

R(200)
Ga 3
Louisiana
1976
V. 2

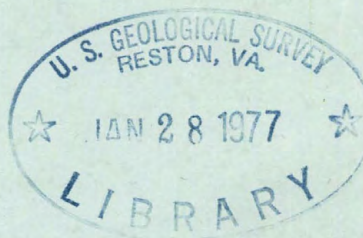
X

Water Resources Data for Louisiana

1 cm
NA

Water Year 1976

Volume 2. Southern Louisiana



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT LA-76-2

Prepared in cooperation with the Louisiana Department of
Public Works and with other State and Federal agencies

CALENDAR FOR WATER YEAR 1976

1 9 7 5

OCTOBER

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

NOVEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

DECEMBER

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

1 9 7 6

JANUARY

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

FEBRUARY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29						

MARCH

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

APRIL

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

MAY

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

JUNE

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

JULY

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

AUGUST

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

SEPTEMBER

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

(200)
3a2
Louisiana
1976
V2

Water Resources Data for Louisiana Water Year 1976

Volume 2. Southern Louisiana



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT LA-76-2

**Prepared in cooperation with the Louisiana Department of
Public Works and with other State and Federal agencies**

UNITED STATES DEPARTMENT OF THE INTERIOR

THOMAS S. KLEPPE, Secretary

GEOLOGICAL SURVEY

V. E. McKelvey, Director

For information on the water program in Louisiana write to
District Chief, Water Resources Division
U.S. Geological Survey
P.O. Box 66492
Baton Rouge, LA 70896

PREFACE

This report was prepared by personnel of the Louisiana district of the Water Resources Division of the U.S. Geological Survey under the supervision of A. N. Cameron, district chief, and Alfred Clebsch, Jr., regional hydrologist, Central Region. It was done in cooperation with the State of Louisiana and with other agencies.

This report is one of a series issued by State. General direction for the series is by J. S. Cragwall, Jr., chief hydrologist, U.S. Geological Survey, and G. W. Whetstone, assistant chief hydrologist for Scientific Publications and Data Management.

Data for Louisiana are in two volumes as follows:

- Volume 1. Central and northern Louisiana
- Volume 2. Southern Louisiana

BIBLIOGRAPHIC DATA SHEET	1. Report No. USGS/WRD/HD-76/055	2.	3. Recipient's Accession No.
4. Title and Subtitle Water Resources Data for Louisiana, 1976		5. Report Date December 1976	
7. Author(s)		6.	
9. Performing Organization Name and Address U.S. Geological Survey, Water Resources Division P.O. Box 66492 Baton Rouge, Louisiana 70896		8. Performing Organization Rept. No. USGS-WDR-LA-76-2	
12. Sponsoring Organization Name and Address U.S. Geological Survey, Water Resources Division P.O. Box 66492 Baton Rouge, Louisiana 70896		10. Project/Task/Work Unit No.	
		11. Contract/Grant No.	
15. Supplementary Notes Prepared in cooperation with the State of Louisiana and with other agencies.		13. Type of Report & Period Covered Annual 10/1/75 to 9/30/76	
		14.	
16. Abstracts Water resources data for the 1976 water year for Louisiana consist of records of stage, discharge, and water quality of streams; water quality of lakes; and water levels and water quality for wells. This report contains discharge records for 22 gaging stations; stage only records for 12 gaging stations; water quality for 61 continuous, daily or bi-weekly stations, 240 miscellaneous stations, and 256 wells; and water levels for 387 observation wells. Also included are data for 31 crest-stage partial-record stations and 65 flood-profile partial-record stations. Additional water data were collected at 10 various sites, not part of the systematic data-collection program, and are published as miscellaneous measurements. Records for a few pertinent stations in bordering States are also included in this report. These data represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating State and Federal agencies in Louisiana.			
17. Key Words and Document Analysis. 17a. Descriptors *Louisiana, *Hydrologic data, *Surface water, *Ground water, *Water quality, Flow rate, Gaging stations, Lakes. Chemical analyses, Sediments, Water temperatures, Sampling sites, Water levels, Water analyses.			
17b. Identifiers/Open-Ended Terms			
17c. COSATI Field/Group			
18. Availability Statement No restriction. This report may be purchased from National Technical Information Service, Springfield, VA 22161		19. Security Class (This Report) UNCLASSIFIED	21. No. of Pages
		20. Security Class (This Page) UNCLASSIFIED	22. Price

CONTENTS

	Page
Preface.....	III
List of gaging stations, in downstream order, for which records are published.....	VII
Introduction.....	1
Cooperation.....	2
Hydrologic conditions.....	2
Definition of terms.....	3
Downstream order and station numbers.....	14
Numbering system for wells and miscellaneous sites.....	14
Special networks and programs.....	15
Hydrologic bench-mark station.....	15
National stream-quality accounting network.....	15
Pesticide program.....	15
Radiochemical program.....	15
Tritium network.....	16
Explanation of stage and water-discharge records.....	16
Collection and computation of data.....	16
Accuracy of field data and computed results.....	20
Other data available.....	21
Records of discharge collected by agencies other than the Geological Survey.....	21
Explanation of water-quality records.....	21
Collection and examination of data.....	21
Water analysis.....	22
Water temperatures.....	22
Sediment.....	22
Explanation of ground-water level records.....	24
Collection of the data.....	24
Publications on techniques of water-resources investigations....	25
Hydrologic-data station records.....	32
Data collected at partial-record stations.....	411
Crest-stage partial-record stations.....	411
Miscellaneous sites.....	413
Flood-profile partial-record stations.....	414
Analyses of samples collected for dredging operations study.....	418
Analyses of samples collected at miscellaneous sites.....	632
Ground-water records.....	700
Ground-water level records.....	700
Quality of ground-water records.....	790
Index.....	823

	Page
Figure 1. System for numbering wells and miscellaneous sites..	15
2. Map showing location of continuous gaging stations..	28
3. Map showing location of crest-stage stations.....	29
4. Map showing location of water-quality stations in southeastern Louisiana.....	30
5. Map showing location of water-quality stations in southwestern Louisiana.....	31
6. Map showing location of observation wells.....	695
7. Map showing location of observation wells in Calcasieu Parish.....	696
8. Map showing location of observation wells in shaded area of figure 7.....	697
9. Map showing location of observation wells in East and West Baton Rouge Parishes.....	698
10. Map showing location of observation wells in shaded area of figure 9.....	699
11. Map showing location of wells for which water- quality data are included.....	786
12. Map showing location of wells for which water- quality data are included, East and West Baton Rouge Parishes.....	787
13. Map showing location of wells for which water- quality data are included in shaded area of figure 12.....	788
14. Map showing location of wells for which water- quality data are included, Ascension and St. James Parishes.....	789

GAGING STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED

[Letter after station name designates type of data: (d) discharge,
(g) gage height, (c) chemical, (b) biological,
(t) water temperature, (s) sediment]

	Page
<u>EASTERN GULF OF MEXICO BASIN</u>	
<u>PEARL RIVER BASIN</u>	
Pearl River near Bogalusa (dcbts).....	32
Bogue Lusa Creek at State Highway 439, at Bogalusa (d).....	50
Pearl River at Pools Bluff, near Bogalusa (ct).....	52
Bogue Chitto near Tylertown, Miss (d).....	59
Bogue Chitto near Bush (dcbt).....	61
Pearl River at Pearl River (g).....	76
<u>LOWER MISSISSIPPI RIVER BASIN</u>	
Mississippi River at Tarbert Landing, Miss (ds).....	77
Mississippi River near St. Francisville (cbt).....	80
South Canal near Baker (d).....	105
Mississippi River at Plaquemine (c).....	112
Mississippi River at Union (c).....	115
Mississippi River at Luling Ferry (cb).....	118
Mississippi River at New Orleans (cbt).....	132
Mississippi River at Violet (c).....	145
Mississippi River at Belle Chase (cbt).....	148
Mississippi River at Venice (cb).....	164
<u>MISSISSIPPI RIVER DELTA</u>	
North Pass of Mississippi River near Pilottown (c).....	178
South Pass of Mississippi River near Port Eads (c).....	182
Southwest Pass of Mississippi River near Burrwood (c).....	186
Tchefuncta River near Folsom (d).....	190
Tangipahoa River at Robert (dc).....	192
Tickfaw River at Holden (dc).....	196
Natalbany River at Baptist (d).....	200
Amite River near Darlington (dc).....	202
Comite River near Olive Branch (d).....	206
White Bayou East Diversion Channel near Baton Rouge (d)...	208
White Bayou southeast of Zachary (d).....	215
White Bayou near Baker (d).....	222
Comite River near Comite (d).....	229
Amite River near Denham Springs (d).....	231
Amite River at 4-H Camp, near Denham Springs (cbt).....	233
Bayou Manchac at mouth, near Port Vincent (g).....	244
Blind River:	
New River at Acy (g).....	245
Middle of Lake Maurepas near Manchac (c).....	246
Pass Manchac at Manchac (c).....	250
Lake Pontchartrain at Pass Manchac near Manchac (c).....	251
Lake Pontchartrain at mouth of Tangipahoa River near Lee Landing (c).....	255

LOWER MISSISSIPPI RIVER BASIN--Continued

MISSISSIPPI RIVER DELTA--Continued

Lake Pontchartrain at mouth of Tchefuncta River near Madisonville (c).....	259
Lake Pontchartrain at mouth of Bayou Lacombe near Lacombe (c).	263
Lake Pontchartrain at north shore near Slidell (c).....	267
Rigolets near Lake Pontchartrain near Slidell (c).....	268
Lake Pontchartrain at GNO Expressway bridge near New Orleans (c).....	269
Lake Pontchartrain at Little Woods at New Orleans (c).....	273
Lake Pontchartrain (IHN Canal) at New Orleans (c).....	274
Intracoastal Waterway at NOPSI Plant near Paris Road, at New Orleans (c).....	278
Chef Menteur Pass near Lake Borgne at Chef Menteur (c).....	282
Bayou Laloutre at Alluvial City at Yscloskey (c).....	283
Bayou Barataria at Lafitte (c).....	284
Bayou Lafourche at Donaldsonville (d).....	285
Bayou Lafourche at Thibodaux (g).....	287
Bayou Lafourche at Valentine (g).....	288
Bayou Lafourche (above IWW) near Larose (c).....	289
Bayou Lafourche (at IWW) near Larose (c).....	291
Bayou Lafourche at Galliano (c).....	295
Bayou Lafourche at Golden Meadow (g).....	296
Bayou Lafourche at Leeville (c).....	297
Bayou Terrebonne at Houma (c).....	298
Bayou Terrebonne near Bourg (c).....	299
Bayou Grand Caillou near Dulac (c).....	301
Bayou Petit Caillou near Boudreaux Canal near Dulac (c).....	302
Atchafalaya River (continuation of Red Red River) at Myette Point, near Charenton (c).....	303
Wax Lake Outlet at Calumet (c).....	307
Lower Atchafalaya River at Morgan City (c).....	311
Bayou Penchant at Bayou Chene near Amelia (c).....	315
Atchafalaya Bay at Eugene Island near Morgan City (c).....	320
Bayou Boeuf:	
Bayou Cocodrie:	
Eliot Jones Canal at Greenwood (g).....	323
Bayou Teche at Keystone Lock, near St. Martinville (dcb).....	324
Bayou Teche near Olivier (ct).....	333
Bayou Teche at Charenton (c).....	337
Charenton drainage canal near Baldwin (c).....	338
Vermilion River:	
Ruth Canal near Ruth (d).....	339
Vermilion River at Surrey Street, at Lafayette (d).....	340
Vermilion River at State Highway 3073, near Lafayette (gct)....	350
Vermilion River at Perry (c).....	359

LOWER MISSISSIPPI RIVER BASIN--ContinuedMISSISSIPPI RIVER DELTA--Continued

Vermilion River--Continued

Vermilion Bay at Cypremort Point near Louisa (c)..... 360

Intracoastal Waterway at Vermilion Lock (east) near
Intracoastal City (c)..... 364Intracoastal Waterway at Vermilion Lock (west) near
Intracoastal City (c)..... 368Freshwater Canal above Freshwater Bayou Lock (north)
near Forked Island (c)..... 372White Lake in northeast corner, near Little Prairie Ridge
near Forked Island (c)..... 373WESTERN GULF OF MEXICO BASINSMERMENTAU RIVER BASIN

Bayou des Cannes (head of Mermentau River):

Bayou Plaquemine Brule near Crowley (g)..... 377

Bayou Nezpique at Mamou Pumping Plant, near Basile (g)..... 378

Mermentau River:

Bayou Queue De Tortue southwest of Lyons Point (g)..... 379

Bayou Lacassine near Lake Arthur..... 384

CALCASIEU RIVER BASIN

Intracoastal Waterway (mile 220.0) at Gibbstown (c)..... 385

Calcasieu River at Lake Charles (cbt)..... 386

Bear Head Creek (head of Houston River) near Starks (d)..... 397

Calcasieu River at mile 40.0 at Lake Charles (c)..... 399

Calcasieu River and Pass near Lake Charles (c)..... 403

Intracoastal Waterway at Calcasieu Lock near Grand Lake (c).. 405

Calcasieu Pass at St. John Island near Cameron (c)..... 406

SABINE RIVER BASIN

Sabine River near Ruliff, Tex. (d)..... 410

WATER RESOURCES DATA FOR LOUISIANA, 1976

INTRODUCTION

Water resources data for the 1976 water year for Louisiana consist of records of stage, discharge, and water quality of streams; stage, contents, and water quality of lakes and reservoirs; and water levels and water quality of ground water. This report contains discharge records for 22 gaging stations; stage-only records for 12 gaging stations; water quality for 61 gaging stations, 240 miscellaneous stations, and 256 wells; and water levels for 387 observation wells. Also included are 26 crest-stage partial-record stations and flood-profile partial-record stations. Additional water data were collected at various sites, not involved in the systematic data-collection program, and are published as miscellaneous measurements. These data represent that part of the National Water Data System collected by the U.S. Geological Survey and cooperating State and Federal agencies in Louisiana.

Records of discharge or stage of streams, and contents or stage of lakes and reservoirs were first published in a series of U.S. Geological Survey water-supply papers entitled, "Surface Water Supply of the United States." Through September 30, 1960, these water-supply papers were in an annual series and then in a 5-year series for 1961-65 and 1966-70. Records of chemical quality, water temperatures, and suspended sediment were published from 1941 to 1970 in an annual series of water-supply papers entitled, "Quality of Surface Waters of the United States." Records of ground-water levels were published from 1935 to 1974 in a series of water-supply papers entitled, "Ground-Water Levels in the United States." Water-supply papers may be consulted in the libraries of the principal cities in the United States or may be purchased from Branch of Distribution, U.S. Geological Survey, 1200 South Eads Street, Arlington, VA 22202.

For water years 1961 through 1974, streamflow data were released by the Geological Survey in annual reports on a State-boundary basis. Water-quality records for water years 1964 through 1974 were similarly released either in separate reports or in conjunction with streamflow records. Beginning with the 1975 water year, water data for streamflow, water quality, and ground water are published as an official Survey report on a State-boundary basis. These official Survey reports carry an identification number consisting of the two-letter State abbreviation, the last two digits of the water year, and the volume number. For example, this report is identified as "U.S. Geological Survey Water-

Data Report LA-76-2." Water-Data reports are for sale by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22151.

COOPERATION

The U.S. Geological Survey and organizations of the State of Louisiana have had cooperative agreements for the systematic collection of streamflow records since 1938, for ground-water levels since 1936, and for water-quality records since 1943. Organizations that assisted in collecting data through cooperative agreement with the Survey are:

Louisiana Department of Public Works, Roy Aguiard, director.

Louisiana Department of Highways, W. T. Taylor, director.

Sabine River Compact Administration, composed of W. H. Robinson, Federal representative and chairman; R. J. Palmer and D. V. Cresap for Louisiana; George Smith and J. M. Syler for Texas.

Capital Area Ground Water Conservation Commission, Dr. Austin F. Anthis, chairman.

Assistance in the form of funds or services was provided by the Corps of Engineers, U.S. Army, Environmental Protection Agency, and U.S. Fish and Wildlife Service, in collection of records for 15 gaging stations and 32 water-quality stations published in this report.

Organizations that supplied data are acknowledged in station descriptions.

HYDROLOGIC CONDITIONS

Streamflow was below average for the 1976 water year. As the year began, streamflow was above median, reflecting the high carryover from previous months and above-normal rainfall throughout the State. Deficient rainfall over most of the State from November to February resulted in below-average runoff during this period. However, runoff of streams in the northeastern section continued above median as a result of precipitation in the headwater area in southeastern Arkansas.

Storms in the northern part of the State early in March and in the southern area during the latter part of March caused rises in the streams but no unusual floods were recorded. Deficient rainfall during April and May resulted in below-average runoff in most State streams.

However, heavy rains in the headwaters of the Pearl River basin in April caused high water in the Bogalusa area; the peak discharge at the Bogalusa gaging station had a recurrence interval of 5 years.

No unusual flow conditions were recorded in the smaller streams during the summer, although a deficiency in rainfall in September caused streams to fall to seasonal lows.

Runoff for the Red River at Alexandria for the water year was only half of the average annual figure. From November to June runoff was below median for each month.

Streamflow in the lower Mississippi River system (Mississippi and Atchafalaya Rivers) was 10 percent below average. During September the lower Mississippi River fell to its lowest monthly runoff since December 1963.

Because of the low discharge of the lower Mississippi River, movement of saltwater from the Gulf of Mexico into the main stem of the river began in late July or early August. The leading edge of the saltwater wedge was well defined and was traced from Head of Passes (mile 0) in early summer to near Myrtle Grove (mile 57) on September 29. The monitoring of this wedge has been continued into the 1977 water year.

The chemical quality of streamflow is monitored at many sites in the State. Samples are obtained at periodic intervals according to the intensity of the study. Results indicate that no unusual changes have taken place in the quality of surface streams during the year, and no new problem areas were found.

Ground-water levels in many of the major aquifers in Louisiana declined during the water year. These aquifers include the Sparta sand of northern Louisiana, the Terrace aquifer of central Louisiana, most of the Baton Rouge and New Orleans aquifers, and the Chicot aquifer in the rice-irrigation area of southwestern Louisiana. Water levels for the Evangeline aquifer of southwestern Louisiana and the Miocene aquifer of the Alexandria area were essentially the same as a year ago. In the Lake Charles industrial area, water levels in the "500-foot" sand of the Chicot aquifer were slightly higher than a year ago.

DEFINITION OF TERMS

Terms related to streamflow, water-quality, and other hydrologic data, as used in this report, are defined below. See also the table for converting English units to International System of metric units (SI) on the inside of the back cover.

Acre-foot (AC-FT, acre-ft) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.

Aquifer is a geologic formation, group of formations, or part of a formation that contains sufficient saturated permeable material to yield significant quantities of water to wells and springs.

Artesian means confined and is used to describe a well in which the water level stands above the top of the aquifer tapped by the well. A flowing artesian well is one in which the water level is above the land surface.

Bacteria are microscopic unicellular organisms, typically spherical, rodlike, or spiral and threadlike in shape, often clumped into colonies. Some bacteria cause disease, others perform an essential role in nature in the recycling of materials; for example, by decomposing organic matter into a form available for reuse by plants.

Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution. They are characterized as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria which ferment lactose with gas formation within 48 hours at 35°C. In the laboratory these bacteria are defined as the organisms which produce colonies within 24 hours when incubated at 35°C + 1.0°C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Fecal coliform bacteria are bacteria that are present in the intestines or feces of warm-blooded animals. They are often used as indicators of the sanitary quality of the water. In the laboratory they are defined as all organisms which produce blue colonies within 24 hours when incubated at 44.5°C ± 0.2°C on MFC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Fecal streptococcal bacteria are bacteria found also in intestines of warm-blooded animals. Their presence in water is considered to verify fecal pollution. They are characterized as gram-positive, cocci bacteria which are capable of growth in brain-heart infusion broth. In the laboratory they are defined as all the organisms which produce red or pink colonies within 48 hours at 35°C + 1.0°C on M-enterococcus medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Bed material is the unconsolidated material of which a streambed, lake, pond, reservoir, or estuary bottom is composed.

Biochemical oxygen demand (BOD) is a measure of the quantity of dissolved oxygen, in milligrams per liter, necessary for the decomposition of organic matter by micro-organisms, such as bacteria.

Biomass is the amount of living matter present at any given time, expressed as the mass per unit area or volume of habitat.

Ash mass is the mass or amount of residue present after the residue from the dry-mass determination has been ashed in a muffle furnace at a temperature of 500°C for 1 hour. The ash mass values of zooplankton and phytoplankton are expressed in g/m³ (grams per cubic meter), and periphyton and benthic organisms in g/m² (grams per square meter).

Dry mass refers to the mass of residue present after drying in an oven at 60°C for zooplankton and 105°C for periphyton, until the mass remains unchanged. This mass represents the total organic matter, ash and sediment, in the sample. Dry-mass values are expressed in the same units as ash mass.

Organic mass or volatile mass of the living substance is the difference between the dry and ash mass, and represents the actual mass of the living matter. The organic mass is expressed in the same units as for ash mass and dry mass.

Wet mass is the mass of living matter plus contained water.

Bottom material: See Bed material.

Cells/volume refers to the number of cells of any organism which is counted by using a microscope and grid or counting cell. Many planktonic organisms are multicelled and are counted according to the number of contained cells per sample, usually milliliters (mL) or liters (L).

Cfs-day is the volume of water represented by flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, approximately 1.9835 acre-feet, about 646,000 gallons or 2,447 cubic meters.

Chemical oxygen demand (COD) is a measure of the chemically oxidizable material in the water, and furnishes an approximation of the amount of organic and reducing material present. The determined value may correlate with natural water color or with carbonaceous organic pollution from sewage or industrial wastes.

Chlorophyll refers to the green pigments of plants. Chlorophyll a and b are the two most common pigments in plants.

Color unit is produced by one milligram per liter of platinum in the form of the chloroplatinate ion. Color is expressed in units of the platinum-cobalt scale.

Contents is the volume of water in a reservoir or lake. Unless otherwise indicated, volume is computed on the basis of a level pool and does not include bank storage.

Control designates a feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural constriction of the channel, an artificial structure, or a uniform cross section over a long reach of the channel.

Control structure as used in this report is a structure on a stream or canal that is used to regulate the flow or stage of the stream or to prevent the intrusion of salt water.

Cubic feet per second per square mile (CFSM) is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming that the runoff is distributed uniformly in time and area.

Cubic feet per second (FT³/s, ft³/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to approximately 7.48 gallons per second or 448.8 gallons per minute or 0.02832 cubic meters per second.

Discharge is the volume of water (or more broadly, volume of fluid plus suspended sediment), that passes a given point within a given period of time.

Mean discharge (MEAN) is the arithmetic mean of individual daily mean discharges during a specific period.

Instantaneous discharge is the discharge at a particular instant of time.

Dissolved refers to the amount of substance present in true chemical solution. In practice, however, the term includes all forms of substance that will pass through a 0.45-micrometer membrane filter, and thus may include some very small (coloidal) suspended particles. Analyses are performed on filtered samples.

Diversity index is a numerical expression of evenness of distribution of aquatic organisms. The formula for diversity index is:

$$\bar{d} = - \sum_{i=1}^s \frac{n_i}{n} \log_2 \frac{n_i}{n}$$

Where n_i is the number of individuals per taxon, n is the total number of individuals, and s is the total number of taxa in the sample of the community. Diversity index values range from zero, when all the organisms in the sample are the same, to some positive number, when some or all of the organisms in the sample are different.

Drainage area of a stream at a specific location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the river above the specified point. Figures of drainage area given herein include all closed basins, or noncontribution area, within the area unless otherwise noted.

Drainage basin is a part of the surface of the earth that is occupied by a drainage system, which consists of a surface stream or a body of impounded surface water.

Gage height (G.H.) is the water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the more general term "stage," although gage height is more appropriate when used with a reading on a gage.

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of hydrologic data are obtained.

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is attributable to the presence of alkaline earths (principally calcium and magnesium) and is expressed as equivalent calcium carbonate (CaCO_3).

Hydrologic unit is a geographic area representing part or all of a surface drainage basin or distinct hydrologic feature as delineated by the Office of Water Data Coordination on the State Hydrologic Unit Maps; each hydrologic unit is identified by an 8-digit number.

Methylene blue active substance (MBAS) is a measure of apparent detergents. This determination depends on the formation of a blue color when methylene blue dye reacts with synthetic detergent compounds.

Micrograms per gram ($\mu\text{g/g}$) is a unit expressing the concentration of a chemical element as the mass (micrograms) of the element sorbed per unit mass (gram) of sediment.

Micrograms per kilogram ($\mu\text{g/kg}$) is a unit expressing the concentration of a chemical element as the mass (micrograms) of the element sorbed per unit mass (kilogram) of sediment.

Micrograms per liter (MG/L, mg/L) is a unit for expressing the concentration of chemical constituents in solution. Milligrams per liter represent the mass of solute per unit volume (liter) of water. Concentration of suspended sediment also is expressed in mg/L, and is based on the mass of sediment per liter of water-sediment mixture.

Organism is any living entity, such as an insect, phytoplankter, or zooplankter.

Organism count/volume refers to the number of organisms collected and enumerated in a sample and adjusted to the number per sample volume, usually milliliters (mL) or liters (L). Numbers of planktonic organisms can be expressed in these terms.

Total organism count is the total number of organisms collected and enumerated in any particular sample.

Partial-record station is a particular site where limited streamflow and/or water-quality data are collected systematically over a period of years for use in hydrologic analyses.

Particle-size is the diameter, in millimeters (mm), of suspended sediment or bed material determined by either sieve or sedimentation methods. Sedimentation methods (pipet, bottom-withdrawal tube, visual-accumulation tube) determine fall diameter of particles in either distilled water (chemically dispersed) or in native water (the river water at the time and point of sampling).

Particle-size classification used in this report agrees with recommendations made by the American Geophysical Union Subcommittee on Sediment Terminology.

The classification is as follows:

Classification	Size (mm)	Method of analysis
Clay.....	0.00024 - 0.004	Sedimentation.
Silt.....	.004 - .062	Sedimentation.
Sand.....	.062 - 2.0	Sedimentation or sieve.
Gravel.....	2.0 - 64.0	Sieve.

The particle-size distributions given in this report are not necessarily representative of all particles in transport in the stream. Most of the organic material is removed and the sample is subjected to mechanical and chemical dispersion before analysis in distilled water. Chemical dispersion is not used for native-water analysis.

Percent composition is a unit for expressing the ratio of a particular part of a sample or population to the total sample or population, in terms of types, numbers, mass or volume.

Pesticides are chemical compounds used to control the growth of undesirable plants and animals. Major categories of pesticides include insecticides, miticides, fungicides, herbicides, and rodenticides.

Insecticides are substances or a mixture of substances intended to prevent, destroy, or repel insects. The technical names for insecticides determined in this report are:

Aldrin should contain not less than 95 percent of 1,2,3,4,10,10-hexachloro-1-4,4a,5,8,8a-hexahydro-0, 4-endo-exo-5, 8-dimethano-naphthanene.

Chlordane 1,2,4,5,6,7,8, 8-oxtachloro-3a,4,7, 7-tetrahydro-4, 7-methanoindane.

DDD 1, 1-dichloro-2, 2-bis (p-chlorophenyl) ethane.

DDE 1, 1-dichloro-2, 2-bis (p-chlorophenyl) ethylene.

DDT 1, 1,1,-trichloro-2,2-bis (p-chlorophenyl) ethane.

Diazinon 0,0-diethyl 0- (2-isopropyl-6methyl-4-pyrimidyl) phosphorothioate.

Dieldrin should contain not less than 85 percent of 1,2,3,4,10,10-hexachloro-6, 7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1, 4-endo-exo-5, 8-dimethanonaphthalene.

Endrin 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-endo-endo-5,8-dimethanonaphthalene.

Heptachlor 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4, 7-methanoindene.

Heptachlor epoxide 1,4,5,6,7,8,8,-heptachloro-2,3-epoxy-3a,4,7,7a-tetrahydro-4,7-methaniondan.

Lindane 1,2,3,4,5,6-hexachlorocyclohexane, 99 percent or more of gama isomer.

BHC alpha-1,2,3,4,5,6-hexachlorocyclohexane.

Methyl parathion 0,0-dimethyl 0-p-nitrophenyl phosphorothioate.

Malathion S-(1,2-bis (ethoxycarbonyl) ethyl) 0,0-dimethyl phosphorodithioate.

Mirex Dodecachlorooctahydro-1,3,4-methano-2H-cyclobuto [cd] pentalene.

Parathion 0,0-diethyl 0-p-nitrophenyl phosphorothioate.

Toxaphene chlorinated camphene containing 67 percent chlorine.

Herbicides are substances or a mixture of substances intended to control or destroy any vegetation. The technical names for herbicides determined in this report are:

2,4-D 2,4-dichlorophenoxyacetic acid.

2,4,5-T 2,4,5-trichlorophenoxyacetic acid.

Silvex 2-(2,4,5-trichlorophenoxy) propionic acid.

Picocurie (PC, pCi) is one trillionth (1×10^{-12}) of the amount of radioactivity represented by a curie (Ci). A curie is the amount of radioactivity that yields 3.7×10^{10} radioactive disintegrations per second. A picocurie yields 2.22 dpm (disintegrations per minute).

Plankton is the community of suspended, floating, or weakly swimming organisms that live in the open water of lakes and rivers.

Phytoplankton is the plant part of the plankton. They are usually microscopic and their movement is subject to the water currents. Phytoplankton growth is dependent upon solar radiation and nutrient substances. Because they are able to incorporate as well as release materials to the surrounding water, the phytoplankton have a profound effect upon the quality of the water. They are the primary food producers in the aquatic environment, and are commonly known as algae.

Blue-green algae are a group of phytoplankton organisms having a blue pigment, in addition to the green pigment called chlorophyll. Blue-green algae often cause nuisance conditions in water.

Diatoms are the unicellular or colonial algae having a siliceous shell. Their concentrations are expressed as number of cells/mL of sample.

Green algae have chlorophyll pigments similar in color to those of higher green plants. Some forms produce algal mats or floating "moss" in lakes. Their concentrations are expressed as number of cells/mL of sample.

Zooplankton is the animal part of the plankton. Zooplankton are capable of extensive movements within the water column, and are often large enough to be seen with the unaided eye. Zooplankton are secondary consumers feeding upon bacteria, phytoplankton, and detritus. Because they are the grazers in the aquatic environment, the zooplankton are a vital part of the aquatic food web. The zooplankton community is dominated by small crustaceans and rotifers.

Polychlorinated biphenyls (PCBs) are industrial chemicals that are mixtures of chlorinated biphenyl compounds having various percentages of chlorine. They are similar in structure to organochlorine insecticides.

Runoff in inches (IN., in.) shows the depth to which the drainage area would be covered if all the runoff for a given time period were uniformly distributed on it.

Sediment is solid material that originates mostly from disintegrated rocks and is transported by, suspended in, or deposited from water; it includes chemical and biochemical precipitates and decomposed organic material, such as humus. The quantity, characteristics, and cause of the occurrence of sediment in streams are influenced by environmental factors. Some major factors are degree of slope, length of slope, soil characteristics, land usage, and quantity and intensity of precipitation.

Suspended sediment is the sediment that at any given time is maintained in suspension by the upward components of turbulent currents or that exists in suspension as a colloid.

Suspended-sediment concentration is the velocity-weighted concentration of suspended sediment in the sampled zone (from the water surface to a point approximately 0.3 ft above the bed) expressed as milligrams of dry sediment per liter of water-sediment mixture (mg/L).

Suspended-sediment discharge (tons/day) is the rate at which dry weight of sediment passes a section of a stream or is the quantity of sediment, as measured by dry weight or volume, that passes a section in a given time. It is computed by multiplying discharge times mg/L times 0.0027.

Suspended-sediment load is quantity of suspended sediment passing a section in a specified period.

Total sediment discharge (tons/day) is the sum of the suspended-sediment discharge and the bed-load discharge. It is the total quantity of sediment, as measured by dry weight or volume, that passes a section during a given time.

Mean concentration is the time-weighted concentration of suspended sediment passing a stream section during a 24-hour day.

Solute is any substance derived from the atmosphere, vegetation, soil, or rocks that is dissolved in water.

Specific conductance is a measure of the ability of a water to conduct an electrical current. It is expressed in micromhos per centimeter at 25°C. Specific conductance is related to the type and concentration of ions in solution and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of

dissolved solids (in milligrams per liter) is about 65 percent of the specific conductance (in micromhos). This relation is not constant from stream to stream, and it may vary in the same source with changes in the composition of the water.

Stage-discharge relation is the relation between gage height (stage) and volume of water per unit of time, flowing in a channel.

Streamflow is the discharge that occurs in a natural channel. Although the term "discharge" can be applied to the flow of a canal, the word "streamflow" uniquely describes the discharge in a surface stream course. The term "streamflow" is more general than "runoff" as streamflow may be applied to discharge whether or not it is affected by diversion or regulation.

Substrate is the physical surface upon which an organism lived.

Natural substrates refers to any naturally occurring emersed or submersed solid surface, such as a rock or tree, upon which an organism lived.

Artificial substrate is a device which is purposely placed in a stream or lake for colonization of organisms. The artificial substrate simplified the community structure by standardizing the substrate from which each sample is taken. Examples of artificial substrates are basket samplers (made of wire cages filled with clean streamside rocks) and multi-plate samplers (made of hardboard) for benthic organism collection, and plexiglass strips for periphyton collection.

Surface area of a lake is that area outlined on the latest U.S.G.S. topographic map as the boundary of the lake and measured by a planimeter in acres. In localities not covered by topographic maps, the areas are computed from the best maps available at the time planimetered. All areas shown are those for the stage when the planimetered map was made.

Surficial bed material is that part (0.1 to 0.2 ft) of the bed material that is sampled using U.S. Series Bed-Material Samplers.

Suspended (as used in tables of chemical analyses) refers to the amount (concentration) of the total concentration in a water-sediment mixture. The water-sediment mixture is associated with (or sorbed on) that material retained on a 0.45 micrometer filter.

Time-weighted average is computed by multiplying the number of days in the sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the

total number of days. A time-weighted average represents the composition of water that would be contained in a vessel or reservoir that had received equal quantities of water from the stream each day for the year.

Tons per acre-foot indicates the dry mass of dissolved solids in 1 acre-foot of water. It is computed by multiplying the concentration in milligrams per liter by 0.00136.

Tons per day is the quantity of substance in solution or suspension that passes a stream section during a 24-hour day.

Total load (tons) is the total quantity of any individual constituent, as measured by dry mass or volume, that is dissolved in a specific amount of water (discharge) during a given time. It is computed by multiplying the total discharge, times the mg/L of the constituent, times the factor 0.0027, times the number of days.

Taxonomy is the division of biology concerned with the classification and naming of organisms. The classification of organisms is based upon a hierarchical scheme beginning with Kingdom and ending with Species at the base. The higher the classification level, the fewer features the organisms have in common. For example, the taxonomy of a particular mayfly, Hexagenia limbata is the following:

Kingdom.....	Animal
Phylum.....	Arthropoda
Class.....	Insecta
Order.....	Ephemeroptera
Family.....	Ephemeridae
Genus.....	<u>Hexageria</u>
Species.....	<u>Hexagenia limbata</u>

Weighted average is used in this report to indicate discharge-weighted average. It is computed by multiplying the discharge for a sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the sum of the discharges. A discharge-weighted average approximates the composition of water that would be found in a reservoir containing all the water passing a given location during the water year after thorough mixing in the reservoir.

WRD is used as an abbreviation for "Water-Resources Data" in the REVISED RECORDS paragraph to State annual basic-data reports published before 1975.

WSP is used as an abbreviation for "Water-Supply Paper" in references to previously published reports.

DOWNSTREAM ORDER AND STATION NUMBER

Since October 1, 1950, the order of listing hydrologic-station records in Survey reports is in a downstream direction along the main stream. All stations on a tributary entering upstream from a main-stream station are listed before that station. A station on a tributary that enters between two main-stream stations is listed between them. A similar order is followed in listing stations on first rank, second rank, and other ranks of tributaries. The rank of any tributary on which a station is situated with respect to the stream to which it is immediately tributary is indicated by an indention in a list of stations in the front of the report. Each indention represents one rank. This downstream order and system of indention show which stations are on tributaries between any two stations and the rank of the tributary on which each station is situated.

As an added means of identification, each hydrologic station and partial-record station has been assigned a station number. These are in the same downstream order used in this report. In assigning station numbers, no distinction is made between partial-record stations and other stations; therefore, the station number for a partial-record station indicates downstream-order position in a list made up of both types of stations. Gaps are left in the series of numbers to allow for new stations that may be established; hence, the numbers are not consecutive. The complete 8-digit number for each station such as 02489500, which appears just to the left of the station name, includes the 2-digit part number "02" plus the 6-digit downstream order number "489500". Records in this report are in Part 2 (South Atlantic Slope and Eastern Gulf of Mexico basin), Part 7 (Lower Mississippi River basin) and Part 8 (Western Gulf of Mexico basin).

NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES

The 8-digit downstream order station numbers are not assigned to wells and miscellaneous sites where only random water-quality samples or discharge measurements are taken.

The well and miscellaneous site numbering system of the U.S. Geological Survey is based on the grid system of latitude and longitude. The system provides the geographic location of the well or miscellaneous site and a unique number for each site. The number consists of 15 digits. The first 6 digits denote the degrees, minutes, and seconds of latitude, the next 7 digits denote degrees, minutes, and seconds of longitude, and the last 2 digits (assigned sequentially) identify the wells or other sites within a 1-second grid. See figure 1 on following page.

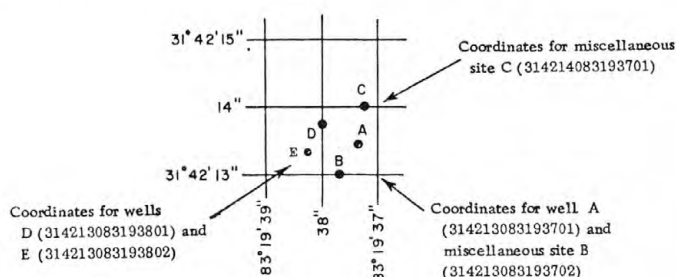


Figure 1. System for numbering wells and miscellaneous sites (latitude and longitude)

SPECIAL NETWORKS AND PROGRAMS

Hydrologic bench-mark station is one that provides hydrologic data for a basin in which the hydrologic regimen will likely be governed solely by natural conditions. Data collected at a bench-mark station may be used to separate effects of natural from manmade changes in other basins which have been developed and in which the physiography, climate, and geology are similar to those in the undeveloped bench-mark basin.

National stream-quality accounting network (NASQAN) is a data-collection network designated by the U.S. Geological Survey to meet many of the demands of agencies or groups involved in national or regional water-quality planning and management. Both accounting and broad-scale monitoring objectives have been incorporated into the network design. Areal configuration of the network is based on river-basin accounting units (identified by 8-digit hydrologic-unit numbers) designated by the Office of Water Data Coordination in consultation with the Water Resources Council. Primary objectives of the network are (1) to depict areal variability of streamflow and water-quality conditions nationwide on a year-by-year basis and (2) to detect and assess long-term changes in streamflow and stream quality.

Pesticide program is a network of regularly sampled water-quality stations where samples are collected to determine the concentration and distribution of pesticides in streams where potential contamination could result from the application of the commonly used insecticides and herbicides. Operation of the network is a Federal interagency activity.

Radiochemical program is a network of regularly sampled water-quality stations where samples are collected to be analyzed for radio-isotopes. The streams that are sampled represent major drainage basins in the conterminous United States.

Tritium network is a network of stations which has been established to provide baseline information on the occurrence of tritium in the Nation's surface waters. In addition to the surface-water stations in the network, tritium data are also obtained at a number of precipitation stations. The purpose of the precipitation stations is to provide an estimate sufficient for hydrologic studies of the tritium input to the United States.

EXPLANATION OF STAGE AND WATER-DISCHARGE RECORDS

Collection and computation of data

The base data collected at gaging stations consist of records of stage and measurements of discharge of streams or canals, and stage, surface area, and contents of lakes or reservoirs. In addition, observations of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data in determining the daily flow or volume of water in storage. Records of stage are obtained from either direct readings on a nonrecording gage or from a water-stage recorder that gives either a continuous graph of the fluctuations or a tape punched at selected time intervals. Measurements of discharge are made with a current meter, using the general methods adopted by the Geological Survey. These methods are described in standard text-books, in Water-Supply Paper 888, and in U.S. Geological Survey Techniques of Water Resources Investigations, book 3, chapter A6.

For stream-gaging stations, rating tables giving the discharge for any stage are prepared from stage-discharge relation curves. If extensions to the rating curves are necessary to express discharge greater than measured, they are made on the basis of indirect measurements of peak discharge (such as slope-area or contracted-opening measurements, computation of flow over dams or weirs), step-backwater techniques, velocity-area studies, and logarithmic plotting. The daily mean discharge is computed from gage heights and rating tables, then the monthly and yearly mean discharge are computed from the daily figures. If the stage-discharge relation is subject to change because of frequent or continual change in the physical features that form the control, the daily mean discharge is computed by the shifting-control method, in which correction factors based on individual discharge measurements and notes by engineers and observers are used in applying the gage heights to the rating tables. If the stage-discharge relation for a station is temporarily changed by the presence of aquatic growth or debris on the control, the daily mean discharge is computed by what is basically the shifting-control method.

At some stream-gaging stations the stage-discharge relation is affected by the backwater from reservoirs, tributary streams, or other sources. This necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in computing discharge. The slope or fall is obtained by means of an auxiliary gage set at some distance from the base gage. At some stations the stage-discharge relation is affected by changing stage; at these stations the rate of change in stage is used as a factor in computing discharge.

For a reservoir station, capacity tables giving the contents for any stage are prepared from stage-area relation curves defined by surveys. The application of the stage to the capacity table gives the contents, from which the daily, monthly, or yearly change in contents is computed.

If the stage-capacity curve is subject to changes because of deposition of sediment in the reservoir, periodic resurveys of the reservoir are necessary to define new stage-capacity curves. During the period between reservoir surveys the computed contents may be increasingly in error due to the gradual accumulation of sediment.

For some gaging stations there are periods when no gage-height record is obtained or the recorded gage height is so faulty that it cannot be used to compute daily discharge or contents. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, or for various other reasons. For such periods the daily discharges are estimated on the basis of recorded range in stage, prior and subsequent records, discharge measurements, weather records, and comparison with records for other stations in the same or nearby basins. Likewise daily contents may be estimated on the basis of operator's log, prior and subsequent records, inflow-outflow studies, and other information.

The data in this report generally comprise a description of the station and tabulations of daily and monthly figures. For gaging stations on streams or canals a table showing the daily discharge and monthly and yearly discharge is given. For gaging stations on lakes and reservoirs a monthly summary table of stage and contents or a table showing the daily contents is given. Tables of daily mean gage heights are included for some streamflow stations. Records are published for the water year, which begins on October 1 and ends on September 30.

The description of the gaging station gives the location, drainage area, period of record, notations of revisions of previously published records, type and history of gages, general remarks, average discharge, and extremes of discharge or contents. The location of the gaging station and the drainage area are obtained from the most accurate maps available. River mileage, given under "LOCATION" for some stations, is

that determined and used by the Corps of Engineers or other agencies. Periods for which there are published records for the present station or for stations generally equivalent to the present one are given under "PERIOD OF RECORD."

Previously published streamflow records of some stations have been found to be in error on the basis of data or information later obtained. Revisions of such records are usually published along with the current records in one of the annual or compilation reports. In order to make it easier to find such revised records, a paragraph headed "REVISED RECORDS" has been added to the description of all stations for which revised records have been published. Listed therein are all the reports in which revisions have been published, each followed by the water years for which the figures are revised in that report. In listing the water years only one number is given; for instance, 1965 stands for the water year October 1, 1964, to September 30, 1965. If no daily, monthly, or annual figures of discharge are affected by the revisions, the fact is brought out by notations after the year dates as follows: "(M)" means that only the instantaneous maximum discharge was revised; "(m)" that only the instantaneous minimum was revised; and "(P)" that only peak discharges were revised. If the drainage area has been revised, the report in which the revised figure was first published is given. It should be noted that for all stations for which cubic feet per second per square mile and runoff in inches are published, a revision of the drainage area necessitates corresponding revision of all figures based on the drainage area. Revised figures of cubic feet per second per square mile and runoff in inches resulting from a revision of the drainage area only are usually not published in the annual series of report.

The type of gage currently in use, the datum of the present gage above mean sea level, and a condensed history of the types, locations, and datums of previous gages used during the period of record are given under "GAGE." In references to datum of gage, the phrase "mean sea level" denotes "Sea Level Datum of 1929" as used by the Topographic Division of the Geological Survey unless otherwise qualified.

Information pertaining to the accuracy of the discharge records and to conditions which affect the natural flow at the gaging station is given under "REMARKS." For reservoir stations information on the dam forming the reservoir, the capacity, outlet works and spillway, and purpose and use of the reservoir is given under "REMARKS."

The average discharge for the number of years indicated is given under "AVERAGE DISCHARGE"; it is not given for stations having fewer than 5 complete years of record or for stations where changes in water development during the period of record cause the figure to have little

significance. Under "EXTREMES" are given first, the extremes for the period of record, second, information available outside the period of record, and last, those for the current year. Unless otherwise qualified, the maximum discharge (or contents) is the instantaneous maximum corresponding to the crest stage obtained by use of a water-stage recorder (graphic or digital), a crest-stage gage, or a nonrecording gage read at the time of the crest. If the maximum gage height did not occur on the same day as the maximum discharge (or contents), it is given separately. Similarly, the minimum is the instantaneous minimum unless otherwise qualified. For some stations peak discharges are listed with EXTREMES FOR THE CURRENT YEAR; if they are, all independent peaks, including the maximum for the year, above the selected base with the time of occurrence and corresponding gage heights are published in tabular format. The base discharge, which is given in the table heading, is selected so that an average of about three peaks a year will be presented. Peak discharges are not published for any canals, ditches, drains, or for any stream for which the peaks are subject to substantial control by man. Time of day is expressed in 24-hour local standard time; for example, 12:30 a.m. is 0030, 1:30 p.m. is 1330. The minimums for these stations are published in a separate paragraph following the table of peaks.

The daily table for stream-gaging stations gives the mean discharge for each day and is followed by monthly and yearly summaries. In the monthly summary below the daily table, the line headed "TOTAL" gives the sum of the daily figures. The line headed "MEAN" gives the average flow in cubic feet per second during the month. The lines headed "MAX" and "MIN" give the maximum and minimum daily discharges, respectively, for the month. Discharge for the month also may be expressed in cubic feet per second per square mile (line headed "CFSM"), or in inches (line headed "IN"), or in acre-feet (line headed "AC-FT"). Figures for cubic feet per second per square mile and runoff in inches are omitted if there is extensive regulation or diversion, if the drainage area includes large noncontributing areas, or if the average annual rainfall over the drainage basin is usually less than 20 inches. In the yearly summary below the monthly summary, the figures shown are the appropriate daily discharges for the calendar and water years.

Footnotes to the table of daily discharge are introduced by the word "NOTE." Footnotes are used to indicate periods for which the discharge is computed or estimated by special methods because of no gage-height record, backwater from various sources, or other unusual conditions. Periods of no gage-height record are indicated if the period is continuous for a month or more or includes the maximum

discharge for the year. Periods of backwater from an unusual source, of indefinite stage-relation, or of any other unusual condition at the gage site are indicated only if they are a month or more in length and the accuracy of the records is affected. Days on which the stage-discharge relation is affected by ice are not indicated. The methods used in computing discharge for various unusual conditions have been explained in preceding paragraphs.

For most gaging stations on lakes and reservoirs the data presented comprise a description of the station and a monthly summary table of stage and contents. For some reservoirs a table showing daily contents or stage is given. A skeleton table of capacity at given stages is published for all reservoirs for which records are published on a daily basis, but is not published for reservoirs for which only monthly data are given.

Data collected at partial-record stations follow the information for continuous-record sites. Data for partial-record discharge stations are presented in three tables. The first is a table of annual maximum stage and discharge at crest-stage stations, the second is a table of discharge measurements at miscellaneous sites, and the third is a table of peak elevations at flood-profile partial-record stations.

Accuracy of field data and computed results

The accuracy of streamflow data depends primarily on (1) the stability of the stage-discharge relation or, if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge, and interpretations of records.

The station description under "REMARKS" states the degree of accuracy of the records. "Excellent" means that about 95 percent of the daily discharges are within 5 percent; "good", within 10 percent; and "fair" within 15 percent. "Poor" means that daily discharges have less than "fair" accuracy.

Figures of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second for discharges of less than 1 cfs; to tenths between 1.0 and 10 cfs; to whole numbers between 10 and 1,000 cfs; and to 3 significant figures above 1,000 cfs. The number of significant figures used is based solely on the magnitude of the figure. The same rounding rules apply to discharge figures listed for partial-record stations.

Discharge at many stations, as indicated by the monthly mean, may not reflect natural runoff due to the effects of diversion, consumption, regulation by storage, increase or decrease in evaporation due to artificial causes, or to other factors. For such stations, figures of cubic feet per second per square mile and of runoff in inches are not published unless satisfactory adjustments can be made for diversions, for changes in contents of reservoirs, or for other changes incident to use and control. Evaporation from a reservoir is not included in the adjustments for changes in reservoir contents, unless it is so stated. Even at those stations where adjustments are made, large errors in computed runoff may occur if adjustments or losses are large in comparison with the observed discharge.

Other data available

Information of a more detailed nature than that published for most of the gaging stations such as observations of water temperatures, discharge measurements, gage-height records, and rating tables is on file in the district office. Also, most gaging-station records are available in computer-usable form and many statistical analyses have been made.

Information on the availability of unpublished data or statistical analyses may be obtained from the district office.

Records of discharge collected by agencies other than the Geological Survey

Records of discharge not published by the Geological Survey were collected during water year 1976 at sites in Louisiana by the Corps of Engineers, U.S. Army. The National Water Data Exchange, Water Resources Division, U.S. Geological Survey, National Center, Reston, VA 22092, maintains an index of such sites. Information on records available at specific sites can be obtained upon request.

EXPLANATION OF WATER-QUALITY RECORDS

Collection and examination of data

Surface-water samples for analyses usually are collected at or near gaging stations. The quality-of-water records are given immediately following the discharge records at these stations.

The descriptive heading for water-quality records gives periods of record for the various types of water-quality data (chemical, specific conductance, biological determination, water temperatures, sediment

discharge), period of record, extremes of pertinent data, and general remarks.

For ground-water records, no descriptive statements are given; however, the well number, depth of well, date of sampling and/or other pertinent data are given in the table containing the chemical analyses of the ground water.

Water analysis

Most methods for collecting and analyzing water samples are described in the U.S. Geological Survey Techniques of Water-Resources Investigations listed on a following page.

One sample can define adequately the water quality at a given time if the mixture of solutes throughout the stream cross section is homogeneous. However, the concentration of solutes at different locations in the cross section may vary widely with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled through several vertical sections to obtain a representative sample needed for an accurate mean concentration and for use in calculating load.

Chemical-quality data published in this report are considered to be the most representative values available for the stations listed. The values reported represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. In the rare case where an apparent inconsistency exists between a reported pH value and the relative abundance of carbon dioxide species (carbonate and bicarbonate), the inconsistency is the result of a slight uptake of carbon dioxide from the air by the sample between measurement of pH in the field and determination of carbonate and bicarbonate in the laboratory.

For chemical-quality stations equipped with digital monitors, the records consist of daily maximum, minimum, and mean values for each constituent measured and are based upon hourly punches beginning at 0100 hours and ending at 2400 hours for the day of record. More detailed records (hourly values) may be obtained from the district office.

Water temperature

Water temperatures are measured at most of the water-quality stations. In addition, water temperatures are taken at time of discharge measurements for water-discharge stations. For stations where water temperatures are taken manually once daily, the water temperatures are

taken at about the same time each day. Large streams have a small diurnal temperature change; shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. Some streams may be affected by waste-heat discharge.

At stations where recording instruments are used, either mean temperatures or maximum and minimum, temperatures for each day are published.

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers or point samplers. Samples usually are obtained along several vertical lines in the cross section, or a single sample may be obtained at a fixed point and a coefficient applied to determine the mean concentration in the cross sections.

During periods of rapidly changing flow or rapidly changing concentration, samples may have been collected more frequently (twice daily or, in some instances, hourly). The published sediment discharges for days of rapidly changing flow or concentration were computed by the subdivided-day method (time-discharge weighted average). Therefore, for those days when the published sediment discharge value differs from the value computed as the product of discharge times mean concentration times 0.0027, the reader can assume that the sediment discharge for that day was computed by the subdivided day method. For periods when no samples were collected, daily loads of suspended sediment were estimated on the basis of water discharge, sediment concentrations observed immediately before and after the periods, and suspended-sediment loads for other periods of similar discharge.

At other stations, suspended-sediment samples were collected periodically at many verticals in the stream cross section. Although data collected periodically may represent conditions only at the time of observations, such data are useful in establishing seasonal relations between quality and streamflow in predicting long-term sediment-discharge characteristics of the stream.

In addition to the records of the quantities of suspended sediment, records of the periodic measurements of the particle-size distribution of the suspended sediment and bed material are included.

EXPLANATION OF GROUND-WATER-LEVEL RECORDS

Collection of the data

Ground-water-level data from a network of observation wells are published herein. This basic network contains observation wells so located that the most significant data are obtained from the most important aquifers.

This report updates water-level measurements for wells included in "Water resources data for Louisiana, 1975," and "Ground-water levels in Louisiana for wells measured through 1974," Louisiana Department of Public Works Basic Records Report No. 7. Records for some wells, for which measurements have never been published, are also included.

Each well is identified by means of (1) a 15-digit number that is based on latitude and longitude and (2) a local number that is provided for local needs. See figure 1.

Measurements are made in many types of wells, under varying conditions of access and at different temperatures; hence, neither the method of measurement nor the equipment can be standardized. At each observation well, however, the equipment and techniques used are those that will ensure that measurements at each well are consistent.

Water-level measurements in this report are given in feet with reference to land-surface datum (lsd). Land-surface datum is a datum plane that is approximately at land surface at each well. If known, the altitude of the land-surface datum above mean sea level is given in the well description. Altitudes with zeros in the tenths and hundredths columns are generally accurate only to about the nearest foot. The height of the measuring point (MP) above or below land-surface datum is given in each well description. Water levels in wells equipped with recording gages are reported for every fifth day, the end of each month (eom), and for dates when check measurements were made.

Water levels are reported to as many significant figures as can be justified by the local conditions. For example, in a measurement of a depth to water of several hundred feet, the error in determining the absolute value of the total depth to water may be a few tenths of a foot, whereas the error in determining the net change of water level between successive measurements may be only a hundredth or a few hundredths of a foot. For lesser depths to water the accuracy is greater. Accordingly, most measurements are reported to a hundredth of a foot, but some are given only to a tenth of a foot or a larger unit. In the computer format used in this report, zeroes shown in the hundredths column generally indicate measurements accurate only to tenths.

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS

Thirty-one manuals by the U.S. Geological Survey have been published to date in the series on techniques describing procedures for planning and executing specialized work in water-resources investigations. The material is grouped under major subject headings called books and is further divided into sections and chapters. For example, Section A of Book 3 (Applications of Hydraulics) is on surface water. The chapter, the unit of publication, is limited to a narrow field of subject matter. This format permits flexibility in revision and publication as the need arises. The reports listed below are for sale by the U.S. Geological Survey, Branch of Distribution, 1200 South Eads Street, Arlington, VA 22202 (authorized agent of the Superintendent of Documents, Government Printing Office).

NOTE: When ordering any of these publications, please give the title, book number, chapter number, and "U.S. Geological Survey Techniques of Water-Resources Investigations".

- 1-D1. *Water temperature-influential factors, field measurement, and data presentation*, by H. H. Stevens Jr., J. F. Ficke, and G. F. Smoot: USGS--TWRI Book 1, Chapter D1. 1975. 65 pages. \$1.15.
- 2-D1. *Application of surface geophysics to ground-water investigations*, by A. A. R. Zohdy, G. P. Eaton, and D. R. Mabey: USGS-TWRI Book 2, Chapter D1. 1974. 116 pages. \$1.90
- 2-E1. *Application of borehole geophysics to water-resources investigations*, by W. S. Keys and L. M. MacCary: USGS--TWRI Book 2, Chapter E1. 1971. 126 pages. \$1.75.
- 3-A1. *General field and office procedures for indirect discharge measurements*, by M. A. Benson and Tate Dalrymple: USGS--TWRI Book 3, Chapter A1. 1967. 30 pages. \$0.25.
- 3-A2. *Measurement of peak discharge by the slope-area method*, by Tate Dalrymple and M. A. Benson: USGS--TWRI Book 3, Chapter A2. 1967. 12 pages. \$0.20.
- 3-A3. *Measurement of peak discharge at culverts by indirect methods*, by G. L. Bodhaine: USGS--TWRI Book 3, Chapter A3. 1968. 60 pages. \$0.40.
- 3-A4. *Measurement of peak discharge at width contractions by indirect methods*, by H. F. Matthai: USGS--TWRI Book 3, Chapter A4. 1967. 44 pages. \$1.00
- 3-A5. *Measurement of peak discharge at dams by indirect methods*, by Harry Hulsing: USGS--TWRI Book 3, Chapter A5. 1967. 29 pages. \$0.30.
- 3-A6. *General procedure for gaging streams*, by R. W. Carter and Jacob Davidian: USGS--TWRI Book 3, Chapter A6, 1968, 13 pages. \$0.20.
- 3-A7. *Stage measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A7. 1968. 28 pages. \$0.45.

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

- 3-A8. *Discharge measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A8. 1969. 65 pages. \$1.25.
- 3-A11. *Measurement of discharge by moving-boat method*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 3, Chapter A11. 1969. 22 pages. \$0.40.
- 3-A12. *Fluorometric procedures for dye tracing*, by J. F. Wilson, Jr.: USGS--TWRI Book 3, Chapter A12. 1968. 31 pages. \$0.35. Not currently available.
- 3-B1. *Aquifer-test design, observation, and data analysis*, by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages. \$0.70.
- 3-C1. *Fluvial sediment concepts*, by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages. \$0.65.
- 3-C2. *Field methods for measurement of fluvial sediment*, by H. P. Guy and V. W. Norman: USGS--TWRI Book 3, Chapter C2. 1970. 59 pages. \$0.70.
- 3-C3. *Computation of fluvial-sediment discharge*, by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages. \$1.15.
- 4-A1. *Some statistical tools in hydrology*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A1. 1968. 39 pages. \$0.30.
- 4-A2. *Frequency curves*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A2. 1968. 15 pages. \$0.20.
- 4-B1. *Low-flow investigations*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B1. 1972. 18 pages. \$0.65.
- 4-B2. *Storage analyses for water supply*, by H. C. Riggs and C. H. Hardison: USGS--TWRI Book 4, Chapter B2. 1973. 20 pages. \$0.75.
- 4-B3. *Regional analyses of streamflow characteristics*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B3. 1973. 15 pages. \$0.75.
- 4-D1. *Computation of rate and volume of stream depletion by wells*, by C. T. Jenkins: USGS--TWRI Book 4, Chapter D1. 1970. 17 pages. \$0.65.
- 5-A1. *Methods for collection and analysis of water samples for dissolved minerals and gases*, by Eugene Brown, M. W. Skougstad, and M. J. Fishman: USGS--TWRI Book 5, Chapter A1. 1970. 160 pages. \$2.40.
- 5-A2. *Determination of minor elements in water by emission spectroscopy*, by P. R. Barnett and E. C. Mallory, Jr.: USGS--TWRI Book 5, Chapter A2. 1971. 31 pages. \$0.80.
- 5-A3. *Methods for analysis of organic substances in water*, by D. F. Goerlitz and Eugene Brown: USGS--TWRI Book 5, Chapter A3. 1972. 40 pages. \$0.90.
- 5-A4. *Methods for collection and analysis of aquatic biological and microbiological samples*, by K. V. Slack, R. C. Averett, P. E. Greenson, and R. G. Lipscomb: USGS--TWRI Book 5, Chapter A4. 1973. 165 pages. \$1.95.

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

- 5-C1. *Laboratory theory and methods for sediment analysis*, by H. P. Guy: USGS--TWRI Book 5, Chapter C1. 1969. 58 pages. \$0.65.
- 7-C1. *A digital model for aquifer evaluation*, by G. F. Pinder: USGS--TWRI Book 7, Chapter C1. 1970. 18 pages. \$0.65.
- 8-A1. *Methods of measuring water levels in deep wells*, by M. S. Garber and F. C. Koopman: USGS--TWRI Book 8, Chapter A1. 1968. 23 pages. \$0.70.
- 8-B2. *Calibration and maintenance of vertical-axis type current meters*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 8, Chapter B2. 1968. 15 pages. \$0.40.

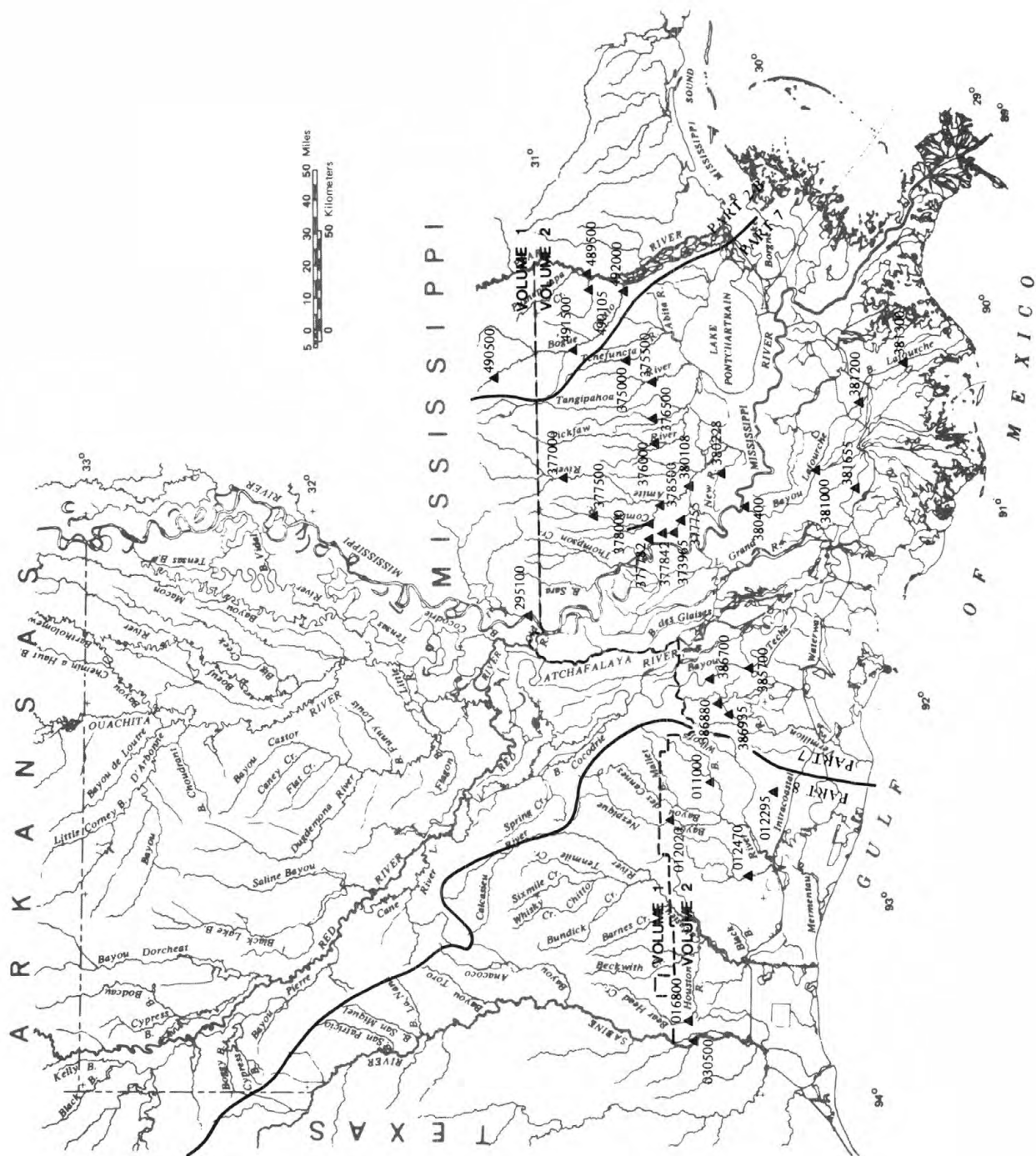


Figure 2. — Location of continuous gaging stations.

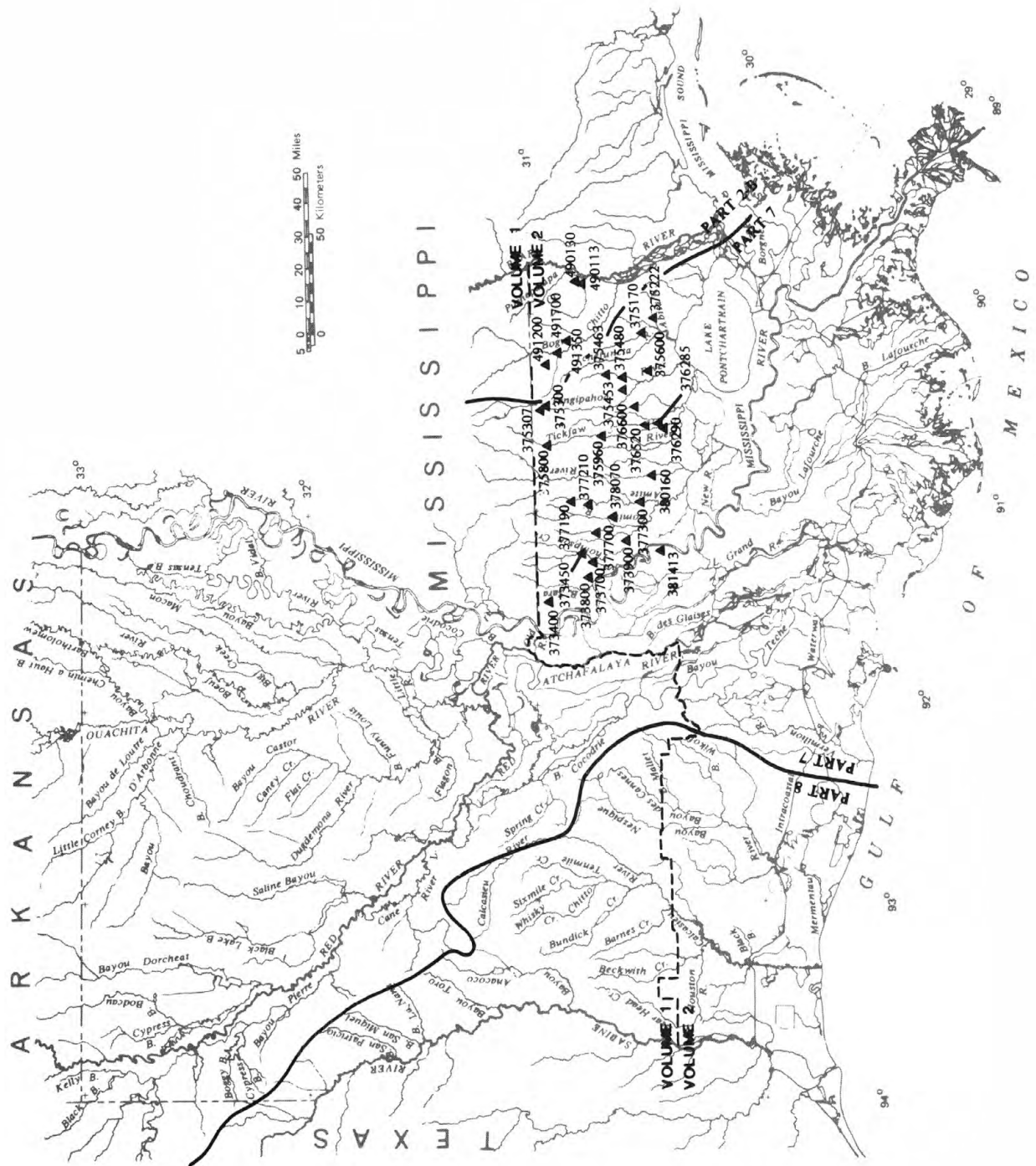


Figure 3. — Location of crest-stage stations.

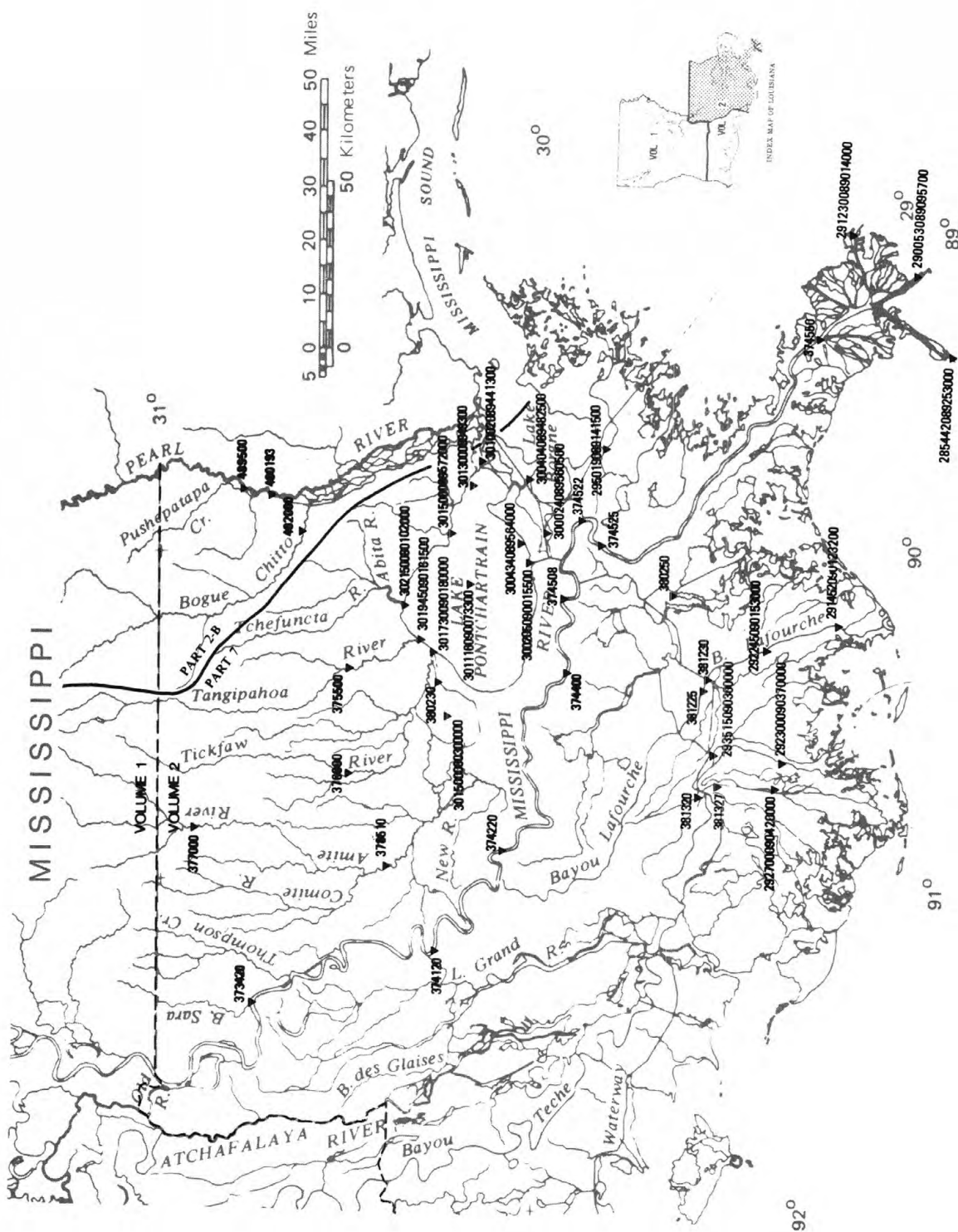


Figure 4. — Location of water-quality stations in southeastern Louisiana.

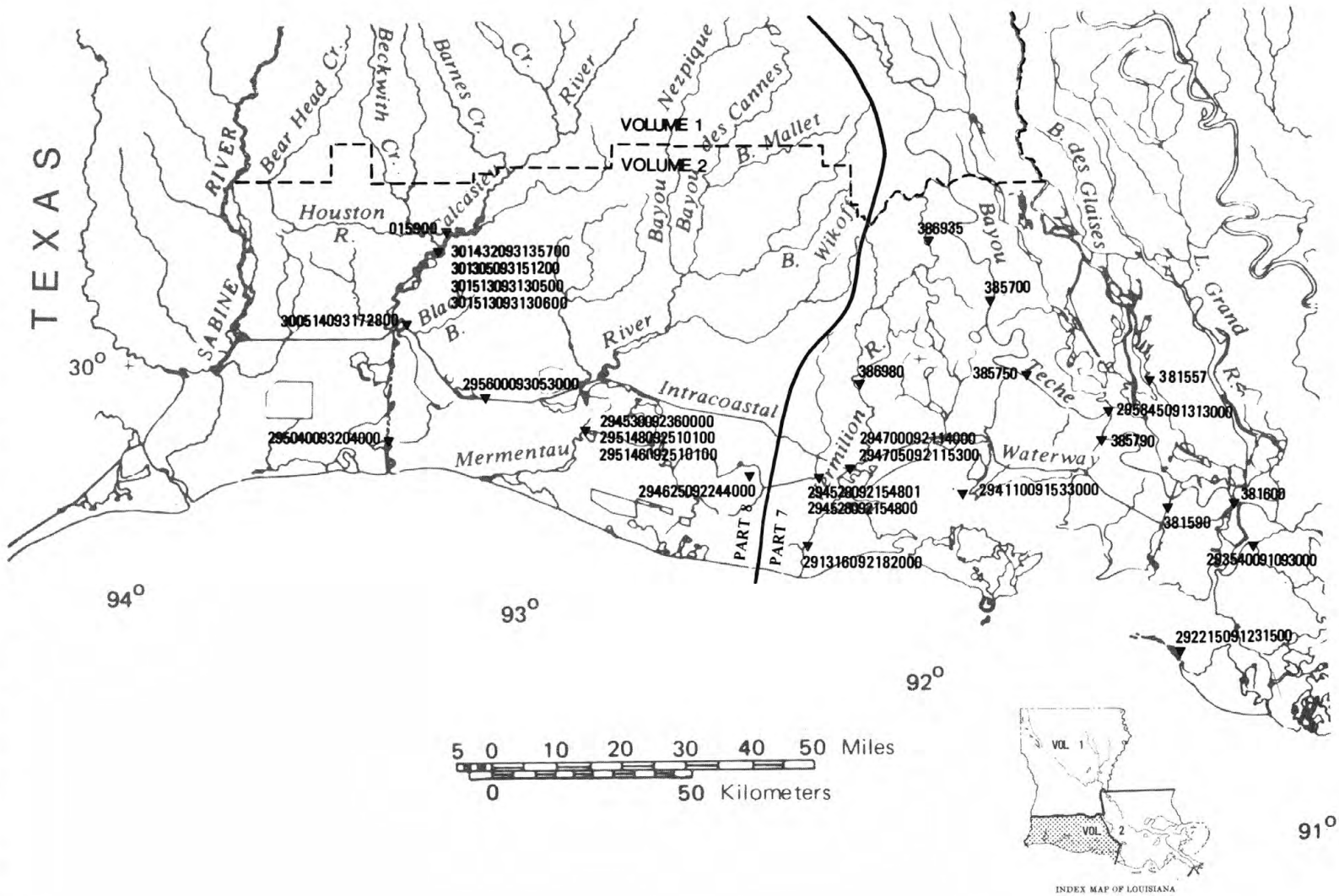


Figure 5. — Location of water-quality stations in southwestern Louisiana.

HYDROLOGIC-DATA STATION RECORDS

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA

LOCATION.--Lat 30°47'35", long 89°49'15", on line between secs. 17 and 18, T.3 S., R.14 E., Washington Parish, near right bank on downstream side of bridge on State Highway 10, 2.0 mi (3.2 km) east of Bogalusa, and 2.0 mi (3.2 km) upstream from Bogue Lusa Creek.

DRAINAGE AREA.--6,630 mi² (17,170 km²), approximately.

PERIOD OF RECORD.--October 1938 to current year.

GAGE.--Water-stage recorder. Datum of gage is 55.00 ft (16.764 m) above mean sea level (levels by Corps of Engineers). Prior to July 29, 1954, nonrecording gage at same site and datum.

REMARKS.--Water-discharge records good.

AVERAGE DISCHARGE.--38 years, 9,303 ft³/s (263.5 m³/s), 19.06 in/yr (484.1 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 99,000 ft³/s (2,804 m³/s) Apr. 17, 1974 (gage height, 22.13 ft or 6.745 m); minimum, 1,020 ft³/s (28.9 m³/s) Oct. 29 to Nov. 1, 1963; minimum gage height, 4.84 ft (1.475 m) Oct. 30, 31, 1963.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 11, 1938, reached a stage of 21.0 ft (6.40 m).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 56,500 ft³/s (1,600 m³/s) Apr. 8, gage height, 20.41 ft (6.221 m); minimum, 1,670 ft³/s (47.3 m³/s) Sept. 28-30; minimum gage height, 6.81 ft (2.067 m) Sept. 30.

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3380	23800	8430	12200	12600	9900	51000	5060	8750	4900	2540	2070
2	3540	21300	8500	13100	14900	8090	53800	5510	7780	5230	3070	2400
3	3790	16000	7300	15100	15200	7910	55200	5200	6770	4660	1800	2610
4	3670	10000	7510	18900	15200	7140	54900	5180	6780	4560	3250	2780
5	3430	7220	7130	19000	14600	6520	54900	5000	7140	4770	3010	3190
6	3370	6240	6670	18100	13700	6180	54900	4570	7090	5000	3320	3590
7	3290	7420	6480	17500	13100	6290	56100	4210	6470	5100	3570	3570
8	3220	10400	6920	17300	13000	5970	56100	4250	5750	6030	3430	3070
9	3230	12400	8160	16400	11900	7210	55400	4480	5300	7220	2990	2730
10	3220	14100	8000	15100	10800	10500	54200	6610	4950	7740	2580	2650
11	3170	13500	8840	14000	9440	14500	53100	10800	4490	7430	2330	2730
12	3080	11100	8080	13200	8130	16700	51700	12500	3900	6300	2120	2770
13	2960	9580	8730	12900	7200	18100	49900	10200	3530	5500	2040	2790
14	2870	9100	8660	12600	6720	19100	46800	7960	3390	5110	1990	2680
15	2840	8860	8690	12200	6550	20000	43300	7260	3180	4390	1950	2540
16	2920	8450	5700	12500	6500	22400	39700	7940	3000	3800	1920	2450
17	3410	7660	5730	12800	6420	26100	27000	11500	3360	3680	1930	2310
18	5770	6530	5870	12200	6170	29700	15300	15100	5950	3820	1930	2130
19	11600	5510	6740	11300	5430	32900	9480	16400	6600	3730	1990	1950
20	15600	4830	7620	10300	5760	35600	7720	15900	5250	3250	1980	1840
21	17700	4460	7910	9840	6010	37900	6440	14300	4340	2940	1860	1790
22	19100	4270	7590	9320	7550	39000	6420	12600	3920	2720	1800	1740
23	20200	4110	7200	8710	7250	41900	6010	11400	3970	2550	1890	1710
24	21100	4000	6920	7910	8740	44000	5500	10000	4340	2470	2050	1700
25	21300	3860	6780	7040	9760	48300	5130	8870	4320	2700	1890	1700
26	21200	3690	6730	6860	9700	49000	4930	7960	4200	3080	1790	1720
27	21300	3750	7020	8690	9540	50600	4660	7350	4080	3010	1730	1690
28	21700	4040	7220	11800	9540	51000	4470	7390	3900	2570	1710	1670
29	22500	5050	11600	12900	9700	50300	4570	7850	3860	2550	1740	1670
30	23400	6300	11500	12200	---	50100	4680	7330	4160	2810	1920	1670
31	24100	---	11100	11500	---	49900	---	8380	---	2620	1980	---
TOTAL	321960	257530	226700	393470	281710	824310	943410	269220	150720	132250	72110	69910
MEAN	10390	8584	7313	12690	9714	26590	31450	8685	5024	4266	2325	2330
MAX	24100	23800	11600	19000	15200	51000	56100	16400	8750	7740	3800	3590
MIN	2840	3690	5660	6860	5760	5970	4470	4210	3000	2470	1710	1670
CFSM	1.57	1.29	1.10	1.91	1.47	4.01	4.74	1.31	.76	.64	.35	.35
IN.	1.81	1.44	1.27	2.21	1.58	4.63	5.24	1.51	.85	.74	.40	.39

CAL YR 1975 TOTAL 6037750 MEAN 16540 MAX 55600 MIN 2840 CFSM 2.49 IN 33.84
WTR YR 1976 TOTAL 3943300 MEAN 10770 MAX 56100 MIN 1670 CFSM 1.52 IN 22.13

02489500 PEARL RIVER NEAR BOGALUSA, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.39	18.64	12.61	16.00	16.15	14.80	20.17	11.36	14.40	11.20	8.18	7.48
2	9.61	18.38	12.74	16.33	16.92	14.36	20.29	11.80	13.70	11.53	8.94	7.98
3	9.94	17.31	13.39	16.99	17.04	13.80	20.35	11.56	13.06	10.95	9.95	8.29
4	9.79	15.12	13.49	17.99	17.02	13.20	20.34	11.48	12.90	10.85	9.20	8.53
5	9.45	13.27	13.19	18.02	16.84	12.68	20.34	11.30	13.20	11.07	8.86	9.12
6	9.37	12.45	12.81	17.82	16.52	12.40	20.34	10.85	13.16	11.30	9.30	9.69
7	9.25	13.42	12.65	17.68	16.32	12.49	20.39	10.45	12.64	11.40	9.66	9.66
8	9.15	15.31	13.02	17.63	16.30	12.22	20.39	10.50	12.02	12.27	9.45	8.94
9	9.17	16.10	13.99	17.40	15.90	13.26	20.36	10.76	11.60	13.27	8.83	8.45
10	9.15	16.67	13.87	17.00	15.46	15.38	20.31	12.76	11.25	13.67	8.24	8.34
11	9.09	16.46	12.95	16.62	14.82	16.82	20.26	15.47	10.77	13.43	7.88	8.45
12	8.96	15.56	12.32	16.38	13.97	17.47	20.20	16.16	10.07	12.50	7.57	8.52
13	8.78	14.89	12.00	16.27	13.25	17.83	20.12	15.22	9.60	11.79	7.43	8.54
14	8.65	14.63	11.94	16.15	12.85	18.04	19.98	13.84	9.40	11.41	7.35	8.39
15	8.61	14.47	11.96	16.03	12.71	18.23	19.82	13.30	9.10	10.66	7.28	8.19
16	8.73	14.20	11.97	16.14	12.67	18.50	19.61	13.82	8.85	9.95	7.24	8.05
17	9.43	13.61	12.00	16.22	12.60	18.83	18.90	15.75	9.35	9.80	7.25	7.86
18	12.04	12.69	12.13	16.02	12.39	19.10	17.08	17.00	12.20	9.98	7.25	7.59
19	15.78	11.80	12.87	15.64	12.18	19.28	15.04	17.40	12.75	9.86	7.35	7.29
20	17.15	11.13	13.73	15.25	12.03	19.43	13.65	17.26	11.55	9.22	7.34	7.10
21	17.72	10.73	13.80	15.02	12.25	19.55	12.95	16.74	10.60	8.75	7.14	7.02
22	18.03	10.52	13.55	14.76	13.52	19.64	12.60	16.18	10.10	8.44	7.03	6.94
23	18.23	10.34	13.25	14.37	13.29	19.75	12.25	15.68	10.16	8.20	7.18	6.89
24	18.35	10.20	13.02	13.80	14.39	19.86	11.79	15.11	10.60	8.09	7.46	6.87
25	18.38	10.02	12.90	13.12	14.98	20.05	11.43	14.48	10.58	8.41	7.18	6.86
26	18.36	9.81	12.86	12.97	14.95	20.08	11.23	13.84	10.45	8.95	7.01	6.90
27	18.37	9.89	13.10	14.36	14.87	20.15	10.96	13.37	10.25	8.86	6.91	6.85
28	18.42	10.25	14.71	15.86	14.92	20.17	10.74	13.40	10.08	8.23	6.89	6.82
29	18.51	11.35	15.79	16.25	14.95	20.14	10.86	13.75	10.03	8.20	6.93	6.82
30	18.60	12.50	15.75	16.02	---	20.13	10.98	13.35	10.40	8.57	7.24	6.81
31	18.66	---	15.57	15.73	---	20.12	---	14.15	---	8.30	7.33	---
MEAN	13.00	13.39	13.22	15.99	14.55	17.35	16.79	13.81	11.16	10.29	7.83	7.84
MAX	18.66	18.64	15.79	18.02	17.04	20.17	20.39	17.40	14.40	13.67	9.95	9.69
MIN	8.61	9.81	11.94	12.97	12.03	12.22	10.74	10.45	8.85	8.09	6.89	6.81
CAL YR 1975	MEAN 15.24		MAX 20.37	MIN 8.61								
WTR YR 1976	MEAN 12.94		MAX 20.39	MIN 6.81								

02489500 PEARL RIVER NEAR BOGALUSA, LA--Continued
(National stream-quality accounting network station)

WATER QUALITY RECORDS

PERIOD OF RECORD.--Water years 1944, 1952-53, 1963-76.

PERIOD OF DAILY RECORD. - -

SPECIFIC CONDUCTANCE: November 1962 to September 1970, June 1975 to current year.

WATER TEMPERATURES: November 1962 to September 1970, June 1975 to current year.

DISSOLVED OXYGEN: June 1975 to current year.

pH: June 1975 to current year:

SUSPENDED SEDIMENT CONCENTRATIONS: April 1967 to current year.

SUSPENDED SEDIMENT DISCHARGE: April 1967 to current year.

SUSPENDED SEDIMENT (sieve diameter, percent finer than 0.0625 mm): February 1965 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 180 micromhos Sept. 10, 1965; minimum, 31 micromhos Feb. 15-17, 1966.

WATER TEMPERATURES: Maximum, 34.0°C July 14, 1967; minimum, 2.0°C Dec. 21, 1963.

DISSOLVED OXYGEN: Maximum, 12.5 mg/L Feb. 4, 1976; minimum, 3.7 mg/L June 26, 1976.

pH: Maximum, 8.1 units July 13, 14, 1975; minimum, 5.8 units Mar. 27, 1976.

SUSPENDED SEDIMENT CONCENTRATIONS: Maximum daily, 522 mg/L Dec. 17, 1967; minimum daily, 2 mg/L Nov. 11-13, 1970, Oct. 15, 17, Nov. 14, 1971.

SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 32,700 tons (29,700 tonnes) May 7, 1967; minimum daily, 7 tons (6.35 tonnes) Nov. 11-13, 1970.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 123 micromhos June 26; minimum, 36 micromhos Apr. 6, 7.

WATER TEMPERATURES: Maximum, 30.5°C June 28, 29, Aug. 7, 15-17; minimum, 6.0°C Jan. 12.

DISSOLVED OXYGEN: Maximum, 12.5 mg/L Feb. 4; minimum, 3.7 mg/L June 26.

pH: Maximum, 7.5 units Aug. 7, 18, 19, 20; minimum, 5.8 units Mar. 27.

SUSPENDED SEDIMENT CONCENTRATIONS: Maximum daily mean, 262 mg/L May 11; minimum daily mean, 15 mg/L Aug. 27, 28.

SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 13,600 tons (12,300 tonnes) Apr. 8; minimum daily, 69 tons (63 tonnes) Aug. 28.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

[illegible]

02489500 PEARL RIVER NEAR BOGALUSA, LA --Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	CAR- BONATE (CO3) (MG/L)	ALKA- LITY AS CACO3 (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO- GEN (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L)
OCT. 17...	0	14	7.4	7.8	.1	.21	.01	.02	.36	.06	52	50
NOV. 25...	0	16	--	--	--	.24	.00	.05	.32	.07	--	--
DEC. 05...	0	11	--	--	--	.23	.01	.06	.59	.12	--	--
FEB. 03...	0	8	11	5.4	.2	.20	.01	.07	.54	.10	53	42
25...	0	13	--	--	--	.26	.01	.06	.45	.11	--	--
MAR. 14...	0	7	7.2	5.0	.3	.11	.01	.04	.62	.12	--	31
APR. 15...	0	13	6.1	3.7	.1	.09	.01	.07	.64	.07	42	33
MAY 11...	0	12	--	--	--	.45	.03	.11	.73	.15	--	--
JUNE 03...	0	15	--	--	--	--	--	--	.51	.15	--	--
JULY 08...	0	15	8.1	6.8	.1	--	--	--	.79	.09	51	47
AUG. 24...	0	13	--	--	--	--	--	--	.45	.06	--	--
SEP. 02...	0	14	--	--	--	--	--	--	.35	.06	--	--

DATE	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SODIUM AD- SORP- TION RATIO	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL PHYTO- PLANK- TON (CELLS PER ML)	FECAL COLI- FORM (COL. PER 100 ML)	STREP- TOCOCCI (COL- ONIES PER 100 ML)
OCT. 17...	11	0	1.1	73	6.9	21.5	40	10	.0	880	1100	1900
NOV. 25...	--	--	--	76	6.9	11.5	30	10	.4	380	13	8
DEC. 05...	--	--	--	51	6.7	--	50	30	2.1	760	330	230
FEB. 03...	11	3	.7	61	6.4	10.5	60	30	2.6	600	2500	630
25...	--	--	--	67	7.0	14.0	70	40	3.7	2000	480	180
MAR. 14...	9	2	.6	54	7.1	14.5	50	65	3.0	11000	980	680
APR. 15...	11	0	.5	48	6.7	--	60	30	1.3	230	29	80
MAY 11...	--	--	--	69	6.2	21.5	40	55	3.4	--	90	360
JUNE 03...	--	--	--	72	6.8	23.5	40	75	--	1100	170	110
JULY 08...	14	0	1.0	75	7.0	28.0	40	30	2.5	2500	--	--
AUG. 24...	--	--	--	87	6.4	28.0	30	15	2.5	500	240	1200
SEP. 02...	--	--	--	88	6.9	28.0	60	15	3.3	96	120	480

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA --Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	TOTAL COBALT (CO) (UG/L)	DIS- SOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)
OCT. 17...	1	1	0	0	<10	0	0	0	2	2	3	0
FEB. 03...	1	0	0	0	<10	0	0	0	2	6	3	0
APR. 15...	1	0	3	3	10	0	0	0	--	12	3	0
JULY 04...	2	1	1	0	20	0	0	0	21	17	10	0

DATE	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL SELE- NIUM (SE) (UG/L)	DIS- SOLVED SELE- NIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT. 17...	.0	.0	1	0	50	20
FEB. 03...	.1	.1	0	0	20	20
APR. 15...	.1	.1	0	0	40	30
JULY 04...	.2	.0	0	0	70	20

02489500 PEARL RIVER NEAR BOGALUSA, LA --Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	84	82	58	55	80	74	78	67	83	75	79	73
2	83	80	60	55	81	62	66	60	82	60	79	75
3	83	72	62	59	92	82	70	63	68	63	79	76
4	78	71	64	61	89	65	73	62	68	62	80	76
5	84	72	67	64	69	64	65	61	78	68	78	71
6	71	68	72	66	77	67	65	61	80	60	79	73
7	73	67	76	53	80	60	72	66	78	72	84	74
8	76	72	85	59	102	67	74	70	73	60	80	72
9	74	72	73	61	70	65	76	72	71	68	74	69
10	78	72	72	53	66	58	72	68	76	60	79	70
11	86	78	71	52	65	59	75	70	82	70	75	61
12	86	81	76	69	78	63	82	60	91	80	61	51
13	82	78	76	71	78	68	81	78	102	90	61	57
14	81	77	70	63	76	72	80	71	98	93	65	61
15	80	57	62	57	78	74	74	71	109	100	65	62
16	79	74	58	57	78	70	79	71	102	96	64	58
17	78	74	61	56	72	65	78	72	100	91	57	52
18	102	70	67	60	66	62	89	75	100	93	54	50
19	71	46	74	68	63	61	84	68	98	93	51	49
20	48	45	77	73	64	59	77	72	101	84	54	50
21	51	46	78	74	84	61	75	71	100	85	55	51
22	55	52	83	78	88	81	81	64	98	76	55	52
23	56	52	82	78	88	73	79	75	96	84	54	51
24	58	55	83	74	74	69	77	73	103	88	55	52
25	54	52	83	68	72	69	83	68	93	82	53	50
26	57	54	87	74	74	69	85	81	96	81	52	49
27	59	56	85	72	75	65	78	70	98	92	51	48
28	59	57	79	74	66	62	77	56	88	80	50	47
29	58	56	82	75	74	62	76	51	78	75	50	47
30	57	55	91	79	80	69	87	77	---	---	49	47
31	57	54	---	---	81	77	89	80	---	---	49	46
MONTH	102	45	91	52	102	58	89	51	109	60	84	46

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	47	45	72	70	78	68	68	65	87	79	98	93
2	47	42	73	68	81	67	76	66	89	84	96	90
3	43	40	77	68	80	73	76	66	91	80	96	91
4	41	39	92	78	77	73	73	65	80	76	94	90
5	39	37	90	85	78	75	72	68	94	81	91	71
6	39	35	84	75	78	70	68	64	97	93	81	72
7	40	36	74	73	75	72	78	67	107	97	82	71
8	42	40	75	71	83	76	80	66	98	84	77	70
9	42	40	79	74	83	80	86	77	89	86	89	75
10	42	40	82	77	84	81	88	69	89	83	91	84
11	42	40	88	44	87	84	75	63	82	75	86	83
12	43	42	63	49	88	84	69	63	78	75	96	83
13	45	42	66	53	85	83	70	68	82	77	95	83
14	47	45	71	66	86	84	79	70	78	75	97	92
15	51	46	72	70	87	85	74	69	77	75	101	96
16	56	50	71	66	90	87	75	73	78	76	105	97
17	59	55	66	50	92	86	75	72	84	78	96	89
18	62	58	55	48	92	62	77	73	88	83	91	88
19	66	62	58	56	65	57	77	76	88	86	91	89
20	72	66	58	44	70	61	81	75	90	87	91	88
21	74	72	57	54	96	69	77	74	94	88	88	83
22	81	75	54	53	100	90	76	73	96	93	84	82
23	84	80	58	52	100	96	79	74	94	88	84	81
24	88	83	59	57	98	95	90	72	91	87	87	84
25	89	86	60	58	122	96	93	90	90	83	89	86
26	89	85	63	60	123	93	82	74	85	83	91	87
27	84	70	64	63	95	79	87	75	86	83	92	90
28	73	72	84	62	78	75	82	76	91	87	90	88
29	73	70	85	52	77	71	84	76	93	90	91	88
30	73	71	69	52	70	68	97	85	96	93	91	87
31	---	---	81	70	---	---	93	83	95	93	---	---

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA --Continued

DISSOLVED OXYGEN (DO), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	8.6	7.7	9.6	7.4	10.3	10.1	10.8	10.6	11.1	10.8	11.0	10.6
2	8.9	8.3	8.8	8.1	10.5	10.2	10.8	10.7	12.0	10.6	10.8	10.3
3	9.5	8.7	9.1	7.8	10.7	10.4	10.8	10.3	12.3	10.5	10.6	10.1
4	9.4	8.8	8.6	7.6	10.8	10.7	10.9	10.2	12.5	10.5	10.3	9.7
5	9.5	9.0	9.0	7.6	10.8	10.5	11.2	10.9	11.6	10.5	10.0	9.2
6	9.6	9.0	9.1	7.7	10.7	10.4	11.3	11.1	11.7	10.4	9.2	8.6
7	9.5	8.6	8.2	7.3	10.4	10.3	11.3	10.9	11.7	10.5	9.0	8.7
8	9.3	8.4	8.1	7.4	10.3	10.1	11.0	10.8	11.8	10.7	9.0	8.7
9	9.0	8.2	7.4	6.6	10.5	10.3	11.8	10.8	12.1	10.8	9.5	8.6
10	9.1	8.6	7.1	6.3	10.4	10.1	11.8	11.6	12.2	11.0	9.7	9.1
11	9.0	8.4	6.9	6.4	10.2	10.1	11.7	11.6	12.2	11.6	9.2	8.8
12	8.8	8.1	6.8	6.3	10.3	9.9	11.5	11.3	11.9	10.8	9.2	8.8
13	8.4	7.7	7.2	6.5	10.3	10.1	11.4	11.2	11.0	10.6	9.1	8.7
14	8.3	7.8	7.9	7.0	10.2	9.9	11.3	11.2	11.0	10.5	9.2	8.9
15	8.4	7.8	7.8	7.4	10.1	9.8	11.3	10.8	10.9	10.5	9.3	9.0
16	8.4	7.7	8.2	8.0	9.7	9.5	11.3	10.8	10.8	10.2	9.3	9.0
17	8.4	7.8	8.5	8.4	9.7	9.5	11.1	10.7	10.9	10.4	9.2	8.8
18	8.5	7.6	8.7	8.6	10.3	9.7	11.0	10.7	10.7	10.2	9.6	8.8
19	8.4	7.3	8.9	8.6	10.9	10.2	11.0	10.7	10.5	10.3	9.5	9.1
20	8.1	7.3	9.0	8.8	11.1	10.7	11.1	10.8	10.6	10.3	9.3	8.9
21	9.0	7.8	9.5	9.1	11.1	10.9	11.3	10.9	10.7	10.2	9.0	8.7
22	10.3	8.9	9.8	9.5	11.2	11.0	11.2	10.8	10.7	10.1	8.9	8.6
23	10.6	8.6	10.1	9.8	11.4	11.2	11.2	10.9	11.0	10.4	8.7	8.3
24	9.2	7.7	10.3	10.0	11.5	11.1	11.1	10.6	11.3	10.0	8.6	8.3
25	8.9	8.2	10.4	10.2	11.5	11.2	10.5	10.1	10.4	9.9	8.5	8.0
26	9.4	8.8	10.4	10.2	11.3	11.1	10.3	9.8	10.6	10.0	8.1	7.8
27	10.0	9.3	10.5	10.2	11.4	11.1	10.3	9.7	10.8	10.3	7.8	7.7
28	10.6	9.2	10.6	10.4	11.6	11.1	10.4	9.7	11.3	10.8	7.9	7.6
29	10.6	9.2	10.7	10.6	11.4	10.8	10.7	10.2	11.1	10.6	7.8	7.5
30	10.5	9.6	10.7	10.3	10.8	10.5	10.8	10.2	---	---	7.6	7.3
31	10.5	8.3	---	---	10.6	10.5	11.3	10.4	---	---	7.7	7.4
MONTH	10.6	7.3	10.7	6.3	11.6	9.5	11.8	9.7	12.5	9.9	11.0	7.3

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	8.0	7.7	7.9	6.9	7.5	7.0	7.8	7.0	7.3	6.7	7.4	6.8
2	7.9	7.6	8.3	7.5	7.4	6.9	7.7	7.2	7.4	6.8	7.3	6.6
3	7.9	7.6	9.1	7.8	7.7	7.2	7.2	6.7	7.5	6.8	7.2	6.4
4	7.8	7.6	10.2	7.9	8.2	7.5	6.9	6.7	7.2	6.7	7.2	6.8
5	7.7	7.5	10.6	9.4	8.5	8.1	6.9	6.7	7.1	6.6	7.3	6.9
6	7.6	7.4	10.5	9.4	8.9	8.3	7.2	6.9	7.8	6.8	7.2	6.6
7	7.6	7.4	9.7	8.6	8.7	8.3	7.2	6.8	8.7	7.4	7.3	6.8
8	7.6	7.4	9.5	8.0	8.6	8.0	7.2	6.9	8.2	7.5	7.6	7.0
9	7.7	7.5	9.6	8.9	8.7	8.1	7.0	6.7	8.6	7.2	7.3	6.9
10	7.8	7.5	9.4	8.9	8.9	8.3	6.7	6.4	8.3	7.7	7.6	7.1
11	7.7	7.2	9.2	8.2	9.1	8.4	6.6	6.3	7.9	7.3	7.8	7.2
12	7.3	7.0	8.7	8.2	9.4	8.2	6.5	6.3	7.9	7.0	8.1	7.7
13	7.8	7.1	8.6	8.0	9.6	8.7	6.8	6.2	7.5	6.9	8.1	7.5
14	7.9	7.5	8.6	8.2	9.9	9.0	6.8	6.6	7.1	6.6	7.9	7.1
15	7.6	7.2	8.8	8.2	9.2	8.6	6.6	6.3	6.7	6.2	7.7	7.2
16	7.3	6.8	9.0	8.5	8.6	7.8	6.6	6.2	6.4	5.9	8.1	7.5
17	7.0	6.5	9.1	8.3	7.9	7.2	6.7	6.4	6.4	5.8	8.4	7.7
18	7.0	6.4	8.4	7.9	7.5	6.6	7.1	6.7	5.8	5.3	8.3	7.8
19	7.2	6.8	8.5	7.8	7.0	6.5	7.2	7.0	5.4	4.9	8.1	7.7
20	7.4	6.9	8.6	8.1	7.5	6.6	7.1	6.7	5.4	4.8	7.9	7.4
21	7.8	7.2	9.1	8.2	7.5	6.6	6.9	6.6	4.9	4.4	7.7	7.3
22	7.7	7.2	9.1	8.4	7.2	6.3	7.4	6.6	4.5	4.1	7.9	7.3
23	7.7	6.9	9.5	8.8	6.7	5.2	7.4	6.6	5.7	4.7	8.4	7.7
24	8.2	7.1	9.2	8.5	5.4	4.2	6.9	6.5	7.3	5.3	8.4	7.9
25	8.4	7.5	9.4	8.6	4.5	4.1	6.9	6.6	7.2	6.7	8.1	7.5
26	8.6	7.5	9.3	8.6	4.3	3.7	6.8	6.3	7.3	7.0	8.9	7.5
27	8.7	7.8	8.7	7.9	4.1	3.8	7.0	6.4	7.4	7.0	8.3	7.3
28	8.9	7.8	8.4	7.8	6.4	4.4	6.7	6.3	7.3	7.0	8.1	7.5
29	8.5	7.8	7.9	7.4	7.0	6.6	6.7	6.2	7.5	7.1	8.2	7.3
30	8.1	7.4	7.6	7.0	7.6	6.8	7.0	6.3	7.3	6.9	8.0	7.4
31	---	---	7.5	6.9	---	---	7.5	6.8	7.1	6.9	---	---

02489500 PEARL RIVER NEAR BOGALUSA, LA --Continued

PH (UNITS): WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	6.6	6.5	6.6	6.5	6.5	6.4	6.7	6.4	6.4	6.4
2	---	---	6.6	6.5	6.5	6.5	6.5	6.4	6.5	6.4	6.4	6.3
3	---	---	6.5	6.3	6.6	6.5	6.5	6.2	6.4	6.4	6.4	6.4
4	---	---	6.5	6.4	6.6	6.4	6.2	6.1	6.4	6.1	6.4	6.3
5	---	---	6.6	6.5	6.4	6.4	6.2	6.1	6.5	6.4	6.4	6.3
6	---	---	6.6	6.5	6.5	6.4	6.2	6.1	6.5	6.4	6.4	6.3
7	---	---	6.8	6.6	6.5	6.4	6.3	6.2	6.5	6.4	6.6	6.4
8	---	---	6.8	6.5	6.5	6.4	6.3	6.3	6.4	6.4	6.6	6.5
9	7.0	6.9	6.8	6.5	6.5	6.5	6.7	6.1	6.4	6.4	6.7	6.5
10	6.9	6.9	6.7	6.4	6.5	6.3	6.8	6.7	6.4	6.4	6.7	6.5
11	7.0	6.9	6.6	6.4	6.3	6.3	6.8	6.7	6.5	6.4	6.6	6.4
12	7.0	6.9	6.6	6.5	6.4	6.1	6.7	6.7	6.6	6.4	6.4	6.2
13	7.0	6.8	6.6	6.5	6.5	6.4	6.7	6.5	6.5	6.4	6.4	6.1
14	6.9	6.8	6.6	6.5	6.5	6.4	6.5	6.5	6.5	6.4	6.4	6.4
15	---	---	6.5	6.5	6.5	6.5	6.5	6.4	6.5	6.4	6.4	6.2
16	---	---	6.5	6.5	6.5	6.5	6.6	6.5	6.4	6.4	6.3	6.2
17	---	---	6.5	6.5	6.5	6.5	6.6	6.5	6.5	6.4	6.4	6.3
18	---	---	6.5	6.5	6.5	6.5	6.7	6.4	6.5	6.4	6.3	6.1
19	---	---	6.6	6.5	6.6	6.5	6.7	6.4	6.5	6.4	6.1	6.1
20	---	---	6.6	6.6	6.6	6.6	6.6	6.4	6.5	6.4	6.1	6.0
21	---	---	6.7	6.4	6.7	6.6	6.6	6.5	6.5	6.2	6.0	5.9
22	---	---	6.7	6.6	6.7	6.7	6.6	6.5	6.4	6.1	6.0	6.0
23	---	---	6.7	6.5	6.7	6.6	6.5	6.5	6.5	6.1	6.0	5.9
24	---	---	6.7	6.7	6.6	6.6	6.5	6.5	6.8	6.6	6.0	5.9
25	6.8	6.6	6.7	6.5	6.6	6.6	6.5	6.5	6.7	6.4	5.9	5.9
26	6.7	6.7	6.7	6.6	6.6	6.5	6.6	6.5	6.7	6.6	5.9	5.9
27	6.8	6.7	6.6	6.4	6.5	6.5	6.6	6.5	6.7	6.6	5.9	5.8
28	6.8	6.7	6.6	6.6	6.6	6.5	6.6	6.4	6.6	6.5	5.9	5.9
29	6.7	6.7	6.8	6.4	6.4	6.4	6.6	6.4	6.5	6.4	5.9	5.9
30	6.6	6.5	6.8	6.7	6.5	6.2	6.8	6.4	---	---	5.9	5.9
31	6.6	6.5	---	---	6.5	6.5	6.7	6.5	---	---	6.0	5.9
MONTH	---	---	6.8	6.3	6.7	6.1	6.8	6.1	6.8	6.1	6.7	5.8

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	6.0	5.9	6.7	6.4	6.8	6.6	6.7	6.4	7.1	6.9	6.6	6.5
2	6.0	5.9	6.7	6.6	6.7	6.6	6.7	6.4	7.1	7.0	6.6	6.6
3	5.9	5.9	6.7	6.6	6.7	6.5	6.7	6.6	7.1	7.0	6.6	6.5
4	5.9	5.9	6.8	6.5	6.7	6.6	6.7	6.6	7.0	6.9	6.6	6.6
5	6.0	5.9	6.9	6.5	6.7	6.5	6.6	6.6	7.1	6.9	6.6	6.4
6	6.0	5.9	6.8	6.5	6.8	6.5	6.6	6.5	7.2	7.1	6.5	6.4
7	6.0	5.9	6.6	6.4	6.7	6.6	6.6	6.6	7.5	7.2	6.5	6.5
8	6.0	6.0	6.6	6.5	6.7	6.4	6.8	6.6	7.4	7.1	6.6	6.5
9	6.1	6.0	6.6	6.5	6.7	6.6	6.8	6.8	7.2	7.1	6.6	6.5
10	6.1	6.0	6.7	6.6	6.8	6.5	6.9	6.7	7.2	7.1	6.7	6.5
11	6.1	6.0	6.7	6.0	6.8	6.7	6.8	6.7	7.1	7.1	6.7	6.6
12	6.1	6.0	6.3	6.1	6.9	6.5	6.7	6.6	7.2	7.1	6.8	6.5
13	6.1	6.0	6.4	6.1	6.9	6.7	6.7	6.4	7.3	7.1	6.8	6.7
14	6.1	6.1	6.4	6.2	7.0	6.7	7.2	6.6	7.3	7.2	6.8	6.8
15	6.2	6.1	6.5	6.4	6.9	6.7	7.2	7.1	7.3	7.2	6.8	6.8
16	6.2	6.1	6.6	6.5	6.8	6.6	7.1	7.0	7.4	7.2	6.8	6.8
17	6.1	6.1	6.6	6.3	6.7	6.6	7.1	6.8	7.4	7.3	6.8	6.7
18	6.2	6.1	6.3	6.0	6.6	6.1	7.2	7.1	7.5	7.4	6.7	6.7
19	6.3	6.1	6.4	6.1	6.2	6.0	7.2	7.2	7.5	7.4	6.7	6.7
20	6.4	6.1	6.5	6.2	6.4	6.0	7.0	6.9	7.5	7.4	6.7	6.6
21	6.5	6.2	6.6	6.5	6.8	6.4	6.9	6.8	7.4	7.4	6.7	6.6
22	6.5	6.5	6.6	6.6	6.9	6.5	7.0	6.9	7.4	7.4	6.6	6.6
23	6.6	6.5	6.8	6.6	7.0	6.8	7.0	6.9	7.4	7.4	6.6	6.6
24	6.6	6.5	6.8	6.5	7.1	6.8	7.0	6.9	7.4	7.3	6.7	6.6
25	6.7	6.5	6.8	6.5	7.4	6.9	7.0	6.9	7.3	7.2	6.7	6.6
26	6.7	6.5	6.8	6.5	7.2	6.8	7.0	6.9	7.1	7.0	7.1	6.6
27	6.7	6.4	6.7	6.5	6.8	6.7	7.1	6.9	7.0	6.9	6.9	6.7
28	6.8	6.4	6.7	6.4	6.8	6.6	7.0	6.9	6.9	6.8	6.8	6.8
29	6.7	6.4	6.6	6.4	6.8	6.6	7.1	7.0	6.8	6.7	7.0	6.7
30	6.7	6.4	6.7	6.2	6.8	6.5	7.1	7.1	6.6	6.5	7.1	6.8
31	---	---	6.9	6.5	---	---	7.1	7.0	6.4	6.4	---	---

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA --Continued

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	22.5	20.0	19.0	18.0	13.5	12.0	9.5	8.5	10.5	9.5	16.0	15.0
2	22.5	21.5	19.0	18.0	11.5	11.0	10.0	9.0	10.0	9.0	16.5	16.0
3	21.5	20.0	19.0	18.0	11.0	10.5	10.0	9.0	10.0	9.5	17.5	16.5
4	21.0	20.0	19.5	19.0	11.0	10.5	9.0	8.0	10.5	10.0	18.5	17.5
5	21.0	20.0	20.0	19.5	12.0	11.0	8.0	7.5	11.5	10.5	19.5	18.5
6	20.5	19.5	20.5	20.0	13.0	11.0	7.5	7.0	11.5	11.0	19.5	18.5
7	20.5	20.0	20.5	19.5	13.0	12.5	8.5	7.5	11.0	10.5	18.5	17.5
8	21.5	20.0	20.5	20.0	13.0	12.5	8.0	7.0	10.5	9.5	17.5	16.5
9	22.0	20.0	20.5	20.0	12.0	12.0	7.0	6.5	10.5	9.5	17.0	16.0
10	22.5	21.5	20.5	20.0	12.0	11.5	7.0	6.5	11.0	10.0	15.5	14.5
11	23.0	21.0	20.5	20.0	12.0	11.0	7.5	7.0	12.0	10.5	14.5	14.0
12	23.5	22.0	20.5	19.5	12.0	11.0	8.0	6.0	13.0	12.0	15.0	14.5
13	23.5	22.0	19.0	17.5	13.0	11.5	9.0	8.0	13.5	12.5	15.0	14.5
14	23.0	22.0	17.0	16.0	14.0	13.0	9.0	9.0	14.5	13.0	14.5	14.0
15	23.0	22.5	16.0	15.5	14.5	13.5	9.0	8.5	15.0	14.0	14.5	13.5
16	23.0	22.5	15.5	14.5	14.5	14.0	9.5	8.5	15.5	15.0	14.5	14.0
17	22.5	21.0	15.0	14.5	14.0	13.0	8.5	8.0	17.0	15.5	14.0	13.5
18	21.5	20.5	15.0	14.5	13.0	10.5	8.5	7.0	17.5	16.5	14.0	13.5
19	20.5	19.5	15.5	14.5	10.5	9.5	8.5	7.5	17.5	16.5	14.0	13.5
20	19.5	19.0	15.5	15.0	9.5	9.0	8.0	7.5	17.0	16.0	15.0	14.0
21	19.0	17.5	15.0	13.5	9.0	8.5	8.5	7.5	17.0	17.0	15.5	15.0
22	18.5	18.0	13.5	12.5	8.5	7.5	8.5	7.5	16.5	14.0	15.5	15.0
23	18.5	18.0	12.5	11.5	8.0	7.5	9.0	7.5	14.0	13.0	15.5	15.0
24	19.0	18.0	11.5	11.0	8.0	7.5	9.5	8.5	14.0	13.0	16.0	15.5
25	19.5	18.0	11.5	10.5	8.0	7.5	11.0	9.0	14.0	13.0	16.0	16.0
26	19.0	19.0	11.5	10.5	8.0	7.5	11.5	11.0	15.0	13.5	17.0	16.0
27	19.0	18.5	11.0	10.0	8.5	7.5	11.0	10.5	15.0	14.0	17.5	17.0
28	19.0	18.5	11.0	10.0	8.0	7.5	10.5	9.5	15.0	14.0	17.5	17.0
29	19.0	17.5	13.0	11.0	8.5	8.0	10.0	9.5	16.0	14.5	18.5	17.5
30	19.0	18.5	14.0	13.0	9.0	7.0	10.5	9.0	---	---	18.5	18.5
31	18.5	18.0	---	---	9.5	8.5	10.0	9.5	---	---	18.5	17.5
MONTH	23.5	17.5	20.5	10.0	14.5	7.0	11.5	6.0	17.5	9.0	19.5	13.5

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	17.5	17.0	22.0	21.0	24.0	23.5	28.5	27.0	30.0	29.0	28.5	27.5
2	18.0	17.0	21.5	20.5	24.5	23.0	28.5	27.0	29.0	28.5	28.5	27.0
3	18.0	17.0	22.5	20.5	25.0	24.0	27.5	27.0	28.5	27.5	28.5	27.5
4	18.0	17.5	22.5	21.0	25.5	24.5	27.0	26.5	28.5	27.0	28.5	27.5
5	18.0	17.5	22.5	21.0	25.5	25.0	27.0	26.0	29.0	27.5	28.0	26.5
6	18.5	18.0	23.0	21.5	25.5	25.0	26.0	25.0	30.0	28.0	27.0	26.0
7	18.5	18.0	23.0	22.5	26.0	24.5	27.0	25.5	30.5	29.0	27.0	26.0
8	19.0	18.5	22.5	21.5	26.0	24.5	28.0	26.5	30.0	29.0	28.0	26.0
9	18.5	18.0	23.0	21.5	26.0	25.0	28.5	27.5	29.5	28.0	28.0	27.0
10	18.5	18.0	22.5	21.5	26.5	25.5	28.0	27.5	28.5	27.0	28.0	27.0
11	19.0	18.0	21.5	21.0	27.5	26.0	29.5	28.0	29.0	27.0	26.5	25.5
12	19.5	18.5	21.5	20.5	28.0	26.5	29.5	28.5	29.0	27.5	25.5	24.5
13	19.5	19.0	21.5	21.0	28.5	27.0	29.0	23.5	29.5	28.0	26.0	24.5
14	20.0	19.5	21.5	21.0	28.5	27.0	28.5	28.0	30.0	28.5	26.0	25.0
15	20.5	19.5	22.0	20.5	28.5	27.5	28.0	27.0	30.5	29.0	26.0	25.0
16	20.5	20.0	22.5	21.5	28.0	27.5	29.0	27.0	30.5	29.0	26.0	25.0
17	21.0	20.5	22.5	21.5	27.5	26.5	28.5	27.0	30.5	29.0	26.0	25.0
18	21.5	20.5	21.5	20.5	26.5	27.5	28.0	26.5	30.0	29.0	26.5	25.0
19	22.0	21.0	21.0	20.0	26.5	25.5	27.5	27.0	29.5	28.0	26.5	25.5
20	22.0	21.5	21.0	20.0	27.0	26.0	29.0	28.0	28.5	27.5	26.5	25.5
21	22.5	21.5	22.0	20.5	28.0	26.0	29.5	28.0	29.0	27.5	26.0	25.0
22	23.0	21.5	22.0	21.5	28.5	27.0	30.0	28.5	29.0	27.5	25.5	24.5
23	23.5	22.0	22.5	21.5	28.5	27.5	30.5	29.0	29.0	27.5	25.0	24.0
24	23.5	23.0	23.0	22.0	28.5	28.0	30.5	29.0	29.0	27.5	25.5	24.5
25	24.0	23.0	23.5	22.5	29.5	28.0	30.5	29.0	29.0	28.0	26.0	25.0
26	23.5	22.5	23.5	23.0	29.5	28.5	29.5	28.0	29.0	28.0	26.5	25.0
27	23.0	21.5	23.0	22.5	29.5	28.5	29.5	28.5	29.5	28.0	26.5	25.5
28	23.0	21.5	22.5	22.0	30.5	29.0	30.5	29.0	29.0	28.0	26.0	25.0
29	22.5	22.0	23.0	22.0	30.5	29.5	30.0	29.0	28.5	27.5	25.5	24.5
30	22.5	22.0	24.0	22.5	29.0	28.5	29.5	27.5	29.5	28.0	25.0	24.0
31	---	---	24.5	24.0	---	---	30.0	28.5	29.0	28.0	---	---

02489500 PEARL RIVER NEAR BOGALUSA, LA --Continued

SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DAY	MEAN CONCEN- TRATION (MG/L)	SUSPENDED- SEDIMENT DISCHARGE (TONS/DAY)	MEAN CONCEN- TRATION (MG/L)	SUSPENDED- SEDIMENT DISCHARGE (TONS/DAY)	MEAN CONCEN- TRATION (MG/L)	SUSPENDED- SEDIMENT DISCHARGE (TONS/DAY)	MEAN CONCEN- TRATION (MG/L)	SUSPENDED- SEDIMENT DISCHARGE (TONS/DAY)
OCTOBER			NOVEMBER		DECEMBER		JANUARY	
1			---	---	---	---	116	3820
2			---	---	70	1250	---	---
3			---	---	90	1790	---	---
4			---	---	81	1640	---	---
5			---	---	57	1100	---	---
6			---	---	49	882	---	---
7			---	---	72	1260	---	---
8			---	---	72	1350	---	---
9			---	---	62	1370	---	---
10			---	---	57	1230	---	---
11			---	---	36	665	---	---
12			132	3960	50	821	---	---
13			97	2510	52	804	---	---
14			61	1500	76	1160	---	---
15			58	1390	98	1510	---	---
16			65	1480	94	1450	---	---
17			64	1320	88	1360	---	---
18			58	1020	95	1510	---	---
19			47	699	65	1180	---	---
20			62	809	39	823	---	---
21			86	1040	46	982	---	---
22			92	1060	70	1430	---	---
23			78	866	82	1590	---	---
24			59	637	94	1760	---	---
25			---	---	86	1590	---	---
26			---	---	136	2470	---	---
27			---	---	180	3410	---	---
28			---	---	176	4380	---	---
29			---	---	179	5610	---	---
30			---	---	154	4780	---	---
31			---	---	130	3900	---	---
TOTAL			---	---	---	55037	---	---
FEBRUARY			MARCH		APRIL		MAY	
1	---	---	86	2180	85	11700	39	533
2	---	---	86	2020	81	11800	54	803
3	---	---	73	1560	75	11200	36	511
4	---	---	72	1390	67	9930	27	378
5	84	3310	73	1290	65	9630	29	391
6	79	2920	79	1320	73	10800	23	284
7	79	2790	67	1140	70	10600	26	296
8	81	2840	60	967	90	13600	30	344
9	74	2380	80	1590	76	11400	34	411
10	55	1600	120	3430	60	8780	97	1730
11	59	1500	178	7020	52	7460	262	7640
12	56	1230	206	9290	46	6420	177	6020
13	59	1150	214	10500	49	6600	119	3280
14	53	962	207	10700	52	6570	86	1850
15	52	920	190	10400	68	7950	70	1370
16	57	1000	169	10200	79	8320	93	1990
17	62	1070	164	11600	100	7290	170	5280
18	56	933	152	12300	135	5580	258	10500
19	49	785	143	12700	149	3970	193	8550
20	48	746	139	13400	104	2170	141	6050
21	82	1330	129	13200	81	1500	112	4320
22	110	2240	121	12900	62	1070	107	3640
23	96	1880	106	12000	44	714	94	2890
24	89	2100	102	12200	48	713	105	2840
25	104	2740	84	11000	50	693	94	2250
26	119	3120	89	11800	33	439	80	1720
27	105	2700	97	13300	34	428	85	1690
28	78	2030	97	13400	58	700	98	1960
29	70	1830	92	12500	36	444	106	2250
30	---	---	88	11900	26	329	73	1440
31	---	---	88	11900	---	---	91	2060
TOTAL	---	46106	---	261067	---	178800	---	85271

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA --Continued

SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DAY	MEAN CONCEN- TRATION (MG/L)	SUSPENDED- SEDIMENT DISCHARGE (TONS/DAY)	MEAN CONCEN- TRATION (MG/L)	SUSPENDED- SEDIMENT DISCHARGE (TONS/DAY)	MEAN CONCEN- TRATION (MG/L)	SUSPENDED- SEDIMENT DISCHARGE (TONS/DAY)	MEAN CONCEN- TRATION (MG/L)	SUSPENDED- SEDIMENT DISCHARGE (TONS/DAY)
	JUNE		JULY		AUGUST		SEPTEMBER	
1	132	3120	112	1480	70	480	39	218
2	180	3780	102	1440	84	696	47	305
3	135	2540	86	1080	67	687	64	451
4	121	2220	100	1230	60	526	58	435
5	124	2390	90	1160	57	463	67	577
6	109	2090	69	931	41	368	61	591
7	110	1920	62	854	44	424	50	482
8	108	1680	87	1420	41	380	48	398
9	110	1570	135	2630	45	363	46	339
10	114	1520	258	5390	37	258	44	315
11	82	994	146	2930	41	258	44	324
12	78	821	94	1600	51	292	47	352
13	75	715	69	1020	50	275	48	362
14	62	567	72	993	50	269	42	304
15	62	532	85	1010	---	---	40	274
16	62	502	80	821	---	---	40	265
17	81	735	74	735	---	---	50	312
18	94	1510	75	774	33	172	48	276
19	76	1350	70	705	35	188	41	216
20	63	893	60	528	36	192	34	169
21	51	598	56	445	37	186	33	159
22	55	582	52	382	31	151	34	160
23	60	643	53	365	31	158	30	139
24	66	773	55	367	30	167	29	133
25	69	805	59	430	30	153	30	138
26	70	794	71	590	23	111	35	163
27	67	738	61	496	15	70	36	164
28	56	590	54	375	15	69	38	171
29	55	573	53	365	27	127	38	171
30	85	955	53	402	33	171	38	171
31	---	---	53	375	33	176	---	---
TOTAL	---	38500	---	33323	---	7830	---	8534

02489500 PEARL RIVER NEAR BOGALUSA, LA --Continued

OCT. 17, 1975
1050 HOURS

IDENTIFICATION OF PHYTOPLANKTON

880 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOPHYCEAE			
..CHLOCOCCALES			
..OCCYSTACEAE			
....ANKISTRODESUS		29	3
....KIRCHNERIELLA		29	3
....TETRAEDRON		22	2
....SCENEDESMACEAE			
....CRUCIGENIA		58	7
....SCENEDESMUS		100	11
....TETRASTRUM		29	3
..OCCYSTACEAE			
....GLUEOACTINIUM		120	13
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
..COSCINODISCAEAE			
....CYCLOTELLA		14	2
....HELOSIRA		29	3
..PENNALES	PENNATE		
....ACHNANTHACEAE			
....ACHNANTHES		7	1
....GOMPHONEMATAEAE			
....GOMPHONEMA		7	1
....NAVICULACEAE	NAVICULOID		
L ..DIPLOEIS			0
L ..GYROSIGMA			0
....NAVICULA		120	13
....NITZSCHIAEAE			
....NITZSCHIA		65	7
..CHRYSOPHYCEAE			
..CHRYSONOMADALES	YELLOW-BROWN ALGAE		
..CHROMULIVACEAE			
....AMPHICHRYSIS		7	1
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..CHROOCOCCALES	COCCOID		
..CHROOCOCCACEAE			
....AGMENELLUM		58	7
....ANACYSTIS		120	13
..OSCILLATORIALES	FILAMENTOUS		
..OSCILLATORIAEAE			
....OSCILLATORIA		72	8
EUGLENOPHYTA	EUGLENOIDS		
..EUGLENOPHYCEAE			
..EUGLENALES			
..EUGLENACEAE			

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA --Continued

NOV. 25, 1975
1100 HOURS

IDENTIFICATION OF PHYTOPLANKTON

380 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...CHLORACIACEAE			
....SCHROEDERIA		8	2
....OCCYSTACEAE			
....ANKISTRODESMUS		8	2
...SCENEDESMACEAE			
DSCENEDESMUS		63	17
....TETRASTRUM		31	8
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCEAE			
....MELOSIRA		8	2
..PENNATAE	PENNATE		
...EUNOTIACEAE			
LEUNOTIA			0
...GOMPHONEMACEAE			
....GOMPHONEMA		8	2
...NAVICULACEAE	NAVICULOID		
LFRUSTULIA			0
....NAVICULA		31	8
...NITZSCHIA			
....NITZSCHIA		8	2
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
...OSCILLATORIALES	FILAMENTOUS		
....NOSTOCACEAE			
DAPHANIZOMENON		210	56

DEC. 5, 1975
1245 HOURS

IDENTIFICATION OF PHYTOPLANKTON

760 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
....ANKISTRODESMUS		22	3
....DICTYOSPHAERIUM		90	12
...SCENEDESMACEAE			
DSCENEDESMUS		180	24
....TETRASTRUM		90	12
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCEAE			
LCYCLOTELLA			0
DMELOSIRA		220	29
..PENNATAE	PENNATE		
...EUNOTIACEAE			
....EUNOTIA		22	3
...FRAGILARIACEAE			
....SYNEDRA		22	3
...NAVICULACEAE	NAVICULOID		
....NAVICULA		45	6
...NITZSCHIA			
....NITZSCHIA		67	9

02489500 PEARL RIVER NEAR BOGALUSA, LA --Continued

FEB. 3, 1976
1345 HOURS

IDENTIFICATION OF PHYTOPLANKTON

600 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
...CHLOROCOCCALES			
....OCCYSTACEAE			
.....ANKISTRODES MUS		31	5
LRADIOCOCCUS			0
...SCENEDESMACEAE			
....CHUCIGENIA		31	5
...SCENEDESMUS		62	10
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
...CENTRALES	CENTRIC		
...COSCINODISCACEAE			
....CYCLOTELLA		16	3
D) ...MELOSIIRA		230	38
...PENNIALES	PENNATE		
...EUNOTIACEAE			
....EUNOTIA		8	1
...FRAGILARIACEAE			
....ASTEROIDEA		8	1
...GOMPHONEMACEAE			
....GOMPHONEMA		8	1
...NAVICULACEAE	NAVICULOID		
....NAVICULA		31	5
...NITZSCHIA		8	1
....NITZSCHIA			
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
...CHLOROCOCCALES	COCCOID		
...CHLOROCOCCACEAE			
D)ANACYSTIS		160	26
EUGLENOPHYTA	EUGLENIDS		
..CRYPTOPHYCEAE	CRYPTOMONADS		
...CRYPTOMONIDAE			
...CRYPTOMONODACEAE			
....CRYPTOMONAS		16	3

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA --Continued

FEB. 25, 1970
1650 HOURS

IDENTIFICATION OF PHYTOPLANKTON

2,000 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...MICHAELIACEAE			
...GLENKINIA		19	1
...COCCYSTACEAE			
...CHLOROCYSTACEAE		39	2
...SCENEDESMACEAE			
L ...ACTINASTRUM			0
L ...SCENEDESMUS			0
CHRYSPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
L ...CYCLOTELLA		190	0
...HELOSIPA			10
..PENNALES	PENNATE		
...CYMBELLACEAE			
L ...CYMBELLA			0
...FUNOTIACEAE			
...FUNOTIA		39	2
...FRAGILARIACEAE			
...SYNEDRA		39	2
...GOMPHONEMACEAE			
...GOMPHONEMA		39	2
...NAVICULACEAE	NAVICULOID		
L ...FRUSTULIA			0
...NAVICULA		78	4
L ...PINNULARIA			0
...NITZSCHIA			
...NITZSCHIA		170	9
...SMIRRELLACEAE			
L ...SMIRRELLA			0
..CHRYSPHYCEAE	YELLOW-BROWN ALGAE		
..CHRYSOMONADALES			
...CHROMONADACEAE			
...DINOBRYON		19	1
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..CHROOCOCCALES	COCCOID		
...CHROOCOCCACEAE		150	8
...ANACYSTIS	FILAMENTOUS		
...OSCILLATORIALES			
...OSCILLATORIACEAE			
D ...LYNGBYA		1,200	60

02489500 PEARL RIVER NEAR BOGALUSA, LA --Continued

MAR. 14, 1976
1025 HOURS

IDENTIFICATION OF PHYTOPLANKTON

11,000 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
..CHOCYSTACEAE			
LCHLOPELLA			0
..SCENEDESMACEAE			
LSCENEDESMUS			0
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
..COSCINOIDISCEAE			
LCYCLOTELLA			0
..MELOSIRA		1,400	12
..PENNALES	PENNATE		
..FRAGILARIACEAE			
..SYNEDRA		220	2
..GOMPHONEMACEAE			
LGOMPHONEMA			0
..NITZSCHACEAE			
LNITZSCHIA			0
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..CHROCOCCALES	COCCOID		
..CHROCOCCACEAE			
..ANACYSTIS			
DANACYSTIS INCERTA		9,500	85

APR. 15, 1976
1200 HOURS

IDENTIFICATION OF PHYTOPLANKTON

230 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
..CHOCYSTACEAE			
()ANKISTRODES MUS		42	18
..SCENEDESMACEAE			
()SCENEDESMUS		38	16
LTETRASTRUM			0
..ZYGNEMATALES			
..DESCHMIDACEAE	PLACODERM DESMIDS		
..COSMARIDIUM		5	2
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
..COSCINOIDISCEAE			
..CYCLOTELLA		14	6
..MELOSIRA		19	8
..PENNALES	PENNATE		
..FRAGILARIACEAE			
..SYNEDRA		5	2
..NAVICULACEAE	NAVICULOID		
..NAVICULA		5	2
..NITZSCHACEAE			
..NITZSCHIA		9	4
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..CHROCOCCALES	COCCOID		
..CHROCOCCACEAE			
()ANACYSTIS		38	16
..OSCILLATOPIALES	FILAMENTOUS		
..OSCILLATOPIACEAE			
()OSCILLATORIA		56	24
EUGLENOPHYTA	EUGLENOIDS		
..EUGLENOPHYCEAE			
..EUGLENALES			
..EUGLENACEAE			
LTRACHELIMONAS			0

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA --Continued

JUNE 30 1976
1130 HOURS

IDENTIFICATION OF PHYTOPLANKTON

1.100 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
....ANKISTHODESMUS		76	5
....SCENEDESMACEAE			
....SCENEDESMUS		28	2
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...OSCIRODISACEAE			
DHELOSIRA		950	83
..PENNALES	PENNATE		
...ACHNANTHACEAE			
...ACHNANTHES		28	2
...NAVICULACEAE	NAVICULOID		
....NAVICULA		55	5
....NITZSCHACEAE			
....NITZSCHIA		28	2

JULY 80 1976
1604 HOURS

IDENTIFICATION OF PHYTOPLANKTON

2.500 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
....KIRCHNERIELLA		31	1
....SELENASTRUM		92	4
....SCENEDESMACEAE			
DCRUCIGENIA		490	19
DSCENEDESMUS		550	22
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..PENNALES	PENNATE		
...NAVICULACEAE	NAVICULOID		
....NAVICULA		31	1
....NITZSCHACEAE			
....NITZSCHIA		340	13
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..CHROOCOCCALES	COCCOID		
...CHROOCOCCACEAE			
....ANACYSTIS		150	6
DGOMPHOSPHERIA		610	24
...OSCILLATORIALES	FILAMENTOUS		
....OSCILLATORACEAE			
....OSCILLATORIA		240	10

02489500 PEARL RIVER NEAR BOGALUSA, LA --Continued

AUG. 24, 1976
1000 HOURS

IDENTIFICATION OF PHYTOPLANKTON

500 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
....ANKISTHODESMUS		11	2
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
..COSCINODISCACEAE			
...CYCLOTELLA		5	1
..PENNALES	PENNATE		
...FRAGILARIACEAE			
....SYNEDRA		11	2
...NAVICULACEAE	NAVICULOID		
....FRUSTULIA		5	1
....GYROSIGMA		5	1
...NAVICULA		11	2
....NEIDIUM		5	1
...NITZSCHACEAE			
....NITZSCHIA		48	10
CHRYSOOMONADALES	YELLOW-BROWN ALGAE		
..CHROMULINACEAE			
...CHRYSOCCUS		5	1
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..CHROCOCCALES	COCCOID		
...CHROCOCCACEAE			
DAGMENELLUM		210	43
..OSCILLATORIALES	FILAMENTOUS		
...OSCILLATORIA		180	36

SEP. 2, 1976
1100 HOURS

IDENTIFICATION OF PHYTOPLANKTON

96 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
....ANKISTHODESMUS		5	5
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
..COSCINODISCACEAE			
...MELOSIWA		5	5
..PENNALES	PENNATE		
...ACHNANTHACEAE			
....ACHNANTHES		5	5
...GOMPHONEMACEAE			
....GOMPHONEMA		5	5
...NAVICULACEAE	NAVICULOID		
DGYROSIGMA		20	21
DNAVICULA		50	53
...NITZSCHACEAE			
....NITZSCHIA		5	5

NOTE: D - DOMINANT ORGANISM; GREATER OR EQUAL TO 15%
 L - LESS THAN 1%; MAY NOT HAVE BEEN ACTUALLY COUNTED
 ANALYSIS METHOD: SEDGWICK-RAFIER CHAMBER, 200-X MICROSCOPE

02490105 BOGUE LUISA CREEK AT STATE HIGHWAY 439, AT BOGALUSA, LA

LOCATION.--Lat 30°46'56", long 89°52'24", in SE¼ sec.15, T.3 S., R.13 E., St. Helena meridian, Washington Parish, near center of span on downstream side of bridge on State Highway 439, at Bogalusa, 0.3 mi (0.5 km) upstream from Ice Water Branch, 0.9 mi (1.4 km) downstream from Adams Creek, and 4.0 mi (6.4 km) upstream from mouth.

DRAINAGE AREA.--72.7 mi² (188.3 km²).

PERIOD OF RECORD.--October 1963 to current year.

REVISED RECORDS.--WRD LA, 1974: 1964(P), 1965-66(M), 1967(P), 1969-72(M), 1973(P).

GAGE.--Water-stage recorder and concrete control. Datum of gage is 76.60 ft (23.348 m) above mean sea level.

REMARKS.--Records good. Records of dissolved oxygen and water temperatures for the water year 1976 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.-- 13 years, 110 ft³/s (3.115 m³/s), 20.55 in/yr (522 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,100 ft³/s (201 m³/s) Apr. 18, 1973, gage height, 11.86 ft (3.615 m); minimum, 5.0 ft³/s (0.14 m³/s) Oct. 27, 28, 1967, gage height, 3.54 ft (1.079 m), affected by temporary regulation.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Nov. 14, 1961, reached a stage of about 13 ft (4.0 m), from information by local resident.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 1,500 ft³/s (42 m³/s): No peak above base. Maximum discharge, 946 ft³/s (26.8 m³/s) Feb. 21, gage height, 5.47 ft (1.667 m); minimum, 23 ft³/s (0.65 m³/s) June 14, 15, Aug. 13, 19, 20, 21, 22, gage height, 3.73 ft (1.37 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	103	56	78	117	490	75	132	87	39	161	78	61
2	109	56	81	93	300	73	97	64	42	144	261	47
3	79	56	70	534	149	73	81	47	37	132	175	39
4	67	56	64	751	117	73	75	42	33	97	73	49
5	65	64	61	334	104	70	73	37	33	124	51	140
6	67	78	67	184	153	70	70	37	31	339	44	124
7	68	70	184	229	161	87	67	39	31	128	42	78
8	68	64	100	311	110	81	64	73	29	75	39	56
9	67	67	75	175	97	110	61	75	29	56	35	44
10	64	136	70	132	90	90	56	54	27	49	33	37
11	61	128	64	121	87	73	56	59	27	47	31	33
12	60	78	61	117	84	67	54	54	27	54	29	31
13	59	67	61	110	81	67	51	47	27	54	29	31
14	58	61	61	104	78	70	51	49	26	100	29	31
15	58	59	64	93	75	78	49	54	26	56	29	29
16	83	59	73	87	75	78	49	44	26	42	27	29
17	189	59	81	84	75	81	47	39	161	47	25	27
18	124	59	78	81	73	70	44	35	579	39	25	25
19	75	59	67	78	70	64	44	35	224	37	25	25
20	64	61	64	75	67	61	42	33	136	33	25	25
21	59	70	61	75	434	64	49	33	93	29	23	27
22	56	67	59	73	428	64	64	35	54	27	25	27
23	56	61	59	73	179	61	51	42	39	26	114	27
24	56	59	59	73	117	59	44	39	37	67	67	27
25	56	59	73	73	100	374	47	47	33	277	42	33
26	56	70	128	117	93	386	59	44	33	97	35	35
27	59	132	93	110	84	316	47	44	31	54	31	33
28	61	100	73	81	81	386	42	51	29	44	31	35
29	59	75	234	73	78	175	39	59	87	70	31	39
30	59	70	229	70	---	121	73	44	93	97	31	41
31	56	---	165	87	---	117	---	37	---	54	35	---
TOTAL	2221	2156	2757	4715	4130	3634	1778	1479	2119	2656	1570	1285
MEAN	71.6	71.9	88.9	152	142	117	59.3	47.7	70.6	85.7	50.6	42.8
MAX	189	136	234	751	490	386	132	87	579	339	261	140
MIN	56	56	59	70	67	59	39	33	26	26	23	25
CFSM	.98	.99	1.22	2.09	1.95	1.61	.82	.66	.97	1.18	.70	.59
IN.	1.14	1.10	1.41	2.41	2.11	1.86	.91	.76	1.08	1.36	.80	.66
CAL YR 1975	TOTAL	62931	MEAN 172	MAX 2370	MIN 56	CFSM 2.37	IN 32.20					
WTR YR 1976	TOTAL	30500	MEAN 83.3	MAX 751	MIN 23	CFSM 1.15	IN 15.61					

02490105 BOGUE LUSA CREEK AT STATE HIGHWAY 439, AT BOGALUSA, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.99	3.88	3.96	4.08	4.78	3.95	4.12	3.99	3.81	4.20	3.92	3.90
2	4.03	3.88	3.97	4.01	4.46	3.94	4.02	3.91	3.82	4.18	4.39	3.84
3	3.94	3.88	3.93	4.81	4.16	3.94	3.97	3.84	3.80	4.15	4.22	3.81
4	3.90	3.88	3.91	5.18	4.08	3.94	3.95	3.82	3.78	4.04	3.94	3.85
5	3.89	3.91	3.90	4.51	4.03	3.93	3.94	3.80	3.78	4.10	3.86	4.14
6	3.90	3.96	3.92	4.24	4.16	3.93	3.93	3.80	3.77	4.52	3.83	4.10
7	3.90	3.93	4.24	4.32	4.19	3.99	3.92	3.81	3.77	4.13	3.82	3.96
8	3.90	3.91	4.03	4.48	4.06	3.97	3.91	3.94	3.76	3.98	3.81	3.88
9	3.90	3.92	3.95	4.22	4.02	4.06	3.90	3.95	3.76	3.91	3.79	3.83
10	3.89	4.11	3.93	4.12	4.00	4.00	3.88	3.87	3.75	3.88	3.78	3.80
11	3.87	4.11	3.91	4.09	3.99	3.94	3.88	3.89	3.75	3.87	3.77	3.78
12	3.87	3.96	3.90	4.08	3.98	3.92	3.87	3.87	3.75	3.90	3.76	3.77
13	3.86	3.92	3.90	4.06	3.97	3.92	3.86	3.84	3.75	3.90	3.76	3.77
14	3.86	3.90	3.90	4.04	3.96	3.93	3.86	3.85	3.74	4.06	3.76	3.77
15	3.86	3.89	3.91	4.01	3.95	3.96	3.85	3.87	3.74	3.91	3.76	3.76
16	3.95	3.89	3.94	3.99	3.95	3.96	3.85	3.83	3.74	3.85	3.75	3.76
17	4.25	3.89	3.97	3.98	3.95	3.96	3.84	3.81	4.12	3.87	3.74	3.75
18	4.09	3.89	3.96	3.97	3.94	3.93	3.83	3.79	4.92	3.84	3.74	3.74
19	3.95	3.89	3.92	3.96	3.93	3.91	3.83	3.79	4.33	3.83	3.74	3.74
20	3.91	3.90	3.91	3.95	3.92	3.90	3.82	3.78	4.16	3.81	3.74	3.74
21	3.89	3.93	3.90	3.95	4.60	3.91	3.85	3.78	4.03	3.79	3.73	3.75
22	3.86	3.92	3.89	3.94	4.67	3.91	3.91	3.79	3.90	3.78	3.74	3.75
23	3.88	3.90	3.89	3.94	4.22	3.90	3.86	3.82	3.84	3.77	4.06	3.75
24	3.88	3.89	3.89	3.94	4.08	3.89	3.83	3.81	3.83	3.88	3.92	3.75
25	3.88	3.89	3.94	3.94	4.03	4.57	3.84	3.84	3.81	4.39	3.82	3.78
26	3.88	3.93	4.11	4.08	4.01	4.61	3.89	3.83	3.81	4.01	3.79	3.79
27	3.89	4.12	4.01	4.06	3.96	4.48	3.84	3.82	3.80	3.87	3.77	3.78
28	3.89	4.03	3.94	3.97	3.97	4.61	3.82	3.86	3.79	3.83	3.77	3.79
29	3.89	3.95	4.32	3.94	3.96	4.22	3.81	3.89	4.01	3.92	3.77	3.81
30	3.89	3.93	4.33	3.93	---	4.09	3.91	3.83	4.04	4.02	3.77	3.82
31	3.88	---	4.20	3.98	---	4.08	---	3.80	---	3.87	3.79	---
MEAN	3.92	3.93	3.98	4.12	4.10	4.04	3.89	3.84	3.89	3.97	3.83	3.82
MAX	4.25	4.12	4.33	5.18	4.78	4.61	4.12	3.99	4.92	4.52	4.39	4.14
MIN	3.86	3.88	3.89	3.93	3.92	3.89	3.81	3.78	3.74	3.77	3.73	3.74

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA

WATER QUALITY RECORDS

LOCATION.--Lat 30°45'54", long 89°50'00", in lot 40, T.4 S., R.13 E., Washington Parish, on right bank 200 yards (183 m) upstream from Pools Bluff (low water) sill, 5.3 mi (8.5 km) south of Bogalusa.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water year 1976.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1975 to current year.

WATER TEMPERATURES: June 1975 to current year.

DISSOLVED OXYGEN: June 1975 to current year.

pH: June 1975 to current year.

REMARKS.--Flow data available for Pearl River near Bogalusa, La., 10.3 mi (16.6 km) upstream (station 02489500).

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 138 micromhos Aug. 23, 1976; minimum, 32 micromhos June 12, 1975.

WATER TEMPERATURES: Maximum, 31.0°C Aug. 16, 17, 1976; minimum, 5.5°C Jan. 9, 10, 1976.

DISSOLVED OXYGEN: Maximum, 11.6 mg/L Dec. 28, 29, 1975, Jan. 10, 1976; minimum, 2.2 mg/L Aug. 23, 1976.

pH: Maximum, 7.3 units Aug. 13, 14, 1976; minimum, 5.6 units June 11, 12, 1975.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 138 micromhos Aug. 23; minimum, 41 micromhos Apr. 8.

WATER TEMPERATURES: Maximum, 31.0°C Aug. 16, 17; minimum, 5.5°C Jan. 9, 10.

DISSOLVED OXYGEN: Maximum, 11.6 mg/L Dec. 28, 29, Jan. 10; minimum, 2.2 mg/L Aug. 23.

pH: Maximum, 7.3 units Aug. 13, 14; minimum, 6.0 units on several days during Jan., Mar., Apr., May.

WATER QUALITY DATA. WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED SILICA (SI02) (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	ALKA- LINITY AS CAC03 (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)
OCT. 17...	1220	12	2.7	.6	13	1.6	23	0	19	10	8.1	.1
NOV. 25...	1200	12	6.3	1.6	10	1.8	24	0	20	11	7.0	.1
DEC. 05...	1400	9.0	3.4	1.7	7.6	2.3	15	0	12	9.0	7.2	.0
FEB. 03...	1430	8.1	3.0	.8	6.2	1.9	11	0	9	10	7.0	.2
25...	1720	8.3	3.8	1.0	7.5	1.8	20	0	16	9.1	7.2	.2
MAR. 18...	1120	6.2	3.4	1.0	4.9	1.8	10	0	8	9.2	6.0	.1
APR. 15...	1100	5.7	3.7	.5	3.6	1.7	12	0	10	6.6	3.3	.2
MAY 11...	1255	9.7	4.2	1.1	11	1.9	19	0	16	12	6.8	.2
JUNE 03...	1245	6.8	5.0	1.1	7.8	1.9	21	0	17	10	6.3	.0
JULY 08...	1720	8.4	3.3	1.1	9.9	1.7	16	0	13	10	7.4	.1
AUG. 24...	1200	12	3.7	.7	17	1.6	24	0	20	14	11	.1
SEP. 02...	1200	11	2.0	1.4	17	1.9	23	0	19	13	12	.1

02490193 PEARL RIVER AT POOLS BLUFF, LA --Continued
 WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRATE PLUS NITRITE (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L)	DIS- SOLVED SOLIDS (TONS PER AC-FT)	HARD- NESS (CA,MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	PERCENT SODIUM	SODIUM AD- SORP- TION RATIO	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)
OCT. 17...	.24	.01	.25	.08	60	60	.08	9	0	72	1.9	93
NOV. 25...	.23	.00	.23	.08	70	62	.10	22	2	47	.9	91
DEC. 05...	.24	.01	.25	.12	49	48	.07	16	4	47	.8	71
FEB. 03...	1.1	.02	1.1	.12	42	43	.06	11	2	51	.8	66
25...	.29	.01	.30	.11	68	49	.09	14	0	51	.9	76
MAR. 18...	.14	.01	.13	.09	36	37	.05	13	5	42	.6	56
APR. 15...	.09	.01	.10	.08	41	31	.06	11	1	37	.5	48
MAY 11...	.41	.02	.43	.14	70	56	.10	15	0	58	1.2	89
JUNE 03...	--	--	.31	.15	44	49	.06	17	0	47	.8	81
JULY 08...	--	--	.34	.07	60	50	.08	13	0	59	1.2	75
AUG. 24...	--	--	.32	.09	72	72	.10	12	0	72	2.1	112
SEP. 02...	--	--	.41	.08	78	70	.11	11	0	74	2.3	114

DATE	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLI- FORM (COL. PER 100 ML)	STREP- TOCOCCI (COL- ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	PHENOLS (UG/L)	CYANIDE (CN) (MG/L)
OCT. 17...	6.9	22.0	50	10	1.2	4.6	960	3800	6.2	--	--
NOV. 25...	6.8	11.5	70	10	.9	6.1	27	8	--	--	--
DEC. 05...	6.8	--	50	25	2.5	3.8	200	190	--	--	--
FEB. 03...	6.4	--	60	25	1.9	7.0	1100	850	9.8	3	.00
25...	7.0	14.0	80	30	1.8	3.2	380	190	--	--	--
MAR. 18...	7.0	13.5	50	45	2.6	1.6	330	660	--	--	--
APR. 15...	6.6	21.0	55	30	.7	4.8	25	40	3.8	0	.00
MAY 11...	6.1	22.0	40	30	2.6	24	480	310	--	--	--
JUNE 03...	6.8	24.0	50	70	--	5.3	270	210	--	--	--
JULY 08...	7.0	27.5	50	--	1.3	2.6	--	--	3.9	--	--
AUG. 24...	6.7	28.0	80	10	3.9	7.7	550	350	--	--	--
SEP. 02...	7.0	28.5	80	15	6.3	3.7	300	1200	--	--	--

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL CHLOR- DANE (UG/L)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DI- AZINON (UG/L)
OCT. 17...	.00	--	.0	--	.00	--	.00	--	.00	--	.00
FEB. 03...	.00	--	.0	--	.00	--	.00	--	.00	--	.00
APR. 15...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00
JULY 08...	.00	--	.1	--	.00	--	.07	--	.00	--	.01

PEARL RIVER BASIN

02490193 PEARL RIVER AT POOLS BLUFF, LA --Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DIE- ELDRIN (UG/L)	UI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)
OCT. 17...	.00	--	.00	--	.00	.00	--	.00	--	.00
FEB. 03...	.00	--	.00	--	.00	.00	--	.00	--	.00
APR. 15...	.00	.0	.00	.0	.00	.00	.0	.00	.0	.00
JULY 08...	.00	--	.00	--	.00	.00	--	.00	--	.00

DATE	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
OCT. 17...	--	.00	.00	.00	.00	.0	--	.00	0	--
FEB. 03...	--	.00	.00	.00	.00	.0	--	.00	0	--
APR. 15...	.0	.00	.00	.00	.00	.0	0	.00	0	0
JULY 08...	--	.00	.00	.00	.00	.0	--	.00	0	--

DATE	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)
OCT. 17...	.00	.00	.00	.00	0	--	0	--	0	--
FEB. 03...	.00	.00	.00	.00	0	--	0	--	0	--
APR. 15...	.00	.00	.00	.00	--	3	--	<10	--	<10
JULY 08...	.00	.02	.03	.00	2	--	1	--	0	--

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	TOTAL MANGA- NESE IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
OCT. 17...	1	--	0	--	.0	--	70	--	10	--
FEB. 03...	10	--	0	--	.0	--	30	--	10	--
APR. 15...	--	<10	--	<10	--	.0	--	60	--	<10
JULY 08...	10	--	6	. --	.2	--	10	--	20	--

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA --Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	106	97	61	58	97	85	96	89	87	71	76	71
2	98	93	61	58	94	82	91	77	79	67	79	73
3	97	85	66	59	104	94	81	74	71	67	81	68
4	91	85	70	62	104	86	83	74	74	68	79	74
5	101	87	75	66	86	81	76	69	77	70	77	73
6	101	87	81	71	88	80	75	71	80	75	80	67
7	89	82	81	76	92	86	77	72	82	77	85	76
8	96	85	89	66	113	88	82	75	78	75	83	78
9	97	87	75	64	88	79	85	80	78	74	81	70
10	96	88	77	65	82	73	80	76	79	76	74	70
11	102	91	71	61	78	72	75	69	81	77	75	67
12	105	98	77	70	86	75	72	65	---	---	66	56
13	104	97	78	75	99	84	67	62	94	90	67	58
14	102	96	78	70	98	91	66	63	96	90	63	60
15	106	96	71	67	96	92	67	64	97	89	65	61
16	98	94	71	64	97	93	68	63	94	88	66	61
17	96	87	71	65	95	90	70	65	92	86	65	58
18	103	82	75	69	90	85	77	67	92	87	59	55
19	84	58	83	74	87	80	79	75	91	87	57	52
20	58	53	87	81	82	78	78	74	91	87	56	53
21	57	54	91	83	100	78	76	73	94	76	57	53
22	54	54	94	86	102	95	82	73	75	64	57	54
23	57	53	98	91	104	96	80	78	81	68	59	55
24	59	53	94	90	96	87	80	76	82	79	60	55
25	59	55	95	90	92	85	83	78	86	76	56	51
26	60	55	98	91	89	83	87	83	81	72	57	51
27	63	57	96	89	88	82	86	75	86	79	---	---
28	65	58	96	89	85	74	79	70	84	77	---	---
29	63	59	93	87	83	75	73	65	77	72	---	---
30	63	59	98	85	91	82	86	72	---	---	---	---
31	62	57	---	---	93	90	92	84	---	---	---	---
MONTH	106	53	98	58	113	72	96	62	97	64	85	51

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	95	83	85	73	80	70	110	100	126	112
2	---	---	86	80	86	68	82	67	---	---	127	105
3	---	---	90	78	87	76	81	72	---	---	123	107
4	---	---	108	86	89	74	81	63	---	---	125	107
5	---	---	112	101	89	79	92	59	114	98	117	100
6	---	---	107	95	86	77	87	79	119	98	100	83
7	46	42	97	89	81	72	101	75	120	102	93	84
8	47	41	96	91	---	---	95	82	123	97	105	84
9	47	43	100	87	---	---	106	85	113	94	116	96
10	46	42	98	89	---	---	107	88	116	99	128	107
11	48	43	98	64	---	---	95	80	114	100	113	101
12	49	44	67	57	---	---	83	72	110	98	111	98
13	50	45	75	67	---	---	89	76	118	100	116	102
14	53	46	85	72	---	---	89	75	121	100	122	97
15	55	49	88	79	---	---	85	73	117	103	116	105
16	59	52	87	78	---	---	90	77	124	102	122	106
17	63	56	81	67	93	76	89	79	123	106	117	99
18	68	60	64	56	71	55	90	78	129	103	114	94
19	73	66	65	56	68	60	91	78	124	110	110	94
20	82	71	66	59	88	61	---	---	123	107	111	94
21	91	80	69	57	101	81	---	---	129	110	117	101
22	94	81	65	57	113	89	---	---	135	115	109	98
23	102	90	65	57	109	89	---	---	138	116	109	92
24	104	95	67	60	116	89	---	---	125	112	109	95
25	108	98	71	64	132	106	---	---	133	106	115	94
26	108	102	75	64	110	96	---	---	121	106	117	99
27	106	90	75	70	98	82	108	92	124	104	121	101
28	96	86	76	67	97	81	112	97	128	107	117	106
29	95	88	93	63	91	74	106	97	125	108	120	104
30	90	83	71	59	79	77	112	96	123	102	114	102
31	---	---	85	65	---	---	117	101	131	99	---	---

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA --Continued

DISSOLVED OXYGEN (DO) • MG/L • WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	7.7	7.0	7.6	6.9	10.1	9.9	10.5	10.1	10.3	9.2	9.3	9.1
2	7.7	7.4	7.4	6.5	10.2	9.9	10.5	10.3	10.2	9.9	9.1	8.7
3	8.1	7.8	7.0	6.6	10.3	10.2	10.5	9.3	10.4	9.9	9.1	8.8
4	8.2	8.1	6.9	6.4	10.4	10.2	9.9	8.9	10.4	9.9	8.7	8.4
5	8.1	7.9	6.8	6.5	10.4	10.2	10.6	9.7	10.4	10.1	8.4	8.2
6	7.9	7.8	7.2	7.0	10.3	9.9	11.0	10.4	10.2	9.8	8.3	8.1
7	8.0	7.7	8.0	7.2	9.9	9.8	11.0	10.4	10.2	9.8	8.4	8.2
8	7.9	7.6	8.0	7.4	9.9	9.8	10.4	10.5	10.4	10.1	8.4	8.2
9	7.7	7.5	7.4	7.0	10.1	9.9	11.5	10.9	10.5	10.1	8.7	8.1
10	7.6	7.5	7.1	6.5	10.0	9.6	11.6	11.1	10.5	10.2	8.5	8.2
11	7.6	7.3	6.6	6.2	9.8	9.3	11.4	11.1	10.4	10.2	8.4	8.0
12	7.5	7.2	6.6	6.2	10.0	9.6	11.0	10.8	---	---	8.1	7.7
13	7.4	7.1	7.8	6.6	10.1	9.6	10.6	10.3	9.6	9.5	7.9	7.4
14	7.3	7.1	8.5	7.6	9.9	9.8	10.5	10.3	9.5	9.4	7.9	7.4
15	7.2	6.9	8.8	8.4	9.8	9.6	10.5	10.2	9.5	9.2	8.1	7.4
16	7.0	6.7	9.0	8.8	9.5	9.3	10.5	10.3	9.3	9.1	8.2	7.7
17	6.7	6.5	9.1	8.9	9.4	9.3	10.5	10.3	9.1	8.9	8.6	7.8
18	7.1	6.8	9.1	8.9	10.1	9.4	10.7	10.4	8.9	8.7	8.9	8.3
19	7.0	6.5	9.0	8.8	10.8	10.1	10.7	10.3	8.7	8.6	8.6	8.0
20	6.5	6.4	8.9	8.7	10.9	10.8	10.8	10.6	8.7	8.6	8.0	7.5
21	6.4	6.0	9.1	8.7	11.0	10.8	10.9	10.7	8.7	7.3	7.9	7.4
22	6.5	5.8	9.5	9.1	11.0	10.7	11.0	10.8	9.3	7.3	7.9	7.4
23	6.6	5.9	9.8	9.5	11.3	11.0	10.9	10.8	9.2	8.3	7.6	7.3
24	7.2	5.9	10.0	9.8	11.5	11.3	10.8	10.6	9.5	9.2	7.4	7.0
25	6.9	6.1	10.2	10.0	11.5	11.3	10.7	10.3	9.2	8.8	7.2	6.2
26	7.3	6.3	10.2	9.9	11.4	11.2	10.2	10.0	9.1	8.8	6.4	5.9
27	7.4	6.7	10.3	10.0	11.4	11.2	10.3	10.1	9.1	8.8	---	---
28	7.0	6.5	10.5	10.3	11.6	11.4	10.1	10.2	9.4	9.1	---	---
29	7.1	6.5	10.5	10.4	11.6	10.9	10.4	10.3	9.4	9.2	---	---
30	7.3	6.5	10.3	10.1	10.9	10.2	10.4	9.8	---	---	---	---
31	7.4	6.8	---	---	10.3	10.0	10.3	9.9	---	---	---	---
MONTH	8.2	5.8	10.5	6.2	11.6	9.3	11.6	8.9	10.5	7.3	9.3	5.9

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	6.4	6.1	7.6	7.1	7.0	6.6	5.2	4.8	5.7	5.1
2	---	---	6.6	6.2	7.3	7.1	6.9	6.4	---	---	6.1	5.0
3	---	---	6.4	5.9	7.4	7.2	6.6	5.8	---	---	5.6	5.0
4	---	---	9.4	6.3	7.5	7.0	5.9	5.2	---	---	5.1	4.5
5	---	---	9.1	8.5	7.4	7.0	5.8	5.3	6.4	6.1	4.4	4.0
6	---	---	9.0	8.4	8.3	6.8	6.9	5.8	6.7	6.3	4.4	3.8
7	7.1	6.8	8.5	8.1	8.2	7.4	7.2	6.8	6.9	6.3	4.1	3.8
8	7.0	6.6	8.7	8.1	---	---	7.7	7.0	7.2	6.6	4.3	3.8
9	7.2	6.8	9.0	8.4	---	---	7.6	6.9	7.1	6.6	3.9	3.6
10	7.2	6.7	8.6	7.8	---	---	7.2	6.5	7.0	6.6	6.7	3.6
11	7.3	6.8	8.0	7.1	---	---	6.8	6.4	7.0	6.3	6.3	5.9
12	7.1	6.6	7.9	7.2	---	---	6.9	6.5	6.6	6.0	6.2	5.6
13	---	---	7.7	7.3	---	---	7.0	6.7	6.3	5.4	6.0	5.3
14	7.7	7.3	8.1	7.5	---	---	7.3	6.7	5.6	2.8	5.4	5.1
15	7.6	7.3	8.6	8.1	---	---	6.9	6.0	3.1	2.7	7.0	4.7
16	7.4	6.9	9.0	8.6	---	---	6.1	4.9	4.2	3.1	6.8	6.0
17	7.3	6.8	9.1	8.9	7.2	5.9	4.7	3.4	4.5	3.8	6.4	5.9
18	7.0	6.6	9.2	8.7	6.2	5.7	5.0	3.6	4.5	4.0	6.1	5.5
19	7.0	6.4	8.9	8.5	5.6	5.1	5.9	5.0	4.6	4.1	5.9	5.2
20	6.9	6.3	8.8	7.2	6.4	5.3	---	---	4.6	4.0	5.9	5.3
21	6.7	6.3	8.0	7.3	6.8	6.1	---	---	4.4	3.5	6.0	5.2
22	6.9	6.5	8.2	7.8	7.3	6.4	---	---	3.7	2.8	6.9	5.6
23	6.9	6.4	8.4	7.9	7.3	6.6	---	---	3.2	2.2	7.0	6.2
24	6.6	6.2	8.1	7.8	7.6	6.7	---	---	5.8	2.5	6.7	6.1
25	6.6	6.1	7.9	7.6	7.9	6.6	---	---	5.7	4.6	6.4	5.9
26	6.6	6.2	7.8	7.3	6.0	5.5	---	---	5.1	4.6	6.1	4.8
27	7.0	6.5	7.6	7.0	5.9	5.4	6.0	5.4	5.0	3.7	5.0	4.2
28	7.2	6.6	7.9	7.6	5.7	5.2	5.8	4.9	4.2	3.8	5.0	4.3
29	6.9	6.3	7.8	7.4	5.6	5.2	5.2	4.5	4.8	4.2	5.8	5.1
30	6.7	6.0	7.6	7.1	5.2	4.9	4.8	3.2	5.6	5.0	8.0	5.7
31	---	---	7.6	7.4	---	---	4.9	4.3	6.4	5.2	---	---

PEARL RIVER BASIN

57

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA --Continued
 PH (UNITS) * WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DAY	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	6.6	6.4	7.0	6.9	6.4	6.4	6.8	6.4	6.8	6.5	6.6	6.5	6.6	6.5	6.6	6.5	6.6	6.5	6.6	6.5	6.6	6.5
2	6.8	6.5	6.5	6.4	6.7	6.6	6.4	6.3	6.6	6.3	6.6	6.5	6.7	6.3	6.5	6.5	6.6	6.5	6.6	6.5	6.6	6.5	6.6	6.5
3	6.9	6.3	6.4	6.4	6.7	6.5	6.7	6.2	6.5	6.2	6.5	6.5	6.3	6.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
4	6.4	6.8	6.4	6.3	6.5	6.5	6.5	6.0	6.6	6.0	6.6	6.5	6.2	6.0	6.6	6.5	6.6	6.5	6.6	6.5	6.5	6.4	6.4	6.4
5	6.6	6.6	6.5	6.3	6.5	6.4	6.5	6.0	6.5	6.0	6.6	6.5	6.1	6.0	6.6	6.5	6.6	6.5	6.6	6.5	6.5	6.5	6.5	6.5
6	6.8	6.7	6.5	6.3	6.5	6.3	6.5	6.0	6.5	6.0	6.6	6.5	6.1	6.0	6.6	6.5	6.6	6.5	6.6	6.5	6.5	6.5	6.5	6.5
7	6.7	6.7	6.7	6.5	6.5	6.5	6.5	6.0	6.6	6.0	6.6	6.5	6.1	6.0	6.6	6.5	6.6	6.5	6.6	6.5	6.5	6.5	6.5	6.5
8	6.7	6.7	6.7	6.6	6.6	6.6	6.6	6.0	6.6	6.0	6.6	6.5	6.1	6.0	6.6	6.5	6.6	6.5	6.6	6.5	6.5	6.5	6.5	6.5
9	6.8	6.7	6.7	6.6	6.6	6.6	6.6	6.0	6.6	6.0	6.6	6.5	6.1	6.0	6.6	6.5	6.6	6.5	6.6	6.5	6.5	6.5	6.5	6.5
10	6.8	6.8	6.7	6.5	6.6	6.4	6.5	6.0	6.6	6.0	6.6	6.5	6.1	6.0	6.6	6.5	6.6	6.5	6.6	6.5	6.5	6.5	6.5	6.5
11	6.8	6.8	6.5	6.4	6.4	6.3	6.4	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
12	6.8	6.8	6.5	6.5	6.4	6.5	6.4	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
13	6.8	6.8	6.5	6.5	6.5	6.5	6.5	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
14	6.8	6.8	6.5	6.5	6.5	6.5	6.5	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
15	6.9	6.9	6.6	6.6	6.6	6.6	6.6	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
16	6.9	6.9	6.6	6.6	6.6	6.6	6.6	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
17	7.0	6.9	6.7	6.6	6.6	6.6	6.6	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
18	7.1	7.0	6.7	6.6	6.6	6.6	6.6	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
19	7.0	6.7	6.7	6.6	6.6	6.6	6.6	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
20	6.8	6.7	6.7	6.7	6.6	6.7	6.6	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
21	6.8	6.7	6.8	6.7	6.6	6.7	6.6	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
22	6.8	6.8	6.8	6.7	6.6	6.7	6.6	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
23	7.0	6.8	6.9	6.8	6.6	6.8	6.6	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
24	7.0	6.8	6.9	6.8	6.6	6.8	6.6	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
25	6.9	6.8	6.9	6.8	6.6	6.8	6.6	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
26	7.0	6.8	6.9	6.8	6.6	6.8	6.6	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
27	6.9	6.8	6.9	6.8	6.6	6.8	6.6	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
28	6.7	6.5	6.9	6.8	6.6	6.8	6.6	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
29	6.7	6.5	6.9	6.8	6.6	6.8	6.6	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
30	6.6	6.5	7.0	6.9	6.4	6.4	6.3	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
31	6.4	6.4	---	---	6.4	6.3	6.4	6.0	6.4	6.3	6.9	6.8	6.6	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	6.8
MONTH	7.1	6.4	7.0	6.3	7.0	6.3	7.0	6.3	7.0	6.3	7.0	6.3	7.0	6.3	7.0	6.3	7.0	6.3	7.0	6.3	7.0	6.3	7.0	6.3

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

PEARL RIVER BASIN

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA --Continued

TEMPERATURE (DEG. C) OF WATER* WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	22.0	19.5	19.0	18.0	13.5	12.0	9.5	8.5	11.0	10.0	16.5	15.5
2	22.5	21.5	19.0	18.0	12.0	11.0	10.5	9.5	10.5	9.5	17.0	16.5
3	21.5	20.5	19.0	18.5	11.5	10.5	11.0	10.0	11.0	9.5	18.0	17.0
4	21.0	20.5	19.5	19.0	11.5	10.5	10.0	8.5	11.5	10.0	19.0	18.0
5	20.5	20.0	20.0	19.5	12.0	11.0	8.5	7.0	12.0	11.0	20.0	19.0
6	20.5	20.0	20.0	20.0	13.0	12.0	7.5	6.5	12.5	11.5	20.0	19.0
7	20.5	20.0	20.5	20.0	13.5	13.0	9.0	7.5	11.5	10.5	19.0	18.0
8	21.5	20.0	20.5	20.0	13.0	12.5	9.0	7.5	10.5	9.5	18.0	17.5
9	22.0	21.0	20.5	20.0	12.5	12.0	6.0	5.5	10.5	9.5	17.0	16.0
10	22.5	21.5	20.5	20.5	12.0	11.5	6.0	5.5	11.5	10.0	16.0	15.5
11	23.0	22.0	20.5	20.0	12.0	11.0	7.0	6.5	11.5	11.5	15.5	14.5
12	23.0	22.5	20.5	19.5	12.0	11.5	8.5	7.5	---	---	16.5	15.5
13	23.5	22.5	19.0	17.0	13.0	12.0	9.5	8.5	14.0	13.5	16.5	15.5
14	23.5	22.5	17.0	15.5	14.0	13.0	9.0	8.5	14.5	13.5	15.5	14.0
15	23.5	22.5	15.5	15.0	14.5	14.0	8.5	8.0	15.5	14.5	15.5	14.0
16	23.0	22.5	15.0	14.5	14.5	14.5	9.5	8.5	16.0	15.5	15.5	14.5
17	22.5	21.5	15.0	14.0	14.5	13.0	8.5	7.5	17.0	16.0	15.0	13.5
18	21.5	21.0	15.0	14.0	13.0	10.5	9.0	7.0	18.0	17.0	15.0	13.5
19	20.5	19.5	15.5	14.5	10.5	9.5	8.0	7.0	18.0	17.0	15.0	14.0
20	19.5	19.0	15.5	15.0	9.5	9.0	8.5	7.5	17.5	17.0	16.5	14.5
21	19.0	18.5	15.0	14.0	9.0	8.5	8.5	7.5	17.5	17.0	16.5	15.5
22	18.5	18.0	14.0	12.5	8.5	7.5	8.5	7.5	17.0	14.5	16.0	15.0
23	18.5	18.0	12.5	11.5	8.0	7.0	9.0	7.5	14.0	13.5	16.5	15.0
24	19.5	18.5	12.0	11.0	7.5	7.0	9.5	8.5	14.5	13.0	16.5	15.0
25	19.5	19.0	11.5	11.0	8.0	7.5	11.0	9.5	14.5	13.5	16.5	16.0
26	19.5	18.5	11.5	11.0	7.5	7.5	11.5	11.0	15.0	14.0	17.5	16.0
27	19.5	18.5	11.0	10.5	8.0	7.5	11.0	10.5	15.5	14.5	---	---
28	19.5	18.5	11.0	10.5	8.5	7.5	10.5	9.5	15.5	14.5	---	---
29	19.5	19.0	13.0	11.0	8.5	8.5	10.5	9.5	16.0	15.0	---	---
30	19.5	18.5	14.0	13.0	9.0	8.5	10.5	9.0	---	---	---	---
31	18.5	18.0	---	---	9.5	9.0	10.5	9.5	---	---	---	---
MONTH	23.5	18.0	20.5	10.5	14.5	7.0	11.5	5.5	18.0	9.5	20.0	13.5

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	22.0	21.5	24.5	24.0	28.0	27.5	30.0	29.5	29.0	28.0
2	---	---	21.5	20.5	24.5	24.0	27.5	26.5	---	---	29.0	27.5
3	---	---	22.0	20.5	25.0	24.0	27.0	26.5	---	---	29.0	27.0
4	---	---	22.5	21.0	25.5	25.0	26.5	26.0	---	---	29.0	26.5
5	---	---	22.5	21.0	25.5	25.0	26.0	25.5	29.0	26.5	28.0	27.0
6	---	---	23.0	22.0	26.0	25.0	25.5	25.0	29.5	26.5	27.0	26.5
7	19.0	18.5	23.0	22.5	25.5	25.0	26.0	24.5	30.0	29.5	27.0	26.5
8	19.5	18.5	23.0	22.0	---	---	27.0	26.0	30.0	29.5	28.0	26.5
9	19.0	18.0	23.0	22.0	---	---	27.5	27.0	29.5	29.0	29.0	27.5
10	19.0	17.5	22.5	22.0	---	---	27.5	27.0	29.0	28.0	28.0	26.5
11	19.0	17.5	22.0	21.5	---	---	28.0	27.0	29.5	28.0	26.5	25.5
12	19.5	18.0	22.0	21.0	---	---	28.5	28.0	29.5	28.0	25.5	25.0
13	19.5	18.5	22.0	21.5	---	---	28.5	28.0	30.0	26.5	26.0	25.0
14	20.5	19.0	21.5	21.5	---	---	28.5	27.5	30.5	29.0	26.5	25.0
15	21.0	19.5	22.0	21.0	---	---	28.0	27.5	30.5	29.5	26.5	25.0
16	21.0	20.0	22.5	21.5	---	---	28.5	27.5	31.0	29.5	26.5	25.0
17	21.0	20.0	23.0	22.0	26.5	26.0	28.5	27.5	31.0	29.5	26.5	25.0
18	21.0	20.0	22.0	21.0	25.5	25.0	28.0	27.0	30.5	29.5	26.5	25.5
19	21.5	20.5	21.0	20.0	26.5	25.0	28.0	27.5	30.0	29.0	27.0	25.5
20	22.0	21.0	21.0	20.0	26.5	25.5	---	---	29.0	28.0	26.5	25.5
21	22.5	21.5	21.5	20.5	27.5	26.5	---	---	29.0	26.0	26.0	25.5
22	22.5	21.5	21.5	21.5	28.0	27.0	---	---	29.5	26.5	26.0	25.0
23	23.0	22.0	22.5	21.5	28.0	27.5	---	---	29.5	28.5	25.5	24.0
24	23.5	23.0	23.0	22.0	28.5	27.5	---	---	29.0	26.0	25.5	24.5
25	24.0	23.0	23.5	22.5	29.0	28.0	---	---	29.0	26.0	26.0	25.0
26	23.5	22.5	23.5	23.0	29.5	28.5	---	---	29.0	28.0	26.5	25.5
27	23.0	22.0	23.5	23.0	30.0	29.0	30.0	29.0	29.0	27.0	26.5	25.5
28	23.0	21.5	23.0	22.5	30.5	29.5	30.5	29.0	28.5	28.0	26.0	25.0
29	22.5	22.0	23.5	22.0	30.0	29.0	30.5	29.5	29.0	27.5	25.5	24.5
30	23.0	22.0	24.0	22.5	28.5	27.0	30.0	27.0	29.0	27.5	25.0	24.0
31	---	---	24.5	24.0	---	---	30.0	27.0	29.0	28.0	---	---

02490500 BOGUE CHITTO NEAR TYLERTOWN, MS

LOCATION.--Lat 31°10'37", long 90°16'48", in SE¼ sec.34, T.3 N., R.9 E., Washington meridian, Pike County, near right bank on downstream side of bridge on U.S. Highway 98, 0.2 mile (0.3 km) upstream from Fernwood, Columbia and Gulf Railroad bridge, 0.2 mile (0.3 km) upstream from Bars Branch, 2.2 miles (3.5 km) downstream from Topisaw Creek, and 9 miles (14 km) northwest of Tylertown.

DRAINAGE AREA.--502 mi² (1,300 km²).

PERIOD OF RECORD.--August 1944 to current year.

REVISED RECORDS.--WSP 1504: 1945 (P), 1946(M), 1947-51, 1953.

GAGE.--Water-stage recorder. Datum of gage is 227.40 ft (69.312 m) above mean sea level.

REMARKS.--Records good. Records of dissolved oxygen and water temperatures for the water year 1976 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--32 years, 794 ft³/s (22.49 m³/s), 21.48 in/yr (546 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 45,700 ft³/s (1,290 m³/s) Jan. 7, 1950, gage height, 33.50 ft (10.211 m); minimum discharge, 175 ft³/s (4.96 m³/s) Oct. 31, 1963, minimum gage height, 6.08 ft (1.853 m).

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in February 1936 reached a stage 1.2 ft (0.37 m) higher than the flood of Jan. 7, 1950, at the railroad bridge, 0.2 mile (0.3 km) downstream.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 6,000 ft³/s (170 m³/s): Maximum discharge, 8,850 ft³/s (251 m³/s) Mar. 31, gage height, 17.72 ft (5.401 m); minimum, 259 ft³/s (7.33 m³/s), part of each day Sept. 18, 20, 22-26, gage height, 6.57 ft (2.003 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1360	372	848	1120	1490	385	7750	388	427	357	292	334
2	1430	367	1170	799	1910	379	5470	475	508	354	437	311
3	825	365	794	1110	1560	372	2440	417	440	354	482	292
4	544	367	598	1770	875	366	1180	369	427	392	354	292
5	466	575	522	1460	684	360	905	354	398	351	309	351
6	436	974	486	869	905	366	769	351	376	343	294	351
7	422	863	582	747	1930	427	679	360	366	395	292	301
8	415	621	750	727	1700	508	616	414	354	366	287	285
9	406	549	634	660	1020	1060	564	493	346	351	278	280
10	399	480	524	586	738	1660	524	479	343	321	274	276
11	390	441	473	553	620	1680	496	447	337	324	272	272
12	382	419	444	553	556	818	482	468	332	314	278	267
13	377	397	427	554	512	688	465	728	327	346	292	269
14	370	385	417	562	482	1610	454	1610	321	447	283	272
15	387	378	413	742	465	3000	444	2020	319	376	283	265
16	712	377	420	793	440	4290	433	2020	321	404	280	263
17	3250	373	497	584	427	5030	420	1320	337	392	272	261
18	2660	370	614	518	420	3350	411	665	343	354	269	261
19	1390	367	640	481	411	1930	404	512	337	319	265	261
20	754	374	540	461	420	1040	398	451	329	304	265	261
21	588	378	481	449	424	1160	395	417	319	297	263	263
22	512	373	450	441	746	1780	385	401	311	343	263	261
23	470	369	432	433	1300	1590	379	395	306	311	267	259
24	442	363	420	429	818	885	376	395	304	299	265	261
25	426	361	461	451	536	1180	395	411	316	346	263	259
26	414	407	719	1710	468	1460	392	382	433	516	263	261
27	408	855	1030	2350	434	1180	372	552	454	465	276	263
28	403	1010	714	2020	411	1260	363	1170	388	379	304	267
29	395	689	755	1000	398	1270	360	782	332	327	327	269
30	385	557	1120	670	---	2360	369	524	321	304	287	269
31	375	---	1370	607	---	7720	---	440	---	297	283	---
TOTAL	22193	14779	19745	26209	23100	51164	29090	20210	10772	11048	9119	8357
MEAN	716	493	637	845	797	1650	970	652	359	356	294	279
MAX	3250	1010	1370	2350	1930	7720	7750	2020	508	516	482	351
MIN	370	361	413	429	398	360	360	351	304	297	263	259
CFSM	1.43	.98	1.27	1.68	1.59	3.29	1.93	1.30	.72	.71	.59	.56
IN.	1.64	1.10	1.46	1.94	1.71	3.79	2.16	1.50	.80	.82	.68	.62
CAL YR 1975 TOTAL	442545			1212		26000		361		2.41		32.79
WTR YR 1976 TOTAL	245786			672		7750		259		1.34		18.21

02490500 BOGUE CHITTO NEAR TYLERTOWN, MS--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.99	6.90	8.16	8.74	9.44	7.06	16.82	7.07	7.19	6.97	6.72	6.88
2	9.31	6.89	8.84	8.07	10.16	7.04	14.49	7.33	7.41	6.96	7.19	6.80
3	8.12	6.88	8.05	8.70	9.55	7.02	10.87	7.16	7.23	6.96	7.35	6.72
4	7.44	6.89	7.58	9.93	8.25	7.00	8.85	7.01	7.19	7.08	6.96	6.72
5	7.21	7.51	7.38	9.39	7.83	6.98	8.31	6.96	7.10	6.95	6.79	6.95
6	7.12	8.44	7.28	8.22	8.27	7.00	8.02	6.95	7.03	6.92	6.73	6.95
7	7.08	8.20	7.53	7.95	10.19	7.18	7.82	6.98	7.00	7.09	6.72	6.76
8	7.05	7.64	7.96	7.91	9.83	7.42	7.68	7.15	6.96	7.00	6.70	6.69
9	7.02	7.45	7.67	7.74	8.53	8.60	7.56	7.37	6.93	6.95	6.66	6.67
10	7.00	7.25	7.38	7.55	7.95	9.77	7.46	7.34	6.92	6.84	6.64	6.65
11	6.97	7.14	7.23	7.46	7.69	9.78	7.39	7.25	6.90	6.85	6.63	6.63
12	6.94	7.06	7.14	7.46	7.54	8.12	7.35	7.31	6.88	6.81	6.66	6.61
13	6.92	6.99	7.09	7.47	7.43	7.84	7.30	7.88	6.86	6.93	6.72	6.62
14	6.90	6.95	7.06	7.49	7.35	9.48	7.27	9.67	6.84	7.25	6.68	6.63
15	6.96	6.93	7.04	7.92	7.30	11.67	7.24	10.32	6.83	7.03	6.68	6.60
16	7.76	6.92	7.07	8.05	7.23	13.19	7.21	10.31	6.84	7.11	6.67	6.59
17	11.99	6.91	7.30	7.54	7.19	14.00	7.17	9.10	6.90	7.08	6.63	6.58
18	11.20	6.90	7.62	7.37	7.17	12.12	7.14	7.78	6.92	6.96	6.61	6.58
19	9.24	6.89	7.69	7.26	7.14	10.11	7.12	7.43	6.90	6.83	6.60	6.58
20	7.96	6.91	7.43	7.20	7.17	8.57	7.10	7.26	6.87	6.77	6.60	6.58
21	7.55	6.92	7.26	7.16	7.18	8.81	7.09	7.16	6.83	6.74	6.59	6.59
22	7.35	6.91	7.16	7.14	7.94	9.96	7.06	7.11	6.80	6.92	6.59	6.58
23	7.22	6.89	7.11	7.11	9.10	9.62	7.04	7.09	6.78	6.80	6.61	6.57
24	7.14	6.87	7.07	7.10	8.12	8.27	7.03	7.09	6.77	6.75	6.60	6.58
25	7.09	6.87	7.20	7.16	7.49	8.85	7.09	7.14	6.82	6.93	6.59	6.57
26	7.05	7.02	7.87	9.68	7.31	9.41	7.08	7.05	7.20	7.42	6.59	6.58
27	7.03	8.18	8.55	10.78	7.21	8.85	7.02	7.50	7.26	7.30	6.65	6.59
28	7.01	8.51	7.87	10.30	7.14	9.01	6.99	8.84	7.07	7.04	6.77	6.61
29	6.98	7.81	7.96	8.49	7.10	9.02	6.98	8.04	6.88	6.86	6.86	6.62
30	6.95	7.47	8.74	7.80	---	10.61	7.01	7.46	6.84	6.77	6.70	6.62
31	6.91	---	9.23	7.66	---	16.65	---	7.23	---	6.74	6.68	---
MEAN	7.66	7.24	7.63	8.06	7.99	9.32	8.02	7.66	6.97	6.96	6.72	6.66
MAX	11.99	8.51	9.23	10.78	10.19	16.65	16.82	10.32	7.41	7.42	7.35	6.95
MIN	6.90	6.87	7.04	7.10	7.10	6.98	6.98	6.95	6.77	6.74	6.59	6.57

02492000 BOGUE CHITTO NEAR BUSH, LA

LOCATION.--Lat 30°37'45", long 89°53'50", in SE¼NE¼ lot 42, in T.5 S., R.13 E., St. Tammany Parish, near center of span on downstream side of bridge on State Highway 21, 0.2 mi (0.3 km) downstream from Gulf, Mobile, and Ohio Railroad bridge, and 1.4 mi (2.3 km) north of Bush.

DRAINAGE AREA.--1,210 mi² (3,130 km²), approximately.

PERIOD OF RECORD.--October 1937 to current year.

GAGE.--Water-stage recorder. Datum of gage is 44.25 ft (13.487 m) above mean sea level (levels by Corps of Engineers). Prior to July 22, 1954, nonrecording gage at same site and datum.

REMARKS.--Water-discharge records good.

AVERAGE DISCHARGE.--39 years, 1,893 ft³/s (53.61 m³/s), 21.25 in/yr (540 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 57,000 ft³/s (1,610 m³/s) Feb. 23, 1961, gage height, 17.04 ft (5.194 m); minimum, 366 ft³/s (10.4 m³/s) Oct. 22, 23, 26, 29, 1968; minimum gage height, 0.7 ft (0.21 m) Oct. 1, 1937, Oct. 29-31, 1940, Oct. 22-27, 1941.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 8,000 ft³/s (230 m³/s) and maximum: Apr. 3 (2145) 10,300 ft³/s (292 m³/s), gage height, 10.87 ft (3.313 m); minimum discharge, 607 ft³/s (17.2 m³/s) Sept. 24, 25, 26, 27, gage height, 2.71 ft (0.826 m).

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1160	1100	1370	2450	2530	1170	4430	957	1120	1120	783	827
2	1440	1090	1400	2280	3990	1140	7230	995	1020	1170	964	964
3	2170	1070	1670	2440	4230	1130	9910	946	999	988	1400	834
4	1440	1040	1630	4070	3560	1110	8700	950	978	894	1280	801
5	1440	1050	1410	4470	2690	1090	4700	880	950	922	1120	898
6	1210	1160	1290	3630	2170	1110	2400	845	911	1080	898	1040
7	1120	1400	1450	2760	2090	1250	2390	845	859	1040	807	950
8	1080	1520	1750	2540	2490	1230	2240	939	827	908	792	831
9	1060	1420	1540	2340	2880	1300	2130	1020	804	887	747	765
10	1020	1340	1460	1980	2580	1500	2030	985	786	992	711	726
11	992	1320	1340	1760	1990	1550	1950	1040	780	953	690	696
12	968	1250	1240	1620	1690	2240	1870	1040	777	887	678	678
13	948	1160	1190	1550	1540	2090	1780	1020	759	925	672	663
14	924	1080	1150	1520	1450	1960	1680	1070	747	922	678	654
15	924	1040	1130	1460	1360	1630	1580	1520	735	932	678	648
16	1000	1030	1130	1450	1340	2130	1450	1980	726	908	666	639
17	1560	1020	1140	1590	1300	3020	1370	2240	940	848	663	630
18	2900	1010	1180	1480	1270	4890	1220	2060	1470	876	651	622
19	4070	1010	1260	1360	1240	5060	1070	1490	1120	834	639	617
20	3440	1010	1300	1300	1210	4940	999	1170	915	783	627	617
21	2170	1030	1270	1260	1300	3020	955	1030	848	744	622	617
22	1620	1040	1200	1230	2070	2220	971	971	795	720	620	617
23	1430	1010	1140	1200	1940	2430	974	943	759	711	684	612
24	1340	999	1110	1190	1800	2050	950	918	747	741	726	610
25	1280	988	1140	1180	1870	3000	946	908	750	960	657	610
26	1240	1010	1330	1360	1500	4070	978	974	750	1060	633	607
27	1200	1150	1470	2070	1350	4010	946	939	792	999	625	610
28	1180	1360	1570	2910	1270	3750	908	1010	824	967	696	615
29	1150	1560	1930	3030	1210	3020	887	1540	911	890	798	627
30	1130	1520	2580	2550	---	2730	904	1690	985	859	939	639
31	1100	---	2580	1840	---	2780	---	1380	---	848	834	---
TOTAL	46106	34807	44380	63870	58000	77140	71138	36295	26384	28368	23978	21264
MEAN	1487	1160	1432	2060	2000	2490	2311	1171	879	915	773	709
MAX	4070	1560	2580	4470	4230	5060	9910	2240	1470	1170	1400	1040
MIN	924	988	1110	1180	1210	1090	887	845	726	711	620	607
CFSM	1.23	.98	1.18	1.70	1.55	2.06	1.96	.97	.73	.76	.64	.59
IN.	1.42	1.07	1.36	1.96	1.78	2.37	2.19	1.12	.81	.87	.74	.65

CAL YR 1975 TOTAL 1140347 MEAN 3124 MAX 27500 MIN 924 CFSM 2.58 IN 35.06
 WTR YR 1976 TOTAL 531770 MEAN 1453 MAX 9910 MIN 607 CFSM 1.20 IN 16.35

PEARL RIVER BASIN

02492000 BOGUE CHITTO NEAR BUSH, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.53	4.19	4.88	6.99	7.03	4.37	8.89	3.82	4.25	4.26	3.31	3.44
2	5.13	4.17	5.04	6.71	8.57	4.31	10.09	3.93	4.00	4.38	3.81	3.84
3	6.53	4.13	5.58	6.94	8.76	4.27	10.78	3.79	3.94	3.91	4.94	3.46
4	5.93	4.04	5.50	8.61	8.23	4.23	10.50	3.80	3.88	3.64	4.64	3.37
5	5.13	4.07	4.97	8.92	7.29	4.17	8.98	3.60	3.80	3.72	4.24	3.65
6	4.67	4.34	4.68	8.29	6.53	4.23	7.44	3.50	3.69	4.14	3.65	4.06
7	4.46	4.93	5.15	7.39	6.40	4.57	6.90	3.50	3.54	4.04	3.38	3.80
8	4.36	5.25	5.74	7.11	7.02	4.53	6.64	3.77	3.45	3.68	3.34	3.46
9	4.29	4.99	5.29	6.80	7.56	4.69	6.46	3.99	3.38	3.62	3.19	3.25
10	4.21	4.80	5.11	6.18	7.15	5.19	6.29	3.90	3.32	3.91	3.07	3.12
11	4.13	4.74	4.78	5.75	6.20	6.12	6.13	4.05	3.30	3.81	3.00	3.02
12	4.07	4.58	4.55	5.48	5.62	6.65	5.97	4.04	3.27	3.62	2.96	2.96
13	4.02	4.35	4.42	5.33	5.29	6.22	5.79	3.99	3.23	3.73	2.94	2.91
14	3.96	4.16	4.33	5.24	5.08	5.35	5.60	4.12	3.19	3.72	2.96	2.88
15	3.96	4.06	4.28	5.11	4.91	5.49	5.39	5.23	3.15	3.75	2.96	2.86
16	4.15	4.02	4.28	5.07	4.79	7.40	5.16	6.19	3.12	3.68	2.91	2.82
17	5.36	3.99	4.30	5.41	4.71	8.44	4.87	6.65	3.77	3.51	2.91	2.79
18	7.51	3.97	4.41	5.15	4.63	9.16	4.50	6.34	5.11	3.59	2.87	2.77
19	8.63	3.96	4.60	4.86	4.55	9.57	4.12	5.16	4.24	3.47	2.83	2.75
20	8.10	3.97	4.70	4.70	4.48	9.18	3.94	4.38	3.70	3.31	2.79	2.75
21	6.51	4.02	4.62	4.60	4.68	7.66	3.90	4.03	3.51	3.18	2.77	2.75
22	5.48	4.04	4.44	4.53	6.35	6.62	3.93	3.86	3.35	3.10	2.76	2.75
23	5.03	3.98	4.31	4.46	6.11	6.95	3.87	3.78	3.23	3.07	2.98	2.73
24	4.80	3.94	4.23	4.42	5.99	7.27	3.80	3.70	3.19	3.17	3.12	2.72
25	4.65	3.91	4.28	4.39	5.97	7.69	3.79	3.68	3.20	3.83	2.89	2.72
26	4.55	3.97	4.76	4.82	5.21	8.63	3.88	3.87	3.20	4.10	2.81	2.71
27	4.46	4.33	5.12	6.34	4.83	8.59	3.79	3.77	3.34	3.94	2.78	2.72
28	4.40	4.90	5.37	7.59	4.62	8.40	3.68	3.96	3.44	3.85	3.02	2.74
29	4.32	5.34	6.08	7.73	4.47	7.71	3.62	5.29	3.69	3.63	3.35	2.79
30	4.26	5.25	7.15	7.10	---	7.37	3.67	5.61	3.90	3.54	3.77	2.83
31	4.21	---	7.17	5.92	---	7.43	---	4.90	---	3.51	3.47	---
MEAN	5.03	4.35	4.97	6.06	5.97	6.53	5.75	4.33	3.58	3.69	3.24	3.05
MAX	8.63	5.34	7.17	8.92	8.76	9.57	10.78	6.65	5.11	4.38	4.94	4.06
MIN	3.96	3.91	4.23	4.39	4.47	4.17	3.62	3.50	3.12	3.07	2.76	2.71

02492000 BOGUE CHITTO NEAR BUSH, LA--Continued
(National stream-quality accounting network station)

WATER QUALITY RECORDS

PERIOD OF RECORD.--Water years 1953-55, 1965-68, 1973-76.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1974 to current year.

WATER TEMPERATURES: October 1974 to current year.

INSTRUMENTATION.--Water quality monitor since October 1975.

REMARKS.--Lower limit of conductivity sensor is 28 micromhos.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 402 micromhos July 11, 1976; minimum, 28 micromhos or lower June 10-12, 1975, Apr. 2, 3, Aug. 12, 13, 1976.

WATER TEMPERATURES: Maximum, 31.5°C Aug. 17, 1976; minimum, 7.5°C Dec. 23, 1975, Jan. 6, 1976.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 402 micromhos July 11; minimum, 28 micromhos or lower Apr. 2, 3, Aug. 12, 13.

WATER TEMPERATURES: Maximum, 31.5°C Aug. 17; minimum, 7.5°C Dec. 23, Jan. 6.

WATER QUALITY DATA: WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED CHLORIDE (CFS)	DIS- SOLVED SILICA (SI02) (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (NA) (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (S04) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)
OCT.												
17...	1300	1550	11	1.4	.5	4.5	1.3	10	0	2.7	7.3	.0
NOV.												
25...	1245	954	12	1.5	.9	4.7	1.1	10	0	1.2	6.4	.2
DEC.												
05...	1100	1410	10	2.7	1.5	5.2	1.9	11	0	2.9	8.2	.1
FEB.												
03...	1100	4230	7.0	1.5	.5	3.9	1.8	8	0	3.1	7.3	.2
25...	1750	1870	6.0	2.2	.7	4.4	1.5	12	0	1.4	7.2	.1
MAR.												
14...	1155	4690	5.9	1.5	.7	2.8	1.6	8	0	2.9	3.8	.1
APR.												
15...	1000	1500	11	2.2	.4	4.7	1.2	13	0	1.3	6.6	.0
MAY												
11...	1435	1040	11	2.0	.7	5.0	1.2	9	0	1.7	7.3	.0
JUNE												
03...	1330	972	11	2.0	.5	4.4	1.4	10	0	1.7	6.5	.0
JULY												
08...	1450	909	11	3.0	.5	5.5	1.4	10	0	3.2	8.5	.1
AUG.												
24...	1300	727	10	2.1	.6	4.6	1.4	7	0	2.9	7.5	.1
SEP.												
02...	1300	963	10	1.5	1.6	4.7	1.7	8	0	2.4	7.5	.1

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRATE PLUS NITRITE (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	TOTAL NITRO- GEN (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 160 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)
OCT.												
17...	.14	.00	.14	.30	.44	.05	44	34	6	0	45	6.7
NOV.												
25...	.16	.00	.16	.13	.29	.05	34	33	7	0	45	6.8
DEC.												
05...	.22	.00	.22	.53	.75	.08	42	38	13	4	64	6.8
FEB.												
03...	1.2	.03	1.2	.68	1.9	.11	39	29	6	0	44	6.3
25...	.27	.01	.28	.34	.62	.09	26	31	8	0	47	7.1
MAR.												
14...	.17	.01	.18	.57	.75	.11	34	23	7	0	32	6.6
APR.												
15...	.18	.01	.19	.31	.50	.04	30	34	7	0	48	7.0
MAY												
11...	.26	.00	.26	.40	.66	.07	37	33	8	1	46	6.6
JUNE												
03...	--	--	.25	.16	.41	.07	51	32	7	0	45	6.5
JULY												
08...	--	--	.25	.36	.61	.06	--	39	10	2	50	6.8
AUG.												
24...	--	--	.14	.42	.56	.07	29	33	8	1	43	6.4
SEP.												
02...	--	--	.25	.35	.60	.07	45	33	10	4	44	6.5

PEARL RIVER BASIN

02492000 BOQUE CHITTO NEAR BUSH, LA --Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	RIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL PHYTO- PLANK- TON (CELLS PER ML)	FECAL COLI- FORM (COL. PER 100 ML)	STREP- TOCOCCI (COL- ONTS PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	SUS- PENDE SEDI- MENT (MG/L)	SUS- PENDE SEDI- MENT CHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .052 MM
OCT. 17...	22.5	30	15	6.6	.0	280	370	3400	3.6	--	--	--
NOV. 25...	10.0	15	4	10.3	.4	210	130	68	--	27	72	67
DEC. 05...	13.5	30	15	9.6	2.1	1100	180	90	--	58	221	74
FEB. 03...	13.5	40	35	9.4	1.4	270	1700	1500	7.8	92	937	71
25...	14.0	50	20	8.9	2.6	990	420	75	--	36	192	82
MAR. 18...	15.0	50	60	8.5	2.2	3700	1800	2400	--	193	2550	80
APR. 15...	21.0	15	8	8.3	1.4	5000	76	47	9.4	24	102	62
MAY 11...	23.5	15	9	6.8	1.0	1700	45	130	--	32	90	94
JUNE 03...	25.0	20	25	7.8	--	1200	68	110	--	34	91	94
JULY 08...	27.0	20	15	7.7	2.2	410	--	--	3.3	42	100	88
AUG. 24...	27.0	10	20	7.6	1.5	390	580	260	--	39	77	92
SEP. 02...	28.0	40	10	7.7	4.1	400	60	170	--	26	68	92

DATE	TOTAL ARSENIC (AS) (UG/L)	SUS- PENDE ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	TOTAL COBALT (CO) (UG/L)	DIS- SOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL IRON (FE) (UG/L)
OCT. 17...	1	1	0	0	0	<10	0	0	0	3	0	800
FEB. 03...	1	0	1	0	0	<10	0	0	0	--	9	1700
JULY 08...	1	1	0	0	0	15	0	2	0	5	5	900

DATE	DIS- SOLVED IRON (FE) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MANG- NESE (MN) (UG/L)	DIS- SOLVED MANG- NESE (MN) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDE MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL SELE- NIUM (SE) (UG/L)	DIS- SOLVED SELE- NIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT. 17...	110	3	2	90	40	.0	.0	.0	0	0	30	20
FEB. 03...	70	3	0	120	130	.0	.0	.0	0	0	20	20
JULY 08...	310	6	0	90	50	.2	.0	.2	0	0	20	10

02492000 BOGUE CHITTO NEAR BUSH, LA --Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C) + WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	47	44	45	44	57	44	45	40	36	35	44	43
2	45	42	46	45	44	39	48	44	36	35	44	43
3	58	44	46	44	48	39	45	36	36	36	44	43
4	50	44	44	44	50	48	36	31	42	37	44	43
5	50	43	45	43	50	40	39	37	39	36	44	44
6	53	48	44	43	41	40	39	37	38	35	45	44
7	47	45	45	41	43	39	38	36	36	35	52	43
8	46	45	49	44	40	37	37	34	38	36	45	44
9	46	45	64	46	41	38	37	36	38	36	46	44
10	45	45	45	44	41	39	---	---	38	38	48	46
11	45	45	45	42	43	41	---	---	39	38	57	48
12	46	45	43	41	49	41	---	---	39	38	53	41
13	47	46	46	41	41	40	---	---	38	38	42	41
14	48	47	48	43	40	40	37	36	39	38	42	42
15	49	48	43	41	40	39	38	36	39	38	44	42
16	49	48	41	40	40	40	38	37	39	39	47	38
17	49	43	41	40	40	38	38	38	39	39	38	34
18	49	44	40	39	41	38	42	38	41	39	34	30
19	49	39	40	38	40	40	47	42	41	39	33	30
20	44	40	40	39	43	40	48	38	39	38	37	33
21	44	43	39	39	46	43	38	38	38	33	40	37
22	44	44	39	38	47	45	38	33	35	34	42	40
23	45	44	39	38	48	43	35	32	38	34	47	42
24	44	44	39	39	43	41	36	34	55	46	46	40
25	44	44	39	39	41	39	36	31	55	45	40	38
26	45	43	39	38	41	39	31	28	45	43	39	38
27	44	44	38	36	40	38	36	31	43	42	43	39
28	45	44	38	36	45	39	36	35	43	29	43	42
29	45	44	47	37	48	44	38	35	43	42	44	41
30	45	44	50	48	44	36	36	34	---	---	47	44
31	45	44	---	---	42	36	36	35	---	---	46	43
MONTH	58	39	64	36	57	36	48	28	55	29	57	30

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	43	32	50	48	50	43	59	46	48	46	48	44
2	32	---	49	48	52	---	46	39	47	41	46	38
3	28	---	51	48	---	---	44	40	45	38	42	38
4	33	28	52	50	46	45	48	44	45	39	45	41
5	38	34	54	51	46	42	52	48	50	44	50	43
6	41	39	54	49	44	42	50	47	47	44	42	37
7	44	42	51	50	46	44	51	48	46	43	45	37
8	43	42	50	48	46	46	51	48	45	43	48	44
9	44	42	48	46	47	46	52	50	48	45	50	48
10	45	43	47	46	50	47	125	49	48	32	48	44
11	44	43	49	47	48	46	402	45	34	29	46	44
12	46	44	51	50	47	46	48	46	29	---	46	45
13	46	44	51	50	47	45	48	45	43	---	48	47
14	45	44	52	51	46	45	47	43	44	43	49	48
15	47	45	57	51	45	44	44	43	44	43	49	48
16	46	44	57	44	45	44	45	43	45	44	49	42
17	46	45	45	44	45	42	53	45	44	43	---	---
18	45	44	47	46	47	37	112	47	46	44	---	---
19	45	44	49	47	42	39	114	65	46	45	---	---
20	46	45	49	44	48	42	64	55	46	46	---	---
21	46	44	45	44	49	47	54	49	46	45	48	35
22	45	44	45	44	47	46	49	47	47	46	49	47
23	45	43	45	44	47	46	51	39	47	45	49	48
24	48	45	45	43	47	46	51	46	47	44	50	49
25	49	48	44	43	47	46	48	44	48	46	51	50
26	49	47	45	43	47	45	45	43	47	46	51	50
27	49	47	44	42	46	42	45	44	46	45	51	50
28	50	48	44	42	46	42	53	44	46	45	51	50
29	51	48	46	40	59	45	60	54	45	43	51	50
30	50	49	44	41	66	55	52	45	46	42	52	51
31	---	---	42	40	---	---	54	46	46	42	---	---
MONTH	51	28	57	40	66	37	402	39	50	29	52	35

PEARL RIVER BASIN

02492000 BOGUE CHITTO NEAR BUSH, LA --Continued

TEMPERATURE (DEG. C) OF WATER+ WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	23.5	22.0	20.5	19.5	15.5	14.0	12.0	11.0	15.0	14.5	19.0	17.5
2	23.5	22.5	21.0	19.5	13.5	12.0	12.5	11.0	15.0	12.5	19.5	18.5
3	22.5	20.5	21.5	20.0	12.0	11.0	13.0	12.0	13.5	11.0	20.5	19.0
4	21.0	20.0	22.0	21.0	11.5	10.5	11.5	9.0	12.0	11.0	21.0	19.5
5	21.0	20.5	22.5	21.5	12.5	11.5	9.0	8.0	11.5	10.5	22.5	21.0
6	21.5	20.5	22.5	22.0	14.5	12.5	8.5	7.5	12.5	11.0	22.5	20.5
7	21.5	21.0	22.0	21.0	16.0	14.5	11.0	8.5	13.5	12.5	20.5	18.5
8	22.5	21.0	21.5	21.0	16.0	14.0	11.0	9.5	14.5	13.5	18.5	17.5
9	23.5	22.0	22.0	21.5	14.0	13.0	9.0	8.0	15.5	14.5	18.0	17.0
10	24.0	22.5	22.5	21.5	13.0	12.0	---	---	16.5	15.5	17.5	16.5
11	24.0	23.0	22.5	21.5	12.0	11.5	---	---	16.5	15.5	17.5	16.0
12	24.0	23.0	22.0	20.0	12.5	11.5	---	---	16.5	16.0	19.0	17.0
13	24.0	22.5	20.0	17.0	14.0	12.5	---	---	17.5	16.5	19.0	18.5
14	24.0	22.5	17.0	14.5	16.0	14.0	13.5	12.5	18.0	17.0	18.5	16.0
15	24.0	23.0	14.0	13.5	17.0	16.0	13.5	12.0	19.0	17.5	17.0	16.0
16	24.0	23.0	14.0	12.5	17.0	16.5	12.0	11.0	19.5	19.0	17.0	15.5
17	23.0	22.0	14.0	13.0	16.5	14.5	11.5	11.0	19.5	18.0	15.5	14.5
18	22.0	21.0	14.5	13.5	14.0	11.0	11.0	10.0	19.0	17.5	16.0	14.5
19	21.0	20.0	16.0	14.0	11.0	9.0	10.5	8.5	18.5	17.5	16.0	15.0
20	19.5	19.0	16.0	15.5	9.0	8.5	9.0	8.5	18.5	18.0	14.0	16.0
21	19.5	18.5	15.5	14.0	9.0	8.5	9.5	8.5	18.5	15.5	19.5	18.0
22	19.5	19.0	14.0	12.0	8.5	8.0	10.5	9.0	15.5	13.0	19.0	18.0
23	20.0	19.0	12.0	11.0	8.5	7.5	10.5	9.0	14.0	13.0	18.5	17.5
24	21.5	19.5	11.0	10.0	8.5	8.0	10.5	10.0	14.5	14.0	18.5	17.5
25	22.0	20.5	11.0	10.0	9.0	8.5	11.5	10.5	15.5	13.5	18.5	17.5
26	22.0	20.5	11.0	10.0	9.0	9.0	12.0	11.5	16.5	15.0	19.0	17.0
27	21.0	20.0	10.5	10.0	4.5	8.5	11.5	11.0	18.0	16.0	20.5	19.0
28	21.0	20.0	11.0	10.0	10.5	9.0	11.5	10.5	18.5	16.5	20.0	19.0
29	21.5	20.0	13.5	11.0	11.5	10.5	12.0	11.0	19.0	16.5	20.5	19.0
30	21.5	20.5	16.0	13.5	12.0	11.5	12.5	11.5	---	---	21.5	20.5
31	20.5	19.5	---	---	12.0	11.5	14.5	12.5	---	---	21.5	19.0
MONTH	24.0	18.5	22.5	10.0	17.0	7.5	14.5	7.5	19.5	10.5	22.5	14.5

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	19.0	18.5	22.5	21.5	24.5	23.5	27.5	26.0	30.5	29.0	29.0	27.0
2	18.5	17.5	22.5	20.5	25.5	23.5	27.5	26.0	29.0	28.0	27.5	27.0
3	18.0	17.5	23.5	20.5	---	---	27.0	26.0	28.0	26.0	28.5	27.0
4	18.5	17.5	23.5	21.5	27.0	25.0	27.5	26.0	28.0	26.5	28.0	27.0
5	19.0	18.0	23.5	21.5	26.0	25.0	27.0	25.5	28.5	27.5	27.5	26.5
6	20.0	19.0	24.5	22.5	26.0	25.0	26.0	25.0	29.0	27.5	27.5	26.0
7	20.0	19.0	24.0	23.5	26.5	24.5	26.5	25.0	30.5	27.5	27.0	26.0
8	20.5	19.5	23.5	23.0	26.5	24.5	28.0	25.5	31.0	28.0	27.5	26.0
9	21.0	19.0	23.5	22.0	26.5	24.5	29.0	26.5	30.0	27.0	27.0	26.5
10	20.0	19.0	23.0	22.0	27.5	25.0	28.5	26.5	28.5	26.5	27.5	26.5
11	20.5	19.0	23.5	21.5	27.5	25.5	30.0	26.5	29.0	26.0	26.5	25.0
12	21.5	19.5	24.0	22.0	28.0	25.5	30.0	27.5	28.5	26.0	25.5	23.5
13	22.0	20.5	24.0	23.5	29.0	26.0	29.0	27.0	29.0	26.0	26.0	24.0
14	22.5	21.0	23.5	23.0	29.0	26.0	29.0	27.0	30.0	27.5	26.5	24.5
15	23.5	21.5	23.5	22.0	28.0	26.5	29.0	27.0	30.5	27.5	26.5	24.5
16	23.0	22.0	23.5	22.0	27.5	26.5	29.0	27.0	31.0	28.0	25.5	25.0
17	23.0	22.0	23.5	22.0	27.0	26.0	29.0	27.5	31.5	28.5	---	---
18	24.0	21.5	23.0	22.0	26.5	24.5	28.0	26.0	31.0	28.5	---	---
19	24.5	22.0	23.0	21.5	27.0	26.0	28.5	26.5	29.5	27.5	---	---
20	24.0	22.5	24.0	22.0	28.0	26.0	29.5	27.0	29.0	26.5	---	---
21	25.0	22.5	24.5	22.0	28.5	26.0	30.5	27.5	28.5	27.0	---	---
22	25.0	22.5	23.5	22.5	28.5	26.0	30.5	27.5	29.0	27.0	---	---
23	24.5	22.5	24.5	22.0	28.5	26.0	31.0	28.0	29.0	27.0	---	---
24	25.0	23.5	24.0	22.5	27.5	26.5	31.0	28.5	29.0	27.0	---	---
25	25.5	23.5	25.5	23.0	28.5	26.5	29.0	27.5	28.5	27.0	---	---
26	25.0	23.0	24.5	24.0	30.0	27.5	29.5	27.0	29.0	27.5	---	---
27	23.5	22.0	24.0	23.5	30.5	27.5	30.0	28.0	29.5	27.5	---	---
28	23.5	21.0	23.5	22.5	30.5	28.0	31.0	28.5	28.0	27.0	25.5	24.5
29	23.0	21.5	23.5	22.5	30.5	28.0	30.0	28.5	27.5	26.0	25.0	24.0
30	23.0	21.5	24.5	22.5	29.0	27.0	29.5	27.5	28.0	26.0	24.5	23.0
31	---	---	25.0	24.0	---	---	30.5	28.0	28.0	26.5	---	---
MONTH	25.5	17.5	25.5	20.5	30.5	23.5	31.0	25.0	31.5	26.0	---	---

02492000 BOQUE CHITTO NEAR BUSH, LA --Continued

OCT. 17, 1975
1300 HOURS

IDENTIFICATION OF PHYTOPLANKTON

280 CELLS/ML

	ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
	CHRYSOPHYTA			
	.BACILLARIOPHYCEAE	DIATOMS		
	..CENTRALES	CENTRIC		
	...COSCINODISCEAE			
L	MELOSIRA			0
	..PENNALES	PENNATE		
	...FRAGILARIACEAE			
L	SYNEDRA			0
	...NAVICULACEAE	NAVICULOID		
D	NAVICULA		120	43
	...PINNULARIA		20	7
	...NITZSCHACEAE			
D	NITZSCHIA		120	43
	EUGLENOPHYTA	EUGLENOIDS		
	.EUGLENOPHYCEAE			
	..EUGLENALES			
	...EUGLENACEAE			
	TRACHELOMONAS		20	7

NOV. 25, 1975
1245 HOURS

IDENTIFICATION OF PHYTOPLANKTON

210 CELLS/ML

	ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
	CHLOROPHYTA			
	.CHLOROPHYCEAE	GREEN ALGAE		
	..CHLOROCOCCALES			
	...OCCYSTACEAE			
	ANKISTRODESMUS		6	3
	...SCENEDESMACEAE			
	SCENEDESMUS		13	6
	CHRYSOPHYTA			
	.BACILLARIOPHYCEAE	DIATOMS		
	..CENTRALES	CENTRIC		
	...COSCINODISCEAE			
	MELOSIRA		19	9
	..PENNALS	PENNATE		
	...CYMBELLACEAE			
	CYMBELLA		19	9
	...FRAGILARIACEAE			
	SYNEDRA		6	3
	...GOMPHONEMACEAE			
	GOMPHONEMA		6	3
	...NAVICULACEAE	NAVICULOID		
D	NAVICULA		90	44
	...NITZSCHACEAE			
D	NITZSCHIA		39	19
	...SURIRELLACEAE			
	SURIRELLA		6	3

PEARL RIVER BASIN

02492000 BOGUE CHITTO NEAR BUSH, LA --Continued

DEC. 5, 1975
1100 HOURS

IDENTIFICATION OF PHYTOPLANKTON

1+100 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CFNT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
...CHLOROCOCCALES			
...OCCYSTACEAE			
....ANKISTRODESMUS		30	3
...SCENEDESMACEAE			
....SCENEDESMUS		75	7
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISACEAE			
....CYCLOTELLA		30	3
....MELOSIRA		30	3
..PENNALES	PENNATE		
...ACHNANTHACEAE			
....ACHNANTHES		90	4
...CYMBELLACEAE			
....CYMBELLA		15	1
...EUNOTIACEAE			
....EUNOTIA		30	3
...FRAGILARIACEAE			
....ASTERIOVELLA		15	1
...GOMPHONEMACEAE			
....GOMPHONEMA		60	5
...NAVICULACEAE	NAVICULOID		
DNAVICULA		160	15
...NITZSCHIACEAE			
....NITZSCHIA		130	12
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
...OSCILLATORIALES	FILAMENTOUS		
....OSCILLATORIACEAE			
DLYNGBYA		450	40

02492000 BOGUE CHITTO NEAR BUSH, LA --Continued

FER. 3. 1976
1100 HOURS

IDENTIFICATION OF PHYTOPLANKTON

270 CELLS/ML

	ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
	CHLOROPHYTA	GREEN ALGAE		
	..CHLOROPHYCEAE			
	..CHLOROCOCCALES			
	...OCCYSTACEAE			
L	RADIOCOCCUS			0
	...SCENEDESMACEAE			
	SCENEDESMUS		37	14
	CHRYSOPHYTA			
	..BACILLARIOPHYCEAE	DIATOMS		
	..CENTRALES	CENTRIC		
	...COSCINODISCEAE			
	MFLOSIRA		9	3
	..PENNALES	PENNATE		
	...ACHNANTHACEAE			
	ACHNANTHES		37	14
	...FUNOTIACEAE			
	FUNOTIA		9	3
	...FRAGILARIACEAE			
	SYNEDRA		19	7
	...GOMPHONEMACEAE			
	GOMPHONEMA		9	3
	...NAVICULACEAE	NAVICULOID		
D	NAVICULA		100	38
L	...PINNULARIA			0
L	...STAURONEIS			0
	...NITZSCHACEAE			
	NITZSCHIA		9	3
	...SURIRELLACEAE			
	SURIRELLA		9	3
	CHRYSOPHYCEAE	YELLOW-BROWN ALGAE		
	..CHRYSONOMADALES			
	...OCHROMONADACEAE			
	DINORRYON		9	3
	CYANOPHYTA	BLUE-GREEN ALGAE		
	..MYXOPHYCEAE			
	..OSCILLATORIALES	FILAMENTOUS		
	...NOSTOCACEAE			
L	ANABAENA			0
L	APHANIZOMENON			0
	PYRRHOPHYTA			
	..DINOPHYCEAE	DINOFLAGELLATES		
	...PERIDINIALES			
	...CERATIACEAE			
	CERATIUM		9	3
	...GLENODINIACEAE			
	GLENODINIUM		9	3

PEARL RIVER BASIN

02492000 BOGUE CHITTO NEAR BUSH, LA --Continued

FER. 25, 1976
1750 HOURS

IDENTIFICATION OF PHYTOPLANKTON

990 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
..OCCYSTACEAE			
....ANKISTHODESMUS		25	3
LDICTYOSPHAERIUM			0
....SCENEDESMACEAE			
DSCENEDESMUS		300	31
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
....COSCINODISCACEAE			
....MELOSIRA		100	10
..PENNALES	PENNATE		
....CYMBELLACEAE			
....CYMBELLA		25	3
....FUNOTIACEAE			
....FUNOTIA		25	3
....FRAGILARIACEAE			
....FRAGILARIA		25	3
LSYNEDRA			0
....GOMPHONEMATACEAE			
....GOMPHONEMA		76	8
....NAVICULACEAE	NAVICULOID		
DNAVICULA		150	15
LPINNULARIA			0
....STAUROISEIS		25	3
....NITZSCHACEAE			
DNITZSCHIA		230	23
....SURIWELLACEAE			
LSURIWELLA			0

MAR. 18, 1976
1155 HOURS

IDENTIFICATION OF PHYTOPLANKTON

3,700 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
....SCENEDESMACEAE			
....SCENEDESMUS		320	10
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
....COSCINODISCACEAE			
....MELOSIRA		320	8
..PENNALES	PENNATE		
....CYMBELLACEAE			
....CYMBELLA		70	2
....EUNOTIACEAE			
....EUNOTIA		35	1
....FRAGILARIACEAE			
....FRAGILARIA		110	3
....GOMPHONEMATACEAE			
....GOMPHONEMA		140	4
....NAVICULACEAE	NAVICULOID		
....NAVICULA		530	14
....NITZSCHACEAE			
....NITZSCHIA		140	4
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..CHROOCOCCALES	COCCHOID		
....CHROOCOCCACEAE			
....ANACYSTIS		250	7
....OSCILLATORIALES	FILAMENTOUS		
....NOSTOCACEAE			
LANABAENA			0
LAPHANIZOMENON			0
....OSCILLATORIA			
DOSCILLATORIA		1,800	47

02492000 BOGUE CHITTO NEAR BUSH, LA --Continued

APR. 15, 1976
1000 HOURS

IDENTIFICATION OF PHYTOPLANKTON

5,000 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...MICRACTINIACEAE			
....GOLENKINIA		45	1
...OCCYSTACEAE			
....ANKISTRODESMUS		49	2
....DICTYOSPHAERIUM		270	5
...SCENEDESMACEAE			
DSCENEDESMUS		2,800	56
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..CHROOCOCCALES	COCCOID		
...CHROOCOCCACEAE			
DANACYSTIS		1,700	35
EUGLENOPHYTA	EUGLENOIDS		
..EUGLENOPHYCEAE			
..EUGLENALES			
...EUGLENACEAE			
....TRACHELOMONAS		45	1

MAY 11, 1976
1435 HOURS

IDENTIFICATION OF PHYTOPLANKTON

1,700 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...MICRACTINIACEAE			
....MICRACTINIUM		110	6
...OCCYSTACEAE			
....TETRAEDRON		27	2
...SCENEDESMACEAE			
DSCENEDESMUS		700	42
..VOLVOCALES			
...VOLVOCAEAE			
DGONIUM		320	19
..ZYGNEMATALES			
...DESMIDIACEAE	PLACODERM DESMIDS		
....COSMARION		54	3
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIAATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
....CYCLOTELLA		130	8
....MELOSIRA		81	5
..PENNATALES	PENNATE		
...ACHNANTHACEAE			
....ACHNANTHES		27	2
...CYMBELLACEAE			
....CYMBELLA		27	2
...NITZSCHACEAE			
....NITZSCHIA		27	2
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..CHROOCOCCALES	COCCOID		
...CHROOCOCCACEAE			
....ANACYSTIS		160	10

PEARL RIVER BASIN

02492000 BOGUE CHITTO NEAR BUSH, LA --Continued

JUNE 3, 1970
1330 HOURS

IDENTIFICATION OF PHYTOPLANKTON

1+200 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...MICRACTINIACEAE			
D ...MICRACTINIUM		250	20
...OCCYSTACEAE			
...ANKISTRODESMUS		140	11
...DICTYOSPHAERIUM		49	4
...SCENEDESMACEAE			
D ...SCENEDESMUS		320	27
..ZYGNEMATALES			
...DESMIDIACEAE	PLACODERM DESMIDS		
L ...CLOSTERIUM			0
L ...COSMARIJA			0
CHYRISOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINOUIDISACEAE			
...CYCLOTELLA		12	1
...MELOSIRA		12	1
..PENNALES	PENNATE		
...FRAGILARIACEAE			
...SYNEDRA		12	1
...NAVICULACEAE	NAVICULOID		
...NAVICULA		37	3
...NITZSCHACEAE			
...NITZSCHIA		49	4
...SURIPELLACEAE			
L ...SURIPELLA			0
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..CHROOCOCCALES	COCCOID		
...CHROOCOCCACEAE			
D ...ANACYSTIS		200	16
...OSCILLATORIALES	FILAMENTOUS		
...OSCILLATORIACEAE			
...OSCILLATORIA		120	10
EUGLENOPHYTA	EUGLENOIDS		
..EUGLENOPHYCEAE			
...EUGLENALES			
...EUGLENACEAE			
...TRACHELONYXAS		12	1

02492000 BOGUE CHITTO NEAR BUSH, LA --Continued

JULY 8, 1976
1850 HOURS

IDENTIFICATION OF PHYTOPLANKTON

410 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
...CHLOROCOCCALES			
...OCCYSTACEAE			
....ANKISTRODES MUS		42	10
...SCENEDESMACEAE			
....SCENEDESMUS		51	12
CHYSSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISACEAE			
....MELOSIRA		59	14
..PENNALES	PENNATE		
...CYMBELLACEAE			
....CYMBELLA		8	2
...FUNOTIACEAE			
....FUNOTIA		8	2
...GOMPHONEMACEAE			
....GOMPHONEMA		8	2
...NAVICULACEAE	NAVICULOID		
....FRUSTULIA		8	2
...NAVICULA		17	4
...PINNULARIA		17	4
...NITZSCHACEAE			
....NITZSCHIA		51	12
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
...CHROOCOCCALES	COCCOID		
...CHROOCOCCACEAE			
....AGMENELLUM		130	33
EUGLENOPHYTA	EUGLENOIDS		
..EUGLENOPHYCEAE			
...EUGLENALES			
...EUGLENACEAE			
....TRACHELOMONAS		8	2

PEARL RIVER BASIN

02492000 BOGUE CHITTO NEAR BUSH, LA --Continued

AUG. 24, 1976
1300 HOURS

IDENTIFICATION OF PHYTOPLANKTON

390 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
...ZYGNEMATALES			
....DPSMIDIACEAE	PLACODERM DESMIDS	10	3
....CLUSTERIUM			
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	Diatoms		
...PENNIALES	PENNATE		
....ACHNANTHACEAE			
....ACHNANTHES		10	3
....COCCONEIS		10	3
....CYMBELLACEAE			
....CYMBELLA		10	3
....FRITHEMIA		21	5
....DIATOMACEAE			
....DIATOMA		10	3
....GOMPHONEMACEAE			
....GOMPHONEMA		10	3
....NAVICULACEAE	NAVICULOID		
....NAVICULA		31	8
....NITZSCHACEAE			
1)NITZSCHIA		120	30
....SURIKELLACEAE			
....SURIKELLA		10	3
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..OSCILLATORIALES	FILAMENTOUS		
...NOSTOCACEAE			
....ANABAENA		31	8
....OSCILLATORIACEAE			
1)OSCILLATORIA		100	27
EUGLENOPHYTA	EUGLENOIDS		
..EUGLENOPHYCEAE			
...EUGLENALS			
....EUGLENACEAE			
....TRACHELOMONAS		10	3

02492000 BOQUE CHITTO NEAR BUSH, LA --Continued

SEP. 2, 1976
1300 HOURS

IDENTIFICATION OF PHYTOPLANKTON

400 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
....ANKISTRODES MUS		36	9
....SCENEDESMACEAE			
D)SCENEDESMUS		180	46
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	Diatoms		
..CENTRALES	CENTRIC		
..COSCINOIDISACEAE			
....CYCLOTELLA		6	1
..PENNALES	PENNATE		
....ACHNANTHACEAE			
....COCCONEIS		18	4
....CYMBELLACEAE			
....CYMBELLA		42	10
....EUNOTIACEAE			
....EUNOTIA		6	1
....FRAGILARIACEAE			
....SYNEURA		12	3
....GOMPHONEMACEAE			
....GOMPHONEMA		6	1
....NAVICULACEAE	NAVICULOID		
....FRUSTULIA		18	4
....NAVICULA		48	12
....STAUROIDEIS		6	1
....NITZSCHACEAE			
....NITZSCHIA		12	3
..CHRYSOPHYCEAE	YELLOW-BROWN ALGAE		
..CHRYSOMONADALES			
....CHROMULINACEAE			
....CHYSDOCCEUS		6	1
..XANTHOPHYCEAE	YELLOW-GREEN ALGAE		
..PETERODUCCEALES			
....CENTRITRACTACEAE			
....CENTRITRACTUS		6	1

NOTE: D - DOMINANT ORGANISM: GREATER OR EQUAL TO 15%
 L - LESS THAN 1%; MAY NOT HAVE BEEN ACTUALLY COUNTED
 ANALYSIS METHOD: SEDGWICK-RAFTER CHAMBER, 200-X MICROSCOPE

02492600 PEARL RIVER AT PEARL RIVER, LA

LOCATION.--Lat 30°23'08", long 89°44'12", in NE¼ sec.1, T.8 S., R.14 E., St. Helena meridian, on left fender at downstream side of Southern Railway bridge over West Pearl River, 600 ft (183 m) upstream from Interstate Highway 59, and 0.8 mi (1.3 km) northeast of town of Pearl River.

DRAINAGE AREA.--8,590 mi² (22,248 km²).

PERIOD OF RECORD.--October 1963 to September 1970. October 1975 to current year (gage heights only). Daily discharge records October 1961 to September 1963 and gage heights only October 1970 to September 1975 in files of Corps of Engineers, Mobile district. Gage-height records since June 1906 are in reports of National Weather Service and records October 1899 to May 1906 (collected by Southern Railway System) are in files of National Weather Service, Meridian, Miss.

GAGE.--Water-stage recorder. Datum of gage is 0.36 ft (0.110 m) above mean sea level.

REMARKS.--Records of daily discharge are the combined flow of the entire flood plain of the West and East Pearl Rivers.

AVERAGE DISCHARGE.--7 years (1963-70) 9,470 ft³/s (268.19 m³/s), 14.97 in/yr (380 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 114,700 ft³/s (3,248 m³/s) Feb. 18, 1966, gage height, 17.61 ft (5.368 m); minimum daily, 1,580 ft³/s (44.7 m³/s) Oct. 24, Nov. 10, 1963. Maximum stage reported by National Weather Service, 18.6 ft (5.67 m) Mar. 16, 1921; maximum stage reported by the Southern Railway System, 19.7 ft (6.00 m) Apr. 19, 1900.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of 1874 reached a stage of 20.2 ft or 6.16 m (furnished by Corps of Engineers).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.61 ft (5.063 m) Apr. 6; minimum, 3.22 ft (0.982 m) Sept. 30.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.74	12.70	7.20	11.06	11.20	9.67	16.25	6.56	8.70	6.08	4.62	4.09
2	6.07	12.80	7.64	10.89	11.40	9.67	16.23	6.87	8.82	6.40	4.50	4.06
3	6.20	12.88	7.88	10.87	11.76	9.55	16.40	7.05	8.98	6.96	4.84	4.28
4	6.70	12.76	8.12	11.26	12.14	9.32	16.47	7.10	8.69	6.96	5.66	4.49
5	6.78	12.22	8.42	11.92	12.20	9.03	16.52	6.91	8.26	6.60	5.98	4.56
6	6.39	11.00	8.50	12.78	12.30	8.60	16.61	6.84	8.00	6.78	5.60	4.88
7	6.04	9.40	8.44	13.05	12.08	8.15	16.60	6.73	8.02	6.90	5.20	5.56
8	5.85	8.40	8.30	12.86	11.70	7.95	16.55	6.52	7.90	7.00	5.18	5.80
9	5.70	8.58	8.32	12.60	11.40	8.12	16.59	6.28	7.64	6.96	5.28	5.59
10	5.60	9.48	8.38	12.40	11.39	8.00	16.49	6.39	7.24	7.30	5.12	5.10
11	5.55	10.40	8.70	12.19	11.24	8.48	16.49	6.59	6.90	7.88	4.72	4.66
12	5.48	10.80	8.78	11.82	10.80	9.64	16.00	7.49	6.60	8.23	4.32	4.52
13	5.40	10.88	8.38	11.49	10.25	10.84	15.89	---	6.26	8.18	4.00	4.70
14	5.30	10.49	7.86	11.20	9.50	11.59	15.85	9.88	5.86	7.72	3.80	4.74
15	5.20	9.81	7.56	11.00	8.89	12.00	15.80	9.91	5.58	7.24	---	4.60
16	5.28	9.40	7.42	10.82	8.45	12.29	15.65	9.23	5.30	6.90	---	4.38
17	5.52	9.18	7.39	10.70	8.21	12.65	15.38	8.88	5.16	6.38	3.60	4.24
18	5.88	8.98	7.36	10.70	8.11	13.05	14.97	9.05	5.20	5.82	3.60	4.11
19	6.78	8.62	7.36	10.74	8.00	13.51	14.15	9.80	6.30	5.72	3.72	3.96
20	8.22	8.06	7.51	10.68	7.82	14.03	12.56	10.71	7.46	5.78	3.78	3.76
21	9.70	7.44	7.90	10.46	7.73	14.40	10.73	11.15	7.74	5.56	3.69	3.60
22	10.81	6.94	8.38	10.18	8.50	14.62	9.30	11.30	7.18	5.14	3.56	3.50
23	11.40	6.60	8.59	9.86	8.99	14.92	8.41	11.12	6.50	4.78	3.38	3.56
24	11.88	6.38	8.50	9.60	9.40	15.18	7.93	10.70	6.02	4.50	3.34	3.58
25	12.15	6.20	8.39	9.34	9.20	15.42	7.63	10.28	6.08	4.40	3.60	3.57
26	12.38	6.09	8.30	9.10	9.43	15.56	7.29	9.78	6.19	5.18	3.68	3.60
27	12.48	6.11	8.26	8.70	9.72	15.89	6.99	9.31	6.12	5.74	3.58	3.57
28	12.56	6.18	8.30	8.69	9.80	16.20	6.77	9.09	6.06	5.68	3.48	3.44
29	12.56	6.36	8.80	9.49	9.70	16.35	6.60	8.70	5.92	5.24	3.46	3.42
30	12.56	6.66	9.74	10.48	---	16.35	6.41	8.65	5.86	4.72	3.56	3.26
31	12.60	---	10.66	11.00	---	16.30	---	8.84	---	4.60	3.84	---
MEAN	8.09	9.06	8.24	10.90	10.05	12.17	13.18	---	6.88	6.24	---	5.98
MAX	12.60	12.88	10.66	13.05	12.30	16.35	16.61	---	8.98	8.23	---	5.80
MIN	5.20	6.09	7.20	8.69	7.73	7.95	6.41	---	5.16	4.40	---	3.34

MISSISSIPPI RIVER MAIN STEM

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS

LOCATION.--Lat 31°00'30", lon 91°37'25", in lot 6, T.1 N., R.5 W., Wilkinson County, near left bank at Tarbert Landing, 2.5 mi (4.0 km) upstream from Lower Old River, 8.2 mi (13.2 km) downstream from inlet channel to Old River control structure, and at mile 306.3 (492.8 km).

DRAINAGE AREA.--1,128,900 mi² (2,924,000 km²), contributing.

PERIOD OF RECORD.--October 1972 to September 1975. Elevation, intermittently, 1932 to date; discharge, intermittently, 1911 to 1913, 1928, 1929, and 1932 to 1936; and discharge computed daily since 1936 are in reports of Corps of Engineers.

GAGE.--Nonrecording gage. Datum of gage is at mean sea level.

REMARKS.--Natural flow of stream affected by many reservoirs and navigation dams.

COOPERATION.--Records of daily discharge furnished by Corps of Engineers.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,500,000 ft³/s (42,500 m³/s) May 16, 1973, elevation, 54.61 ft (16.645 m, minimum, 187,000 ft³/s (5,300 m³/s) Oct. 21, 1975, elevation, 14.52 ft (4.426 m).
Maximum discharge observed since at least 1936, 1,980,000 ft³/s (56,100 m³/s) Feb. 19, 1937.

NOTE.--Records for 1976 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS--Continued

PERIOD OF RECORD.--Water years 1973-76.

PERIOD OF DAILY RECORD.--

SUSPENDED SEDIMENT DISCHARGE: October 1972 to September 1975.

REMARKS.--Samples are collected by Corps of Engineers and analyzed by Geological Survey; records are computed by Corps of Engineers and reviewed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 1,930,000 tons (1,751,000 tonnes) Dec. 21, 1972; minimum daily, 67,000 tons (60,800 tonnes) Nov. 1, 1974.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	DIS- CHARGE (CFS)	SUS- PENDE SEDIM- ENT (MG/L)	SUS- PENDE SEDIM- ENT (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM	DATE	DIS- CHARGE (CFS)	SUS- PENDE SEDIM- ENT (MG/L)	SUS- PENDE SEDIM- ENT (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
OCT.					MAY				
03...	263000	157	111000	91	01...	865000	245	572000	67
07...	248000	157	105000	92	03...	854000	315	726000	70
17...	197000	132	70200	95	05...	872000	330	777000	85
21...	189000	140	71400	92	07...	925000	364	909000	76
31...	198000	127	67900	91	09...	950000	352	909000	64
NOV.					11...	922000	314	782000	63
04...	215000	123	71400	96	13...	952000	260	668000	64
11...	330000	334	476000	96	15...	967000	258	674000	62
21...	439000	443	525000	85	17...	1010000	250	682000	69
25...	427000	309	356000	80	20...	985000	239	630000	66
DEC.					30...	789000	183	390000	61
02...	432000	338	394000	84	JUNE				
09...	411000	365	427000	76	05...	671000	242	438000	73
16...	458000	260	346000	72	09...	635000	711	1220000	94
23...	433000	273	319000	68	14...	576000	392	610000	84
31...	470000	312	396000	68	19...	545000	339	499000	87
JAN.					23...	528000	263	375000	90
06...	483000	333	434000	67	28...	578000	338	527000	88
16...	644000	412	716000	67	JULY				
20...	688000	493	916000	70	02...	523000	303	428000	89
27...	668000	373	673000	49	07...	478000	321	414000	85
FEB.					12...	406000	413	453000	92
03...	596000	315	507000	66	17...	406000	361	396000	93
10...	721000	344	670000	79	21...	358600	261	272000	94
18...	757000	363	742000	67	26...	304000	264	233000	89
24...	726000	229	449000	69	31...	301000	240	195000	92
MAR.					AUG.				
03...	719000	370	718000	78	04...	318000	425	363000	97
10...	821000	389	862000	74	09...	294000	266	227000	93
18...	860000	359	853000	66	14...	259000	215	150000	94
24...	921000	320	796000	66	18...	249000	221	149000	86
31...	955000	282	727000	68	25...	270000	169	123000	90
APR.					SEP.				
07...	1030000	255	709000	64	02...	230000	125	77600	91
14...	1130000	172	525000	81	08...	280000	191	144000	91
16...	1170000	217	686000	64	16...	296000	176	141000	87
18...	1210000	187	611000	66	23...	312000	218	184000	88
20...	1180000	185	589000	56	29...	306000	202	167000	85
22...	1200000	213	690000	59					
24...	1090000	302	889000	51					
26...	993000	266	713000	56					

79

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS--Continued

SUSPENDED-SEDIMENT DISCHARGE (TONS/DAY), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	97000	67000	388000	390000	530000	621000	732000	572000	406000	460000	234000	84000
2	105000	69000	394000	391000	517000	667000	744000	630000	412000	427000	275000	77000
3	111000	70000	403000	395000	507000	718000	734000	726000	420000	413000	311000	85000
4	105000	71000	421000	403000	522000	751000	762000	747000	429000	408000	362000	94000
5	103000	87000	423000	416000	542000	779000	747000	775000	438000	480000	329000	104000
6	104000	106000	433000	434000	567000	810000	729000	814000	558000	411000	300000	117000
7	105000	141000	450000	465000	591000	820000	709000	909000	711000	413000	269000	131000
8	102000	184000	426000	506000	617000	842000	592000	894000	938000	431000	248000	144000
9	98000	261000	426000	531000	644000	850000	672000	908000	1220000	445000	226000	146000
10	95000	345000	396000	564000	669000	860000	647000	864000	1050000	460000	210000	150000
11	93000	475000	378000	594000	692000	851000	620000	781000	914000	456000	195000	153000
12	89000	512000	367000	516000	706000	839000	595000	710000	792000	452000	180000	154000
13	86000	55000	365000	539000	722000	833000	542000	667000	696000	462000	165000	152000
14	80000	591000	358000	662000	725000	839000	524000	651000	609000	472000	150000	148000
15	75000	645000	351000	686000	726000	838000	582000	672000	575000	445000	150000	143000
16	72000	631000	346000	715000	734000	837000	685000	721000	547000	421000	151000	141000
17	70000	614000	342000	757000	746000	842000	539000	678000	528000	395000	150000	147000
18	71000	591000	338000	805000	742000	852000	508000	660000	510000	351000	148000	142000
19	72000	577000	333000	859000	708000	841000	613000	633000	498000	313000	139000	145000
20	72000	555000	323000	915000	673000	828000	588000	635000	462000	293000	135000	151000
21	71000	525000	321000	899000	614000	815000	634000	605000	428000	271000	131000	161000
22	75000	475000	319000	578000	556000	807000	687000	597000	399000	254000	127000	171000
23	76000	434000	313000	858000	498000	799000	732000	542000	375000	239000	125000	183000
24	79000	395000	343000	516000	448000	794000	888000	526000	401000	237000	124000	177000
25	79000	356000	340000	777000	441000	789000	824000	508000	433000	232000	123000	160000
26	79000	358000	342000	726000	517000	778000	712000	491000	460000	233000	123000	157000
27	78000	363000	350000	671000	562000	740000	663000	473000	496000	228000	119000	158000
28	76000	370000	359000	532000	546000	699000	615000	442000	527000	222000	114000	160000

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°45'30", long 91°23'45", in lot 31, T.3 S., R.11 E., Pointe Coupee-West Feliciana Parish line at State Highway 10 Ferry Crossing (River Mile 266.0 AHP 1962)), 2.0 mi (3.2 km) southwest of St. Francisville.

DRAINAGE AREA.--1,129,300 mi² (2,924,900 km²), contributing.

PERIOD OF RECORD.--Water years 1954 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: August 1954 to September 1972, October 1974 to current year.

WATER TEMPERATURES: August 1954 to September 1972, October 1974 to current year.

CHLORIDE: October 1974 to current year.

SULFATE: October 1974 to current year.

REMARKS.--See records of daily discharge for Mississippi River at Tarbert Landing, Miss. (station 07295100).

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 683 micromhos Oct. 16, 1955; minimum, 173 micromhos Apr. 15, 1955.

WATER TEMPERATURES: Maximum, 31.0°C on several days during July, August 1955, August 1956, July 1962, July 1965, July

August 1966; minimum, 1.0°C Jan. 29, 30, 1961.

CHLORIDE: Maximum, 53 mg/L Nov. 9, 1974; minimum, 10 mg/L Apr. 16, 17, 19-21, 1975.

SULFATE: Maximum, 90 mg/L Oct. 14, 1975; minimum, 27 mg/L Feb. 8, 1975.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 464 micromhos June 10; minimum, 281 micromhos Jan. 20.

WATER TEMPERATURES: Maximum, 30.9°C July 31, Aug. 1; minimum, 5.0°C Jan. 17-19, 21, 22.

CHLORIDE: Maximum, 40 mg/L July 19; minimum, 11 mg/L Feb. 8, Apr. 15.

SULFATE: Maximum, 90 mg/L Oct. 14; minimum, 31 mg/L Jan. 21.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED SILICA (SiO ₂) (MG/L)	TOTAL IRON (FE) (UG/L)	DIS- SOLVED IRON (FE) (UG/L)	TOTAL MAN- GANESE (MN) (UG/L)	SUS- PENDE MAN- GANESE (MN) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO ₃) (MG/L)
OCT.												
02...	0855	5.3	3900	30	180	180	0	41	14	32	3.5	130
NOV.												
17...	0745	6.2	2400	10	150	100	60	40	12	22	3.4	124
DEC.												
18...	1100	5.4	4600	0	200	200	0	36	10	19	3.0	119
JAN.												
22...	1700	6.7	--	0	--	--	10	32	9.0	10	2.4	103
FEB.												
24...	1000	6.9	5700	120	170	170	0	33	11	18	2.0	114
MAR.												
25...	1630	6.3	6000	10	0	0	0	34	11	11	2.7	107
APR.												
05...	1100	6.4	8100	0	260	190	70	33	11	13	2.5	105
13...	0730	6.3	4900	20	100	90	10	33	10	12	2.5	109
MAY												
27...	1600	5.5	--	40	--	--	--	41	9.1	17	2.8	128
JUNE												
02...	1000	5.1	--	40	--	--	--	42	13	19	2.8	132
JULY												
15...	1340	4.6	6100	10	230	220	10	35	11	32	3.0	110
AUG.												
14...	1600	1.4	--	10	--	--	--	42	14	23	3.1	141
SEP.												
02...	1400	1.9	--	10	--	--	--	42	13	23	3.2	141

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA --Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	CAR- BONATE (CO3) (MG/L)	ALKA- LINITY AS CACO3 (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	AMMONIA NITRO- GEN (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	TOTAL ORGANIC NITRO- GEN (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL NITRO- GEN (N) (MG/L)
OCT. 02...	0	107	31	.3	.79	.01	.80	.01	.70	.69	--	1.5
NOV. 17...	0	102	16	.2	.65	.01	.66	.01	.49	.48	--	1.2
DEC. 18...	0	98	16	.2	.47	.01	.48	.09	.66	.57	--	1.1
JAN. 22...	0	85	12	.2	1.1	.02	1.1	.04	.68	.64	.49	1.8
FEB. 24...	0	94	21	.2	.94	.06	1.0	.07	.63	.56	.31	1.6
MAR. 25...	0	88	14	.1	1.7	.04	1.7	.09	.70	.61	.67	2.4
APR. 05...	0	86	15	.2	1.5	.04	1.5	.04	.77	.73	.27	2.3
13...	0	89	12	.3	1.3	.01	1.3	.00	.68	.68	.59	2.0
MAY 27...	0	105	18	.3	1.7	.01	1.7	--	--	--	.90	--
JUNE 02...	0	108	21	.2	1.6	.01	1.6	--	.90	--	.90	2.5
JULY 15...	0	90	40	.3	1.2	.01	1.2	--	--	--	.71	--
AUG. 14...	0	116	20	.3	.64	.01	.65	.01	.66	.65	.42	1.3
SEP. 02...	0	116	22	.3	--	--	--	--	--	--	.55	--

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L)	SUS- PENDED SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	PERCENT SODIUM	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)
OCT. 02...	.23	288	261	195	--	160	53	30	448	8.1	21.0	15
NOV. 17...	.44	223	221	39	--	150	48	24	389	7.7	15.0	10
DEC. 18...	.17	222	198	113	--	130	32	23	359	7.8	9.5	25
JAN. 22...	.23	186	162	206	--	120	32	15	291	7.8	5.5	20
FEB. 24...	.24	202	196	122	<1.0	130	34	23	343	7.5	10.5	20
MAR. 25...	.20	166	171	172	<1.0	130	42	15	300	7.7	13.0	15
APR. 05...	.29	182	178	310	<1.0	130	42	18	316	7.7	14.5	10
13...	.21	182	171	123	--	120	31	17	300	7.7	16.5	10
MAY 27...	.20	227	204	123	--	140	35	21	375	7.9	22.0	15
JUNE 02...	.20	218	221	80	--	160	50	20	398	7.8	21.5	15
JULY 15...	.24	234	229	144	--	130	42	34	427	8.1	28.5	5
AUG. 14...	.11	256	239	77	--	160	47	23	432	7.9	28.0	10
SEP. 02...	--	224	233	26	--	160	44	24	431	7.4	29.0	20

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA --Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TUR- RID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL PHYTO- PLANK- TON (CELLS PER ML)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	STREP- TOCOCCI (COL- ONIES PER 100 ML)	TOTAL ORGANIC CARRON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)
OCT. 02...	60	7.8	--	1.0	9500	2200	160	220	6.0	.00	3	0
NOV. 17...	30	8.6	--	1.3	2500	1300	70	39	5.8	.00	3	0
DEC. 18...	70	10.4	--	1.7	2400	3900	330	180	8.4	.00	0	0
JAN. 22...	60	10.4	--	2.7	1600	2400	260	90	4.2	.00	2	0
FEB. 24...	75	9.4	5	1.8	1900	1900	210	230	7.4	.00	7	0
MAR. 25...	70	9.0	30	1.2	4100	2500	100	--	8.2	.01	3	0
APR. 05...	80	9.0	0	.8	810	1500	340	240	7.4	.00	0	2
13...	70	7.8	3	.7	6100	1700	70	<5	8.2	.00	0	0
MAY 27...	55	8.1	20	3.0	3800	4500	380	10	8.2	.00	1	0
JUNE 02...	60	7.7	18	--	2300	3600	80	70	8.0	.00	1	0
JULY 15...	75	6.4	16	--	2200	500	<5	13	7.8	.00	1	0
AUG. 14...	25	8.0	16	--	6200	--	--	--	3.2	.00	3	0
SEP. 02...	10	7.8	11	2.0	1800	90	16	20	4.6	.00	2	2

[illegible]

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA --Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)
OCT.												
02...	.00	.01	.00	.00	.0	0	.00	.04	.00	.00	4	1
NOV.												
17...	.00	.01	.00	.00	.0	0	.00	.04	.00	.00	2	1
DEC.												
18...	.00	.00	.00	.00	.0	0	.00	.06	.03	.00	4	1
JAN.												
22...	.00	.00	.00	.00	.0	0	.00	.00	.00	.00	3	1
FEB.												
24...	.00	.00	.00	.00	.0	0	.00	.09	.02	.00	4	1
MAR.												
25...	.00	.00	.00	.00	.0	0	.00	.04	.02	.00	4	1
APR.												
05...	.00	.00	.00	.00	.0	0	.00	.06	.02	.00	6	1
13...	.00	.00	.00	.00	.0	0	.00	.04	.01	.00	3	1
MAY												
27...	.00	.00	.00	.00	.0	0	.00	.10	.00	.00	5	1
JUNE												
02...	.00	.00	.00	.00	.0	0	.00	--	--	--	4	1
JULY												
15...	.00	.00	.00	.00	.0	0	.00	.01	.04	.00	3	2
AUG.												
14...	.00	.00	.00	.00	.0	0	.00	.02	.02	.00	2	1
SEP.												
02...	.00	.00	.00	.00	.0	0	.00	.01	.01	.00	2	2

DATE	TOTAL CAD- MIUM (CD) (UG/L)	SUS- PENDED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	SUS- PENDED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COBALT (CO) (UG/L)	SUS- PENDED COBALT (CO) (UG/L)	DIS- SOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)	SUS- PENDED COPPER (CU) (UG/L)
OCT.												
02...	0	0	0	<10	<10	0	0	0	0	0	10	8
NOV.												
17...	1	1	0	70	70	0	0	0	0	0	8	1
DEC.												
18...	0	0	0	10	10	0	0	0	0	0	9	6
JAN.												
22...	10	10	0	--	--	0	0	--	--	0	--	--
FEB.												
24...	0	0	0	<10	<10	0	0	0	0	0	8	2
MAR.												
25...	3	3	0	20	20	0	0	3	3	0	10	6
APR.												
05...	1	1	0	20	20	0	0	0	0	0	120	110
13...	0	0	0	20	20	0	0	0	0	0	6	1
MAY												
27...	0	0	0	<10	--	--	0	--	--	--	6	0
JUNE												
02...	0	0	0	30	--	--	0	--	--	--	200	190
JULY												
15...	0	0	0	10	--	0	0	2	2	0	10	5
AUG.												
14...	0	0	0	30	--	--	0	--	--	--	23	19
SEP.												
02...	0	0	0	10	--	--	0	--	--	--	5	0

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA --Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDED MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL SELE- NIUM (SE) (UG/L)	DIS- SOLVED SELE- NIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT. 02...	2	6	0	.0	.0	.0	--	--	1	0	30	0
NOV. 17...	7	5	0	.0	.0	.0	--	--	0	0	40	30
DEC. 18...	3	7	0	.2	.0	.2	--	--	0	0	50	10
JAN. 22...	3	--	2	.1	.0	.1	--	--	0	0	--	0
FEB. 24...	6	11	0	.2	.0	.2	--	--	0	0	30	10
MAR. 25...	4	7	0	.2	.0	.2	13	3	0	0	30	10
APR. 05...	6	16	0	.1	.0	.1	--	2	0	0	50	0
13...	5	7	0	.1	.1	.0	4	0	0	0	40	10
MAY 27...	6	4	4	.2	.2	.0	7	0	--	--	20	0
JUNE 02...	12	22	0	.0	.0	.0	12	0	--	--	60	10
JULY 15...	5	8	0	.1	.1	.0	9	0	1	1	70	30
AUG. 14...	4	9	0	.1	.0	.1	10	2	--	--	50	10
SEP. 02...	5	5	0	.0	.0	.0	6	1	--	--	10	10

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA --Continued

DISSOLVED SULFATE (SO4)* MG/L* WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	43	58	55	38	35	47	38	51	58	52	40
2	56	50	60	46	38	43	44	38	53	58	52	26
3	52	40	52	42	38	39	46	42	50	58	55	33
4	44	50	53	50	42	42	47	42	53	58	52	50
5	78	58	60	---	42	43	48	42	54	56	52	54
6	70	56	54	40	41	42	48	43	54	52	53	61
7	72	46	48	48	41	43	46	42	54	51	53	58
8	80	43	53	42	42	43	47	---	57	52	54	62
9	82	52	62	42	42	43	46	41	59	56	54	61
10	80	56	63	46	42	41	44	41	58	56	52	64
11	80	54	57	44	41	41	44	42	61	56	54	63
12	88	58	59	43	40	38	44	40	61	54	56	64
13	68	58	53	43	38	36	43	40	60	54	59	62
14	90	60	47	41	42	38	43	40	61	56	61	62
15	52	54	46	40	42	37	44	41	61	54	51	62
16	42	60	56	40	44	38	44	41	60	---	60	58
17	---	56	45	32	48	36	44	43	60	---	36	59
18	---	53	47	33	48	36	45	44	60	41	---	59
19	50	45	46	32	48	34	45	46	57	38	41	61
20	52	55	42	34	47	36	48	44	57	42	45	62
21	46	57	38	31	47	35	49	47	58	41	51	62
22	50	56	51	33	47	36	50	48	56	40	53	64
23	32	51	52	35	35	36	52	51	55	42	60	65
24	56	60	48	36	39	37	52	53	55	46	63	68
25	57	62	53	37	34	38	52	54	56	48	56	67
26	62	63	54	36	47	40	50	52	54	46	64	64
27	50	63	53	37	47	40	49	48	56	48	60	68
28	64	60	52	35	47	42	50	49	60	50	60	66
29	58	50	52	35	48	45	49	53	54	48	62	66
30	52	53	54	34	---	44	48	52	58	48	65	64
31	58	---	52	34	---	47	---	54	---	48	63	---

DISSOLVED CHLORIDE (CL)* MG/L* WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28	13	17	17	15	14	15	28	20	33	26	22
2	24	14	19	16	14	14	14	28	21	33	27	27
3	26	14	18	19	14	14	16	28	23	33	26	25
4	24	14	16	20	14	14	15	27	22	21	26	23
5	24	14	17	18	13	14	15	28	27	19	26	23
6	20	16	16	17	14	14	15	25	27	17	22	21
7	22	14	16	17	13	14	15	24	28	17	24	21
8	24	13	17	17	11	13	14	---	29	17	24	20
9	22	13	18	16	14	14	12	18	33	17	24	20
10	22	15	17	17	14	12	14	14	32	18	24	20
11	22	15	17	16	13	14	13	15	30	19	26	22
12	22	15	17	15	15	13	13	15	30	21	30	21
13	22	21	18	14	15	13	12	15	28	24	28	18
14	22	15	18	14	16	13	13	15	26	26	23	24
15	24	17	17	13	17	16	11	16	26	28	29	19
16	22	15	17	14	17	15	13	16	25	---	26	23
17	20	17	15	14	16	14	13	16	25	---	28	23
18	18	17	16	14	17	14	15	16	26	39	26	23
19	18	18	14	13	17	13	14	18	22	40	26	22
20	20	16	16	12	17	14	15	18	21	36	24	22
21	22	17	16	13	18	12	17	22	21	31	20	22
22	20	15	20	13	16	12	17	23	25	32	21	24
23	18	15	17	13	17	12	16	22	25	32	23	24
24	16	12	17	13	17	13	16	22	33	30	24	27
25	16	17	17	12	17	13	16	18	19	26	28	24
26	20	16	28	13	18	18	33	21	22	26	27	22
27	18	16	18	15	14	15	31	20	23	28	25	22
28	18	16	17	14	18	13	32	20	25	27	24	24
29	18	16	19	14	18	16	33	19	24	27	26	24
30	16	16	28	14	---	17	28	21	33	24	22	24
31	18	---	17	17	---	16	---	20	---	24	25	---

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA --Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	445	322	388	360	322	300	326	401	397	453	413	417
2	446	340	396	355	316	306	327	406	399	434	407	421
3	447	352	393	360	315	302	333	416	401	434	405	425
4	443	352	390	362	325	302	329	417	407	412	413	428
5	427	353	397	347	316	296	325	419	429	393	409	425
6	386	357	394	349	301	292	323	414	428	374	403	434
7	393	356	392	343	302	295	323	402	433	367	397	451
8	392	343	392	340	305	294	323	---	442	367	389	452
9	427	342	388	336	301	292	315	360	455	381	394	438
10	428	373	387	328	297	291	311	339	464	385	404	425
11	426	372	381	317	309	293	308	335	446	389	412	423
12	427	370	387	314	310	296	308	334	442	389	419	424
13	427	379	385	310	316	294	311	337	432	410	432	414
14	427	385	377	298	322	295	314	338	425	424	435	414
15	427	392	362	293	324	312	314	343	414	430	436	413
16	434	385	360	295	338	310	322	346	411	---	420	412
17	437	391	335	295	338	293	321	349	409	---	422	414
18	411	391	333	294	348	293	332	362	420	413	419	426
19	395	402	335	285	348	286	343	374	409	414	421	444
20	408	402	346	281	347	288	349	381	407	410	431	450
21	408	401	359	284	343	293	363	387	424	394	432	451
22	380	395	364	290	346	285	367	399	425	402	440	459
23	381	388	369	302	344	288	372	407	423	410	447	455
24	376	393	374	299	341	294	378	406	433	411	444	445
25	378	404	372	299	340	302	378	406	442	405	438	438
26	391	397	375	306	345	321	421	388	425	397	437	437
27	388	397	367	304	344	320	422	381	427	398	439	440
28	392	376	369	300	343	331	423	379	413	409	444	441
29	350	376	370	304	343	345	419	392	413	408	429	428
30	350	379	368	308	---	344	403	400	456	408	440	446
31	323	---	360	326	---	343	---	400	---	414	443	---

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.5	18.5	11.0	7.0	6.0	12.0	15.0	19.0	21.5	25.5	30.0	28.0
2	21.0	18.0	10.5	7.0	6.0	12.5	15.0	19.0	21.5	26.0	29.5	28.0
3	20.5	18.0	10.0	7.0	6.0	12.5	15.5	19.0	22.0	26.5	29.0	28.0
4	20.0	18.0	10.5	7.0	6.5	13.0	15.5	19.0	22.5	27.0	28.5	28.0
5	20.0	18.0	11.0	7.0	7.0	13.0	15.5	18.5	23.0	27.0	29.5	27.5
6	20.0	18.0	11.0	7.0	7.0	12.5	15.5	19.0	23.0	27.0	29.0	27.0
7	20.0	18.0	11.0	6.5	7.0	12.5	15.5	18.0	23.0	---	29.0	27.0
8	20.0	18.0	10.5	6.0	6.5	13.0	16.0	18.0	23.5	---	28.5	27.0
9	20.0	18.0	10.0	6.0	7.0	13.0	15.5	17.5	23.5	27.5	27.5	27.0
10	20.0	18.0	10.0	5.5	7.0	13.0	15.5	17.5	24.0	27.5	27.5	26.5
11	20.0	18.0	10.0	5.5	7.0	12.5	15.5	17.5	24.0	27.0	27.5	26.5
12	20.0	18.0	10.0	5.5	7.0	14.0	15.5	18.0	24.0	---	28.0	26.5
13	20.5	17.0	10.0	6.0	7.5	13.0	15.5	18.0	23.5	27.0	28.0	26.5
14	21.0	16.0	10.0	6.0	7.5	12.5	15.5	18.0	24.0	27.5	28.5	27.0
15	21.0	16.0	10.0	6.0	7.5	13.0	15.5	18.0	24.5	27.0	29.0	27.0
16	21.0	16.0	10.0	6.0	7.5	12.5	16.0	18.0	25.0	27.5	29.0	26.0
17	21.0	16.0	9.5	5.0	7.5	12.0	16.0	18.5	25.0	27.5	29.0	26.0
18	21.0	16.0	9.0	5.0	10.0	12.5	16.5	19.0	25.0	27.5	29.0	26.5
19	20.5	16.0	9.0	5.0	10.0	12.5	17.0	19.0	25.5	27.5	29.0	26.5
20	20.5	16.0	8.5	5.5	10.5	12.5	17.5	19.0	25.5	28.0	29.0	26.0
21	20.5	15.0	8.5	5.0	11.0	12.5	18.5	19.5	25.5	28.5	29.0	26.0
22	20.0	14.0	8.5	5.0	10.5	13.0	18.0	19.5	25.5	29.0	28.5	26.5
23	20.0	13.0	8.0	5.5	10.0	13.0	18.5	20.0	26.0	29.0	28.5	25.0
24	20.0	12.5	8.0	5.5	11.0	13.0	19.0	20.0	26.0	29.0	28.5	25.5
25	20.0	12.5	8.0	6.0	11.0	13.5	19.5	20.0	26.5	29.0	28.5	25.5
26	20.0	12.0	8.0	6.0	11.0	13.5	19.5	21.0	27.0	29.0	28.5	25.5
27	20.0	12.0	8.0	5.5	11.0	13.5	20.0	21.5	27.0	29.0	28.0	25.5
28	19.0	12.0	7.5	5.5	11.0	13.5	20.0	21.5	27.0	29.0	28.0	25.5
29	19.0	11.5	8.0	5.5	11.0	14.0	19.5	21.5	27.0	29.0	27.5	24.5
30	19.0	12.0	7.0	5.5	---	14.0	19.0	21.5	26.5	29.0	28.5	24.5
31	19.0	---	7.0	6.0	---	14.0	---	21.5	---	30.0	28.0	---

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA --Continued

OCT. 2, 1975
0855 HOURS

IDENTIFICATION OF PHYTOPLANKTON

9,500 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...SCENEDESMACEAE			
....SCENEDESMUS		430	5
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
....CYCLOTELLA		1,100	11
DMELOSIWA		2,800	30
..PENNALES	PENNATE		
...ACHNANTHACEAE			
....COCCONEIS		430	5
...NITZSCHIA			
....NITZSCHIA		220	2
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..CHROOCOCCALES	COCCOID		
...CHROOCOCCACEAE			
....ANACYSTIS		220	2
..OSCILLATORIALES	FILAMENTOUS		
DOSCILLATORIA		4,300	45

NOV. 17, 1975
0745 HOURS

IDENTIFICATION OF PHYTOPLANKTON

2,500 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...HYDRODICTYACEAE			
LPEDIASTRUM			0
...MICRACTINIACEAE			
....GULENKINIA		22	1
....MICRACTINIUM		44	2
...OCCYSTACEAE			
....ANKISTRODES MUS		22	1
LDICTYOSPHAERIUM			0
....OCCYSTIS		89	4
....TETRAEDRON		66	3
...SCENEDESMACEAE			
LCHUCIGENIA			0
DSCENEDESMUS		440	18
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
LCOSCINODISCUS			0
DMELOSIWA		1,000	41
LSTEPHANODISCUS			0
..PENNALES	PENNATE		
...NAVICULACEAE	NAVICULOID		
....NAVICULA		66	3
...NITZSCHIA			
....NITZSCHIA		270	11
...SURIPELLACEAE			
....SURIPELLA		22	1
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..OSCILLATORIALES	FILAMENTOUS		
...OSCILLATORIA			
DOSCILLATORIA		400	16
EUGLENOPHYTA	EUGLENOIDS		
..EUGLENOPHYCEAE			
....EUGLENALES			
...EUGLENA		22	1
....EUGLENA		22	1
....TRACHELOMONAS			

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA.--Continued

DEC. 18, 1975
1100 HOURS

IDENTIFICATION OF PHYTOPLANKTON

2,400 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHRYSOPHYTA			
.BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
DMELOSIRA		1,900	82
..PENNALES	PENNATE		
...NITZSCHIACEAE			
....NITZSCHIA		220	9
...ACHNANTHACEAE			
....RHOICOSPHENIA		220	9

JAN. 22, 1976
1700 HOURS

IDENTIFICATION OF PHYTOPLANKTON

1,600 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
.CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
....ANKISTRODESMUS		70	4
LDICTYOSPHAERIUM			0
CHRYSOPHYTA			
.BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
DCYCLOTELLA		600	38
DMELOSIRA		350	22
LSTEPHANODISCUS			0
..PENNALES	PENNATE		
...ACHNANTHACEAE			
....ACHNANTHES		70	4
...CYMBELLACEAE			
....CYMBELLA		70	4
...DIATOMACEAE			
....DIATOMA		35	2
...FRAGILARIACEAE			
LASTERIONELLA			0
LSYNEDRA			0
...GOMPHONEMACEAE			
LGOMPHONEMA			0
...NAVICULACEAE	NAVICULOID		
....NAVICULA		210	13
...NITZSCHIACEAE			
....NITZSCHIA		35	2
...SURIPELLACEAE			
LSURIPELLA			0
CYANOPHYTA	BLUE-GREEN ALGAE		
.MYXOPHYCEAE			
..OSCILLATORIALES	FILAMENTOUS		
...OSCILLATORIA			
....OSCILLATORIA		110	7
EUGLENOPHYTA	EUGLENOIDS		
.EUGLENOPHYCEAE			
..EUGLENALES			
...EUGLENACEAE			
....EUGLENA		35	2

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA --Continued

FEB. 24, 1976
1000 HOURS

IDENTIFICATION OF PHYTOPLANKTON

1,900 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
..COSCINODISCACEAE			
DCYCLOTELLA		1,100	58
DMELOSIRA		600	32
..PENNALES	PENNATE		
..ACHNANTHACEAE			
..ACHNANTHES			
..FRAGILARIACEAE		100	5
LASTERIONELLA			0
..NITZSCHACEAE			
....NITZSCHIA		100	5

MAR. 25, 1976
1630 HOURS

IDENTIFICATION OF PHYTOPLANKTON

4,100 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
..OCCYSTACEAE			
DDICTYOSPHAERIUM		790	19
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
..COSCINODISCACEAE			
....CYCLOTELLA		320	8
DMELOSIRA		2,200	54
..PENNALES	PENNATE		
..NAVICULACEAE	NAVICULOID		
..NAVICULA			
..NITZSCHACEAE		320	8
....NITZSCHIA		490	12

APR. 5, 1976
1100 HOURS

IDENTIFICATION OF PHYTOPLANKTON

910 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
..OCCYSTACEAE			
LANKISTRODESMUS			0
..SCENEDESMACEAE			
DSCENEDESMUS		170	21
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
..COSCINODISCACEAE			
....CYCLOTELLA		58	7
DMELOSIRA		400	50
..PENNALES	PENNATE		
..CYMBELLACEAE			
..CYMBELLA			
..FRAGILARIACEAE		29	4
LASTERIONELLA			0
..NITZSCHACEAE			
DNITZSCHIA		140	18
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..OSCILLATORIALES	FILAMENTOUS		
..OSCILLATORIACEAE			
LOSCILLATORIA			0

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA --Continued

APR. 13, 1976

0730 HOURS

IDENTIFICATION OF PHYTOPLANKTON

6,100 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
DDICTYOSPHAERIUM		1,900	32
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCEAE			
...CYCLOTELLA		860	14
DMELOSIRA		2,400	39
..PENNALES	PENNATE		
...CYMBELLACEAE			
....AMPHORA		110	2
...FRAGILARIACEAE			
....ASTERIONELLA		110	2
...NAVICULACEAE	NAVICULOID		
....NAVICULA		320	5
...NITZSCHIAEAE			
....NITZSCHIA		110	2
EUGLENOPHYTA	EUGLENOIDS		
..EUGLENOPHYCEAE			
..EUGLENALES			
...EUGLENACEAE			
....EUGLENA		110	2
....TRACHELOMONAS		110	2

MAY 27, 1976

1600 HOURS

IDENTIFICATION OF PHYTOPLANKTON

3,800 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...SCENEDESMACEAE			
....SCENEDESMUS		220	6
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCEAE			
...CYCLOTELLA		380	10
DMELOSIRA		1,100	30
..PENNALES	PENNATE		
...FRAGILARIACEAE			
DASTERIONELLA		1,300	34
...NITZSCHIAEAE			
....NITZSCHIA		320	8
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
...OSCILLATORIALES	FILAMENTOUS		
...OSCILLATORIAEAE			
....LYNGBYA		490	13

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA --Continued

JUNE 2, 1976
1000 HOURS

IDENTIFICATION OF PHYTOPLANKTON

2,300 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...SCENEDESMACEAE			
D ...SCENEDESMUS		560	24
CHRYCOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINOIDISCEAE			
D ...CYCLOTELLA		1,100	45
D ...MELOSIRA		350	15
..PENNALES	PENNATE		
...NITZSCHACEAE			
...NITZSCHIA		140	6
...SIRELLACEAE			
...SIRELLA		210	9

JULY 15, 1976
1340 HOURS

IDENTIFICATION OF PHYTOPLANKTON

2,200 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...SCENEDESMACEAE			
...ACTINASTRUM		250	12
...SCENEDESMUS		250	12
CHRYCOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINOIDISCEAE			
D ...CYCLOTELLA		1,100	50
D ...MELOSIRA		380	18
..PENNALES	PENNATE		
...NAVICULACEAE	NAVICULOID		
...NAVICULA		130	6
...NITZSCHACEAE			
...NITZSCHIA		63	3

AUG. 14, 1976
1600 HOURS

IDENTIFICATION OF PHYTOPLANKTON

6,200 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...COELASTRACEAE			
L ...COELASTRUM			0
...HYDRODICTYACEAE			
L ...PELOIDASTRUM			0
...OCCYSTACEAE			
...DICTYOSPHAERIUM		480	8
...SCENEDESMACEAE			
L ...ACTINASTRUM			0
...SCENEDESMUS		630	10
CHRYCOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINOIDISCEAE			
D ...CYCLOTELLA		4,400	72
...MELOSIRA		630	10

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA --Continued

SEP. 24 1976
1400 HOURS

IDENTIFICATION OF PHYTOPLANKTON

1.800 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHRYSDOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
D ...CYCLOTELLA		750	42
D ...MELOSIHA		910	52
..PENNALES	PENNATE		
...NAVICULACEAE	NAVICULOID		
....NAVICULA		110	6

NOTE: D - DOMINANT ORGANISM; GREATER OR EQUAL TO 15%

L - LESS THEN 1%; MAY NOT HAVE BEEN ACTUALLY COUNTED

ANALYSIS METHOD: SEDGWICK-RAFTER CHAMBER , 200-X MICROSCOPE

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

APR. 5, 1976
0900 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 20 DEPTH (FT) 36

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
...TUBIFICIDAE		
...UNKNOWN GENUS		1
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
...COELOTANYPUS		2
...PARACLADOPELMA		1
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.811		
CLASS 0.811		
ORDER 0.811		
FAMILY 0.811		
GENERA 1.500		

APR. 5, 1976
0901 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 20 DEPTH (FT) 36

ORGANISM NAME	COMMON NAME	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
...MUCULOIDEA		
...CORBICULIDAE		
...CORBICULA		1

APR. 5, 1976
0902 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 20 DEPTH (FT) 37

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
...TUBIFICIDAE		
...UNKNOWN GENUS		1
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
...COELOTANYPUS		1
...PARACLADOPELMA		1
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.918		
CLASS 0.918		
ORDER 0.918		
FAMILY 0.918		
GENERA 1.585		

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

APR. 5, 1976
0905 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT)	1000	DEPTH (FT)	40
ORGANISM NAME	COMMON NAME	COUNT	
ARTHROPODA			
INSECTA			
DIPTERA			
CHIRONOMIDAE	MIDGES		
CRYPTOCHIRONOMUS		2	

APR. 5, 1976
0906 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT)	1000	DEPTH (FT)	36
- - - NO ORGANISMS REPORTED - - -			

APR. 5, 1976
0907 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT)	1000	DEPTH (FT)	35
ORGANISM NAME	COMMON NAME	COUNT	
ARTHROPODA			
INSECTA			
DIPTERA			
CERATOPOGONIDAE	BITING MIDGES		
UNKNOWN GENUS		2	

APR. 5, 1976
0910 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT)	2000	DEPTH (FT)	51
ORGANISM NAME	COMMON NAME	COUNT	
ARTHROPODA			
INSECTA			
DIPTERA			
CERATOPOGONIDAE	BITING MIDGES		
UNKNOWN GENUS		2	

APR. 5, 1976
0911 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT)	2000	DEPTH (FT)	47
ORGANISM NAME	COMMON NAME	COUNT	
ARTHROPODA			
INSECTA			
DIPTERA			
CERATOPOGONIDAE	BITING MIDGES		
UNKNOWN GENUS		1	

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

APR. 5, 1976
0912 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2000 DEPTH (FT) 52

- - - NO ORGANISMS REPORTED - - -

APR. 5, 1976
0915 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3000 DEPTH (FT) 47

- - - NO ORGANISMS REPORTED - - -

APR. 5, 1976
0916 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3000 DEPTH (FT) 47

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CERATOPOGONIDAE	BITING MIDGES	1
...UNKNOWN GENUS		

APR. 5, 1976
0917 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3000 DEPTH (FT) 48

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	5
...LAUTERBORNIELLA		

APR. 5, 1976
0920 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3185 DEPTH (FT) 44

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
CNIDARIA	CNIDARIANS	
..HYDROZOA		
...HYDROIDA		1
MOLLUSCA		
..BIVALVIA	BIVALVES	
...VUCULOIDEA		
...CORBICULIDAE		
...CORBICULA		3

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:
 PHYL/DIV 0.811
 CLASS 0.811
 ORDER 0.811

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

APR. 5, 1976
0921 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3185 DEPTH (FT) 45

- - - NO ORGANISMS REPORTED - - -

APR. 5, 1976
0922 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3185 DEPTH (FT) 50

ORGANISM NAME	COMMON NAME	COUNT
ARTHROPODA		
INSECTA		
DIPTERA		
CHIRONOMIDAE	MIDGES	
LAUTERBORNIELLA		2

JUNE 2, 1976
0900 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 20 DEPTH (FT) 23

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
OLIGOCHAETA	AQUATIC EARTHWORMS	
PLESIOPORA		
TUBIFICIDAE		
LIMNODRILUS		1
UNKNOWN GENUS		12
ARTHROPODA		
CRUSTACEA		
AMPHIPODA	SCUDS	
GAMMARIDAE		
GAMMARUS		1
INSECTA		
ODONATA	DRAGONFLIES	
GOMPHIDAE		
GOMPHUS		1
CNIDARIA	CNIDARIANS	
ECTOPROCTA	BRYOZOANS	
PHYLACTOLAEMATA		
CHEILOSTOMATA		
LOPHOPODIAE		
LOPHOPODELLA		1

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:

PHYL/C1 0.868
 CLASS 0.993
 ORDER 0.993
 FAMILY 0.993
 GENERA 1.311

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

JUNE 2, 1976
0901 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 20 DEPTH (FT) 23

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPODA		
...TUBIFICIDAE		
....LIMNODRILUS		18
....UNKNOWN GENUS		52
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
....COELOTANYPUS		1
MOLLUSCA		
..BIVALVIA	BIVALVES	
...MUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		5
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.450		
CLASS 0.450		
ORDER 0.450		
FAMILY 0.450		
GENERA 1.207		

JUNE 2, 1976
0902 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 20 DEPTH (FT) 23

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPODA		
...TUBIFICIDAE		
....LIMNODRILUS		16
....UNKNOWN GENUS		75
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
....COELOTANYPUS		1
ECTOPROCTA	BRYOZOANS	
..PHYLACTOLAEMATA		
...CHEILOSTOMATA		
...LOPHOPODIAE		
....LOPHOPODELLA		1
MOLLUSCA		
..BIVALVIA	BIVALVES	
...MUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		4
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.412		
CLASS 0.412		
ORDER 0.412		
FAMILY 0.412		
GENERA 1.042		

JUNE 2, 1976
0905 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1000 DEPTH (FT) 33

- - - NO ORGANISMS REPORTED - - -

JUNE 2, 1976
0906 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1000 DEPTH (FT) 30

- - - NO ORGANISMS REPORTED - - -

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

JUNE 2, 1976
0907 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1000 DEPTH (FT) 30

ORGANISM NAME	COMMON NAME	COUNT
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	2
....CRYPTOCHIRONOMUS		

JUNE 2, 1976
0910 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2000 DEPTH (FT) 38

- - - NO ORGANISMS REPORTED - - -

JUNE 2, 1976
0911 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2000 DEPTH (FT) 38

ORGANISM NAME	COMMON NAME	COUNT
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	1
....PARACLADOPELMA		1
....PARATENDIPES		1
....UNKNOWN GENUS		1

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:
 GENERA 1.585

JUNE 2, 1976
0912 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2000 DEPTH (FT) 38

ORGANISM NAME	COMMON NAME	COUNT
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	1
....CRYPTOCHIRONOMUS		

JUNE 2, 1976
0915 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3000 DEPTH (FT) 40

- - - NO ORGANISMS REPORTED - - -

JUNE 2, 1976
0916 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3000 DEPTH (FT) 40

- - - NO ORGANISMS REPORTED - - -

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

JUNE 2, 1976
0917 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3000 DEPTH (FT) 40

ORGANISM_NAME	COMMON_NAME	COUNT
ARTHROPODA		
INSECTA		
EPHEMEROPTERA	MAY FLIES	
POLYMITARCIDAE		
TORTOPUS		2

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:

JUNE 2, 1976
0920 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3185 DEPTH (FT) 17

- - - NO ORGANISMS REPORTED - - -

JUNE 2, 1976
0922 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3185 DEPTH (FT) 15

ORGANISM_NAME	COMMON_NAME	COUNT
ARTHROPODA		
CRUSTACEA		
AMPHIPODA	SCUDS	
COROPHIDIIDAE		
COROPHIUM		1
GAMMARIDAE		
GAMMARUS		3
INSECTA		
EPHEMEROPTERA	MAY FLIES	
EPHEMERIDAE		
PENTAGENIA		14
POLYMITARCIDAE		
TORTOPUS		27
DIPTERA		
CHIRONOMIDAE	MIDGES	
PSECTROCLADIUS		1

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:

PHYL/DIV 0.951

INSECTA 0.974

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

AUG. 14, 1976
0800 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 20 DEPTH (FT) 12

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		5
ARTHROPODA		
..CRUSTACEA		
..AMPHIPODA	SCUDS	
...GAMMARIDAE		
....GAMMARUS		4
..INSECTA		
..DIPTERA		
...CHIRONOMIDAE	MIDGES	
....CRYPTOCHIRONOMUS		4
...EPHEMEROPTERA	MAY FLIES	
...EPHEMERIDAE		
....PENTAGENIA		13
ECTOPROCTA	BRYOZOANS	
..PHYLACTOLAEMATA		
..CHEILOSTOMATA		
...PLUMATELLIDAE		
....PLUMATELLA		1
MOLLUSCA		
..BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		6
..SCHIZODONTA		
..UNIONIDAE		
....LAMPUSILIS		1

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:
 PHYL/DIV 1.455
 CLASS 1.889
 ORDER 2.404
 FAMILY 2.404
 GENERA 2.404
 INSECTA 0.787

AUG. 14, 1976
0801 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 20 DEPTH (FT) 12

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		4
ARTHROPODA		
..INSECTA		
...EPHEMEROPTERA	MAY FLIES	
...EPHEMERIDAE		
....PENTAGENIA		3
MOLLUSCA		
..BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		2

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:
 PHYL/DIV 1.530
 CLASS 1.530
 ORDER 1.530
 FAMILY 1.530
 GENERA 1.530

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

AUG. 14, 1976
0802 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 802 DEPTH (FT) 12

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....LIMNODRILUS		10
....UNKNOWN GENUS		107
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
...CRYPTOCHIRONOMUS		3
ECTOPROCTA	BRYOZOANS	
..PHYLACTOLAEMATA		
..CHEILOSTOMATA		
...PLUMATELLIDAE		
...PLUMATELLA		1
MOLLUSCA		
..BIVALVIA	BIVALVES	
...MUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		4

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:
 PHYL/DIV 0.433
 CLASS 0.433
 ORDER 0.433
 FAMILY 0.433
 GENERA 0.827

AUG. 14, 1976
0806 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1000 DEPTH (FT) 18

ORGANISM NAME	COMMON NAME	COUNT
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
...PARACLAUDOPELMA		1
MOLLUSCA		
..BIVALVIA	BIVALVES	
...MUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		2

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:
 PHYL/DIV 0.918
 CLASS 0.918
 ORDER 0.918
 FAMILY 0.918
 GENERA 0.918

AUG. 14, 1976
0807 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1000 DEPTH (FT) 18

- - - NO ORGANISMS REPORTED - - -

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

AUG. 14, 1976
0610 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2000 DEPTH (FT) 23

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
....PARALAUTERBORNIELLA		3

AUG. 14, 1976
0611 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2000 DEPTH (FT) 23

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		1
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
....PARALAUTERBORNIELLA		21

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:

PHYL/DIV 0.267
 CLASS 0.267
 ORDER 0.267
 FAMILY 0.267
 GENERA 0.267

AUG. 14, 1976
0612 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2000 DEPTH (FT) 23

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		1
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
....PARALAUTERBORNIELLA		7

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:

PHYL/DIV 0.544
 CLASS 0.544
 ORDER 0.544
 FAMILY 0.544
 GENERA 0.544

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

AUG. 14, 1976
0815 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3000 DEPTH (FT) 32

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ARTHROPODA		
INSECTA		
DIPTERA		
CHIRONOMIDAE	MIDGES	
PARALAUTERBORNIELLA		4

AUG. 14, 1976
0816 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3000 DEPTH (FT) 32

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ARTHROPODA		
INSECTA		
DIPTERA		
CHIRONOMIDAE	MIDGES	
PARALAUTERBORNIELLA		2

AUG. 14, 1976
0817 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3000 DEPTH (FT) 32

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ARTHROPODA		
INSECTA		
DIPTERA		
CHIRONOMIDAE	MIDGES	
CRYPTOCHIRONOMUS		1

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

AUG. 14, 1976

0820 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3185 DEPTH (FT) 8

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		1
ARTHROPODA		
..CRUSTACEA		
..AMPHIPODA	SCUDS	
...GAMMARIDAE		
....GAMMARUS		1
..INSECTA		
...DIPTERA		
....CHIRONOMIDAE	MIDGES	
....RHOTANYTARSUS		1
..EPHEMEROPTERA	MAY FLIES	
...EPHEMERIDAE		
....PENTAGENIA		4
....POLYMITARCIDAE		
....TORTOPUS		69
MOLLUSCA		
..BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		2

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:

PHYL/DIV 0.271
 CLASS 0.369
 ORDER 0.467
 FAMILY 0.754
 GENERA 0.754
 INSECTA 0.103

AUG. 14, 1976

0821 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3185 DEPTH (FT) 8

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....LIMNODRILUS		2
....UNKNOWN GENUS		2
ARTHROPODA		
..INSECTA		
...EPHEMEROPTERA	MAY FLIES	
...POLYMITARCIDAE		
....TORTOPUS		21
MOLLUSCA		
..BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		2

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:

PHYL/DIV 0.658
 CLASS 0.658
 ORDER 0.658
 FAMILY 0.658
 GENERA 1.116

07373965 SOUTH CANAL NEAR BAKER, LA

LOCATION.--Lat 30°37'00", long 91°08'56", in NW¼NE¼ lot 60, T.5 S., R.1 E., St. Helena meridian, East Baton Rouge Parish, near center of span on downstream side of bridge on McHugh Road, 1.2 mi (1.9 km) downstream from White Bayou east diversion channel, 1.4 mi (2.3 km) upstream from Cypress Bayou, and 2.3 mi (3.7 km) northeast of Baker.

PERIOD OF RECORD.--August 1972 to current year. Daily gage height record, from January 1965 to July 1972, published as Baker (south) Canal near Baker by Corps of Engineers, New Orleans district.

GAGE.--Water-stage recorder. Datum of gage is 60.00 ft (18.288 m) above mean sea level (levels by Corps of Engineers).

REMARKS.--Records good above 10 ft³/s (0.28 m³/s) and poor below. Flow is uncontrolled diversion from White Bayou basin into the Mississippi River by way of Baker Canal since 1957. Records of dissolved oxygen and water temperatures for water year 1976 are published under miscellaneous water-quality sites in this report.

Water year	Date	Maximum		Gage height		Date	Minimum	
		Discharge		(feet)	(meters)		Discharge	
		(ft ³ /s)	(m ³ /s)				(ft ³ /s)	(m ³ /s)
1972a	Sept. 24	6.0	.170	3.74	1.140	Sept. 14-18	no flow	
1973	Mar. 25	1,580	44.7	19.00	5.791	Aug. 27	.14	.004
1974	Feb. 2	1,380	39.1	17.67	5.386	Sept. 22, 23	no flow	
1975	Jan. 8	1,400	39.6	17.83	5.435	many days	no flow	
1976	Mar. 25	1,650	46.7	17.17	5.233	many days	no flow	

a Period Aug. 26 to Sept. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, AUGUST TO SEPTEMBER 1972 (MEAN VALUES)

DAY	AUG	SEP	DAY	AUG	SEP	DAY	AUG	SEP
1		.42	12		.04	23		1.2
2		.50	13		.02	24		4.0
3		.26	14		0	25		1.5
4		.18	15		0	26	.38	1.2
5		.10	16		0	27	.60	2.6
6		.07	17		0	28	.90	3.8
7		.06	18		0	29	.70	3.2
8		.05	19		.75	30	1.0	3.8
9		.06	20		.26	31	.50	---
10		.06	21		.60			
11		.05	22		2.7			

SEPTEMBER: TOTAL 27.48 MEAN .92 MAX 4.0 MIN 0

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.0	5.5	22	106	553	7.5	231	9.0	2.7	25	23	2.4
2	3.4	5.5	18	132	551	9.5	43	8.2	1.9	6.9	42	2.2
3	3.2	5.8	19	356	82	8.5	27	31	1.4	4.0	11	4.0
4	2.8	5.2	50	335	35	225	18	44	1.2	3.2	6.4	15
5	2.4	5.0	158	69	22	279	14	18	2.6	35	4.4	60
6	2.2	4.8	852	41	17	91	10	9.0	4.5	20	3.5	215
7	2.4	5.0	570	61	12	152	615	546	7.7	10	2.8	118
8	2.7	5.0	100	249	25	80	426	695	15	6.8	4.0	41
9	2.6	5.0	39	106	556	91	63	234	20	5.4	5.8	21
10	2.4	5.0	26	42	390	62	30	38	8.8	4.6	3.9	13
11	2.2	5.0	18	32	124	687	18	20	6.2	4.0	3.4	19
12	2.1	5.2	15	28	59	534	14	12	7.7	3.2	3.2	50
13	2.0	40	91	23	39	107	10	10	6.7	2.7	3.0	1110
14	2.4	135	73	17	345	37	9.0	8.2	3.9	2.2	2.8	816
15	2.4	30	68	14	180	24	6.8	6.0	2.4	1.8	2.6	174
16	2.4	9.2	106	10	42	194	530	4.8	3.5	1.5	6.3	21
17	2.2	5.2	38	8.0	25	78	1030	4.4	3.5	1.2	8.8	10
18	2.4	17	23	6.5	18	34	1450	4.2	2.9	1.3	17	6.2
19	2.6	114	17	5.5	14	21	720	3.9	1.9	1.2	13	3.6
20	2.6	49	15	5.5	11	276	76	3.7	1.7	1.2	4.6	2.2
21	3.4	22	393	28	8.8	164	35	3.6	4.4	1.4	1.7	1.5
22	24	16	369	25	7.8	44	22	3.4	6.4	20	1.2	1.2
23	47	14	67	13	7.5	26	16	3.2	3.6	23	.80	1.2
24	63	14	35	7.0	6.5	709	13	3.1	2.4	7.2	.50	1.2
25	12	48	23	5.2	6.0	1570	84	7.5	2.4	7.9	.30	.98
26	7.0	110	16	33	5.8	1060	280	5.7	1.7	42	.19	1.2
27	8.5	37	14	47	5.8	101	103	4.3	1.5	18	.14	.98
28	7.2	26	13	42	6.5	43	32	3.2	1.7	7.5	.19	3.2
29	6.8	46	12	45	---	70	18	2.8	1.2	5.7	.90	11
30	6.5	30	27	22	---	56	12	2.6	1.7	4.5	4.0	20
31	5.8	---	172	14	---	550	---	2.4	---	4.0	3.2	---
TOTAL	242.6	824.4	3459	1927.7	3154.7	7390.5	5955.8	1751.2	133.2	282.4	184.62	2746.06
MEAN	7.83	27.5	112	62.2	113	238	199	56.5	4.44	9.11	5.96	91.5
MAX	63	135	852	356	556	1570	1450	695	20	42	42	1110
MIN	2.0	4.8	12	5.2	5.8	7.5	6.8	2.4	1.2	1.2	.14	.98

WTR YR 1973 TOTAL 28052.18 MEAN 76.9 MAX 1570 MIN .14

MISSISSIPPI RIVER DELTA

07373965 SOUTH CANAL NEAR BAKER, LA--Continued

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	2.4	16	13	26	6.0	7.9	1.2	.90	.07	6.0	21
2	8.3	2.9	11	10	610	5.2	63	.95	23	.04	11	6.7
3	4.4	2.2	8.0	392	1260	4.5	22	27	21	.02	8.8	2.2
4	2.4	2.7	7.7	719	391	3.8	9.7	3.8	4.9	.02	1.2	1.2
5	1.7	546	33	272	49	3.4	4.5	21	2.7	.01	.90	.79
6	1.2	582	17	63	30	3.4	3.0	20	1.6	330	2.0	.47
7	.98	90	9.4	465	646	3.7	2.3	12	.80	300	1.0	.52
8	.98	19	5.7	148	214	3.0	2.0	3.4	.55	45	4.5	2.6
9	.98	99	4.2	53	50	2.5	1.5	1.5	.45	17	1.0	7.5
10	3.9	47	3.2	28	29	2.6	1.0	.91	.40	5.0	.50	12
11	12	16	2.4	89	21	2.8	.85	.97	.31	2.2	.20	8.5
12	4.2	8.0	2.2	494	17	3.0	264	.91	.27	1.5	.25	2.6
13	1.9	4.9	2.7	158	15	4.7	617	.67	.21	1.2	2.5	1.2
14	.98	3.6	3.4	35	13	6.4	575	.47	.19	3.1	3.5	3.0
15	.74	2.2	3.9	22	137	6.0	653	.42	.17	17	1.5	2.4
16	.74	2.2	2.7	17	556	4.7	118	.37	.14	11	1.3	1.2
17	1.7	1.5	2.7	14	81	3.0	25	.29	.12	5.0	1.0	.91
18	1.9	1.2	2.4	12	26	2.0	13	.25	2.5	1.5	.60	.52
19	.98	1.2	4.6	154	97	1.7	7.4	.21	2.1	1.2	.35	.33
20	.50	1.9	59	1020	61	1.7	5.6	.62	1.0	.98	5.0	.17
21	.50	21	40	603	33	219	4.0	14	.37	1.6	15	.06
22	.98	50	15	77	263	79	3.4	34	.15	1.2	4.5	0
23	1.2	15	8.3	129	59	18	3.8	20	.25	.73	1.0	0
24	1.2	8.0	29	725	24	9.7	2.9	5.6	.60	.52	.50	.06
25	.74	191	898	751	16	68	2.2	1.7	.45	.47	.15	.73
26	.27	414	919	468	12	154	1.9	3.4	.35	.47	5.0	10
27	.27	137	499	324	9.0	761	1.5	1.7	.25	.47	10	2.3
28	.27	438	68	626	7.7	312	1.9	.67	.20	1.5	18	1.2
29	.10	203	30	573	---	46	1.7	.29	.15	1.9	7.8	.80
30	.10	29	19	149	---	21	1.5	.25	.10	2.2	6.4	.58
31	1.5	---	15	39	---	12	---	.20	---	1.2	62	---
TOTAL	75.61	2941.9	2741.5	8642	4752.7	1773.8	2420.55	178.75	66.18	754.10	183.45	91.54
MEAN	2.44	98.1	88.4	279	170	57.2	80.7	5.77	2.21	24.3	5.92	3.05
MAX	18	582	919	1020	1260	761	653	34	23	330	62	21
MIN	.10	1.2	2.2	10	7.7	1.7	.85	.20	.10	.01	.15	0
CAL YR 1973	TOTAL	29285.19	MEAN	80.2	MAX	1570	MIN	.10				
WTR YR 1974	TOTAL	24622.08	MEAN	67.5	MAX	1260	MIN	0				

07373965 SOUTH CANAL NEAR BAKER, LA--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.40	14	164	15	4.2	11	8.2	982	15	62	739	15
2	.06	6.2	37	20	3.8	9.6	5.7	592	8.3	83	976	12
3	.03	3.0	21	21	3.4	8.7	5.5	66	6.5	239	722	11
4	.01	2.2	15	23	4.0	123	3.9	103	4.7	131	352	8.9
5	0	1.5	13	24	4.5	259	2.6	70	4.3	90	235	8.9
6	0	1.1	37	17	3.6	57	4.6	31	16	21	139	52
7	0	.79	615	294	3.0	30	2.4	19	597	8.9	75	51
8	0	.62	400	1370	2.6	21	3.7	525	358	5.5	39	16
9	0	.52	90	968	2.6	15	8.9	721	129	814	21	139
10	0	.78	60	660	2.6	13	12	338	48	1080	19	490
11	0	136	35	693	2.4	12	24	41	666	1010	14	195
12	0	76	25	258	2.4	11	18	25	517	1040	28	124
13	0	19	23	182	2.6	23	8.4	20	64	199	21	674
14	0	9.1	21	54	2.8	58	681	26	26	37	15	55
15	3.5	4.7	176	30	14	32	874	29	23	21	13	18
16	2.3	2.4	200	21	81	127	311	21	32	14	31	11
17	1.2	1.7	107	20	431	98	38	15	30	27	91	11
18	.28	8.5	70	15	339	779	23	13	17	49	43	8.9
19	.02	20	50	12	45	585	16	11	913	41	14	6.8
20	0	122	35	11	28	65	12	11	968	16	9.6	5.5
21	0	431	27	9.9	21	27	10	9.6	221	117	40	4.3
22	0	74	24	7.8	17	17	93	8.9	26	584	105	3.9
23	0	22	17	6.7	74	12	32	8.4	15	1020	42	3.9
24	0	13	15	6.5	77	12	16	8.0	24	155	16	3.2
25	0	12	92	6.7	32	23	11	7.8	56	27	47	3.2
26	0	25	244	6.5	20	15	8.4	5.4	28	14	433	3.0
27	0	15	72	5.7	14	9.1	7.1	5.4	12	13	227	2.4
28	0	9.6	51	6.2	12	6.8	6.2	4.0	11	12	54	2.4
29	13	7.0	40	6.0	---	5.9	7.1	2.4	14	16	133	2.1
30	388	129	26	5.2	---	6.4	282	30	30	175	44	1.7
31	83	---	19	4.7	---	4.8	---	38	---	280	25	---
TOTAL	491.80	1167.71	2821	4779.9	1249.5	2476.3	2535.7	3786.9	4879.8	7401.4	4762.6	1943.1
MEAN	15.9	38.9	91.0	154	44.6	79.9	84.5	122	163	239	154	64.8
MAX	388	431	615	1370	431	779	874	982	968	1080	976	674
MIN	0	.52	13	4.7	2.4	4.8	2.4	2.4	4.3	5.5	9.6	1.7
CAL YR 1974	TOTAL	23343.58	MEAN	64.0	MAX	1260	MIN	0				
WTR YR 1975	TOTAL	38295.71	MEAN	105	MAX	1370	MIN	0				

MISSISSIPPI RIVER DELTA

07373965 SOUTH CANAL NEAR BAKER, LA--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	100	1.5	110	53	772	0.4	47	1.7	.86	189	3.2	5.2
2	278	1.9	50	28	244	0.4	20	1.9	.45	11	1.0	1.7
3	60	3.0	18	953	35	0.2	12	1.7	.27	5.0	.67	3.7
4	16	2.4	10	600	14	0.9	8.0	1.3	.27	12	.50	17
5	10	1.9	7.3	70	13	0.7	5.7	1.1	.27	3.7	.68	1.3
6	7.8	1.7	5.9	25	496	0.7	4.6	1.1	.27	4.8	.50	.12
7	5.5	2.6	5.2	19	127	0.0	3.9	2.8	.45	2.8	.24	0
8	4.8	2.1	4.3	17	32	0	3.0	13	.45	1.7	.01	0
9	4.8	1.7	3.7	11	16	180	2.4	8.9	.27	2.8	.01	0
10	3.5	1.7	2.8	8.7	12	50	2.1	254	.65	1.7	0	0
11	3.2	1.7	2.6	9.8	8.4	10	2.1	234	1.5	1.1	0	0
12	3.7	1.7	2.1	9.8	6.8	10	1.9	32	.86	8.3	0	0
13	3.5	1.7	4.1	9.8	5.9	0.8	2.1	23	.45	4.2	.12	0
14	3.5	1.7	5.2	12	5.0	10	1.9	69	.45	.45	.45	0
15	4.1	1.7	4.1	11	4.8	29	1.3	29	.86	0	1.3	.12
16	30	1.7	3.2	9.4	4.3	181	1.1	11	4.8	0	.65	0
17	461	1.7	3.5	6.6	4.3	190	.65	5.2	1.7	0	.27	0
18	94	1.7	4.1	4.8	4.3	31	.45	3.5	1.7	0	0	.12
19	20	1.7	2.1	4.1	4.3	10	.27	2.1	1.7	0	0	.12
20	11	1.9	4.3	3.9	3.9	9.6	.27	1.7	1.5	0	0	1.4
21	6.6	1.9	4.1	3.9	301	6.8	.27	1.3	1.1	0	0	3.5
22	4.3	1.7	1.7	3.2	527	0.7	.27	.86	.86	0	0	.12
23	3.5	1.7	.65	3.5	83	4.6	.65	.86	.86	0	0	0
24	2.9	1.7	.65	3.5	22	0.2	.45	.65	7.8	0	0	0
25	2.6	1.7	3.5	156	14	1270	1.3	.65	70	1.9	.27	0
26	2.2	7.6	7.1	184	11	1370	1.7	.65	6.8	89	.27	0
27	2.4	31	8.2	25	9.4	477	1.3	.86	2.8	191	1.3	0
28	2.0	34	10	15	8.2	43	1.1	1.1	1.9	16	1.5	0
29	1.9	15	413	9.4	7.3	23	1.1	1.1	7.1	7.3	25	0
30	1.7	14	501	6.2	---	459	1.3	.86	39	5.2	5.2	.12
31	1.7	---	195	115	---	348	---	.65	---	3.5	1.5	---
TOTAL	1156.2	148.0	1397.40	2390.6	2799.9	4417.0	130.18	707.54	157.95	562.45	45.64	34.52
MEAN	37.3	4.93	45.1	77.1	96.5	155	4.34	22.8	5.27	18.1	1.47	1.15
MAX	461	34	501	953	772	1370	47	254	70	191	25	17
MIN	1.7	1.5	.65	3.2	3.9	4.6	.27	.65	.27	0	0	0
CAL YR 1975	TOTAL	36516.80	MEAN	100	MAX	1370	MIN	.55				
WTR YR 1976	TOTAL	14347.34	MEAN	39.2	MAX	1370	MIN	0				

07373965 SOUTH CANAL NEAR BAKER, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											---	3.38
2											---	3.40
3											---	3.34
4											---	3.32
5											---	3.30
6											---	3.27
7											---	3.26
8											---	3.25
9											---	3.26
10											---	3.26
11											---	3.25
12											---	3.24
13											---	3.22
14											---	3.16
15											---	3.09
16											---	3.08
17											---	3.08
18											---	3.01
19											---	3.33
20											---	3.34
21											---	3.41
22											---	3.58
23											---	3.47
24											---	3.65
25											---	3.50
26											3.37	3.47
27											3.41	3.57
28											3.44	3.64
29											3.42	3.62
30											3.45	3.67
31											3.40	---
MEAN											---	3.35
MAX											---	3.67
MIN											---	3.01

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.73	4.39	4.53	6.53	10.32	3.80	8.11	3.86	4.16	5.31	4.66	4.34
2	3.76	4.43	4.39	7.18	11.46	3.88	4.98	3.83	4.16	5.31	5.30	4.37
3	3.81	4.48	4.43	9.77	5.98	3.84	4.49	4.62	4.07	5.20	4.31	4.58
4	3.84	4.46	5.28	9.52	4.73	7.63	4.21	5.00	4.04	4.03	4.14	4.72
5	3.85	4.45	7.00	5.68	4.33	8.97	4.04	4.20	4.07	5.28	4.15	5.88
6	3.86	4.45	13.89	4.92	4.16	5.96	3.92	3.86	4.16	5.27	4.15	8.82
7	3.89	4.46	11.62	5.44	3.97	7.33	11.70	10.54	4.20	4.32	4.19	7.18
8	3.94	4.46	6.26	8.80	4.36	5.68	10.33	12.67	4.46	4.17	4.25	5.28
9	3.96	4.47	4.85	6.48	11.50	5.97	5.54	7.99	4.67	4.17	4.20	4.65
10	3.97	4.48	4.45	4.95	10.05	5.25	4.59	4.83	4.31	4.18	4.24	4.39
11	3.98	4.49	4.21	4.65	6.96	12.54	4.21	4.26	4.23	4.16	4.23	4.58
12	3.98	4.50	4.10	4.54	5.43	11.32	4.04	4.00	4.29	4.15	4.22	5.03
13	3.98	5.37	6.21	4.37	4.87	6.46	3.91	3.90	4.25	4.13	4.21	---
14	4.02	7.28	5.78	4.16	9.54	4.81	3.86	3.83	4.14	4.09	4.20	14.55
15	4.03	5.28	5.61	4.04	7.48	4.40	3.77	3.74	4.18	4.08	4.20	7.57
16	4.04	4.65	6.56	3.92	4.94	7.30	---	3.69	4.25	4.04	4.37	4.64
17	4.04	4.50	4.83	3.82	4.44	5.88	---	3.67	4.29	4.02	4.87	4.29
18	4.06	4.83	4.37	3.76	4.19	4.71	---	3.77	4.25	4.05	5.62	4.13
19	4.08	6.85	4.16	3.72	4.05	4.30	---	3.86	4.21	4.07	6.64	4.03
20	4.09	5.46	4.11	3.72	3.93	8.50	5.83	3.84	4.23	4.13	4.57	3.97
21	4.14	4.75	9.78	4.55	3.85	7.46	4.75	4.01	4.36	4.18	4.20	3.94
22	4.84	4.54	9.85	4.44	3.81	4.99	4.35	4.04	4.44	5.03	4.17	3.93
23	5.52	4.46	5.61	4.02	3.80	4.46	4.13	4.06	4.18	5.12	4.18	3.93
24	5.84	4.48	4.74	3.78	3.76	12.16	4.01	4.10	4.08	5.73	4.17	3.93
25	4.44	5.43	4.37	3.71	3.74	18.93	5.73	4.18	4.03	6.16	4.17	3.93
26	4.21	6.72	4.15	4.68	3.73	15.33	9.12	4.11	3.97	6.93	4.16	3.94
27	4.27	4.99	4.05	5.08	3.73	6.35	6.30	4.15	3.99	4.54	4.26	3.94
28	4.24	4.65	4.03	4.95	3.76	4.98	4.66	4.16	4.05	4.18	4.33	4.03
29	4.24	5.24	3.97	5.03	---	5.70	4.19	4.13	4.08	4.17	4.24	4.33
30	4.32	4.81	4.44	4.33	---	5.34	3.96	4.12	4.15	4.18	4.40	4.61
31	4.35	---	7.85	4.04	---	11.42	---	4.10	---	4.24	4.37	---
MEAN	4.17	4.93	5.79	5.12	5.60	7.28	---	4.68	4.20	4.60	4.43	---
MAX	5.84	7.28	13.89	9.77	11.50	18.93	---	12.67	4.67	6.93	6.64	---
MIN	3.73	4.39	3.97	3.71	3.73	3.80	---	3.67	3.97	4.02	4.14	---

MISSISSIPPI RIVER DELTA

07373965 SOUTH CANAL NEAR BAKER, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.56	3.85	4.38	4.16	4.39	3.55	3.64	.00		---	3.43	3.97
2	4.20	3.87	4.18	4.06	10.87	3.51	5.50	.00		---	3.61	3.46
3	4.04	3.84	4.07	8.96	16.88	3.47	4.24	4.38		---	3.54	3.26
4	3.96	3.86	4.06	13.07	9.69	3.43	3.72	3.43		---	3.44	3.19
5	3.92	11.95	4.94	8.62	5.13	3.40	3.47	4.19		---	3.56	3.13
6	3.90	12.53	4.40	5.57	4.55	3.40	3.37	4.14		---	3.59	3.07
7	3.88	6.28	4.12	10.89	12.94	3.42	3.31	3.83		---	3.68	3.08
8	3.87	4.54	3.98	7.25	9.51	3.37	3.28	3.40		---	3.70	3.28
9	3.87	6.58	3.92	5.32	5.18	3.33	3.23	3.23		---	3.79	3.49
10	3.99	5.41	3.87	4.58	4.53	3.34	3.17	3.15		---	3.81	3.67
11	4.29	4.43	3.84	5.59	4.21	3.35	3.14	3.16		3.26	3.81	3.53
12	4.00	4.14	3.83	11.06	4.05	3.37	7.23	3.15		3.21	3.81	3.28
13	3.91	4.02	3.85	7.16	3.94	3.48	12.02	3.11		3.18	3.93	3.18
14	3.87	3.97	3.88	4.78	3.85	3.57	11.85	3.07		3.26	4.14	3.30
15	3.86	3.91	3.90	4.38	5.75	3.55	12.32	3.06		3.82	4.17	3.27
16	3.86	3.91	3.85	4.19	11.50	3.48	6.44	3.05		3.62	4.25	3.19
17	3.90	3.88	3.85	4.10	5.94	3.37	4.36	3.03		3.39	4.27	3.15
18	3.90	3.87	3.84	4.03	4.37	3.28	3.97	3.02		3.21	4.25	3.08
19	3.86	3.87	3.93	6.12	6.25	3.25	3.62	3.01		3.18	4.22	3.04
20	3.83	3.90	5.72	15.18	5.46	3.25	3.53	3.10		3.16	4.53	3.00
21	3.81	4.61	5.16	11.88	4.59	7.75	3.44	3.79		3.22	5.35	2.97
22	3.83	5.49	4.32	5.83	8.84	5.85	3.40	4.71		3.19	5.66	2.95
23	3.84	4.41	4.08	6.14	5.38	4.08	3.43	4.14		3.12	5.73	2.93
24	3.84	4.14	4.48	12.89	4.33	3.72	3.36	3.53		3.08	5.72	2.97
25	3.82	7.37	14.80	13.11	3.99	5.59	3.30	3.25		3.07	5.71	3.12
26	3.79	10.94	14.85	10.59	3.82	6.65	3.27	3.40		3.07	6.03	---
27	3.78	7.46	11.26	9.45	3.69	13.19	3.23	3.25		3.07	6.15	---
28	3.77	11.17	5.77	11.96	3.63	8.94	---	3.11		3.21	3.86	---
29	3.76	8.12	4.72	11.64	---	5.03	---	3.03		3.24	3.50	---
30	3.75	4.82	4.38	7.00	---	4.18	---	---		3.26	3.45	---
31	3.81	---	4.24	4.84	---	3.83	---	---		3.19	5.14	---
MEAN	3.91	5.71	5.18	7.88	6.33	4.42	---	---		---	4.32	---
MAX	4.56	12.53	14.85	15.18	16.88	13.19	---	---		---	6.15	---
MIN	3.75	3.84	3.83	4.03	3.63	3.25	---	---		---	3.43	---

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	3.72	7.03	3.59	3.36	3.35	3.46	14.20	---	5.07	12.38	3.82
2	---	3.43	4.34	3.76	3.34	3.30	3.35	11.12	---	5.59	14.15	3.73
3	---	3.29	3.84	3.79	3.32	3.26	3.34	5.15	---	8.22	12.20	3.65
4	---	3.24	3.62	3.87	3.35	5.67	3.27	6.12	---	6.74	---	3.58
5	---	3.19	3.80	3.90	3.37	8.30	3.21	5.26	---	5.81	---	3.58
6	---	3.15	4.51	3.65	3.33	4.88	3.30	4.15	---	4.01	---	4.87
7	---	3.11	11.99	7.01	3.30	4.09	3.20	3.75	---	3.58	---	4.87
8	---	3.08	9.91	17.65	3.28	3.73	3.26	10.06	---	3.44	4.54	3.85
9	---	3.06	---	14.70	3.28	3.53	3.49	12.19	---	12.43	4.01	5.94
10	---	3.10	---	12.15	3.28	3.45	3.63	8.69	---	14.86	3.96	10.39
11	---	6.58	---	12.64	3.27	3.40	4.01	4.45	11.76	14.32	3.77	7.70
12	---	5.41	---	8.48	3.27	3.36	3.85	3.88	10.58	14.60	.00	.00
13	---	3.87	---	7.44	3.28	3.79	3.47	3.71	5.10	7.07	4.03	11.72
14	---	3.51	3.80	4.94	3.29	4.95	10.79	3.93	4.09	4.51	3.82	5.06
15	---	3.34	.00	4.27	3.63	4.15	13.37	4.05	3.39	4.01	3.76	3.93
16	---	3.23	---	3.98	5.62	6.55	8.28	3.75	4.27	3.80	4.33	3.67
17	---	---	---	3.94	9.89	5.94	4.39	3.51	4.18	4.15	5.85	3.67
18	---	---	---	3.75	8.90	12.64	3.93	3.43	3.74	4.83	4.66	3.58
19	---	3.91	---	3.66	4.57	11.10	3.68	3.37	13.03	4.62	3.77	3.50
20	---	6.15	---	3.63	3.99	5.15	3.50	3.34	14.07	3.87	3.61	3.44
21	---	10.37	---	3.58	3.75	4.12	3.43	3.30	7.33	5.26	4.38	3.39
22	2.84	5.28	3.88	3.50	3.61	3.81	5.79	3.27	4.19	11.06	6.12	3.37
23	2.84	3.93	3.65	3.46	5.26	3.64	4.21	3.25	3.82	14.43	4.66	3.37
24	2.82	3.62	3.57	3.45	5.44	3.60	3.68	3.23	4.05	6.83	3.87	3.32
25	2.82	3.55	5.50	3.46	4.14	3.97	3.47	---	5.03	4.21	4.63	3.30
26	2.82	4.02	8.36	3.45	3.70	3.73	3.36	---	4.23	3.80	9.98	3.27
27	2.82	3.68	5.25	3.42	3.50	3.50	3.30	---	3.73	3.76	7.58	3.22
28	2.83	3.48	4.70	3.44	3.42	3.40	3.26	---	3.68	3.71	.00	3.22
29	3.50	3.38	4.40	3.43	---	3.36	3.30	---	3.78	3.81	6.48	3.20
30	9.93	6.41	3.95	3.40	---	3.38	7.27	---	4.30	6.86	4.71	3.18
31	5.54	---	3.72	3.38	---	3.31	---	---	---	8.66	4.15	---
MEAN	---	---	---	5.44	4.13	4.66	4.46	---	---	6.71	---	4.25
MAX	---	---	---	17.65	9.89	12.64	13.37	---	---	14.86	---	11.72
MIN	---	---	---	3.38	3.27	3.26	3.20	---	---	3.44	---	0

07373965 SOUTH CANAL NEAR BAKER, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.65	3.14	5.35	4.48	10.92	3.16	4.39	2.95	2.80	5.88	2.92	3.02
2	8.62	3.15	4.42	3.96	6.56	3.16	3.70	2.96	2.78	3.29	---	2.84
3	4.72	3.27	3.62	12.24	4.21	3.15	3.39	2.95	2.76	3.05	---	2.96
4	3.71	3.21	3.33	9.55	3.74	3.14	3.23	2.93	2.75	3.36	---	3.46
5	3.48	3.17	3.20	4.80	3.54	3.13	3.13	2.92	2.75	2.95	---	2.82
6	3.38	3.15	3.14	3.96	8.58	3.13	3.08	2.92	2.77	3.00	---	2.74
7	3.28	3.22	3.11	3.75	5.52	3.23	3.05	3.00	2.78	2.90	---	2.72
8	3.25	3.13	3.07	3.66	4.15	3.64	3.01	3.41	2.78	2.84	---	2.71
9	3.25	3.10	3.04	3.45	3.68	6.06	2.98	3.27	2.76	2.90	---	2.72
10	3.15	3.10	3.00	3.34	3.49	4.46	2.97	6.11	2.79	2.84	---	2.71
11	3.14	3.05	2.99	3.39	3.36	3.64	2.97	6.53	2.83	2.81	---	2.69
12	3.17	3.02	2.97	3.39	3.29	3.32	2.96	4.01	2.80	3.10	---	2.69
13	3.15	2.95	3.06	3.39	3.24	3.18	2.97	3.69	2.78	2.97	2.90	2.69
14	3.15	2.95	3.11	3.49	3.20	3.31	2.96	4.78	2.78	2.78	2.99	2.70
15	3.20	2.95	3.06	3.44	3.18	3.98	2.93	3.93	2.80	2.74	3.13	2.74
16	3.95	2.96	3.02	3.37	3.15	5.97	2.92	3.30	3.00	2.73	3.03	2.73
17	8.51	2.95	3.03	3.25	3.15	6.12	2.90	3.02	2.85	2.77	2.95	2.73
18	5.09	2.99	3.06	3.15	3.15	4.04	2.89	2.93	2.85	2.82	2.88	2.74
19	3.85	3.00	2.97	3.12	3.15	3.49	2.88	2.87	2.84	2.73	2.89	2.74
20	3.50	3.02	3.07	3.10	3.12	3.24	2.88	2.84	2.83	2.71	2.84	2.81
21	3.33	3.02	3.06	3.10	6.41	3.10	2.88	2.82	2.81	2.71	2.85	2.94
22	---	3.01	2.95	3.06	9.03	3.05	2.88	2.80	2.80	2.71	2.88	2.74
23	---	3.00	2.90	3.08	4.88	2.99	2.90	2.80	2.80	2.70	2.89	2.70
24	---	3.00	2.90	3.07	3.80	3.02	2.89	2.79	3.03	2.70	2.89	2.69
25	---	2.99	3.03	4.86	3.50	14.47	2.93	2.79	4.53	2.85	2.92	2.69
26	---	3.30	3.19	5.95	3.37	15.29	2.95	2.79	3.10	4.68	2.93	2.67
27	---	4.14	3.24	3.96	3.29	8.49	2.93	2.80	2.90	6.08	3.13	2.69
28	---	4.11	3.33	3.61	3.24	4.31	2.92	2.81	2.86	3.49	3.03	2.69
29	3.24	3.51	7.83	3.37	3.20	3.82	2.92	2.81	3.11	3.13	3.84	2.70
30	3.19	3.46	8.83	3.23	---	8.44	2.93	2.80	3.98	3.03	3.07	2.74
31	3.17	---	6.22	4.49	---	7.51	---	2.79	---	2.94	2.83	---
MEAN	---	3.17	3.65	4.13	4.38	4.87	3.04	3.29	2.93	3.17	---	2.77
MAX	---	4.14	8.83	12.24	10.92	15.29	4.39	6.53	4.53	6.08	---	3.46
MIN	---	2.95	2.90	3.06	3.12	2.49	2.88	2.79	2.75	2.70	---	2.67

MISSISSIPPI RIVER MAIN STEM

07374120 MISSISSIPPI RIVER AT PLAQUEMINE, LA

LOCATION.--Lat 30°17'00", long 91°13'21", T.9 S., R.12 E., Louisiana meridian, Iberville Parish, at west bank ferry landing (river mile 208.0) at Plaquemine.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1973-76.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED SILICA (SI02) (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	ALKA- LINITY AS CAC03 (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)
OCT. 17...	1345	6.2	44	14	30	3.2	145	0	119	62	27	.3
NOV. 18...	0900	6.1	42	12	28	3.3	128	0	105	61	27	.2
DEC. 12...	1230	5.4	41	12	27	2.9	127	0	104	62	24	.3
JAN. 14...	1700	6.3	34	9.3	14	2.4	106	0	87	45	17	.2
FEB. 05...	1100	6.8	37	9.8	18	2.3	118	0	97	43	22	.2
MAR. 12...	1300	6.6	33	9.7	16	2.5	101	0	83	42	22	.2
APR. 06...	1215	6.2	34	10	14	2.6	107	0	88	44	17	.6
MAY 19...	1550	6.7	41	13	20	2.9	138	0	113	44	23	.3
JUNE 03...	1030	--	41	13	--	--	133	0	109	50	22	--
JULY 14...	0900	4.6	37	10	33	3.0	111	0	91	51	42	.3
AUG. 15...	2230	1.1	42	14	31	3.2	140	0	115	66	32	.3
SEP. 01...	1545	1.0	43	14	35	3.4	144	0	118	68	35	.3

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DIS- SOLVED SOLIDS (TONS PER AC-FT)	SUS- PENDE SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA,MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	PERCENT SODIUM
OCT. 17...	.82	.00	--	.13	264	258	.36	43	--	170	51	28
NOV. 18...	.69	.00	--	.15	--	243	.33	68	--	150	50	28
DEC. 12...	.65	.02	--	.17	236	237	.32	77	--	150	46	27
JAN. 14...	1.1	.03	.46	.26	192	181	.26	182	<1.0	120	36	19
FEB. 05...	.98	.02	.51	.23	202	197	.27	36	<1.0	130	36	22
MAR. 12...	--	--	.54	--	188	182	.26	131	<1.0	120	40	22
APR. 06...	1.5	.01	.86	.27	184	181	.25	180	<1.0	130	38	19
MAY 19...	2.2	.02	.36	.25	--	219	.30	170	<1.0	160	43	21
JUNE 03...	1.7	.01	.67	.32	--	--	--	216	--	160	47	--
JULY 14...	1.2	.01	.36	.16	--	236	.32	70	<1.0	130	43	34
AUG. 15...	.63	.00	.39	.06	--	259	.35	16	--	160	48	29
SEP. 01...	.47	.00	--	.07	--	271	.37	24	<1.0	170	52	31

MISSISSIPPI RIVER MAIN STEM

07374120 MISSISSIPPI RIVER AT PLAQUEMINE, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	SODIUM AD- SORP- TION RATIO	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)
OCT. 17...	1.0	458	7.9	21.5	2	20	7.7	--	1.2	2.9	2300	700
NOV. 18...	1.0	423	7.9	15.5	7	30	8.5	--	1.4	2.6	4700	1400
DEC. 12...	1.0	411	7.8	10.0	10	45	10.0	--	2.3	3.2	2000	1300
JAN. 14...	.5	317	7.0	5.0	10	75	11.7	12	4.6	17	1300	160
FEB. 05...	.7	354	8.2	8.0	25	60	11.3	15	--	1.2	--	580
MAR. 12...	.6	332	8.1	15.0	40	65	8.9	20	5.2	1.3	1700	610
APR. 06...	.5	328	8.2	15.0	10	130	8.7	3	1.9	1.1	2500	520
MAY 19...	.7	397	7.7	21.0	20	70	8.0	21	1.6	4.4	3100	300
JUNE 03...	--	403	7.8	22.0	15	75	7.2	18	1.4	3.4	5900	1100
JULY 14...	1.2	437	7.9	27.5	5	65	5.9	18	.5	2.2	2100	<5
AUG. 15...	1.1	467	8.1	28.0	10	9	6.7	20	--	1.8	2200	--
SEP. 01...	1.2	493	7.9	28.5	30	4	7.7	11	3.1	2.9	5500	--

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS- PENDED ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
OCT. 17...	3.8	.00	1	0	2	1	1	0	0	0	0	--
NOV. 18...	6.0	.00	3	1	2	1	1	1	1	<10	0	--
DEC. 12...	4.6	.00	0	0	3	2	1	0	0	<10	0	--
JAN. 14...	10	.00	4	0	4	3	1	1	0	20	0	9
FEB. 05...	9.2	.00	0	0	3	2	1	0	0	<10	0	8
MAR. 12...	11	.00	1	0	4	3	1	0	0	10	0	--
APR. 06...	15	.00	1	0	4	3	1	0	0	20	0	65
MAY 19...	6.8	.00	9	0	4	2	2	0	0	10	0	5
JUNE 03...	6.1	.00	0	0	4	3	1	0	0	10	0	33
JULY 14...	6.1	.00	1	0	3	1	2	0	0	20	0	5
AUG. 15...	1.6	.00	1	0	2	0	2	0	0	10	0	6
SEP. 01...	3.6	.00	2	2	2	1	1	0	0	30	0	4

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374120 MISSISSIPPI RIVER AT PLAQUEMINE, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED IRON (FE) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS- PENDED LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDED MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT. 17...	--	0	2	2	0	.0	.0	.0	--	--	20	0
NOV. 18...	--	20	4	4	0	.0	.0	.0	--	--	40	40
DEC. 12...	--	30	7	7	0	.0	.0	.0	--	--	50	10
JAN. 14...	2	40	8	8	0	.6	.5	.1	12	0	130	0
FEB. 05...	4	10	6	6	0	.1	.0	.1	11	0	30	10
MAR. 12...	--	0	6	6	0	.0	.0	.0	--	--	40	20
APR. 06...	6	30	8	8	0	.1	.1	.0	12	0	80	20
MAY 19...	3	50	5	5	0	.2	.0	.2	24	0	40	0
JUNE 03...	5	50	12	12	0	.2	.0	.2	16	0	120	20
JULY 14...	4	10	4	4	0	.0	.0	.0	9	0	70	0
AUG. 15...	3	10	4	4	0	.3	.0	.3	2	2	40	10
SEP. 01...	4	20	0	0	0	.2	.1	.1	3	0	20	0

MISSISSIPPI RIVER MAIN STEM

07374220 MISSISSIPPI RIVER AT UNION, LA

LOCATION.--Lat 30°05'52", long 90°54'45", T.11 S., R.15 E., St. James Parish, near center of span on downstream side of Sunshine Bridge on State Highway 3089 (river mile 167.5), 0.7 mi (1.1 km) northwest of Union.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1973-76.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)
OCT. 17...	1230	6.2	42	13	27	3.1	120	0	98	79	26	.9
NOV. 18...	1030	6.1	41	11	25	3.3	126	0	103	62	21	.2
DEC. 12...	1100	5.5	41	13	24	2.9	129	0	106	63	18	.3
JAN. 14...	1530	6.3	36	9.9	15	2.5	106	0	87	44	17	.4
FEB. 05...	1000	6.8	36	9.7	15	2.3	116	0	95	42	18	.7
MAR. 12...	1230	6.6	34	9.9	12	2.4	98	0	80	42	14	.2
APR. 07...	0900	6.3	34	10	14	2.6	105	0	86	45	17	.7
MAY 14...	1500	6.8	36	11	15	2.9	119	0	98	40	20	.3
JUNE 03...	1330	--	41	13	--	--	135	0	111	51	23	--
JULY 14...	1100	4.6	35	11	27	3.0	109	0	89	50	33	.3
AUG. 16...	2300	1.1	43	14	29	3.2	136	0	112	65	28	.4
SEP. 01...	1445	1.2	43	14	28	3.3	142	0	116	65	25	.3

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	PERCENT SODIUM
OCT. 17...	.89	.00	--	.19	264	256	.36	35	--	160	62	27
NOV. 18...	.69	.00	--	.14	238	232	.32	100	--	150	47	26
DEC. 12...	.67	.03	--	.20	230	231	.31	76	--	160	54	25
JAN. 14...	1.1	.04	.48	.28	184	184	.25	140	<1.0	130	44	20
FEB. 05...	.97	.03	.80	.13	202	188	.27	94	<1.0	130	35	20
MAR. 12...	1.6	.01	.73	.19	166	169	.23	149	<1.0	130	45	17
APR. 07...	1.7	.01	.65	.36	182	181	.25	275	<1.0	130	40	19
MAY 14...	2.1	.02	--	.38	200	191	.27	332	<1.0	140	38	19
JUNE 03...	1.7	.01	.56	.14	--	--	--	83	--	160	45	--
JULY 14...	1.2	.01	.34	.26	--	218	.30	106	<1.0	130	43	30
AUG. 16...	.75	.01	.46	.13	--	251	.34	10	<1.0	170	53	27
SEP. 01...	.49	.01	--	.09	--	250	.34	34	<1.0	170	49	26

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374220 MISSISSIPPI RIVER AT UNION, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	SODIUM AD- SORP- TION RATIO	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)
OCT. 17...	.9	441	7.9	21.5	5	15	7.5	--	.6	2.4	4000	3300
NOV. 18...	.9	412	7.8	15.5	7	50	8.6	--	1.4	3.2	2700	330
DEC. 12...	.8	398	7.8	10.5	10	40	10.1	--	2.5	3.3	1800	640
JAN. 14...	.6	330	7.1	4.0	15	75	11.4	17	4.5	13	1900	340
FEB. 05...	.6	334	8.2	7.0	25	60	11.3	15	--	1.2	--	--
MAR. 12...	.5	304	8.1	14.0	25	75	8.9	10	5.2	1.2	840	800
APR. 07...	.5	325	8.2	15.0	5	110	8.7	20	1.6	1.1	2300	1000
MAY 14...	.6	341	8.1	18.5	20	85	7.6	--	--	1.5	8800	590
JUNE 03...	--	411	7.8	23.5	15	45	7.6	20	1.1	3.4	2400	300
JULY 14...	1.0	404	7.9	27.5	50	70	5.9	18	1.1	2.2	2900	<5
AUG. 16...	1.0	464	8.1	29.0	10	7	6.9	28	--	1.7	700	--
SEP. 01...	.9	449	8.0	29.5	30	6	8.0	8	1.3	2.3	300	--

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS- PENDED ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CH6) (UG/L)	TOTAL COPPER (CU) (UG/L)
OCT. 17...	3.6	.00	1	0	2	1	1	0	0	0	0	--
NOV. 18...	6.6	.00	3	0	2	1	1	0	0	<10	0	--
DEC. 12...	5.0	.00	0	0	4	3	1	0	0	<10	0	--
JAN. 14...	8.2	.00	2	0	3	2	1	1	0	10	0	10
FEB. 05...	5.8	.01	1	0	2	1	1	0	0	<10	0	6
MAR. 12...	8.2	.00	0	1	4	3	1	0	0	30	0	--
APR. 07...	10	.00	0	0	5	4	1	2	0	20	0	27
MAY 14...	13	.00	2	0	8	7	1	0	0	10	0	--
JUNE 03...	4.3	.00	3	0	3	2	1	1	0	10	0	9
JULY 14...	6.2	.00	1	0	4	2	2	0	0	10	0	11
AUG. 16...	3.8	.00	0	0	2	0	2	0	0	<10	0	4
SEP. 01...	3.3	.00	2	2	3	2	1	0	0	30	0	4

MISSISSIPPI RIVER MAIN STEM

07374220 MISSISSIPPI RIVER AT UNION, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED IRON (FE) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS- PENDED LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDED MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT. 17...	--	0	1	1	0	.1	.1	.0	--	--	10	3
NOV. 18...	--	30	5	5	0	.0	.0	.0	--	--	60	10
DEC. 12...	--	30	6	6	0	.1	.1	.0	--	--	20	10
JAN. 14...	0	230	16	16	0	.0	.0	.0	13	2	30	0
FEB. 05...	6	10	6	6	0	.2	.2	.0	7	0	80	0
MAR. 12...	--	0	8	8	0	.0	.0	.0	--	--	10	10
APR. 07...	6	0	8	8	0	.1	.1	.0	11	0	70	20
MAY 14...	--	20	12	12	0	.1	.0	.1	--	--	30	0
JUNE 03...	5	20	11	11	0	.4	.1	.2	11	0	90	20
JULY 14...	4	20	8	8	0	.2	.2	.0	9	0	60	10
AUG. 16...	4	10	6	3	3	.3	.0	.3	4	2	50	10
SEP. 01...	4	10	0	0	0	.4	.3	.1	5	0	10	10

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING FERRY, LA

LOCATION.--Lat 29°56'19", long 90°21'49", T.13 S., R.21 E., St. Charles Parish at Luling-Destrehan ferry crossing (river mile 120.6), 17 mi (27.4 km) west of New Orleans.

DRAINAGE AREA.--1,243,600 mi² (3,220,900 km²), arbitrarily determined.

PERIOD OF RECORD.--Water years 1958 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1957 to September 1972, October 1974 to September 1975.

WATER TEMPERATURES: October 1957 to September 1972.

CHLORIDE: October 1974 to September 1975.

SULFATE: October 1974 to September 1975.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 636 micromhos Oct. 12, 1959; minimum, 219 micromhos Mar. 27, 28, 30, 1964.

WATER TEMPERATURES: Maximum, 32.0°C July 21, 24, Aug. 14, 1962, July 2, 3, 5, 6, 1969; minimum, 3.0°C Jan. 12, 1962.

CHLORIDE: Maximum, 60 mg/L Nov. 13, 1974; minimum, 11 mg/L Mar. 22, 1975.

SULFATE: Maximum, 87 mg/L Oct. 31, 1974; minimum, 26 mg/L Mar. 19, 1975.

WATER QUALITY DATA. WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED SILICA (SiO ₂) (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO ₃) (MG/L)	CAR- BONATE (CO ₃) (MG/L)	ALKA- LINITY AS CACO ₃ (MG/L)	DIS- SOLVED SULFATE (SO ₄) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)
OCT.												
17...	1000	6.3	43	13	26	3.2	112	0	92	85	27	.5
NOV.												
18...	1230	6.3	41	11	25	3.3	122	0	100	62	22	.7
DEC.												
12...	0930	5.7	39	13	24	2.9	132	0	108	64	19	.6
JAN.												
14...	0900	6.3	37	10	15	2.4	108	0	89	51	17	.5
FEB.												
04...	1700	6.8	37	9.1	18	3.3	106	0	87	48	21	.4
MAR.												
11...	1500	6.4	33	9.2	13	2.4	98	0	80	43	17	.4
APR.												
07...	1415	6.4	35	10	15	2.6	107	0	88	48	18	.8
MAY												
14...	0935	7.0	35	11	16	2.9	120	0	98	43	17	.4
JUNE												
04...	1100	--	42	13	--	--	136	0	112	50	16	--
JULY												
14...	1400	4.8	36	11	26	3.0	111	0	91	51	31	.4
AUG.												
18...	0800	1.0	43	14	29	3.1	136	0	112	71	29	.7
SEP.												
01...	1245	2.2	45	14	29	3.4	142	0	116	65	30	.7

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT JULING FERRY, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L)	DIS- SOLVED SOLIDS (TONS PER AC-FT)	SUS- PENDE SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA, MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	PERCENT SODIUM
OCT. 17...	1.0	.00	--	.23	--	261	.34	50	--	160	68	27
NOV. 18...	.69	.00	--	.23	246	231	.33	89	--	150	48	26
DEC. 12...	.66	.02	--	.20	236	233	.32	66	--	150	42	25
JAN. 14...	1.1	.03	.47	.32	214	192	.29	234	<1.0	130	41	19
FEB. 04...	.98	.02	.86	.24	290	196	.39	88	<1.0	130	43	23
MAR. 11...	1.5	.01	.60	.28	166	173	.23	233	<1.0	120	40	19
APR. 07...	1.6	.01	1.0	.30	186	189	.25	128	<1.0	130	41	20
MAY 14...	1.8	.02	--	.34	200	191	.27	375	<1.0	130	34	20
JUNE 04...	1.5	.01	.49	.34	--	--	--	70	<1.0	160	47	--
JULY 14...	1.3	.01	.24	.20	--	218	.30	63	<1.0	140	44	29
AUG. 18...	.62	.00	.68	.23	272	258	.37	12	--	170	58	27
SEP. 01...	.62	.01	--	.22	--	259	.35	3	<1.0	170	54	27

DATE	SODIUM AD- SORP- TION RATIO	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)
OCT. 17...	1.0	450	7.9	21.0	3	20	7.3	--	1.3	2.3	360	--
NOV. 18...	.9	412	7.7	17.0	5	35	8.2	--	1.7	3.9	730	200
DEC. 12...	.9	403	7.7	10.5	10	40	9.4	--	2.8	4.2	1100	340
JAN. 14...	.6	338	7.1	5.0	20	75	11.4	10	4.2	14	1200	80
FEB. 04...	.7	345	8.1	8.5	25	50	11.2	5	4.5	1.3	660	190
MAR. 11...	.5	313	8.1	13.5	35	65	8.7	20	3.8	1.2	2100	--
APR. 07...	.6	333	8.0	15.5	15	115	8.6	7	1.4	1.7	3200	1400
MAY 14...	.6	343	8.2	18.0	20	85	7.5	--	--	1.2	6800	460
JUNE 04...	--	413	7.9	23.5	5	40	7.6	13	.7	2.7	900	310
JULY 14...	1.0	397	8.0	28.0	5	45	5.7	18	.0	1.8	700	<5
AUG. 18...	1.0	417	7.8	28.0	20	12	7.0	20	1.0	3.4	--	--
SEP. 01...	1.0	472	8.0	29.5	30	4	7.3	8	4.8	2.3	1700	--

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING FERRY, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS- PENDE D ARSE NIC (AS) (UG/L)	DIS- SOLVED ARSE NIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
OCT.												
17...	4.2	.00	5	0	2	1	1	0	0	0	0	--
NOV.												
18...	5.8	.00	3	0	2	1	1	1	0	<10	0	--
DEC.												
12...	5.6	.00	0	0	3	2	1	0	0	<10	0	--
JAN.												
14...	9.0	.00	0	0	3	2	1	2	0	20	0	15
FEB.												
04...	5.0	.00	2	0	3	2	1	0	0	10	0	6
MAR.												
11...	17	.00	4	3	4	3	1	0	0	10	0	--
APR.												
07...	11	.00	0	0	4	3	1	0	0	20	0	36
MAY												
14...	16	.00	2	0	7	5	2	0	0	<10	0	--
JUNE												
04...	--	.00	2	0	2	0	2	0	0	10	0	7
JULY												
14...	4.5	.00	0	0	3	2	1	0	0	20	0	5
AUG.												
18...	5.5	--	--	--	2	0	2	0	0	<10	0	4
SEP.												
01...	4.2	.00	3	0	3	1	2	0	0	30	0	5

DATE	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED IRON (FE) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS- PENDE D LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDE D MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.												
17...	--	0	2	2	0	.0	.0	.0	--	--	10	0
NOV.												
18...	--	10	7	7	0	.0	.0	.0	--	--	30	4
DEC.												
12...	--	0	7	7	0	.0	.0	.0	--	--	30	0
JAN.												
14...	0	0	14	14	0	.2	.0	.2	14	0	60	0
FEB.												
04...	5	0	6	6	0	.2	.2	.0	7	0	20	20
MAR.												
11...	--	0	9	9	0	.1	.1	.0	--	--	20	0
APR.												
07...	6	10	7	7	0	.1	.0	.1	12	0	70	10
MAY												
14...	--	10	12	12	0	.1	.1	.0	--	--	40	10
JUNE												
04...	5	10	7	7	0	.2	.2	.0	14	0	10	10
JULY												
14...	4	20	7	7	0	.0	.0	.0	9	0	30	20
AUG.												
18...	4	0	2	2	0	.0	.0	.0	3	3	20	10
SEP.												
01...	3	0	0	0	0	.1	.0	.1	4	3	30	10

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING FERRY, LA--Continued

APR. 7, 1976
1100 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 50 DEPTH (FT) 15

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPODA		
...TUBIFICIDAE		
....LIMNODRILUS		2

APR. 7, 1976
1101 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 50 DEPTH (FT) 15

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		1

APR. 7, 1976
1102 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 50 DEPTH (FT) 15

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPODA		
...TUBIFICIDAE		
....LIMNODRILUS		2
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
....CRYPTOCHIRONOMUS		1
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.918		
CLASS 0.918		
ORDER 0.918		
FAMILY 0.918		
GENERA 0.918		

APR. 7, 1976
1105 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 800 DEPTH (FT) 35

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		5

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING FERRY, LA--Continued

APR. 7, 1976
1106 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 800 DEPTH (FT) 35

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		1

APR. 7, 1976
1107 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 800 DEPTH (FT) 35

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		2

APR. 7, 1976
1110 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1600 DEPTH (FT) 65

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		5

APR. 7, 1976
1111 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1600 DEPTH (FT) 65

- - - NO ORGANISMS REPORTED - - -

APR. 7, 1976
1112 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1600 DEPTH (FT) 65

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		7

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING FERRY, LA--Continued

APR. 7, 1976
1115 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2400 DEPTH (FT) 100

ORGANISM_NAME	COMMON_NAME	COUNT
ARTHROPODA		
..INSECTA		
...TRICHOPTERA	CADDIS FLIES	
...HYDROPSYCHIDAE		
....HYDROPSYCHE		1
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		11
..GASTROPODA	SNAILS	
...MESOGASTROPODA		
...HYDROBIIDAE		
....SOMATOGYRUS		1

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:
 PHYL/DIV 0.391
 CLASS 0.773
 ORDER 0.773
 FAMILY 0.773
 GENERA 0.773

APR. 7, 1976
1116 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2400 DEPTH (FT) 100

ORGANISM_NAME	COMMON_NAME	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		14

APR. 7, 1976
1117 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2400 DEPTH (FT) 100

ORGANISM_NAME	COMMON_NAME	COUNT
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
....UNKNOWN GENUS		1

JUNE 4, 1976
1000 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 50 DEPTH (FT) 4

ORGANISM_NAME	COMMON_NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		39

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING FERRY, LA--Continued

JUNE 4, 1976
1001 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 50 DEPTH (FT) 4

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
.OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		28

JUNE 4, 1976
1002 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 50 DEPTH (FT) 4

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
.OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....LIMNODRILUS		7
....UNKNOWN GENUS		118
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
GENERA 0.311		

JUNE 4, 1976
1005 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 800 DEPTH (FT) 53

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
.OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		2
MOLLUSCA		
.BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		5
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.863		
CLASS 0.863		
ORDER 0.863		
FAMILY 0.863		
GENERA 0.863		

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING FERRY, LA--Continued

JUNE 4, 1976
1006 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 800 DEPTH (FT) 53

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		1
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		1
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 1.000		
CLASS 1.000		
ORDER 1.000		
FAMILY 1.000		
GENERA 1.000		

JUNE 4, 1976
1007 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 800 DEPTH (FT) 53

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
...PARATENDIPES		1
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		2
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.918		
CLASS 0.918		
ORDER 0.918		
FAMILY 0.918		
GENERA 0.918		

JUNE 4, 1976
1010 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1600 DEPTH (FT) 82

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
...TUBIFICIDAE		
....BRANCHIURA		2
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
....CRYPTOCHIRONOMUS		2
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 1.000		
CLASS 1.000		
ORDER 1.000		
FAMILY 1.000		
GENERA 1.000		

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING FERRY, LA--Continued

JUNE 4, 1976
1011 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1600 DEPTH (FT) 82

ORGANISM_NAME	COMMON_NAME	COUNT
ANNELIDA		
.OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		2
MOLLUSCA		
.BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		2
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 1.000		
CLASS 1.000		
ORDER 1.000		
FAMILY 1.000		
GENERA 1.000		

JUNE 4, 1976
1012 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1600 DEPTH (FT) 82

ORGANISM_NAME	COMMON_NAME	COUNT
ANNELIDA		
.OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....BRANCHIURA		1
....UNKNOWN GENUS		1
MOLLUSCA		
.BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		1
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.918		
CLASS 0.918		
ORDER 0.918		
FAMILY 0.918		
GENERA 1.585		

JUNE 4, 1976
1015 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2400 DEPTH (FT) 95

- - - NO ORGANISMS REPORTED - - -

JUNE 4, 1976
1016 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2400 DEPTH (FT) 95

ORGANISM_NAME	COMMON_NAME	COUNT
MOLLUSCA		
.BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		2

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING FERRY, LA--Continued

JUNE 4, 1976
1017 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2400 DEPTH (FT) 95

ORGANISM NAME	COMMON NAME	COUNT
ARTHROPODA		
INSECTA		
DIPTERA		
CHIRONOMIDAE	MIDGES	
PARATENDIPES		1
MOLLUSCA		
BIVALVIA	BIVALVES	
NUCULOIDEA		
CORBICULIDAE		
CORBICULA		7
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.544		
CLASS 0.544		
ORDER 0.544		
FAMILY 0.544		
GENERA 0.544		

JUNE 4, 1976
1020 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2680 DEPTH (FT) 20

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
OLIGOCHAETA	AQUATIC EARTHWORMS	
PLESIOPORA		
TUBIFICIDAE		
UNKNOWN GENUS		14
MOLLUSCA		
BIVALVIA	BIVALVES	
NUCULOIDEA		
CORBICULIDAE		
CORBICULA		2
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.544		
CLASS 0.544		
ORDER 0.544		
FAMILY 0.544		
GENERA 0.544		

AUG. 18, 1976
0000 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 50 DEPTH (FT) 1

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
OLIGOCHAETA	AQUATIC EARTHWORMS	
PLESIOPORA		
TUBIFICIDAE		
UNKNOWN GENUS		12

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING FERRY, LA--Continued

AUG. 18, 1976
0801 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 50 DEPTH (FT) 1

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....LIMNODRILUS		1
....UNKNOWN GENUS		70
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
GENERA 0.107		

AUG. 18, 1976
0802 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 50 DEPTH (FT) 1

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		16

AUG. 18, 1976
0805 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 800 DEPTH (FT) 48

ORGANISM NAME	COMMON NAME	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
....CORBICULIDAE		
....CORBICULA		117

AUG. 18, 1976
0806 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 800 DEPTH (FT) 48

ORGANISM NAME	COMMON NAME	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
....CORBICULIDAE		
....CORBICULA		65

AUG. 18, 1976
0807 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 800 DEPTH (FT) 54

ORGANISM NAME	COMMON NAME	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
....CORBICULIDAE		
....CORBICULA		16

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING FERRY, LA--Continued

AUG. 18, 1976
0810 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1600 DEPTH (FT) 78

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
....PARALAUTERBORNIELLA		2
MOLLUSCA		
..BIVALVIA	BIVALVES	
...MUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		1
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.918		
CLASS 0.918		
ORDER 0.918		
FAMILY 0.918		
GENERA 0.918		

AUG. 18, 1976
0811 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1600 DEPTH (FT) 78

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
...MUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		2

AUG. 18, 1976
0812 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1600 DEPTH (FT) 80

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
....PARALAUTERBORNIELLA		2
MOLLUSCA		
..BIVALVIA	BIVALVES	
...MUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		18
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.469		
CLASS 0.469		
ORDER 0.469		
FAMILY 0.469		
GENERA 0.469		

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING FERRY, LA--Continued

AUG. 18, 1976
0815 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT)	2400	DEPTH (FT)	100
ORGANISM NAME	COMMON NAME	COUNT	
ANNELIDA			
..OLIGOCHAETA	AQUATIC EARTHWORMS		
...PLESIPODA			
...TUBIFICIDAE			
....LIMNODRILUS		1	
....UNKNOWN GENUS		6	
ARTHROPODA			
..CRUSTACEA			
...AMPHIPODA	SCUDS		
...GAMMARIDAE			
...GAMMARUS		1	
CNIDARIA	CNIDARIANS		
..HYDROZOA			
..HYDROIDA			
...CLAVIDAE			
...CORDYLOPHORA		1	
MOLLUSCA			
..BIVALVIA	BIVALVES		
..NUCULOIDEA			
...CORBICULIDAE			
....CORBICULA		100	
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:			
PHYL/DIV 0.493			

AUG. 18, 1976
0816 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT)	2400	DEPTH (FT)	83
ORGANISM NAME	COMMON NAME	COUNT	
CNIDARIA	CNIDARIANS		
..HYDROZOA			
..HYDROIDA			
...CLAVIDAE			
...CORDYLOPHORA		1	
MOLLUSCA			
..BIVALVIA	BIVALVES		
..NUCULOIDEA			
...CORBICULIDAE			
....CORBICULA		90	
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:			
PHYL/DIV 0.087			

AUG. 18, 1976
0817 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT)	2400	DEPTH (FT)	84
ORGANISM NAME	COMMON NAME	COUNT	
ARTHROPODA			
..INSECTA			
...DIPTERA			
...CHIRONOMIDAE	MIDGES		
....PROCLADUS		1	
CNIDARIA	CNIDARIANS		
..HYDROZOA			
..HYDROIDA			
...CLAVIDAE			
...CORDYLOPHORA		1	
MOLLUSCA			
..BIVALVIA	BIVALVES		
..NUCULOIDEA			
...CORBICULIDAE			
....CORBICULA		93	
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:			
PHYL/DIV 0.168			

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING FERRY, LA--Continued

AUG. 18, 1976
0820 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2680 DEPTH (FT) 23

ORGANISM_NAME	COMMON_NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		1
ARTHROPODA		
..INSECTA		
..DIPTERA		
...CHIRONOMIDAE	MIDGES	
....COELOTANYPUS		1
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 1.000		
CLASS 1.000		
ORDER 1.000		
FAMILY 1.000		
GENERA 1.000		

AUG. 18, 1976
0821 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2680 DEPTH (FT) 22

ORGANISM_NAME	COMMON_NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....LIMNODRILUS		1
....UNKNOWN GENUS		9
MOLLUSCA		
..GASTROPODA	SNAILS	
...MESOGASTROPODA		
...HYDROBIIDAE		
....SOMATOGYRUS		1
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.439		
CLASS 0.439		
ORDER 0.439		
FAMILY 0.439		
GENERA 0.866		

AUG. 18, 1976
0822 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2680 DEPTH (FT) 23

ORGANISM_NAME	COMMON_NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....LIMNODRILUS		5
....UNKNOWN GENUS		119
CNIDARIA	CNIDARIANS	
..HYDROZOA		
...HYDROIDA		
...CLAVIDAE		
....CORDYLOPHORA		1
MOLLUSCA		
..BIVALVIA	BIVALVES	
...MUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		3
..GASTROPODA	SNAILS	
...MESOGASTROPODA		
...HYDROBIIDAE		
....SOMATOGYRUS		1
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.443		

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA
(National stream-quality accounting network station)

LOCATION.--Lat 29°57'03", long 90°08'17", Jefferson-Orleans Parish line, at Carrollton Street Municipal Water Plant intakes, at river mile 103.8.

DRAINAGE AREA.--1,243,600 mi² (3,220,900 km²), arbitrarily determined.

PERIOD OF RECORD.--Water years 1905-06, 1951-52, 1954-55, 1967-76.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: August 1954 to September 1955, October 1968 to current year.

WATER TEMPERATURES: August 1954 to September 1955, November 1970 to current year.

DISSOLVED OXYGEN: October 1968 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1968.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 630 micromhos Sept. 20, 1969; minimum, 200 micromhos May 1, 1975.

WATER TEMPERATURES: Maximum, 31.0°C Aug. 16-20, 22-25, 1955, July 29-Aug. 3, 1973; minimum, 4.5°C Jan. 29, 30, 1955.

DISSOLVED OXYGEN: Maximum, 13.9 mg/L Feb. 23, 24, 1976; minimum, 3.8 mg/L July 23, Aug. 1, 1969.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: 531 micromhos Aug. 29, minimum, 246 micromhos Oct. 22.

WATER TEMPERATURES: Maximum, 30.5°C July 31-Aug. 2; minimum, 5.0°C Jan. 10-12, 28.

DISSOLVED OXYGEN: Maximum, 13.9 mg/L Feb. 23, 24; minimum, 4.5 mg/L Aug. 27.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED SILICA (SiO ₂) (MG/L)	DIS- SOLVED CAL- CIUM (Ca) (MG/L)	DIS- SOLVED MAG- NE- SIUM (Mg) (MG/L)	DIS- SOLVED SODIUM (Na) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO ₃) (MG/L)	CAR- BONATE (CO ₃) (MG/L)	ALKA- LITY AS CACO ₃ (MG/L)	DIS- SOLVED SULFATE (SO ₄) (MG/L)	DIS- SOLVED CHLO- RIDE (Cl) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)
OCT. 16...	1900	6.1	45	13	28	3.2	106	0	87	88	28	.6
NOV. 19...	1300	6.4	44	12	25	3.3	122	0	100	68	21	.8
DEC. 09...	1330	5.8	42	13	25	3.0	138	0	113	61	21	.6
JAN. 13...	1500	6.4	36	10	16	2.6	110	0	90	47	19	.5
FEB. 04...	1900	6.6	38	9.7	15	2.4	116	0	95	47	19	.4
MAR. 11...	1600	6.4	34	9.5	13	2.5	94	0	77	43	16	.3
APR. 08...	1000	6.3	35	10	15	2.6	104	0	85	48	18	.5
MAY 13...	1630	7.5	36	11	16	2.8	120	0	98	43	16	.6
JUNE 04...	1615	5.5	42	13	21	2.8	136	0	112	53	21	.3
JULY 14...	1600	4.9	37	11	27	3.0	111	0	91	53	32	.5
AUG. 18...	1930	.8	42	14	28	3.2	134	0	110	67	30	.7
SEP. 01...	1115	1.7	45	14	29	3.3	144	0	118	65	33	.5

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL AMMONIA NITRO- GEN (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	SUS- PENDED SOLIDS (MG/L)	HARD- NESS (CA,MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	PERCENT SODIUM
OCT. 16...	1.1	.00	1.1	.04	.48	.16	258	264	23	170	83	26
NOV. 19...	.69	.00	.69	.04	.52	.22	237	241	42	160	59	25
DEC. 09...	.69	.01	.70	.06	.50	.16	224	239	44	160	45	25
JAN. 13...	1.2	.05	1.2	.08	.58	.33	192	192	222	130	41	21
FEB. 04...	1.1	.04	1.1	.12	.78	.27	210	195	69	130	40	19
MAR. 11...	1.6	.01	1.6	.00	.62	.23	170	171	141	120	47	18
APR. 08...	1.5	.01	1.5	.02	.69	.32	170	187	128	130	43	20
MAY 13...	1.7	.09	1.8	.07	1.3	.43	196	192	414	140	37	20
JUNE 04...	--	--	1.8	--	.65	.20	242	226	--	160	47	22
JULY 14...	--	--	1.4	--	.52	.23	228	223	--	140	47	29
AUG. 18...	--	--	.63	--	.58	.21	270	252	--	160	53	27
SEP. 01...	--	--	.64	--	.44	.12	270	263	--	170	52	27

DATE	SODIUM AD- SORP- TION RATIO	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	TOTAL PHYTO- PLANK- TON (CELLS PER ML)	FECAL COLI- FORM (COL. PER 100 ML)	STREP- TOCOCCI (COL- ONIES PER 100 ML)
OCT. 16...	.9	454	7.8	21.5	5	15	1.0	2.7	850	180	2300
NOV. 19...	.9	420	7.8	16.5	5	25	1.8	3.1	650	210	330
DEC. 09...	.9	441	7.9	10.5	10	30	--	2.8	480	<5	560
JAN. 13...	.6	340	6.9	6.5	10	80	5.7	22	1500	--	--
FEB. 04...	.6	341	8.1	7.0	25	60	3.6	1.5	1500	130	220
MAR. 11...	.5	309	8.1	13.0	40	65	3.1	1.2	1100	--	450
APR. 08...	.6	328	8.2	15.5	5	110	1.0	1.1	970	--	350
MAY 13...	.6	347	8.2	18.5	20	85	1.6	1.2	2100	220	2400
JUNE 04...	.7	419	7.9	--	5	30	.7	2.7	1300	200	950
JULY 14...	1.0	404	7.9	27.5	5	60	.0	2.2	1100	<5	--
AUG. 18...	1.0	472	7.8	28.5	5	8	.4	3.4	4100	--	30
SEP. 01...	1.0	481	8.0	28.5	30	2	1.7	2.3	2100	--	690

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)
OCT. 16...	.00	.0	.00	.00	.00	.06	.00	.00	.00	.00	.00	.00
JAN. 13...	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
FEB. 04...	--	--	--	--	--	--	--	--	--	--	--	--
APR. 08...	.00	.0	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00
JULY 14...	.00	.0	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00

DATE	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)
OCT. 16...	.00	.00	.00	.00	.0	.00	0	.00	.00	.00	.00	1
JAN. 13...	.00	.00	.00	.00	.0	.00	0	.00	.00	.00	.00	4
FEB. 04...	--	--	--	--	--	--	--	--	--	--	--	--
APR. 08...	.00	.00	.00	.00	.0	.00	0	.00	.05	.00	.00	--
JULY 14...	.00	.00	.00	.00	.0	.00	0	.00	.00	.04	.00	3

DATE	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COBALT (CO) (UG/L)	DIS- SOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL IRON (FE) (UG/L)	DIS- SOLVED IRON (FE) (UG/L)
OCT. 16...	1	0	0	0	0	0	0	0	3	1	780	0
JAN. 13...	1	0	0	10	0	0	4	0	13	3	7200	0
FEB. 04...	--	--	0	--	0	--	--	0	--	5	--	--
APR. 08...	--	--	--	--	--	--	--	--	26	7	--	--
JULY 14...	2	0	0	20	0	--	1	0	8	4	5400	10

DATE	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MAN- GANESE (MN) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL SELE- NIUM (SE) (UG/L)	DIS- SOLVED SELE- NIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT. 16...	2	0	70	20	.0	.0	--	--	0	0	20	0
JAN. 13...	13	0	320	10	.3	.1	15	0	1	0	60	50
FEB. 04...	--	2	--	40	--	--	--	1	--	--	--	20
APR. 08...	--	--	--	--	--	--	9	0	--	--	--	--
JULY 14...	7	0	210	0	.0	.0	--	--	1	1	40	20

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L)	SUS- PENDED GROSS ALPHA AS U-NAT. (UG/L)	DIS- SOLVED GROSS BETA AS CS-137 (PC/L)	SUS- PENDED GROSS BETA AS CS-137 (PC/L)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L)	SUS- PENDED GROSS BETA AS SR90 /Y90 (PC/L)	DIS- SOLVED RA-226 (RADON METHOD) (PC/L)	DIS- SOLVED URANIUM (DIRECT FLUORO- METRIC) (PC/L)
MAY 13...	4.6	31	6.2	16	5.1	12	.07	1.3
JULY 14...	7.8	8.2	5.9	6.2	4.9	4.9	.13	.5

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA --Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	443	435	413	380	417	410	397	390	354	345	368	334
2	443	438	379	363	412	400	391	380	357	350	346	332
3	450	404	362	351	410	398	387	380	365	357	336	329
4	452	445	355	348	423	410	384	381	371	358	335	332
5	452	437	376	357	432	424	381	300	375	366	338	334
6	457	408	384	378	430	426	382	373	374	365	348	344
7	460	451	389	382	432	421	426	381	377	370	344	339
8	451	428	392	380	438	432	384	300	372	361	339	299
9	432	404	392	388	434	429	379	357	360	345	336	333
10	401	395	398	390	429	421	360	355	348	344	338	332
11	424	403	390	382	426	419	355	343	350	345	336	334
12	446	421	383	376	424	415	345	343	348	341	337	331
13	456	450	376	367	421	414	---	---	353	343	333	330
14	453	442	388	372	423	410	---	---	357	350	336	332
15	455	447	400	386	415	410	---	---	359	355	336	333
16	460	453	404	399	418	410	---	---	369	359	341	334
17	461	458	412	402	410	399	---	---	379	369	358	341
18	461	454	424	410	405	387	---	---	383	374	356	344
19	461	454	429	424	392	382	---	---	398	382	342	324
20	463	458	432	428	387	373	---	---	393	390	323	307
21	463	458	430	424	373	366	---	---	401	389	307	300
22	459	446	433	428	370	367	---	---	407	400	307	304
23	444	434	436	432	379	367	---	---	408	400	304	300
24	443	435	447	438	388	379	---	---	406	390	313	300
25	444	439	438	427	393	389	---	---	393	388	316	300
26	439	431	429	420	397	390	---	---	395	390	317	310
27	432	428	420	414	398	390	---	---	393	380	323	315
28	427	420	427	418	401	390	345	341	398	390	341	322
29	426	420	436	426	398	390	347	341	396	368	349	342
30	429	420	429	416	392	386	350	342	---	---	355	349
31	424	414	---	---	392	380	349	341	---	---	367	353

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	373	366	458	440	393	380	423	414	446	437	---	---
2	375	370	460	452	391	371	417	409	458	443	498	494
3	371	350	456	436	408	390	427	409	465	459	507	492
4	354	345	438	430	408	405	446	424	485	469	491	479
5	351	338	437	431	408	398	452	446	490	480	488	475
6	361	338	455	436	409	397	449	440	484	470	497	482
7	354	347	455	445	409	396	441	422	481	400	490	472
8	348	339	455	449	418	404	425	404	479	474	469	459
9	344	340	450	435	433	417	406	385	480	400	467	456
10	347	344	434	414	436	424	389	384	472	460	469	460
11	345	336	413	390	444	431	385	380	477	471	468	458
12	338	332	390	300	455	440	400	388	479	461	481	394
13	333	326	367	357	462	436	414	400	464	454	495	481
14	329	326	361	357	459	435	415	409	471	461	495	480
15	333	329	358	355	451	434	420	410	481	467	480	466
16	335	331	358	354	431	423	438	420	495	482	467	459
17	342	332	364	358	423	415	456	438	497	485	463	452
18	342	338	368	360	415	401	456	451	508	497	455	440
19	347	341	374	368	403	390	454	450	515	506	---	---
20	356	347	385	326	405	389	453	440	514	500	---	---
21	364	355	399	383	417	405	441	426	512	500	---	---
22	378	364	400	395	415	411	434	419	508	496	---	---
23	384	375	402	396	409	401	418	411	497	490	---	---
24	391	380	406	395	405	400	413	407	497	487	---	---
25	402	340	411	403	420	401	420	415	503	480	---	---
26	405	400	419	399	419	413	430	418	508	500	---	---
27	408	401	424	416	417	414	430	425	512	500	473	465
28	419	400	422	414	422	415	439	429	520	510	471	464
29	432	419	412	396	434	419	444	433	531	519	464	462
30	443	432	398	385	433	420	433	420	---	---	474	464
31	---	---	386	378	---	---	435	426	---	---	---	---

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA --Continued

DISSOLVED OXYGEN (DO)* MG/L* WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	8.3	7.9	9.8	9.4	11.4	10.4	12.0	11.4	---	---
2	---	---	8.4	8.0	9.9	9.2	11.0	10.2	12.3	11.3	---	---
3	---	---	8.3	7.9	9.7	8.9	11.9	10.6	12.0	10.7	---	---
4	---	---	8.4	8.2	---	---	12.2	11.0	11.6	10.7	---	---
5	---	---	8.5	8.1	---	---	12.3	11.6	11.9	11.1	9.7	9.6
6	---	---	8.5	8.1	9.1	8.6	11.8	10.3	12.6	11.6	9.7	9.5
7	---	---	8.6	7.8	9.4	9.1	10.9	9.6	13.2	12.5	9.7	9.4
8	---	---	8.5	8.1	9.6	9.4	11.9	10.8	13.2	11.9	9.5	9.2
9	---	---	8.6	8.2	9.9	9.3	---	---	13.2	11.8	9.5	9.1
10	---	---	8.5	8.1	10.0	9.2	---	---	12.9	11.7	---	---
11	---	---	8.6	8.2	10.0	8.9	---	---	12.6	11.2	---	---
12	---	---	8.8	8.4	9.6	8.9	---	---	12.6	11.2	---	---
13	---	---	9.1	8.8	9.2	8.6	---	---	12.8	11.5	---	---
14	---	---	9.2	8.8	9.2	8.7	---	---	13.0	11.5	---	---
15	---	---	9.3	8.6	9.3	8.9	---	---	12.7	11.6	---	---
16	---	---	9.0	8.4	9.7	9.4	---	---	12.4	11.1	---	---
17	---	---	9.0	8.5	10.2	9.7	---	---	12.5	12.0	9.3	8.6
18	---	---	8.9	8.6	10.8	10.2	---	---	12.8	11.7	9.4	8.3
19	---	---	8.9	8.5	11.1	9.6	---	---	13.3	11.7	8.9	8.3
20	---	---	9.3	8.8	10.5	9.7	---	---	12.9	11.8	8.6	8.2
21	---	---	9.5	9.0	10.5	10.0	---	---	12.9	12.1	9.1	8.5
22	---	---	9.8	9.3	10.9	10.2	---	---	13.6	13.0	9.3	9.0
23	7.7	6.9	9.9	9.6	10.7	10.1	---	---	13.9	12.5	9.4	8.6
24	7.5	7.0	10.0	9.2	10.8	10.2	---	---	13.9	12.2	9.4	8.7
25	7.7	7.0	9.8	9.1	11.0	10.3	---	---	11.3	12.4	9.4	9.3
26	7.9	7.7	9.9	9.1	11.2	11.0	---	---	---	---	9.4	9.3
27	7.9	7.4	9.8	9.4	11.4	10.5	---	---	---	---	9.4	9.0
28	7.8	7.3	9.7	9.2	11.3	10.4	12.4	11.1	---	---	9.3	9.2
29	7.9	7.1	9.2	8.7	10.9	10.7	12.3	9.9	---	---	9.3	9.2
30	8.1	7.5	9.6	8.6	11.3	11.0	12.3	10.9	---	---	9.3	9.2
31	8.4	7.7	---	---	11.5	10.7	12.1	11.2	---	---	9.3	9.1
DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	9.3	9.2	8.0	7.7	7.6	7.5	6.5	6.3	6.7	6.5	---	---
2	9.2	9.0	7.7	7.5	7.6	7.5	6.3	6.2	6.6	6.4	7.3	6.8
3	9.1	8.7	7.7	7.5	7.6	7.5	6.3	6.2	6.3	6.2	7.6	6.9
4	8.8	8.7	7.9	7.7	7.5	7.4	6.1	5.9	6.3	6.1	7.6	7.3
5	8.9	8.5	8.0	7.9	7.4	7.3	5.9	4.5	6.6	6.3	7.5	6.9
6	8.6	8.4	8.1	7.9	7.4	7.2	5.7	5.4	6.9	6.5	7.5	6.8
7	8.4	8.3	8.1	8.0	7.3	7.2	5.4	5.1	6.8	6.6	7.1	6.5
8	8.3	8.2	8.1	8.0	7.3	7.2	5.3	5.2	6.7	6.5	7.1	6.4
9	8.4	8.3	8.0	8.0	7.3	6.0	5.3	5.1	6.8	6.6	6.8	6.2
10	8.4	8.2	8.2	7.9	7.2	7.1	6.0	5.2	7.1	6.8	6.9	6.7
11	8.4	8.2	8.2	8.1	7.2	7.1	6.0	5.9	7.2	6.9	7.1	6.8
12	8.3	8.2	8.1	7.9	7.2	7.1	6.0	5.8	6.9	6.8	7.2	6.8
13	8.3	8.2	8.0	7.9	7.2	7.1	6.0	5.8	6.9	6.8	7.5	7.0
14	8.3	8.2	8.2	7.8	7.3	7.2	5.9	5.8	6.8	6.7	7.7	7.2
15	8.3	8.3	8.2	8.1	7.2	7.1	5.9	5.7	6.8	6.6	7.8	7.0
16	8.5	8.1	8.2	8.2	7.1	7.0	5.9	5.7	6.7	6.0	7.7	7.1
17	8.5	8.4	8.3	8.2	7.1	6.8	5.9	5.8	7.0	6.6	7.7	6.9
18	8.6	8.5	8.4	8.3	6.9	6.7	5.8	5.7	7.0	6.7	7.6	6.9
19	8.6	8.5	8.4	8.3	6.8	6.6	5.8	4.5	6.9	6.6	---	---
20	8.5	8.4	8.4	8.3	6.7	6.6	5.9	5.8	6.9	6.5	---	---
21	8.4	8.2	8.2	8.2	6.7	6.6	6.0	4.5	7.0	6.6	---	---
22	8.3	8.1	8.2	8.1	6.7	6.6	6.1	5.9	6.9	6.6	---	---
23	8.2	8.1	8.1	8.0	6.6	6.5	6.1	5.9	6.9	6.5	---	---
24	8.3	8.1	8.0	7.8	6.6	6.5	6.1	5.9	6.9	6.2	---	---
25	8.2	8.2	7.9	7.7	6.6	6.3	6.1	4.8	6.6	5.9	---	---
26	8.2	7.5	7.8	7.7	6.4	6.3	6.1	5.9	6.5	5.9	---	---
27	8.2	8.1	7.7	7.5	6.4	6.3	6.2	6.1	5.9	4.5	6.7	6.3
28	8.1	7.5	7.7	7.6	6.5	6.3	6.6	6.3	5.7	5.1	6.8	6.6
29	8.1	8.0	7.7	7.5	6.6	6.4	6.6	6.4	5.7	5.3	7.0	6.7
30	8.0	8.0	7.5	7.4	6.6	6.5	6.9	6.5	---	---	7.1	6.5
31	---	---	7.5	7.5	---	---	6.8	6.5	---	---	---	---

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA --Continued

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	22.5	22.0	18.5	18.5	12.0	12.0	6.5	6.5	6.0	5.5	---	---
2	22.0	22.0	18.5	18.5	12.0	11.5	6.5	6.5	6.0	6.0	---	---
3	22.0	21.0	18.5	18.0	11.5	11.5	7.0	6.5	6.0	6.0	---	---
4	21.5	21.0	18.5	18.0	---	---	6.5	6.5	6.0	6.0	---	---
5	21.0	20.5	18.5	18.0	---	---	6.5	6.5	6.5	6.5	13.0	13.0
6	21.0	20.0	18.0	18.0	11.0	11.0	6.5	6.0	6.5	6.5	13.5	13.0
7	20.5	20.5	18.0	17.5	11.0	11.0	6.5	6.0	7.0	6.5	13.5	13.5
8	20.5	20.0	18.0	17.5	11.0	11.0	6.5	6.0	6.5	6.5	13.5	13.5
9	20.0	19.5	18.0	18.0	11.0	10.5	6.0	5.5	6.5	6.5	13.5	13.0
10	20.0	19.5	18.0	17.5	10.5	10.5	5.5	5.0	6.5	6.5	13.5	13.5
11	20.0	19.5	18.0	18.0	10.5	10.5	5.0	5.0	6.5	6.0	14.0	13.5
12	19.5	19.5	18.0	18.0	10.5	10.5	5.0	5.0	6.5	6.5	14.0	13.5
13	20.0	19.5	18.0	17.5	10.5	10.0	---	---	6.5	6.0	14.0	14.0
14	20.0	19.5	18.0	17.5	10.0	10.0	---	---	5.5	6.0	14.0	14.0
15	20.0	19.5	17.5	17.5	10.5	10.0	---	---	6.5	6.5	14.5	14.0
16	20.5	20.0	17.5	17.0	10.0	10.0	---	---	7.0	6.5	14.0	14.0
17	21.0	21.0	17.0	17.0	10.0	10.0	---	---	7.5	7.0	14.0	13.5
18	21.5	21.0	17.0	16.5	10.5	10.0	---	---	8.0	7.5	13.5	13.0
19	21.5	21.0	16.5	16.0	10.0	9.5	---	---	8.5	8.0	13.0	12.5
20	21.5	21.0	16.5	16.0	10.0	9.5	---	---	9.0	8.5	13.0	12.5
21	21.0	21.0	16.0	15.5	9.5	9.0	---	---	9.5	9.0	13.0	13.0
22	21.0	21.0	15.5	15.0	9.5	9.0	---	---	10.0	9.5	13.0	13.0
23	21.0	20.5	15.5	15.0	9.0	8.5	---	---	10.0	10.0	13.0	12.5
24	20.5	20.5	15.0	14.5	8.5	8.5	---	---	10.5	10.0	13.5	13.0
25	20.5	20.5	14.5	14.0	8.5	8.0	---	---	10.5	10.5	14.0	13.5
26	20.5	20.5	14.0	13.5	8.0	7.5	---	---	---	---	14.0	13.5
27	20.5	20.0	13.5	13.0	7.5	7.0	---	---	---	---	14.0	13.5
28	20.5	19.5	13.0	12.5	7.0	7.0	5.5	5.0	---	---	14.0	14.0
29	20.0	19.0	12.5	12.0	7.0	7.0	5.5	5.5	---	---	14.5	14.0
30	19.5	19.0	12.0	12.0	7.0	7.0	5.5	5.5	---	---	14.5	14.0
31	19.0	18.5	---	---	7.0	6.5	6.0	5.5	---	---	14.5	14.0

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	14.0	14.0	20.0	19.5	22.0	22.0	27.5	27.0	30.5	30.0	---	---
2	14.5	14.0	20.0	19.5	22.0	22.0	27.5	27.0	30.5	30.0	29.0	25.0
3	14.5	14.0	19.5	19.5	22.5	22.0	27.5	27.0	30.0	30.0	29.0	25.0
4	15.0	14.5	19.5	19.5	22.0	22.0	27.0	27.0	30.0	30.0	29.0	25.0
5	15.0	15.0	19.5	19.0	22.5	22.0	27.5	25.0	30.0	30.0	29.0	28.5
6	15.5	15.0	19.0	19.0	23.0	22.5	27.0	27.0	30.0	30.0	28.5	28.5
7	15.5	15.0	18.0	18.5	23.0	22.5	27.5	27.0	30.0	29.5	28.5	28.5
8	15.5	15.5	19.0	18.5	23.5	23.0	27.5	25.5	30.0	29.5	28.5	28.0
9	16.0	15.5	18.5	18.5	24.0	23.5	27.5	25.5	29.5	29.5	28.5	28.5
10	16.0	16.0	18.5	18.0	24.5	24.0	27.5	27.0	29.5	29.0	28.5	28.0
11	16.0	16.0	18.0	18.0	24.5	24.0	27.5	25.5	29.5	29.0	28.5	28.0
12	16.5	16.0	18.0	18.0	25.0	24.5	28.0	27.5	29.0	25.0	28.0	27.5
13	16.5	16.5	18.0	17.5	25.0	24.5	28.0	28.0	29.0	28.5	27.5	27.5
14	16.5	16.5	17.5	17.5	25.0	24.5	28.5	28.0	29.0	28.5	27.5	27.5
15	17.0	16.5	18.0	17.5	25.0	24.5	28.5	27.5	29.0	28.0	27.5	27.0
16	17.0	17.0	18.0	17.5	25.0	25.0	29.0	28.5	29.0	25.0	27.5	27.0
17	17.0	17.0	18.5	18.0	25.5	25.0	29.0	28.5	29.0	25.0	27.5	27.0
18	17.5	17.0	18.5	18.5	25.5	25.0	29.0	28.5	29.0	29.0	27.0	26.5
19	17.5	17.5	19.0	18.5	26.0	25.5	29.0	29.0	29.0	28.5	---	---
20	18.0	17.5	19.5	18.5	26.0	26.0	29.0	29.0	28.5	28.5	---	---
21	18.0	18.0	19.5	19.5	26.5	26.0	29.0	25.0	28.5	28.5	---	---
22	18.5	18.0	19.5	19.5	26.5	26.5	29.0	25.0	28.5	28.5	---	---
23	18.5	18.5	20.0	19.5	26.5	26.5	29.5	29.0	29.0	28.5	---	---
24	19.0	18.5	20.5	20.0	26.5	26.5	29.5	29.0	29.0	28.5	---	---
25	19.0	19.0	20.5	20.0	26.5	26.5	29.5	29.5	29.0	25.0	---	---
26	19.5	19.0	21.0	20.5	27.0	24.5	30.0	29.0	29.0	25.0	---	---
27	19.5	19.0	21.0	21.0	27.0	26.5	30.0	29.5	29.0	28.5	26.5	26.0
28	19.5	19.5	21.0	21.0	27.0	27.0	30.0	29.5	28.5	28.5	26.5	26.0
29	20.0	19.5	21.5	21.0	27.5	27.0	30.0	30.0	28.5	28.5	26.5	26.0
30	20.0	19.5	22.0	21.5	27.5	27.0	30.0	29.5	---	---	26.0	26.0
31	---	---	22.0	22.0	---	---	30.5	30.0	---	---	---	---

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA --Continued

OCT. 16, 1975
1900 HOURS

IDENTIFICATION OF PHYTOPLANKTON

850 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...SCENEDESMACEAE			
LSCENEDESMUS			0
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
DCYCLOTELLA		640	75
....MELOSIRA		110	12
..PENNALES	PENNATE		
...NAVICULACEAE	NAVICULOID		
LNAVICULA			0
...NITZSCHIACEAE			
....NITZSCHIA		53	6
...SURIRELLACEAE			
....SURIRELLA		53	6
EUGLENOPHYTA	EUGLENOIDS		
..EUGLENOPHYCEAE			
..EUGLENALES			
...EUGLENACEAE			
LTRACHELOMONAS			0

NOV. 19, 1975
1300 HOURS

IDENTIFICATION OF PHYTOPLANKTON

650 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
....ANKISTRODESMUS		43	7
LDICTYOSPHAERIUM			0
....OCCYSTIS		43	7
...SCENEDESMACEAE			
LACTINASTRUM			0
DSCENEDESMUS		170	27
..VOLVOCALES			
...CHLAMYDOMONADACEAE			
LCHLAMYDOMONAS			0
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
DCYCLOTELLA		130	20
DMELOSIRA		130	20
..PENNALES	PENNATE		
...NAVICULACEAE	NAVICULOID		
....NAVICULA		43	7
...NITZSCHIACEAE			
....NITZSCHIA		87	13

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA --Continued

DEC. 9, 1975

1330 HOURS

IDENTIFICATION OF PHYTOPLANKTON

480 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
...CHLOROCOCCALES			
...SCENEDESMACEAE			
LCRUCIGENIA			0
LSCENEDESMUS			0
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCAEAE			
...CYCLOTELLA		53	11
DMELOSIRA		370	78
..PENNALES	PENNATE		
...NITZSCHIAEAE			
...NITZSCHIA		53	11
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
...OSCILLATORIALES	FILAMENTOUS		
...OSCILLATORIAEAE			
LOSCILLATORIA			0

JAN. 13, 1976

1500 HOURS

IDENTIFICATION OF PHYTOPLANKTON

1,500 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCAEAE			
DCYCLOTELLA		400	27
DMELOSIRA		670	45
..PENNALES	PENNATE		
...CYMBELLACEAE			
...CYMBELLA		130	9
...DIATOMACEAE			
LDIATOMA			0
...FRAGILARIACEAE			
LASTEPIOVELLA			0
...NAVICULACEAE	NAVICULOID		
...NAVICULA		130	9
...NITZSCHIAEAE			
...NITZSCHIA		130	9
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
...OSCILLATORIALES	FILAMENTOUS		
...OSCILLATORIAEAE			
LOSCILLATORIA			0

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA --Continued

FER. 4, 1976
1900 HOURS

IDENTIFICATION OF PHYTOPLANKTON

1,500 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...SCENEDESMACEAE			
D ...SCENEDESMUS		250	17
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
D ...CYCLOTELLA		700	48
D ...MELOSIPIA		380	26
..PENNALES	PENNATE		
...DIATOMACEAE			
L ...DIATOMA			0
...FRAGILARIACEAE			
...SYNEURA		64	4
...GOMPHONEMACEAE			
...GOMPHONEMA		64	4
...NAVICULACEAE	NAVICULOID		
L ...NAVICULA			0

MAR. 11, 1976
1600 HOURS

IDENTIFICATION OF PHYTOPLANKTON

1,100 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
D ...DICTYOSPHAERIUM		170	16
...SCENEDESMACEAE			
L ...SCENEDESMUS			0
..VOLVOCALES			
...CHLAMYDOMONADACEAE			
...CHLAMYDOMONAS		25	2
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
D ...CYCLOTELLA		200	18
D ...MELOSIPIA		470	43
..PENNALES	PENNATE		
...FRAGILARIACEAE			
L ...ASTERIONELLA			0
...NAVICULACEAE	NAVICULOID		
...NAVICULA		100	9
...NITZSCHACEAE			
...NITZSCHIA		50	5
...SURIRELLACEAE			
...SURIRELLA		75	7

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA --Continued

APR. 3* 1976
1000 HOURS

IDENTIFICATION OF PHYTOPLANKTON

970 CELLS/ML

_ORGANISM__NAME_____	_COMMON__NAME_____	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
...CHLOROCOCCALES			
...CHARACIACEAE			
...SCHROEDERIA		26	3
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
...CYCLOTELLA		100	11
D ...MELOSIRA		780	81
..PENNALES	PENNATE		
...ACHNANTHACEAE			
...COCCONEIS		26	3
...NAVICULACEAE	NAVICULOID		
...NAVICULA		26	3

MAY 13* 1976
1630 HOURS

IDENTIFICATION OF PHYTOPLANKTON

2,100 CELLS/ML

_ORGANISM__NAME_____	_COMMON__NAME_____	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
...CHLOROCOCCALES			
...SCENEDESMACEAE			
D ...ACTINASTRUM		430	20
...SCENEDESMUS		110	5
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
...CYCLOTELLA		140	7
D ...MELOSIRA		450	21
..PENNALES	PENNATE		
...ACHNANTHACEAE			
...ACHNANTHES		28	1
...CYMBELLACEAE			
...CYMBELLA		28	1
...FRAGILARIACEAE			
D ...FRAGILARIA		790	37
...NAVICULACEAE	NAVICULOID		
L ...GYROSIGMA			0
...NAVICULA		45	4
...NITZSCHACEAE			
...NITZSCHIA		28	1
EUGLENOPHYTA	EUGLENOIDS		
..EUGLENOPHYCEAE			
...EUGLENALES			
...EUGLENACEAE			
L ...PHACUS			0
...TRACHELOMONAS		28	1

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA --Continued

JUNE 4, 1976
1615 HOURS

IDENTIFICATION OF PHYTOPLANKTON

1,300 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOKOCOCCELES			
...OCCYSTACEAE			
....KIRCHNERIELLA		17	1
...SCENEDESMACEAE			
DACTINASTRUM		280	22
....CHUCIGENIA		140	11
DSCENEDESMUS		520	41
CHRYSDOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
....CYCLOTELLA		52	4
DMELOSIHA		190	15
..PENNALES	PENNATE		
...NAVICULACEAE	NAVICULOID		
....NAVICULA		17	1
...NITZSCHACEAE			
....NITZSCHIA		69	5

JULY 14, 1976
1600 HOURS

IDENTIFICATION OF PHYTOPLANKTON

1,100 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOKOCOCCELES			
...OCCYSTACEAE			
....ANKISTRODESMUS		16	1
....NUCYSTIS		8	1
...SCENEDESMACEAE			
DSCENEDESMUS		190	18
....TETRASTRUM		31	3
..VOLVOCALES			
...CHLAMYDOMONADACEAE			
....CHLAMYDOMONAS		8	1
...PHACOTACEAE			
....PHACOTUS		8	1
CHRYSDOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
....CYCLOTELLA		130	13
DMELOSIHA		240	23
..PENNALES	PENNATE		
...FRAGILARIACEAE			
....FRAGILARIA		55	5
....SYNEURA		8	1
...NAVICULACEAE	NAVICULOID		
....GYRUSIGMA		8	1
...NITZSCHACEAE			
....NANTZSCHIA		8	1
....NITZSCHIA		16	1
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
...CHROOCOCCALES	COCROID		
....CHROOCOCCACEAE			
DGOMPHOSPHAERIA		220	21
...OSCILLATORIALES	FILAMENTOUS		
....NOSTOCACEAE			
....APHANIZOMENON		70	7
...OSCILLATORIA			
....OSCILLATORIA		23	2
...RIVULARIACEAE			
....RAPHIIDOPSIS		16	1

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA --Continued

AUG. 18, 1976
1930 HOURS

IDENTIFICATION OF PHYTOPLANKTON

4,100 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...COELASTHACEAE			
....COELASTRUM		170	4
....MICHACTINIACEAE			
DMICHACTINIUM		1,700	42
...OCCYSTACEAE			
DDICTYOSPHAERIUM		1,200	29
....KIRCHNERIELLA		43	1
....OUCYSTIS		170	4
...SCENEDESMACEAE			
....SCENEDESMUS		190	5
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
....CYCLOTELLA		260	6
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..CHROOCOCCALES	COCCOID		
...CHROOCOCCACEAE			
....ANACYSTIS		190	5
...OSCILLATORIALES	FILAMENTOUS		
...OSCILLATORIACEAE			
....OSCILLATORIA		130	3

SEP. 1, 1976
1115 HOURS

IDENTIFICATION OF PHYTOPLANKTON

2,100 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
....ANKISTHODESMUS		49	2
....KIRCHNERIELLA		24	1
...SCENEDESMACEAE			
....SCENEDESMUS		98	5
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
DCYCLOTELLA		340	17
DMELOSIIRA		1,400	68
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
...OSCILLATORIALES	FILAMENTOUS		
...OSCILLATORIACEAE			
....OSCILLATORIA		150	7

NOTE: D - DOMINANT ORGANISM; GREATER OR EQUAL TO 15%
 L - LESS THAN 1%; MAY NOT HAVE BEEN ACTUALLY COUNTED
 ANALYSIS METHOD: SEDGWICK-RAFTER CHAMBER, 200-X MICROSCOPE

MISSISSIPPI RIVER MAIN STEM

07374522 MISSISSIPPI RIVER AT VIOLET, LA

LOCATION.--Lat 29°52'52", long 89°54'02", T.14 S., R.13 E., St. Bernard Parish, 300 ft (91 m) from left bank at village of River Bend (river mile 82.5), 1.0 mi (1.6 km) south of Violet.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1973-76.

REMARKS.--Samples are collected at 2.0 ft (0.6 m) and at 50 ft (15 m) below water surface to June 1976. Since July 1976, all samples are 2.0 ft (0.6 m) below water surface.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DEPTH (FT)	DIS- SOLVED SILICA (SiO ₂) (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO ₃) (MG/L)	CAR- BONATE (CO ₃) (MG/L)	ALKA- LINITY AS CACO ₃ (MG/L)	DIS- SOLVED SULFATE (SO ₄) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)
OCT.												
16...	0940	2.0	6.0	46	13	31	3.3	105	0	86	89	34
16...	0945	50	6.0	46	13	29	3.4	115	0	94	81	30
NOV.												
19...	1030	2.0	6.4	42	12	28	3.4	128	0	105	65	27
19...	1035	50	6.4	42	12	27	3.3	128	0	105	65	26
DEC.												
11...	0905	2.0	5.7	45	13	24	3.0	136	0	112	62	20
11...	0910	50	5.9	45	13	24	2.9	136	0	112	65	20
JAN.												
13...	1100	2.0	6.4	36	11	17	2.6	112	0	92	48	20
13...	1110	50	6.3	34	9.6	16	2.5	111	0	91	49	20
FEB.												
25...	0930	2.0	7.2	37	11	19	2.3	117	0	96	47	21
25...	0935	50	7.1	38	11	18	2.3	116	0	95	48	20
MAR.												
12...	0905	2.0	6.5	30	9.6	13	2.4	95	0	78	44	16
12...	0910	50	6.6	33	9.6	13	2.5	95	0	78	44	16
APR.												
08...	1430	2.0	6.4	35	10	16	2.6	105	0	86	48	20
08...	1431	50	6.4	35	10	16	2.7	104	0	85	48	21
MAY												
19...	1210	2.0	--	38	12	--	--	122	0	100	41	22
19...	1215	50	--	38	12	--	--	122	0	100	41	19
JUNE												
05...	1100	2.0	--	42	13	--	--	136	0	112	55	23
05...	1110	50	--	43	13	--	--	136	0	112	55	24
JULY												
15...	0900	2.0	4.8	36	11	28	3.0	112	0	92	53	35
AUG.												
19...	0915	2.0	1.0	43	15	38	3.4	135	0	111	69	51
SEP.												
02...	1530	2.0	1.8	46	15	40	3.7	145	0	119	66	51

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374522 MISSISSIPPI RIVER AT VIOLET, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS- SOLVED FLUO- RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DIS- SOLVED SOLIDS (TONS PER AC-FT)	SUS- PENDED SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA, MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)
OCT.												
16...	.7	1.1	.00	--	.25	292	275	.40	27	--	170	84
16...	.6	1.1	.00	--	.26	270	265	.37	114	--	170	74
NOV.												
19...	.7	.68	.01	--	.21	254	248	.35	36	--	150	49
19...	.8	.68	.01	--	.23	243	246	.33	39	--	150	49
DEC.												
11...	.5	.68	.02	--	.16	--	240	.31	33	--	170	58
11...	.4	.70	.02	--	.19	--	243	.30	50	--	170	58
JAN.												
13...	.5	1.2	.03	.24	.28	210	197	.29	92	<1.0	140	43
13...	.3	1.1	.04	.33	.32	206	192	.28	156	<1.0	120	29
FEB.												
25...	.3	.96	.04	.32	.20	210	202	.29	75	<1.0	140	44
25...	.3	1.1	.05	.28	.23	210	202	.29	111	<1.0	140	45
MAR.												
12...	.3	1.6	.02	.63	.25	170	169	.23	204	<1.0	110	37
12...	.3	1.6	.04	.59	.28	194	172	.26	221	<1.0	120	44
APR.												
08...	.5	1.5	.01	.58	.99	174	190	.24	279	<1.0	130	42
08...	.5	1.6	.01	.74	.37	184	191	.25	110	<1.0	130	43
MAY												
19...	--	2.3	.03	.68	.23	--	--	--	157	--	140	44
19...	--	2.3	.03	.69	.62	--	--	--	200	--	140	44
JUNE												
05...	--	1.8	.00	.42	.29	--	--	--	55	<1.0	160	48
05...	--	1.8	.00	.52	.33	--	--	--	81	<1.0	160	49
JULY												
15...	.5	1.4	.01	.44	.21	--	227	.31	32	<1.0	140	43
AUG.												
19...	.7	.63	.02	.53	.22	--	288	.39	16	<1.0	170	58
SEP.												
02...	.6	.63	.02	.53	.26	--	296	.40	16	<1.0	180	58

DATE	PERCENT SODIUM	SODIUM AD- SORP- TION RATIO	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHO>)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)
OCT.												
16...	28	1.0	483	7.7	21.5	3	10	7.7	--	1.5	64000	--
16...	27	1.0	467	7.7	21.5	5	20	7.5	--	1.4	80000	--
NOV.												
19...	28	1.0	432	7.9	17.0	5	30	8.4	--	1.4	37000	3500
19...	27	.9	424	7.8	17.0	5	30	8.1	--	1.0	80000	2200
DEC.												
11...	24	.8	413	7.7	10.0	10	20	9.5	--	2.0	--	370
11...	24	.8	412	7.7	10.0	10	35	9.5	--	1.4	--	200
JAN.												
13...	21	.6	350	7.2	6.5	15	70	10.5	12	3.6	--	--
13...	21	.6	346	7.1	6.0	10	80	10.8	10	3.5	--	--
FEB.												
25...	23	.7	360	7.5	11.0	40	45	9.6	10	3.6	4400	440
25...	22	.7	363	7.5	10.5	40	50	9.6	10	2.7	5000	350
MAR.												
12...	19	.5	313	8.1	13.5	35	70	8.9	15	3.3	1900	730
12...	18	.5	322	8.1	13.5	45	65	8.9	10	2.6	2600	780
APR.												
08...	21	.6	337	8.1	15.5	5	120	8.6	7	1.5	14000	1000
08...	21	.6	339	8.1	15.5	5	120	8.6	7	1.1	27000	9600
MAY												
19...	--	--	362	8.1	19.5	10	75	7.6	19	2.0	9400	1700
19...	--	--	357	8.1	19.5	50	120	7.9	19	2.6	3800	680
JUNE												
05...	--	--	428	7.9	22.5	5	30	6.8	18	2.0	30000	--
05...	--	--	428	7.9	22.5	5	40	7.2	18	.7	38000	--
JULY												
15...	30	1.0	416	7.9	27.5	0	55	6.0	5	.0	16000	4200
AUG.												
19...	32	1.3	543	7.7	28.5	5	8	6.2	19	1.0	62000	--
SEP.												
02...	32	1.3	561	8.1	29.5	30	10	7.3	11	3.3	16000	8100

MISSISSIPPI RIVER MAIN STEM

07374522 MISSISSIPPI RIVER AT VIOLET, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS- PENDE D ARSE NIC (AS) (UG/L)	DIS- SOLVED ARSE NIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
OCT.												
16...	3.4	.00	2	0	1	0	1	0	0	0	0	--
16...	4.8	.00	0	0	2	0	2	0	0	<10	0	--
NOV.												
19...	6.0	.00	3	1	2	0	2	0	0	<10	0	--
19...	6.2	.00	5	1	2	1	1	0	0	<10	0	--
DEC.												
11...	6.2	.00	0	0	2	1	1	0	0	<10	0	--
11...	5.2	.00	0	0	3	2	1	0	0	<10	0	--
JAN.												
13...	7.0	.00	1	0	4	3	1	1	0	<10	0	10
13...	8.4	.00	1	0	5	4	1	0	0	<10	0	450
FEB.												
25...	5.4	.00	1	0	3	2	1	0	0	<10	0	--
25...	5.0	.00	2	0	3	2	1	0	0	<10	0	--
MAR.												
12...	8.6	.00	1	0	3	2	1	0	0	10	0	--
12...	15	.00	1	0	4	3	1	0	0	<10	0	--
APR.												
08...	11	.00	1	0	4	3	1	0	0	30	0	38
08...	12	.00	1	0	5	4	1	0	0	20	0	26
MAY												
19...	6.9	.00	1	0	4	3	1	0	0	20	0	10
19...	6.9	.00	4	0	5	4	1	0	0	20	0	35
JUNE												
05...	4.0	.00	1	4	2	1	1	0	0	10	0	8
05...	--	.00	3	0	3	2	1	0	0	20	0	9
JULY												
15...	3.8	.00	2	0	2	0	2	0	0	20	0	6
AUG.												
19...	6.1	.00	4	0	1	0	1	0	0	30	0	3
SEP.												
02...	5.4	.00	1	0	3	1	2	0	0	40	0	11

DATE	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED IRON (FE) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS- PENDE D LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDE D MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.												
16...	--	0	3	1	2	.0	.0	.0	--	--	20	10
16...	--	60	0	0	0	.1	.0	.1	--	--	90	40
NOV.												
19...	--	10	3	3	0	.0	.0	.0	--	--	20	10
19...	--	10	4	4	0	.0	.0	.0	--	--	90	8
DEC.												
11...	--	0	4	4	0	.1	.1	.0	--	--	10	0
11...	--	0	7	7	0	.0	.0	.0	--	--	60	40
JAN.												
13...	0	50	15	15	0	.0	.0	.0	10	0	30	10
13...	10	0	30	30	0	.3	.2	.1	37	0	250	30
FEB.												
25...	--	0	10	10	0	.1	.1	.0	--	--	60	10
25...	--	0	10	10	0	.1	.1	.0	--	--	70	20
MAR.												
12...	--	0	7	7	0	.1	.0	.1	--	--	30	10
12...	--	20	7	7	0	.2	.0	.2	--	--	120	0
APR.												
08...	8	0	9	9	0	.0	.0	.0	12	0	80	10
08...	8	10	8	8	0	.0	.0	.0	7	0	60	10
MAY												
19...	4	0	10	10	0	.1	.0	.1	11	0	30	0
19...	4	0	10	10	0	.1	.0	.1	13	0	230	10
JUNE												
05...	5	0	3	3	0	.1	.1	.0	6	4	20	0
05...	5	0	3	3	0	.2	.1	.1	12	0	20	10
JULY												
15...	4	10	7	7	0	.0	.0	.0	6	0	50	10
AUG.												
19...	2	10	2	2	0	.2	.1	.1	1	0	10	0
SEP.												
02...	3	0	12	12	0	.2	.0	.2	20	0	50	10

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER (MILE 76.0) AT BELLE CHASSE, LA

LOCATION.--Lat 29°51'25", long 89°58'40", in lot 20, T.14 S., R.12 E., Plaquemines Parish, at Belle Chasse ferry crossing at Belle Chasse.

DRAINAGE AREA.--1,129,930 mi² (2,926,500 km²).

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1974 to current year

WATER TEMPERATURES: October 1975 to current year.

CHLORIDE: October 1974 to current year.

SULFATE: October 1974 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 547 micromhos Sept. 14, 1976; minimum, 248 micromhos Mar. 31, 1976.

CHLORIDE: Maximum, 56 mg/L Nov. 16, 1974, July 20, 1976; minimum, 11 mg/L Apr. 21, May 12, 1976.

SULFATE: Maximum, 92 mg/L Oct. 14, 1975; minimum, 28 mg/L Apr. 1, 1976.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 547 micromhos Sept. 14; minimum, 248 micromhos Mar. 31.

WATER TEMPERATURES: Maximum, 31.0°C July 28, 30, Aug. 2-6, 19; minimum, 6.0°C Several days in January.

CHLORIDE: Maximum, 56 mg/L July 20; minimum, 16 mg/L Mar. 10, 14, 15, 21, 25, 27, Aug. 18, 20.

SULFATE: Maximum, 92 mg/L Oct. 14; minimum, 28 mg/L Apr. 1.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C) • WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	474	417	411	385	---	351	---	427	403	470	461	517
2	466	383	411	387	---	329	326	440	407	465	467	501
3	471	360	403	386	---	329	363	444	420	456	474	517
4	478	346	398	378	---	315	350	434	429	455	486	510
5	479	343	403	378	356	309	340	427	431	478	498	515
6	466	363	417	373	354	316	347	426	429	---	513	497
7	479	368	420	374	345	320	---	431	432	479	478	513
8	483	373	415	379	360	315	---	433	428	463	477	523
9	463	378	426	373	341	312	---	442	437	445	471	507
10	434	378	418	---	326	308	337	426	449	418	484	484
11	411	379	414	361	326	311	337	407	453	403	480	486
12	424	376	416	350	327	311	332	389	461	400	477	504
13	449	370	418	356	321	308	322	362	481	409	468	494
14	472	357	416	343	335	307	---	345	463	419	460	547
15	478	365	416	342	336	311	---	351	488	421	468	540
16	470	375	410	334	337	313	---	349	477	425	480	528
17	461	391	409	315	349	313	328	347	462	447	506	509
18	462	396	395	308	350	335	334	353	447	463	504	499
19	463	408	396	299	362	332	333	356	449	464	515	499
20	463	416	396	310	373	315	336	363	450	480	540	488
21	469	418	371	307	373	310	---	369	444	480	529	493
22	471	413	361	300	376	304	---	386	459	480	509	489
23	464	422	361	298	378	307	368	401	466	443	511	485
24	441	422	---	309	382	301	378	403	455	443	490	511
25	439	435	382	313	371	301	378	411	459	444	485	528
26	449	---	394	319	365	305	395	420	458	436	485	518
27	431	423	392	325	370	305	399	432	464	447	501	513
28	419	415	370	330	368	316	407	435	464	462	504	508
29	409	425	402	---	371	335	418	438	463	469	517	525
30	408	430	392	---	---	324	418	427	477	468	521	519
31	416	---	385	---	---	---	---	414	---	462	531	---

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER (MILE 76.0) AT BELLE CHASSE, LA--Continued

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	25	25	22	---	23	18	32	26	33	41	42
2	36	22	25	21	---	21	19	37	27	32	40	42
3	30	18	25	21	---	20	19	40	26	32	41	43
4	32	18	25	21	---	18	18	36	27	35	44	40
5	34	20	23	22	24	17	18	35	26	39	48	39
6	34	20	26	20	22	17	20	34	27	---	50	38
7	34	20	28	22	20	17	21	32	28	45	39	40
8	32	20	23	25	20	17	20	33	28	42	40	40
9	30	22	23	23	19	17	19	22	28	37	38	46
10	35	20	23	---	18	16	20	28	29	38	41	39
11	28	22	24	22	26	17	19	26	30	31	41	38
12	32	24	24	21	20	17	18	23	32	31	39	43
13	32	24	35	28	19	17	17	19	37	32	39	39
14	32	20	---	22	21	16	17	19	39	34	37	50
15	30	22	25	20	20	16	17	19	37	35	38	46
16	32	20	25	20	21	17	17	20	37	36	42	41
17	35	22	26	18	24	18	17	19	36	43	47	37
18	30	22	23	18	24	18	16	20	34	48	42	38
19	35	23	26	20	27	18	17	20	34	52	47	37
20	30	22	26	18	27	17	16	19	34	56	54	35
21	35	24	20	18	26	16	18	21	32	55	50	42
22	30	22	21	18	23	16	18	21	35	55	42	40
23	28	24	20	18	22	17	19	23	37	42	45	40
24	28	22	---	20	27	17	21	24	37	44	44	48
25	30	26	23	20	17	16	21	26	34	43	44	50
26	32	---	23	22	20	17	23	28	33	43	42	46
27	35	21	23	20	23	16	24	29	35	41	43	47
28	26	21	21	20	24	17	24	29	34	46	42	41
29	35	23	24	---	22	18	28	29	33	41	45	43
30	24	25	21	---	---	18	28	29	36	44	44	40
31	30	---	21	---	---	18	---	27	---	42	48	---

DISSOLVED SULFATE (SO4), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78	70	61	52	---	50	---	54	52	61	61	72
2	68	60	64	54	---	48	49	52	53	61	58	68
3	66	54	64	51	---	44	38	51	56	60	59	---
4	50	50	60	50	---	38	46	51	59	60	61	68
5	54	56	65	54	46	38	45	52	60	64	58	70
6	62	60	65	52	41	44	46	50	56	---	62	72
7	64	62	61	50	45	43	47	54	58	60	60	75
8	52	62	65	49	42	43	48	54	55	61	59	77
9	48	62	66	48	39	44	47	58	56	60	59	76
10	62	62	64	---	43	42	48	54	58	51	60	72
11	46	---	64	48	47	44	47	52	58	50	61	71
12	70	---	62	48	45	---	47	49	59	50	61	66
13	78	---	62	---	47	36	47	46	62	54	60	67
14	92	---	62	---	47	45	46	45	66	55	58	70
15	90	---	60	---	47	44	45	44	68	54	61	70
16	88	---	60	46	46	41	45	44	67	57	60	74
17	88	62	62	42	46	35	44	43	64	55	67	75
18	86	66	61	41	37	40	36	43	65	56	69	74
19	82	60	59	42	40	44	45	44	64	54	69	73
20	76	64	52	41	36	40	45	44	64	54	65	72
21	80	60	52	42	48	36	45	47	63	54	61	67
22	76	63	56	40	49	39	46	47	67	54	60	68
23	74	66	52	39	45	42	51	49	66	52	71	66
24	66	66	---	40	50	40	49	51	62	50	71	65
25	70	68	55	36	48	38	49	51	65	48	68	66
26	---	---	47	40	49	36	53	52	64	53	58	66
27	64	68	54	41	47	36	55	54	60	52	70	64
28	62	66	48	38	46	38	56	57	63	52	64	65
29	66	62	40	---	52	40	55	57	60	52	70	69
30	66	76	52	---	---	38	55	55	60	56	70	70
31	70	---	52	---	---	40	---	54	---	54	68	---

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER (MILE 76.0) AT BELLE CHASSE, LA--Continued

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.0	21.0	14.0	8.0	---	12.0	15.0	20.0	23.0	26.0	30.0	30.0
2	23.0	21.0	13.0	8.0	---	13.0	16.0	20.0	23.0	26.0	31.0	30.0
3	23.0	21.0	13.0	---	---	13.0	16.0	20.0	24.0	28.0	31.0	30.0
4	22.0	21.0	14.0	6.0	---	14.0	16.0	20.0	23.0	28.0	31.0	29.0
5	22.0	21.0	15.0	6.0	8.0	14.0	16.0	20.0	23.0	28.0	31.0	29.0
6	22.0	21.0	15.0	8.0	9.0	14.0	16.0	20.0	24.0	---	31.0	29.0
7	22.0	20.0	14.0	9.0	8.0	14.0	16.0	20.0	23.0	28.0	30.0	29.0
8	22.0	20.0	14.0	8.0	8.0	14.0	17.0	20.0	24.0	26.0	30.0	29.0
9	22.0	20.0	13.0	6.0	8.0	12.0	17.0	20.0	23.0	26.0	30.0	30.0
10	22.0	20.0	13.0	---	8.0	14.0	16.0	20.0	24.0	26.0	30.0	29.0
11	22.0	22.0	12.0	7.0	9.0	14.0	16.0	20.0	26.0	26.0	30.0	28.0
12	22.0	22.0	12.0	7.0	9.0	15.0	17.0	20.0	26.0	26.0	30.0	28.0
13	22.0	18.0	11.0	6.0	9.0	15.0	17.0	19.0	25.0	28.0	30.0	29.0
14	22.0	---	11.0	6.5	7.0	15.0	17.0	20.0	26.0	29.0	30.0	29.0
15	22.0	18.0	11.0	6.0	7.0	14.0	---	18.0	26.0	29.0	30.0	29.0
16	22.0	18.0	11.0	8.0	7.0	14.0	17.0	18.0	26.0	28.0	30.0	29.0
17	22.0	19.0	11.0	6.0	8.0	14.0	18.0	20.0	26.0	28.0	30.0	29.0
18	22.0	19.0	10.0	6.0	9.0	14.0	18.0	20.0	26.0	28.0	30.0	28.0
19	22.0	19.0	9.0	6.0	9.0	14.0	18.0	20.0	26.0	28.0	31.0	28.0
20	22.0	18.0	9.0	7.0	10.0	15.0	19.0	20.0	26.0	28.0	30.0	28.0
21	22.0	18.0	11.0	7.0	11.0	---	19.0	---	26.0	28.0	30.0	28.0
22	22.0	16.0	10.0	6.0	10.0	14.0	19.0	21.0	28.0	28.0	30.0	28.0
23	24.0	16.0	11.0	7.0	10.0	14.0	19.0	21.0	27.0	29.0	30.0	27.0
24	24.0	16.0	---	6.0	11.0	15.0	20.0	22.0	27.0	30.0	30.0	27.0
25	24.0	16.0	---	6.5	11.0	15.0	19.0	22.0	27.0	30.0	30.0	27.0
26	24.0	---	10.0	8.0	12.0	15.0	19.0	24.0	27.0	29.0	30.0	27.0
27	23.0	16.0	10.0	6.0	12.0	15.0	20.0	24.0	28.0	30.0	30.0	27.0
28	23.0	15.0	11.0	6.0	13.0	---	20.0	24.0	28.0	31.0	30.0	27.0
29	22.0	15.0	10.0	---	13.0	15.0	20.0	22.0	28.0	30.0	30.0	27.0
30	22.0	15.0	8.0	---	---	16.0	20.0	22.0	26.0	31.0	30.0	28.0
31	22.0	---	8.0	---	---	16.0	---	23.0	---	30.0	30.0	---

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

APR. 8, 1976
1000 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 10 DEPTH (FT) 5

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIPODA		
...TUBIFICIDAE		
....LIMNODRILUS		2
....UNKNOWN GENUS		26
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
GENERA 0.371		

APR. 8, 1976
1001 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 10 DEPTH (FT) 5

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIPODA		
...TUBIFICIDAE		
....UNKNOWN GENUS		19
ARTHROPODA		
..INSECTA		
...DIPTERA		
....CHIRONOMIDAE	MIDGES	
....PHOCCLADIUS		2
...EPHEMEROPTERA	MAY FLIES	
....EPHEMERIDAE		
....HEXAGENIA		1
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.575		
CLASS 0.575		
ORDER 0.700		
FAMILY 0.700		
GENERA 0.700		
INSECTA 0.918		

APR. 8, 1976
1002 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 10 DEPTH (FT) 5

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIPODA		
...TUBIFICIDAE		
....UNKNOWN GENUS		9

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

APR. 8, 1976
1005 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 800 DEPTH (FT) 55

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
MOLLUSCA		
.BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		1

APR. 8, 1976
1006 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 800 DEPTH (FT) 55

- - - NO ORGANISMS REPORTED - - -

APR. 8, 1976
1007 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 800 DEPTH (FT) 55

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
MOLLUSCA		
.BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		1

APR. 8, 1976
1010 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1600 DEPTH (FT) 95

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ARTHROPODA		
.INSECTA		
..DIPTERA		
...CHIRONOMIDAE	MIDGES	
....UNKNOWN GENUS		2
....XENOCHIRONOMUS		1
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
GENEVA 0.918		

APR. 8, 1976
1011 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1600 DEPTH (FT) 90

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
MOLLUSCA		
.BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		2

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

APR. 8, 1976
1012 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1600 DEPTH (FT) 94

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CERATOPOGONIDAE	BITING MIDGES	2
....UNKNOWN GENUS		
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		1
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.918		
CLASS 0.918		
ORDER 0.918		
FAMILY 0.918		
GENERA 0.918		

APR. 8, 1976
1015 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2400 DEPTH (FT) 95

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	2
...KIEFFERULUS		1
....POLYPEDILUM		
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		16
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.629		
CLASS 0.629		
ORDER 0.629		
FAMILY 0.629		
GENERA 0.774		

APR. 6, 1976
1016 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2400 DEPTH (FT) 95

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		50

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

APR. 8, 1976
1017 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2400 DEPTH (FT) 95

ORGANISM_NAME	COMMON_NAME	COUNT
ECTOPROCTA	BRYOZOANS	
.PHYLACTOLAEMATA		
..CHEILOSTOMATA		
...FREDERICELLIDAE		
....FREDERICELLA		1
MOLLUSCA		
.BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		16
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.323		
CLASS 0.323		
ORDER 0.323		
FAMILY 0.323		
GENERA 0.323		

APR. 8, 1976
1020 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2650 DEPTH (FT) 30

ORGANISM_NAME	COMMON_NAME	COUNT
MOLLUSCA		
.BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		2

APR. 8, 1976
1021 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2650 DEPTH (FT) 30

ORGANISM_NAME	COMMON_NAME	COUNT
ANNELIDA		
.OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		1
ARTHROPODA		
.CRUSTACEA		
..ISOPODA	AQUATIC SOW BUGS	
...ASELLIDAE		
....ASELLUS		3
MOLLUSCA		
.BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		2
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 1.459		
CLASS 1.459		
ORDER 1.459		
FAMILY 1.459		
GENERA 1.459		

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

APR. 8, 1976
1022 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2650 DEPTH (FT) 25

ORGANISM_NAME	COMMON_NAME	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
...MUCULOIDEA		
....CORBICULIDAE		
.....CORBICULA		1

JUNE 5, 1976
1100 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 10 DEPTH (FT) 3

ORGANISM_NAME	COMMON_NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
....TUBIFICIDAE		
.....LIMNODRILUS		2
.....UNKNOWN GENUS		7
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
GENERA 0.764		

JUNE 5, 1976
1101 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 10 DEPTH (FT) 3

ORGANISM_NAME	COMMON_NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
....TUBIFICIDAE		
.....LIMNODRILUS		4
.....UNKNOWN GENUS		8
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
GENERA 0.918		

JUNE 5, 1976
1102 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 10 DEPTH (FT) 3

ORGANISM_NAME	COMMON_NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
....TUBIFICIDAE		
.....UNKNOWN GENUS		9

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

JUNE 5, 1976
1105 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 800 DEPTH (FT) 30

ORGANISM NAME	COMMON NAME	COUNT
MOLLUSCA		
.BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		5

JUNE 5, 1976
1106 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 800 DEPTH (FT) 30

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
.OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		1
ARTHROPODA		
.INSECTA		
..DIPTERA		
...CHIRONOMIDAE	MIDGES	
....PARACLADELMIA		2
....UNKNOWN GENUS		4
MOLLUSCA		
.BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		7

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:

PHYL/DIV 1.296
 CLASS 1.296
 ORDER 1.296
 FAMILY 1.296
 GENERA 1.689

JUNE 5, 1976
1107 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 800 DEPTH (FT) 30

ORGANISM NAME	COMMON NAME	COUNT
MOLLUSCA		
.BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		3

JUNE 5, 1976
1110 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1600 DEPTH (FT) 82

ORGANISM NAME	COMMON NAME	COUNT
MOLLUSCA		
.BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		2

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

JUNE 5, 1976
1111 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1600 DEPTH (FT) 82

ORGANISM NAME	COMMON NAME	COUNT
ARTHROPODA		
INSECTA		
DIPTERA		
CHIRONOMIDAE	MIDGES	1
PARACLADELMIA		
MOLLUSCA		
BIVALVIA	BIVALVES	
NUCULOIDEA		
CORBICULIDAE		
CORBICULA		1
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 1.000		
CLASS 1.000		
ORDER 1.000		
FAMILY 1.000		
GENERA 1.000		

JUNE 5, 1976
1112 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1600 DEPTH (FT) 82

ORGANISM NAME	COMMON NAME	COUNT
ARTHROPODA		
INSECTA		
DIPTERA		
CHIRONOMIDAE	MIDGES	1
PARACLADELMIA		
MOLLUSCA		
BIVALVIA	BIVALVES	
NUCULOIDEA		
CORBICULIDAE		
CORBICULA		4
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.722		
CLASS 0.722		
ORDER 0.722		
FAMILY 0.722		
GENERA 0.722		

JUNE 5, 1976
1115 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2400 DEPTH (FT) 102

ORGANISM NAME	COMMON NAME	COUNT
MOLLUSCA		
BIVALVIA	BIVALVES	
NUCULOIDEA		
CORBICULIDAE		
CORBICULA		130

JUNE 5, 1976
1116 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2400 DEPTH (FT) 102

ORGANISM NAME	COMMON NAME	COUNT
MOLLUSCA		
BIVALVIA	BIVALVES	
NUCULOIDEA		
CORBICULIDAE		
CORBICULA		26

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

JUNE 5, 1976

1117 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2400 DEPTH (FT) 102

_ORGANISM_NAME_	_COMMON_NAME_	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		3

JUNE 5, 1976

1120 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2650 DEPTH (FT) 25

_ORGANISM_NAME_	_COMMON_NAME_	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		2
ARTHROPODA		
..CRUSTACEA		
...AMPHIPODA	SCUDS	
...GAMMARIDAE		
....GAMMARUS		2
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		5

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:
 PHYL/DIV 1.436
 CLASS 1.436
 ORDER 1.436
 FAMILY 1.436
 GENUS 1.436

JUNE 5, 1976

1121 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2650 DEPTH (FT) 25

_ORGANISM_NAME_	_COMMON_NAME_	COUNT
ARTHROPODA		
..CRUSTACEA		
...AMPHIPODA	SCUDS	
...GAMMARIDAE		
....GAMMARUS		1

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

JUNE 5, 1976
1122 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2650 DEPTH (FT) 25

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ARTHROPODA		
..CHUSTACEA		
...AMPHIPODA	SCUDS	
...GAMMARIDAE		
...GAMMARUS		6
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		7
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.996		
CLASS 0.996		
ORDER 0.996		
FAMILY 0.996		
GENERA 0.996		

AUG. 19, 1976
0600 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 10 DEPTH (FT) 8

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PISTHOPORA		
...HAPLOTAXIDAE		1
...PLESIOPORA		
...TUBIFICIDAE		
....LIMNODRILUS		9
....UNKNOWN GENUS		31
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		1
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.162		
CLASS 0.162		
ORDER 0.324		
FAMILY 0.324		

AUG. 19, 1976
0601 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 10 DEPTH (FT) 4

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
...TUBIFICIDAE		
....LIMNODRILUS		6
....UNKNOWN GENUS		6
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
GENERA 1.000		

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

AUG. 19, 1976
0602 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 10 DEPTH (FT) 4

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
..OPISTHOPOREA		
...HAPLOTAXIDAE		1
...PLESIPOREA		
...TUBIFICIDAE		
....UNKNOWN GENUS		12
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
ORDER 0.391		
FAMILY 0.391		

AUG. 19, 1976
0605 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 800 DEPTH (FT) 56

ORGANISM NAME	COMMON NAME	COUNT
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
....CRYPTOCHIRONOMUS		2
...EPHEMEROPTERA	MAY FLIES	
...EPHEMERIDAE		
...PENTAGENIA		3
MOLLUSCA		
..BIVALVIA	BIVALVES	
...MUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		167
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.190		
CLASS 0.190		
ORDER 0.218		
FAMILY 0.218		
GENERA 0.218		
INSECTA 0.971		

AUG. 19, 1976
0606 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 800 DEPTH (FT) 50

ORGANISM NAME	COMMON NAME	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
...MUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		218

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

AUG. 19, 1976
0807 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 800 DEPTH (FT) 50

ORGANISM NAME	COMMON NAME	COUNT
ANNELEIDA		
OLIGOCHAETA	AQUATIC EARTHWORMS	
PLESIOPORA		
TURBIDICULAE		
UNKNOWN GENUS		1
MOLLUSCA		
BIVALVIA	BIVALVES	
NUCULOIDEA		
CORBICULIDAE		
CORBICULA		15
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/LIV 0.337		
CLASS 0.337		
ORDER 0.337		
FAMILY 0.337		
GENERA 0.337		

AUG. 19, 1976
0810 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1600 DEPTH (FT) 93

ORGANISM NAME	COMMON NAME	COUNT
ARTHROPODA		
INSECTA		
DIPTERA		
CHIRONOMIDAE	MIDGES	
PAKALAUTERHORNIELLA		5
MOLLUSCA		
BIVALVIA	BIVALVES	
NUCULOIDEA		
CORBICULIDAE		
CORBICULA		68
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/LIV 0.360		
CLASS 0.360		
ORDER 0.360		
FAMILY 0.360		
GENERA 0.360		

AUG. 19, 1976
0811 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1600 DEPTH (FT) 92

ORGANISM NAME	COMMON NAME	COUNT
MOLLUSCA		
BIVALVIA	BIVALVES	
NUCULOIDEA		
CORBICULIDAE		
CORBICULA		8

AUG. 19, 1976
0812 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1600 DEPTH (FT) 105

ORGANISM NAME	COMMON NAME	COUNT
MOLLUSCA		
BIVALVIA	BIVALVES	
NUCULOIDEA		
CORBICULIDAE		
CORBICULA		44

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

AUG. 19, 1976
0815 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2400 DEPTH (FT) 108

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ARTHROPODA		
..CRUSTACEA		
...AMPHIPODA	SCUDS	
...GAMMARIDAE		
....GAMMARUS		1
CNIDARIA	CNIDARIANS	
..HYDROZOA		
..HYDROIDA		
...CLAVIDAE		
....CORDYLOPHORA		1
MOLLUSCA		
..BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		34

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:
PHYL/DIV 0.365

AUG. 19, 1976
0816 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2400 DEPTH (FT) 100

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		26

AUG. 19, 1976
0817 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2400 DEPTH (FT) 88

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
CNIDARIA	CNIDARIANS	
..HYDROZOA		
..HYDROIDA		
...CLAVIDAE		
....CORDYLOPHORA		1
MOLLUSCA		
..BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		13

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:
PHYL/DIV 0.103

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

AUG. 19, 1976
0620 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2650 DEPTH (FT) 40

ORGANISM NAME	COMMON NAME	COUNT
ARTHROPODA		
..CRUSTACEA		
...AMPHIPODA	SCUDS	
...GAMMARIDAE		2
....GAMMARUS		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
....CRYPTOCHIRONOMUS		1
CNIDARIA	CNIDARIANS	
..HYDROZOA		
...HYDROIDA		
...CLAVIDAE		
....CORDYLOPHORA		1
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		9

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:
PHYL/DIV 1.140

AUG. 19, 1976
0621 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2650 DEPTH (FT) 40

ORGANISM NAME	COMMON NAME	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		6

AUG. 19, 1976
0622 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2650 DEPTH (FT) 35

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
..HIRUDINEA	LEECHES	
..UNKNOWN ORDER		1
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		1
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
....CRYPTOCHIRONOMUS		5
....METRIOCNEPUS		1
CNIDARIA	CNIDARIANS	
..HYDROZOA		
...HYDROIDA		
...CLAVIDAE		
....CORDYLOPHORA		1
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		17

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:
PHYL/DIV 1.359

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA

LOCATION.--Lat 29°16'33", long 89°21'10", T.21 S., R.31 E., Plaquemines Parish, near center of river at mile 10.7 at Venice.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1973-76.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CAC03 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)
OCT. 16...	1500	5.4	44	13	31	3.2	106	0	87	87	31	.7
NOV. 18...	1630	6.4	40	10	22	3.1	112	0	92	59	19	.7
DEC. 11...	1500	5.9	46	13	26	2.9	135	0	111	65	23	.7
JAN. 14...	1350	6.4	36	10	17	2.5	113	0	93	50	21	.3
FEB. 04...	1345	6.6	37	9.6	16	2.3	111	0	91	42	20	.3
MAR. 11...	1200	6.5	33	9.3	14	2.5	93	0	76	44	18	.3
APR. 10...	1145	6.3	36	10	15	2.6	104	0	85	47	19	.4
MAY 13...	1200	6.6	40	13	21	2.9	132	0	108	49	24	.4
JUNE 06...	1145	--	41	13	--	--	135	0	111	55	25	--
JULY 13...	0900	4.7	36	12	25	2.8	110	0	90	52	32	.6
AUG. 22...	0615	.8	46	24	130	6.5	133	0	109	86	210	.6
SEP. 02...	1300	.3	53	41	260	13	147	0	121	130	460	.6

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	PERCENT SODIUM
OCT. 16...	1.0	.00	--	.20	280	268	.38	31	--	160	73	29
NOV. 18...	.68	.01	--	.21	236	215	.32	18	--	140	48	25
DEC. 11...	.70	.01	--	.24	250	249	.34	43	--	170	59	25
JAN. 14...	1.2	.03	.48	.31	212	199	.29	200	<1.0	130	38	22
FEB. 04...	1.1	.02	.71	.21	190	189	.26	103	<1.0	130	41	21
MAR. 11...	1.5	.03	.33	.32	166	173	.23	126	<1.0	120	44	20
APR. 10...	1.5	.01	.63	.19	172	188	.23	228	<1.0	130	46	20
MAY 13...	1.5	.02	--	.24	232	222	.32	119	<1.0	150	45	23
JUNE 06...	1.8	.00	.39	.15	--	--	--	26	<1.0	160	45	--
JULY 13...	1.3	.01	.44	.26	--	219	.30	22	--	140	49	28
AUG. 22...	.66	.11	.26	.21	--	570	.78	12	--	210	100	56
SEP. 02...	.39	.07	.47	.20	--	1030	1.40	7	<1.0	300	180	64

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	SODIUM AD- SORP- TION RATIO	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)
OCT. 16...	1.1	463	7.8	21.0	2	15	7.5	--	1.2	2.7	5300	--
NOV. 18...	.8	377	7.8	17.5	5	20	7.9	--	1.2	2.8	1800	420
DEC. 11...	.9	432	7.8	11.0	10	25	9.2	--	1.5	3.4	--	580
JAN. 14...	.6	349	7.1	5.0	15	80	11.3	10	4.6	14	3400	400
FEB. 04...	.6	356	8.2	9.0	25	60	11.9	10	6.0	1.1	790	370
MAR. 11...	.6	315	8.1	14.0	30	75	9.0	15	3.5	1.2	5700	--
APR. 10...	.6	330	8.1	16.0	10	120	8.6	7	1.5	1.3	--	--
MAY 13...	.7	397	8.2	19.0	20	70	7.5	--	1.1	1.3	12000	--
JUNE 06...	--	432	8.0	22.5	5	20	7.5	17	.2	2.2	5300	--
JULY 13...	.9	396	7.9	27.0	10	40	6.6	23	5.2	2.2	--	460
AUG. 22...	3.9	1070	7.7	29.0	5	5	5.8	32	1.2	4.2	--	--
SEP. 02...	6.5	1924	8.0	29.0	30	6	7.7	20	1.7	2.4	2100	100

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS- PENDED ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
OCT. 16...	3.4	.00	1	0	2	1	1	0	0	0	0	--
NOV. 18...	4.6	.00	6	3	2	1	1	2	0	<10	0	--
DEC. 11...	4.2	.00	0	0	2	1	1	0	0	<10	0	--
JAN. 14...	6.6	.00	2	0	5	4	1	1	0	10	0	10
FEB. 04...	5.8	.01	0	0	3	2	1	0	0	10	0	9
MAR. 11...	14	.00	0	0	3	2	1	0	0	<10	0	--
APR. 10...	14	.00	0	0	3	2	1	0	0	30	0	7
MAY 13...	10	.00	3	0	4	3	1	0	0	10	0	--
JUNE 06...	--	.00	2	0	2	1	1	0	0	20	0	12
JULY 13...	5.6	.00	5	0	3	1	2	0	0	15	0	7
AUG. 22...	5.8	.01	1	0	1	0	1	0	0	30	0	3
SEP. 02...	5.4	.00	2	2	2	0	2	0	0	30	0	5

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED IRON (FE) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS- PENDED LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDED MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT. 16...	--	0	0	0	0	.0	.0	.0	--	--	20	8
NOV. 18...	--	0	4	4	0	.1	.0	.1	--	--	30	20
DEC. 11...	--	30	5	5	0	.1	.1	.0	--	--	20	0
JAN. 14...	2	80	10	10	0	.6	.5	.1	10	0	120	20
FEB. 04...	4	10	6	6	0	.1	.1	.0	7	0	30	10
MAR. 11...	--	0	7	7	0	.2	.2	.0	--	--	20	10
APR. 10...	3	0	7	7	0	.0	.0	.0	13	0	40	10
MAY 13...	--	0	8	8	0	.2	.2	.0	--	--	20	10
JUNE 06...	4	0	3	3	0	.3	.2	.1	9	0	40	10
JULY 13...	--	10	2	2	0	.1	.0	.0	0	0	30	10
AUG. 22...	0	10	4	4	0	.2	.1	.1	2	0	20	10
SEP. 02...	4	10	0	0	0	.2	.0	.2	9	0	20	10

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA

APR. 10, 1976
1500 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 15 DEPTH (FT) 20

ORGANISM NAME	COMMON NAME	COUNT
AN. ELIDIA		
..HIRUDINEA	LEECHES	
..UNKNOWN ORDER		1
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
...CRYPTOCHIRONOMUS		1
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 1.000		
CLASS 1.000		
ORDER 1.000		

APR. 10, 1976
1501 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 75 DEPTH (FT) 15

ORGANISM NAME	COMMON NAME	COUNT
ARTHROPODA		
..INSECTA		
...EPHEMEROPTERA	MAY FLIES	
...EPHEMERIDAE		
...PENTAGENIA		1

APR. 10, 1976
1502 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 15 DEPTH (FT) 15

- - - NO ORGANISMS REPORTED - - -

APR. 10, 1976
1505 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1000 DEPTH (FT) 43

- - - NO ORGANISMS REPORTED - - -

APR. 10, 1976
1506 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1000 DEPTH (FT) 42

- - - NO ORGANISMS REPORTED - - -

APR. 10, 1976
1507 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1000 DEPTH (FT) 44

- - - NO ORGANISMS REPORTED - - -

APR. 10, 1976
1510 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2000 DEPTH (FT) 55

- - - NO ORGANISMS REPORTED - - -

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA--Continued

APR. 10, 1976
1511 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES
 CROSS SECTION LOCATION (FT) 2000 DEPTH (FT) 55
 - - - NO ORGANISMS REPORTED - - -

APR. 10, 1976
1512 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES
 CROSS SECTION LOCATION (FT) 2000 DEPTH (FT) 53
 - - - NO ORGANISMS REPORTED - - -

APR. 10, 1976
1515 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES
 CROSS SECTION LOCATION (FT) 3000 DEPTH (FT) 80

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
...MUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		1

APR. 10, 1976
1516 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES
 CROSS SECTION LOCATION (FT) 3000 DEPTH (FT) 80

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
..HIRUDINEA	LEECHES	
..UNKNOWN ORDER		1

APR. 10, 1976
1517 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES
 CROSS SECTION LOCATION (FT) 3000 DEPTH (FT) 80
 - - - NO ORGANISMS REPORTED - - -

APR. 10, 1976
1520 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES
 CROSS SECTION LOCATION (FT) 3100 DEPTH (FT) 7

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
..HIRUDINEA	LEECHES	
..UNKNOWN ORDER		2
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPODA		
...TUBIFICIDAE		
....BRANCHIURA		2
CNIDARIA	CNIDARIANS	
..HYDROZOA		
..HYDROIDA		
...CLAVIDAE		
....CORDILOPHORA		1

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:
 PHYL/DIV 0.722
 CLASS 1.522
 ORDER 1.522

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA--Continued

APR. 10, 1976
1521 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3100 DEPTH (FT) 5

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
...TUBIFICIDAE		5
....BRANCHIURA		1
....LIMNODRILUS		1
....UNKNOWN GENUS		

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:
GENEVA 1.149APR. 10, 1976
1522 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3100 DEPTH (FT) 5

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
...TUBIFICIDAE		
....BRANCHIURA		1

JUNE 7, 1976
1400 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 15 DEPTH (FT) 3

- - - NO ORGANISMS REPORTED - - -

JUNE 7, 1976
1401 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 15 DEPTH (FT) 3

- - - NO ORGANISMS REPORTED - - -

JUNE 7, 1976
1402 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 15 DEPTH (FT) 3

- - - NO ORGANISMS REPORTED - - -

JUNE 7, 1976
1405 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1000 DEPTH (FT) 43

- - - NO ORGANISMS REPORTED - - -

JUNE 7, 1976
1406 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1000 DEPTH (FT) 43

- - - NO ORGANISMS REPORTED - - -

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA--Continued

JUNE 7, 1976
1407 HOURSIDENTIFICATION OF BENTHIC INVERTEBRATES
CROSS SECTION LOCATION (FT) 1000 DEPTH (FT) 43

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
MOLLUSCA		
•BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		2

JUNE 7, 1976
1410 HOURSIDENTIFICATION OF BENTHIC INVERTEBRATES
CROSS SECTION LOCATION (FT) 2000 DEPTH (FT) 45

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
MOLLUSCA		
•BIVALVIA	BIVALVES	
..NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		2

JUNE 7, 1976
1411 HOURSIDENTIFICATION OF BENTHIC INVERTEBRATES
CROSS SECTION LOCATION (FT) 2000 DEPTH (FT) 45
- - - NO ORGANISMS REPORTED - - -JUNE 7, 1976
1412 HOURSIDENTIFICATION OF BENTHIC INVERTEBRATES
CROSS SECTION LOCATION (FT) 2000 DEPTH (FT) 45
- - - NO ORGANISMS REPORTED - - -JUNE 7, 1976
1415 HOURSIDENTIFICATION OF BENTHIC INVERTEBRATES
CROSS SECTION LOCATION (FT) 3000 DEPTH (FT) 75

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
•HIRUDINEA	LEECHES	
..UNKNOWN ORDER		2
ARTHROPODA		
•INSECTA		
..EPHEMEROPTERA	MAY FLIES	
...POLYMITARCIDAE		
....TORTOPUS		3

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:

PHYL/DIV 0.971

CLASS 0.971

ORDER 0.971

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA--Continued

JUNE 7, 1976
1416 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3000 DEPTH (FT) 75

ORGANISM_NAME	COMMON_NAME	COUNT
ARTHROPODA		
..CRUSTACEA		
...AMPHIPODA	SCUDS	
...GAMMARIDAE		
...GAMMARUS		1
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
...CRYPTOCHIRONOMUS		1
..EPHEMEROPTERA	MAY FLIES	
...POLYMITARCIIDAE		
....TORTOPIUS		2
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDAE		
...CORBICULIDAE		
....CORBICULA		5

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:
 PHYL/DIV 0.991
 CLASS 1.352
 ORDER 1.658
 FAMILY 1.658
 GENERA 2.658
 INSECTA 0.918

JUNE 7, 1976
1417 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3000 DEPTH (FT) 75

ORGANISM_NAME	COMMON_NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....BRANCHIURA		1
ARTHROPODA		
..CRUSTACEA		
...AMPHIPODA	SCUDS	
...COROPHIDAE		
....COROPHIUM		1
..INSECTA		
...EPHEMEROPTERA	MAY FLIES	
...POLYMITARCIIDAE		
....TORTOPIUS		5

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:
 PHYL/DIV 0.592
 CLASS 1.149
 ORDER 1.149
 FAMILY 1.149
 GENERA 1.149

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA--Continued

JUNE 7, 1976
1420 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3100 DEPTH (FT) 4

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPODA		
...TUBIFICIDAE		
....BRANCHIURA		9
....LIMNODRILUS		1
....UNKNOWN GENUS		1
ARTHROPODA		
..INSECTA		
...EPHEMEROPTERA	MAY FLIES	
...POLYMITARCIDAE		
....TORTOPUS		1

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:

PHYL/DIV 0.414
CLASS 0.414
ORDER 0.414
FAMILY 0.414
GENERA 1.208

JUNE 7, 1976
1421 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3100 DEPTH (FT) 4

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ARTHROPODA		
..CRUSTACEA		
...AMPHIPODA	SCUDS	
...COROPHIIDAE		
....COROPHIUM		1
...GAMMARIDAE		
....GAMMARUS		1
..INSECTA		
...EPHEMEROPTERA	MAY FLIES	
...POLYMITARCIDAE		
....TORTOPUS		1
CNIDARIA	CNIDARIANS	
..HYDROZOA		
...HYDROIDA		
...CLAVIDAE		
....CORDILOPHURA		1

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:

PHYL/DIV 0.811
CLASS 1.500
ORDER 1.500

JUNE 7, 1976
1422 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3100 DEPTH (FT) 4

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ARTHROPODA		
..INSECTA		
...EPHEMEROPTERA	MAY FLIES	
...POLYMITARCIDAE		
....TORTOPUS		2

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA--Continued

AUG. 21, 1976
0700 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 15 DEPTH (FT) 10

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		1
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		6
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 0.592		
CLASS 0.592		
ORDER 0.592		
FAMILY 0.592		
GENERA 0.592		

AUG. 21, 1976
0701 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 15 DEPTH (FT) 12

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		1
ARTHROPODA		
..INSECTA		
...DIPTERA		
...CHIRONOMIDAE	MIDGES	
....PARACLAADOPHELMA		1
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		1
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 1.585		
CLASS 1.585		
ORDER 1.585		
FAMILY 1.585		
GENERA 1.585		

AUG. 21, 1976
0702 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 15 DEPTH (FT) 10

ORGANISM NAME	COMMON NAME	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		
CNIDARIA		1
..HYDROZOA		1
...HYDROIDA		
...CLAVIDAE		
....CORDILOPHORA		1
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/DIV 1.000		

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA--Continued

AUG. 21, 1976
0705 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1000 DEPTH (FT) 42

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
...TUBIFICIDAE		
....BRANCHIURA		1

AUG. 21, 1976
0706 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1000 DEPTH (FT) 42

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ARTHROPODA		
..CRUSTACEA		
...AMPHIPODA	SCUDS	
...COROPHIDIIDAE		
....COROPHIUM		1
..INSECTA		
...COLLEMBOLA	SPRINGTAILS	
...ISOTOMIDAE		
....ISOTOMURUS		1
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		4

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:
 PHYL/DIV 0.918
 CLASS 1.252
 ORDER 1.252
 FAMILY 1.252
 GENERA 1.252

AUG. 21, 1976
0707 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 1000 DEPTH (FT) 40

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
...TUBIFICIDAE		
....UNKNOWN GENUS		1
ARTHROPODA		
..CRUSTACEA		
...AMPHIPODA	SCUDS	
...COROPHIDIIDAE		
....COROPHIUM		1
..INSECTA		
...COLLEMBOLA	SPRINGTAILS	
...ISOTOMIDAE		
....ISOTOMURUS		1
MOLLUSCA		
..BIVALVIA	BIVALVES	
...NUCULOIDEA		
...CORBICULIDAE		
....CORBICULA		4

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:
 PHYL/DIV 1.379
 CLASS 1.664
 ORDER 1.664
 FAMILY 1.664
 GENERA 1.664

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA--Continued

AUG. 21, 1976
0710 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2000 DEPTH (FT) 56

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
...TUBIFICIDAE		
....BRANCHIURA		3

AUG. 21, 1976
0711 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2000 DEPTH (FT) 62

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
...TUBIFICIDAE		
....BRANCHIURA		3

AUG. 21, 1976
0712 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 2000 DEPTH (FT) 65

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
ANNELIDA		
..OLIGOCHAETA	AQUATIC EARTHWORMS	
...PLESIOPORA		
...TUBIFICIDAE		
....BRANCHIURA		1

AUG. 21, 1976
0715 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3000 DEPTH (FT) 85

ORGANISM__NAME_____	COMMON__NAME_____	COUNT
MOLLUSCA		
..BIVALVIA	BIVALVES	
...MUCULIDEA		
...CORBICULIDAE		
....CORBICULA		2

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA--Continued

AUG. 21, 1976
0716 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3000 DEPTH (FT) 85

ORGANISM_NAME	COMMON_NAME	COUNT
AN. ELIDA		
.OLIGOCHAETA	AQUATIC EARTHWORMS	
..PLESIOPORA		
...TUBIFICIDAE		
....BRANCHIURA		2

AUG. 21, 1976
0717 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3000 DEPTH (FT) 85

ORGANISM_NAME	COMMON_NAME	COUNT
AR. THROPODA		
.CRUSTACEA		
..AMPHIPODA	SCUDS	
...COROPHIDIIDAE		
....COROPHIUM		1

AUG. 21, 1976
0740 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3100 DEPTH (FT) 6

ORGANISM_NAME	COMMON_NAME	COUNT
AR. THROPODA		
.CRUSTACEA		
..AMPHIPODA	SCUDS	
...COROPHIDIIDAE		
....COROPHIUM		209
..DECAPODA		
...CANCRIDAE	ROCK CRABS	1
.INSECTA		
..COLLEMBOLA	SPRINGTAILS	
...ISOTOMIDAE		
....ISOTOMURUS		1

DIVERSITY INDICES, BASED ON ACTUAL COUNTS:

CLASS 0.043

ORDER 0.087

FAMILY 0.087

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA--Continued

AUG. 21, 1976
0721 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3100 DEPTH 9

ORGANISM NAME	COMMON NAME	COUNT
ANNELIDA		
OLIGOCHAETA	AQUATIC EARTHWORMS	
PLESIOPORA		
TUBIFICIDAE		1
BRANCHIURA		
ARTHROPODA		
CRUSTACEA		
AMPHIPODA	SCUDS	
COROPHIDAE		349
COROPHIUM		
INSECTA		
COLLEMBOLA	SPRINGTAILS	
ISOTOMIDAE		1
ISOTOMURUS		
DIVERSITY INDICES, BASED ON ACTUAL COUNTS:		
PHYL/CIV 0.028		
CLASS 0.056		
ORDER 0.056		
FAMILY 0.056		
GENERA 0.056		

AUG. 21, 1976
0722 HOURS

IDENTIFICATION OF BENTHIC INVERTEBRATES

CROSS SECTION LOCATION (FT) 3100 DEPTH (FT) 4

ORGANISM NAME	COMMON NAME	COUNT
ARTHROPODA		
CRUSTACEA		
AMPHIPODA	SCUDS	
COROPHIDAE		117
COROPHIUM		

291230089014000 NORTH PASS (AT MOUTH) OF MISSISSIPPI RIVER NEAR PILOTTOWN, LA (CE 01900)

LOCATION.--Lat 29°12'30", long 89°01'40", Plaquemines Parish, 14 mi (22.5 km) east of Pilottown.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975-76.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
08...	1259	0	44	19	128	0	90	120	.89	.00	.89	--
20...	1014	20	55	46	108	0	160	580	1.1	.01	1.1	--
NOV.												
07...	1215	0	34	10	100	0	54	35	.96	.01	.97	--
17...	1212	30	42	27	106	0	90	260	.73	.01	.74	--
DEC.												
02...	1325	0	42	13	122	0	69	29	.20	.00	.20	--
17...	1530	0	40	12	130	0	64	45	.78	.03	.81	--
JAN.												
04...	1402	10	46	36	126	0	99	350	1.2	.02	1.2	--
15...	0912	10	36	11	110	0	49	32	1.2	.05	1.2	.57
27...	0900	0	35	16	99	0	53	130	1.1	.02	1.1	.58
FEB.												
10...	1305	0	36	10	120	0	44	21	.95	.05	1.0	.57
24...	0907	0	38	11	119	0	49	24	1.3	.04	1.3	1.7
MAR.												
10...	1128	60	35	12	95	0	49	58	1.5	.01	1.5	.66
23...	0917	90	35	14	105	0	47	84	1.5	.02	1.5	.69
APR.												
07...	0940	0	36	12	109	0	48	39	1.7	.01	1.7	.54
20...	1115	10	35	11	112	0	42	17	1.2	.01	1.2	.56
MAY												
03...	1019	0	43	13	132	0	51	30	1.5	.01	1.5	.69
17...	1222	10	39	13	118	0	48	50	1.9	.02	1.9	1.1
JUNE												
02...	0921	0	41	13	129	0	50	30	1.9	.01	1.9	.74
15...	0955	80	46	14	143	0	56	32	1.8	.00	1.8	.60
AUG.												
17...	1110	0	61	85	132	0	190	1100	.78	.03	.81	.57
SEP.												
03...	1150	110	82	130	146	0	290	1700	.36	.10	.46	.45

291230089014000 NORTH PASS (AT MOUTH) OF MISSISSIPPI RIVER NEAR PILOTTOWN, LA (CE 01900)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDE D SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
08...	.29	53	--	190	85	780	8.0	22.0	20	30	7.6	--
20...	.24	15	--	330	240	2280	8.0	21.0	10	10	8.0	--
NOV.												
07...	.19	48	--	130	44	402	8.0	19.0	3	25	8.1	--
17...	2.1	24	--	220	130	1240	7.7	15.5	20	25	8.5	--
DEC.												
02...	.79	76	--	160	60	442	7.9	12.5	10	30	9.0	--
17...	.26	77	--	150	43	416	7.8	10.5	10	45	8.9	--
JAN.												
04...	.17	46	<1.0	260	160	1540	7.6	7.0	25	30	10.0	15
15...	.32	248	<1.0	140	45	358	7.8	5.0	20	80	10.0	10
27...	.80	156	<1.0	150	72	707	7.8	6.0	25	60	10.8	390
FEB.												
10...	.32	116	<1.0	130	32	353	8.0	7.0	15	50	10.8	10
24...	.25	89	<1.0	140	42	370	7.9	9.0	10	60	9.7	15
MAR.												
10...	.38	154	<1.0	140	59	474	8.0	--	35	80	8.9	9
23...	.27	176	<1.0	150	59	543	8.1	12.5	15	90	8.3	20
APR.												
07...	.21	47	<1.0	140	50	382	8.1	15.0	15	20	7.6	40
20...	.11	23	<1.0	130	38	329	8.2	18.5	15	30	8.9	7
MAY												
03...	1.9	55	<1.0	160	53	424	8.0	21.0	10	30	7.2	12
17...	6.3	232	<1.0	150	54	360	8.1	19.0	20	150	7.7	27
JUNE												
02...	.15	40	<1.0	160	50	423	7.8	22.5	10	30	7.5	26
15...	.33	38	<1.0	170	55	457	7.9	25.0	5	30	6.8	16
AUG.												
17...	.36	22	<1.0	500	390	4070	7.9	--	5	7	7.4	25
SEP.												
03...	.19	25	<1.0	740	620	5900	8.2	--	10	8	7.9	58

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
08...	1.9	--	--	3.8	.00	10	0	.00	.0	.00	.00	.00
20...	3.9	9000	60	5.2	.00	0	0	.00	.0	.00	.00	.00
NOV.												
07...	2.8	1600	380	4.2	.00	0	0	.00	.0	.00	.00	.00
17...	8.3	2200	210	5.6	.00	0	0	.00	.0	.00	.00	.00
DEC.												
02...	1.2	3500	300	6.2	.01	0	0	.00	.0	.00	.00	.00
17...	3.7	2900	400	5.0	.00	0	0	.00	.0	.00	.00	.00
JAN.												
04...	5.2	1600	460	5.0	.00	0	0	.00	.0	.00	.00	.00
15...	6.2	1300	450	5.6	.00	2	0	.00	.0	.00	.00	.00
27...	4.4	2400	370	1.2	.00	0	27	.00	.0	.00	.00	.00
FEB.												
10...	1.5	1800	100	23	.00	1	0	.00	.0	.00	.00	.00
24...	2.2	2400	290	6.0	.00	5	0	.00	.0	.00	.00	.01
MAR.												
10...	3.5	4300	620	3.9	.00	0	0	.00	.0	.00	.00	.00
23...	1.4	2400	410	9.2	--	--	0	.00	.0	.00	.00	.01
APR.												
07...	1.4	1200	250	9.4	.00	1	0	.00	.0	.00	.00	.00
20...	4.6	3600	370	11	.00	0	0	.00	.0	.00	.00	.00
MAY												
03...	3.0	>18000	950	3.1	.00	3	0	.00	.0	.00	.00	.00
17...	3.9	--	--	12	.00	2	0	.00	.0	.00	.00	.00
JUNE												
02...	1.1	5600	30	6.2	.00	0	0	.00	.0	.00	.00	.00
15...	2.2	>18000	900	3.8	.00	3	0	--	--	--	--	--
AUG.												
17...	1.2	60	--	5.2	.00	28	2	.00	.0	.00	.00	.00
SEP.												
03...	2.7	--	10	2.2	.00	7	0	.00	.0	.00	.00	.00

MISSISSIPPI RIVER DELTA

291230089014000 NORTH PASS (AT MOUTH) OF MISSISSIPPI RIVER NEAR PILOTTOWN, LA (CE 01900)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
08...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
07...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
17...	.01	<.01	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.07	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.0
17...	.01	.00	.00	.00	.00	.00	.00	<.01	.00	.00	.00	.0
JAN.												
04...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
15...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
27...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
24...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
23...	.00	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
07...	.34	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
20...	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
17...	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JUNE												
02...	.02	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
15...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
17...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THIUN (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
08...	.00	0	.00	--	--	--	2	2	0	0	<10	0
20...	.00	0	.00	--	--	--	2	1	0	0	<10	0
NOV.												
07...	.00	0	.00	--	--	--	2	1	--	0	--	0
17...	.00	0	.00	--	--	--	2	1	7	0	<10	0
DEC.												
02...	.00	0	.00	--	--	--	2	1	0	0	<10	0
17...	.00	0	.00	--	--	--	3	--	16	0	<10	--
JAN.												
04...	.00	0	.00	--	--	--	3	1	1	0	<10	0
15...	.00	0	.00	--	--	--	5	1	0	0	10	0
27...	.00	0	.00	--	--	--	5	1	0	0	10	0
FEB.												
10...	.00	0	.00	--	--	--	3	1	1	0	10	0
24...	.00	0	.00	--	--	--	3	1	0	0	<10	0
MAR.												
10...	.00	0	.00	--	--	--	3	1	0	0	<10	0
23...	.00	0	.00	--	--	--	4	1	0	0	20	0
APR.												
07...	.00	0	.00	--	--	--	2	1	0	0	10	0
20...	.00	0	.00	--	--	--	1	0	5	0	20	0
MAY												
03...	.00	0	.00	--	--	--	1	1	4	1	<10	0
17...	.00	0	.00	--	--	--	6	1	2	0	0	0
JUNE												
02...	.00	0	.00	--	--	--	3	2	5	0	10	0
15...	--	--	--	.00	.00	.00	3	2	1	0	20	0
AUG.												
17...	.00	0	.00	.02	.02	.00	2	1	0	0	20	0
SEP.												
03...	.00	0	.00	.03	.02	.00	2	2	0	0	30	0

291230089014000 NORTH PASS (AT MOUTH) OF MISSISSIPPI RIVER NEAR PILOTTOWN, LA (CE 01900)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDED MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
08...	--	--	0	0	.1	.0	.1	--	--	20	0
20...	--	--	8	0	.1	.1	.0	--	--	20	0
NOV.											
07...	--	--	--	0	.0	.0	.0	--	--	--	8
17...	--	--	0	0	.0	.0	.0	--	--	20	10
DEC.											
02...	--	--	0	0	.0	.0	.0	--	--	20	10
17...	--	--	10	2	.0	.0	.0	--	--	50	10
JAN.											
04...	10	5	5	0	.0	.0	.0	10	0	10	0
15...	10	1	8	0	.2	.0	.2	20	0	40	10
27...	9	3	9	0	.0	.0	.0	14	0	40	10
FEB.											
10...	5	1	0	0	.0	.0	.0	9	0	40	0
24...	7	4	5	0	.0	.0	.0	15	0	30	0
MAR.											
10...	7	2	9	0	.1	.1	.0	6	0	40	10
23...	12	4	8	0	.0	.0	.0	14	0	40	0
APR.											
07...	5	2	4	0	.0	.0	.0	4	0	20	0
20...	4	4	0	0	.1	.0	.1	13	0	10	0
MAY											
03...	7	5	0	0	.1	.1	.0	7	3	30	10
17...	14	10	10	0	.1	.0	.1	21	0	40	10
JUNE											
02...	--	13	0	0	.1	.1	.0	4	0	80	10
15...	5	4	21	0	.3	.0	.3	10	0	20	0
AUG.											
17...	5	5	2	0	.2	.0	.2	4	2	20	10
SEP.											
03...	3	3	2	2	.3	.2	.1	4	3	20	10

290053089095700 SOUTH PASS (MILE 13.0 BHP) OF MISSISSIPPI RIVER NEAR PORT EADS, LA (CE 01850)

LOCATION.--Lat 29°00'53", long 89°09'57", Plaquemines Parish, 14.5 mi (23.3 km) east of Burrwood, 2.0 mi (3.2 km) southeast of Port Eads.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water year 1975-76.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
08...	1307	0	45	21	128	0	90	140	.89	.01	.90	--
20...	1024	--	--	--	108	0	--	--	1.1	.01	1.1	--
NOV.												
07...	1225	0	37	11	99	0	56	52	.95	.00	.95	--
17...	1220	30	46	40	106	0	110	450	.91	.01	.92	--
DEC.												
02...	1315	0	44	25	123	0	95	220	.04	.00	.04	--
17...	1550	0	43	11	149	0	59	25	.79	.02	.81	--
JAN.												
04...	1412	10	44	13	127	0	57	23	1.1	.04	1.1	--
15...	0922	10	36	11	113	0	49	27	1.2	.05	1.2	.55
27...	0912	10	33	12	91	0	48	66	1.1	.03	1.1	.47
FEB.												
10...	1322	10	36	11	120	0	45	33	.95	.05	1.0	.61
24...	0921	0	39	11	116	0	50	25	1.1	.07	1.2	.78
MAR.												
10...	1140	30	36	9.9	96	0	46	28	1.4	.01	1.4	.84
23...	0931	60	33	9.6	102	0	38	17	1.5	.04	1.5	.66
APR.												
07...	0951	10	36	11	113	0	46	20	1.7	.01	1.7	.57
20...	1126	10	35	11	112	0	44	19	1.3	.01	1.3	.64
MAY												
03...	1030	0	41	13	125	0	51	33	1.5	.02	1.5	.75
17...	1233	30	38	11	117	0	44	21	2.0	.02	2.0	1.0
JUNE												
02...	0931	30	41	16	128	0	58	63	1.9	.01	1.9	.67
15...	1010	20	45	14	141	0	57	33	1.8	.01	1.8	.49
AUG.												
17...	1130	0	57	70	132	0	170	940	.91	.03	.94	.53
SEP.												
03...	1205	0	78	130	146	0	280	1700	.35	.09	.44	.47

290053089095700 SOUTH PASS (MILE 13.0 BHP) OF MISSISSIPPI RIVER NEAR PORT EADS, LA (CE 01850)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDE D SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
08...	.30	34	--	200	95	867	8.1	22.0	20	20	7.4	--
20...	.20	--	--	--	--	2560	8.1	21.0	5	10	7.2	--
NOV.												
07...	.94	49	--	140	59	471	7.9	19.0	5	30	7.8	--
17...	.44	23	--	280	190	1880	7.6	15.5	15	25	8.3	--
DEC.												
02...	2.7	38	--	210	110	1140	8.0	13.0	5	20	9.0	--
17...	.24	73	--	150	28	448	7.9	10.0	15	45	8.9	--
JAN.												
04...	2.8	57	<1.0	160	56	384	7.5	6.5	25	30	10.0	16
15...	.41	244	<1.0	140	43	351	7.6	5.0	50	75	10.0	10
27...	.32	150	<1.0	130	57	476	7.7	5.5	35	60	10.6	30
FEB.												
10...	.33	158	<1.0	140	42	387	7.9	7.0	20	60	10.4	15
24...	.32	120	<1.0	140	45	369	7.9	9.0	10	50	9.8	20
MAR.												
10...	4.3	266	<1.0	130	52	315	8.0	--	30	90	8.9	5
23...	.37	192	<1.0	120	38	302	8.0	12.5	20	65	8.2	20
APR.												
07...	.16	29	<1.0	140	47	344	8.0	15.0	10	20	7.6	60
20...	.13	29	<1.0	130	38	336	8.2	18.5	10	30	8.9	7
MAY												
03...	.75	28	<1.0	160	53	436	8.1	21.0	10	20	7.4	3
17...	.26	93	<1.0	140	44	354	8.1	19.0	15	120	7.4	21
JUNE												
02...	.17	24	<1.0	170	65	542	7.9	22.5	15	25	7.4	25
15...	.19	31	<1.0	170	54	473	8.0	25.0	5	25	6.7	16
AUG.												
17...	.29	19	<1.0	430	320	3470	8.1	--	5	10	7.5	21
SEP.												
03...	.55	12	<1.0	730	610	5800	8.2	--	5	7	7.8	63

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDO (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
08...	1.4	--	--	3.4	.00	1	0	.00	.0	.00	.00	.00
20...	3.1	2600	10	4.6	.00	0	0	.00	.0	.00	.00	.00
NOV.												
07...	1.9	1400	130	4.0	.00	0	0	.00	.0	.00	.00	.00
17...	8.2	2100	140	3.4	.00	0	0	.00	.0	.00	.00	.00
DEC.												
02...	1.0	2600	130	5.6	.00	2	0	.00	.0	.00	.00	.00
17...	3.5	2000	350	6.8	.00	0	0	.00	.0	.00	.00	.00
JAN.												
04...	3.4	2600	210	27	.00	1	2	.00	.0	.00	.00	.00
15...	4.9	1800	300	6.4	.00	1	0	.00	.0	.00	.00	.00
27...	3.5	3400	350	3.4	.00	0	2	.00	.0	.00	.00	.00
FEB.												
10...	1.4	2000	50	5.2	.00	0	0	.00	.0	.00	.00	.00
24...	2.2	2000	<5	4.6	.00	0	0	.00	.0	.00	.00	.00
MAR.												
10...	4.3	4700	520	4.4	.00	0	0	.00	.0	.00	.00	.00
23...	1.5	3700	540	12	.00	2	0	.00	.0	.00	.00	.01
APR.												
07...	1.0	1500	<5	9.8	.00	1	0	.00	.0	.00	.00	.00
20...	5.1	1900	<50	13	.00	0	--	.00	.0	.00	.00	.00
MAY												
03...	1.7	8700	630	4.6	.00	3	0	.00	.0	.00	.00	.00
17...	3.7	--	--	8.8	.00	1	0	.00	.0	.00	.00	.00
JUNE												
02...	5.1	5200	20	5.8	.00	0	0	.00	.0	.00	.00	.00
15...	4.9	10000	350	4.1	.00	3	0	.00	.0	.00	.00	.00
AUG.												
17...	.9	280	--	2.0	.00	22	3	.00	.0	.00	.00	.00
SEP.												
03...	2.3	--	80	1.6	.00	4	0	.00	.0	.00	.00	.00

290053089095700 SOUTH PASS (MILE 13.0 BHP) OF MISSISSIPPI RIVER NEAR PORT EADS, LA (CE 01850)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
08...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
07...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
17...	.01	<.01	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
17...	.02	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.0
JAN.												
04...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
15...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
27...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
24...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
10...	.00	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
23...	.00	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
07...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
03...	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
17...	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JUNE												
02...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
15...	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.												
17...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
08...	.00	0	.00	--	--	--	2	2	0	0	<10	0
20...	.00	0	.00	--	--	--	--	--	--	--	--	--
NOV.												
07...	.00	0	.00	--	--	--	2	1	--	0	--	0
17...	.00	0	.00	--	--	--	2	1	3	0	<10	0
DEC.												
02...	.00	0	.00	--	--	--	2	1	0	0	<10	0
17...	.00	0	.00	--	--	--	3	1	4	0	<10	0
JAN.												
04...	.00	0	.00	--	--	--	2	1	0	0	<10	0
15...	.00	0	.00	--	--	--	4	1	0	0	<10	0
27...	.00	0	.00	--	--	--	3	1	0	0	<10	0
FEB.												
10...	.00	0	.00	--	--	--	3	1	1	0	10	0
24...	.00	0	.00	--	--	--	3	1	0	0	<10	0
MAR.												
10...	.00	0	.00	--	--	--	3	1	0	0	<10	0
23...	.00	0	.00	--	--	--	5	1	0	0	10	0
APR.												
07...	.00	0	.00	--	--	--	2	1	0	0	<10	0
20...	.00	0	.00	--	--	--	2	0	1	0	<10	0
MAY												
03...	.00	0	.00	--	--	--	1	1	1	1	<10	0
17...	.00	0	.00	--	--	--	4	1	1	0	30	0
JUNE												
02...	.00	0	.00	--	--	--	3	2	2	0	10	0
15...	.00	0	.00	--	--	--	3	1	5	0	10	0
AUG.												
17...	.00	0	.00	.01	.02	.00	2	1	0	0	20	0
SEP.												
03...	.00	0	.00	.03	.01	.00	2	2	0	0	20	0

290053089095700 SOUTH PASS (MILE 13.0 BHP) OF MISSISSIPPI RIVER NEAR PORT EADS, LA (CE 01850)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDE MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT. 08...	--	--	0	0	.1	.0	.1	--	--	20	0
NOV. 07...	--	--	--	0	.0	.0	.0	--	--	--	0
17...	--	--	0	0	.0	.0	.0	--	--	50	10
DEC. 02...	--	--	4	0	.0	.0	.0	--	--	30	10
17...	--	--	8	0	.0	.0	.0	--	--	40	0
JAN. 04...	5	3	6	0	.0	.0	.0	7	2	10	10
15...	6	1	0	0	.2	.1	.1	10	0	40	20
27...	7	2	8	0	.1	.1	.0	12	2	30	10
FEB. 10...	7	4	4	0	.0	.0	.0	13	0	40	0
24...	7	2	4	0	.0	.0	.0	10	0	30	0
MAR. 10...	11	4	12	0	.1	.1	.0	10	0	40	10
23...	11	4	5	0	.0	.0	.0	13	0	40	0
APR. 07...	6	6	3	0	.0	.0	.0	3	0	20	20
20...	5	4	0	0	.1	.0	.1	5	0	10	0
MAY 03...	5	5	0	0	.0	.0	.0	6	2	0	0
17...	9	4	4	0	.1	.1	.0	11	0	30	10
JUNE 02...	6	4	0	0	.8	.0	.5	4	2	70	10
15...	8	5	3	0	.3	.2	.1	10	4	40	0
AUG. 17...	6	6	2	0	.1	.0	.1	4	2	30	10
SEP. 03...	3	3	3	1	.4	.3	.1	4	2	10	0

MISSISSIPPI RIVER DELTA

285442089253000 SOUTHWEST PASS (MILE 20.2 BHP) OF MISSISSIPPI RIVER NEAR BURRWOOD, LA (CE 01670)

LOCATION.--Lat 28°54'42", long 89°25'30", Plaquemines Parish, 25 mi (40 km) south of Venice, 5.0 mi (8.0 km) southwest of Burrwood.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975-76.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
08...	1316	0	56	60	128	0	170	740	.86	.01	.87	--
20...	1031	10	68	86	109	0	140	1200	.99	.01	1.0	--
NOV.												
07...	1235	0	35	12	100	0	56	56	.92	.00	.92	--
17...	1226	0	47	40	106	0	110	450	.70	.01	.71	--
DEC.												
02...	1306	0	63	87	122	0	230	1200	.10	.05	.15	--
17...	1610	10	41	12	124	0	60	35	.16	.00	.16	--
JAN.												
04...	1422	0	38	13	128	0	56	34	1.1	.02	1.1	--
15...	0930	10	35	11	109	0	49	40	1.2	.04	1.2	.45
27...	0921	10	36	17	104	0	54	150	1.1	.02	1.1	1.2
FEB.												
10...	1332	10	36	10	122	0	43	22	1.0	.05	1.0	.86
24...	0934	0	39	13	116	0	52	52	1.1	.03	1.1	.72
MAR.												
10...	1145	80	34	9.4	92	0	44	21	1.4	.01	1.4	.62
23...	0945	80	34	10	105	0	50	43	1.5	.05	1.5	.94
APR.												
07...	1000	0	37	11	110	0	45	30	1.7	.02	1.7	.44
20...	1134	0	36	11	112	0	44	22	1.3	.01	1.3	.78
MAY												
03...	1039	0	41	15	135	0	54	55	1.6	.02	1.6	.70
17...	1242	10	38	12	117	0	46	36	2.0	.02	2.0	.81
JUNE												
02...	0943	50	45	29	130	0	76	270	1.9	.01	1.9	.27
15...	1020	30	47	25	139	0	78	220	1.8	.01	1.8	.57
AUG.												
17...	1150	0	90	180	133	0	410	2900	.79	.03	.82	.84
SEP.												
03...	1225	0	110	240	146	0	490	3400	.33	.09	.42	.49

285442089253000 SOUTHWEST PASS (MILE 20.2 BHP) OF MISSISSIPPI RIVER NEAR BURRWOOD, LA (CE 01670)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDED SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
08...	.29	26	--	390	290	2860	8.0	23.0	20	15	7.7	--
20...	.77	18	--	520	430	4290	8.0	21.0	10	8	7.4	--
NOV.												
07...	.82	26	--	140	58	483	8.0	19.0	3	30	7.7	--
17...	.20	23	--	280	190	1910	7.7	15.5	10	25	8.2	--
DEC.												
02...	.51	24	--	520	420	4340	7.8	13.5	5	15	9.0	--
17...	.45	78	--	150	48	409	7.8	10.0	15	40	9.2	--
JAN.												
04...	.13	112	<1.0	150	45	423	7.5	6.5	25	30	9.8	12
15...	.31	172	<1.0	130	43	367	7.6	5.0	20	75	10.8	10
27...	.30	180	<1.0	160	75	755	7.8	5.5	20	70	10.6	20
FEB.												
10...	.33	104	<1.0	130	30	361	7.8	7.0	15	50	9.3	10
24...	.28	97	<1.0	150	55	463	8.0	9.5	10	60	8.3	30
MAR.												
10...	.34	110	<1.0	120	48	317	7.8	--	35	70	9.0	20
23...	.39	226	<1.0	130	44	411	7.9	13.0	20	70	8.3	25
APR.												
07...	.20	37	<1.0	140	47	340	8.0	15.0	10	25	7.0	3
20...	.18	48	<1.0	140	43	340	8.2	18.5	10	35	8.6	7
MAY												
03...	1.8	36	<1.0	160	53	510	8.2	20.5	10	30	7.3	19
17...	7.1	105	<1.0	140	48	419	8.1	19.5	20	120	7.3	21
JUNE												
02...	.17	31	<1.0	230	130	1270	7.8	22.0	15	25	7.2	28
15...	.20	40	<1.0	220	110	1090	7.9	25.0	5	30	6.2	14
AUG.												
17...	.90	15	<1.0	970	860	8850	8.1	--	5	5	7.8	54
SEP.												
03...	.22	12	<1.0	1300	1200	10600	8.2	--	5	5	7.9	89

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (CCL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
08...	1.2	1400	70	4.0	.00	0	0	.00	.0	.00	.00	.00
20...	1.5	2100	25	4.4	.00	0	0	.00	.0	.00	.00	.00
NOV.												
07...	2.0	2400	360	7.1	.00	0	0	.00	.0	.00	.00	.00
17...	8.0	2800	220	4.6	.00	0	0	.00	.0	.00	.00	.00
DEC.												
02...	2.5	2000	160	6.6	.00	1	0	.00	.0	.00	.00	.00
17...	3.1	10000	220	5.8	.00	0	0	.00	.0	.00	.00	.00
JAN.												
04...	2.5	1600	240	5.0	.00	0	2	.00	.0	.00	.00	.00
15...	3.1	1000	130	9.4	.00	2	0	.00	.0	.00	.00	.00
27...	2.6	4500	380	3.2	.00	0	2	.00	.0	.00	.00	.00
FEB.												
10...	1.3	1800	220	5.2	.00	2	0	.00	.0	.00	.00	.00
24...	.7	1700	330	6.2	.00	3	0	.00	.0	.00	.00	.01
MAR.												
10...	2.2	2900	690	3.2	.00	0	0	.00	.0	.00	.00	.00
23...	1.6	3400	200	9.7	.00	1	0	.00	.0	.00	.00	.01
APR.												
07...	.0	1000	300	11	.00	1	0	.00	.0	.00	.00	.00
20...	2.8	3600	210	12	.00	1	0	.00	.0	.00	.00	.00
MAY												
03...	1.6	9400	420	4.3	.00	4	0	.00	.0	.00	.00	.00
17...	3.5	--	--	11	.00	1	0	.00	.0	.00	.00	.00
JUNE												
02...	5.0	5400	30	6.4	.00	0	0	.00	.0	.00	.00	.00
15...	5.4	16000	--	4.0	.00	2	2	--	--	--	--	--
AUG.												
17...	1.1	180	--	2.6	.00	5	4	.00	.0	.00	.00	.00
SEP.												
03...	2.2	--	10	1.8	.00	1	0	.00	.0	.00	.00	.00

MISSISSIPPI RIVER DELTA

285442089253000 SOUTHWEST PASS (MILE 20.2 BHP) OF MISSISSIPPI RIVER NEAR BURRWOOD, LA (CE 01670)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
08...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
07...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
17...	.01	<.01	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.03	.00	.00	.00	.00	.00	.00	<.01	.00	.00	.00	.0
17...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
04...	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
15...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
27...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
24...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
10...	.00	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
23...	.00	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
07...	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
20...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
03...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
17...	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JUNE												
02...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
15...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
17...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
08...	.00	0	.00	--	--	--	2	2	0	0	<10	0
20...	.00	0	.00	--	--	--	2	1	0	0	<10	0
NOV.												
07...	.00	0	.00	--	--	--	3	1	--	0	--	0
17...	.00	0	.00	--	--	--	2	1	2	0	<10	0
DEC.												
02...	.00	0	.00	--	--	--	1	1	2	0	<10	0
17...	.00	0	.00	--	--	--	--	1	1	0	<10	0
JAN.												
04...	.00	0	.00	--	--	--	3	1	0	0	<10	0
15...	.00	0	.00	--	--	--	5	1	0	0	10	0
27...	.00	0	.00	--	--	--	4	1	0	0	<10	0
FEB.												
10...	.00	0	.00	--	--	--	3	1	0	0	10	0
24...	.00	0	.00	--	--	--	3	1	0	0	10	0
MAR.												
10...	.00	0	.00	--	--	--	2	1	0	0	20	0
23...	.00	0	.00	--	--	--	3	1	0	0	20	0
APR.												
07...	.00	0	.00	--	--	--	2	1	0	0	10	0
20...	.00	0	.00	--	--	--	1	1	1	1	<10	0
MAY												
03...	.00	0	.00	--	--	--	2	1	1	0	<10	0
17...	.00	0	.00	--	--	--	4	1	1	1	10	0
JUNE												
02...	.00	0	.00	--	--	--	2	2	0	0	10	0
15...	--	--	--	.00	.00	.00	2	1	5	0	20	0
AUG.												
17...	.00	0	.00	.05	.02	.00	2	1	0	0	30	0
SEP.												
03...	.00	0	.00	.02	.01	.00	2	2	0	0	20	0

285442089253000 SOUTHWEST PASS (MILE 20.2 BHP) OF MISSISSIPPI RIVER NEAR BURRWOOD, LA (CE 01670)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDE MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
08...	--	--	0	0	.1	.0	.1	--	--	20	1
20...	--	--	8	2	.0	.0	.0	--	--	20	10
NOV.											
07...	--	--	--	0	.0	.0	.0	--	--	--	3
17...	--	--	5	0	.0	.0	.0	--	--	40	10
DEC.											
02...	--	--	0	0	.0	.0	.0	--	--	20	10
17...	--	--	8	0	--	--	.0	--	--	30	0
JAN.											
04...	5	2	8	0	.2	.0	.2	7	2	30	10
15...	7	1	3	0	.3	.2	.1	8	2	30	10
27...	6	4	8	0	.1	.0	.1	13	0	20	20
FEB.											
10...	5	1	2	0	.0	.0	.0	11	0	30	0
24...	7	3	6	0	.0	.0	.0	10	0	30	0
MAR.											
10...	7	3	9	0	.0	.0	.0	11	0	40	0
23...	11	5	7	0	.0	.0	.0	13	4	40	10
APR.											
07...	6	3	9	0	.0	.0	.0	12	0	20	10
20...	4	4	5	0	.2	.2	.0	5	0	40	0
MAY											
03...	6	5	0	0	.1	.0	.1	5	3	10	0
17...	8	4	4	0	.1	.1	.0	17	0	20	0
JUNE											
02...	--	9	4	0	.2	.0	.2	5	0	70	20
15...	7	7	7	0	.2	.0	.2	10	4	30	0
AUG.											
17...	6	4	1	0	.1	.0	.1	3	1	30	20
SEP.											
03...	3	3	2	0	.1	.0	.1	3	2	30	10

07375000 TCHEFUNCTA RIVER NEAR FOLSOM, LA

LOCATION.--Lat 30°36'55", long 90°14'55", on line between SE¼NE¼ and SW¼NE¼ sec.13, T.5 S., R.9 E., St. Helena meridian, Tangipahoa Parish, near center of span on downstream side of bridge on State Highway 40, 1.2 mi (1.9 km) upstream from Bull Branch, and 3.6 mi (5.8 km) southwest of Folsom.

DRAINAGE AREA.--95.5 mi² (247.3 km²), not including Bull Branch which has a drainage area of 7.5 mi² (19.4 km²) at Highway 40. Total drainage area for extreme floods is 103 mi² (267 km²).

REVISED RECORDS.--WSP 1057: 1944(M), 1945. WSP 1281: 1953(M).

PERIOD OF RECORD.--October 1943 to current year. Prior to January 1944 monthly discharge only, published in WSP 1311. Prior to October 1954, published as Chefunct River near Folsom.

GAGE.--Water-stage recorder. Datum of gage is 62.11 ft (18.931 m) above mean sea level (Louisiana Geodetic Survey bench mark). Prior to June 9, 1944, nonrecording gage at same site and datum.

REMARKS.--Records good. Records of dissolved oxygen and water temperatures for the water year 1976 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--33 years, 159 ft³/s (4.503 m³/s), 22.61 in/yr (574 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 29,200 ft³/s (827 m³/s) May 3, 1953, gage height, 22.26 ft (6.785 m), from rating curve extended above 12,400 ft³/s (351 m³/s) by contracted-opening measurement at gage height 22.10 ft (6.736 m); minimum discharge, 26 ft³/s (0.74 m³/s) Sept. 14, 15, 1968; minimum gage height, 4.80 ft (1.463 m) Oct. 5, 6, 1970.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 1,300 ft³/s (37 m³/s): No peak above base. Maximum discharge, 1,030 ft³/s (29.2 m³/s) Jan. 4, gage height, 13.56 ft (4.133 m); minimum discharge, 41 ft³/s (1.16 m³/s) part of each day, Sept. 18-27; minimum gage height, 5.19 ft (1.582 m) Sept. 20, 21, 23, 24, 26, 27.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	64	73	70	127	302	81	118	74	53	146	49	58
2	77	73	78	102	575	79	159	86	59	174	97	130
3	75	73	72	310	385	78	117	64	60	137	294	77
4	65	73	68	936	190	77	100	59	53	119	117	54
5	64	79	66	526	152	76	91	57	51	85	68	56
6	64	91	65	224	159	79	85	56	52	180	58	92
7	64	92	68	187	220	95	80	57	52	175	54	89
8	65	82	70	309	171	92	77	73	52	89	54	58
9	64	79	68	241	138	105	73	84	50	66	56	50
10	63	79	66	153	122	108	70	67	49	177	49	48
11	62	80	65	129	112	90	67	64	48	323	47	46
12	61	83	64	120	106	82	66	70	48	114	46	45
13	61	73	64	114	100	79	65	67	47	117	45	44
14	60	64	64	106	95	77	65	73	46	84	45	44
15	60	63	64	98	91	81	63	77	46	68	45	43
16	68	62	67	90	88	86	63	65	47	62	44	43
17	117	62	69	86	87	86	62	59	56	57	44	42
18	274	62	68	82	86	81	61	56	173	61	44	41
19	218	62	67	78	84	76	60	54	120	59	43	41
20	98	63	64	76	81	75	59	54	65	54	42	41
21	81	65	64	75	135	74	59	53	56	52	42	41
22	74	65	64	74	289	73	66	53	52	51	43	41
23	71	62	63	73	192	71	62	54	49	49	47	41
24	69	62	63	73	121	70	59	54	49	70	70	41
25	68	61	66	73	104	632	59	55	48	170	49	41
26	66	63	89	90	96	684	63	54	47	115	52	41
27	65	78	88	141	91	546	60	53	50	62	153	41
28	65	84	73	99	86	649	58	54	49	53	88	42
29	65	72	111	82	83	314	57	57	48	51	64	43
30	64	69	240	77	---	176	57	54	65	53	62	43
31	73	---	205	78	---	145	---	53	---	51	53	---
TOTAL	2505	2149	2473	5029	4541	4767	2261	1910	1740	3124	2064	1557
MEAN	80.8	71.6	79.8	162	157	154	75.4	61.6	58.0	101	66.6	51.9
MAX	274	92	240	936	575	684	174	86	173	323	294	130
MIN	60	61	63	73	81	70	57	53	46	49	42	41
CFSM	.85	.75	.84	1.70	1.64	1.61	.74	.65	.61	1.06	.70	.54
IN.	.98	.84	.96	1.96	1.77	1.46	.88	.74	.68	1.22	.80	.61
CAL YR 1975	TOTAL	77323	MEAN	212	MAX	5090	MIN	60	CFSM	2.22	IN	30.12
WTR YR 1976	TOTAL	34120	MEAN	93.2	MAX	936	MIN	41	CFSM	.98	IN	13.29

MISSISSIPPI RIVER DELTA

07375000 TCHEFUNTA RIVER NEAR FOLSOM, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.76	5.92	5.88	6.81	8.69	5.90	7.31	5.79	5.47	6.84	5.39	5.54
2	6.00	5.92	6.01	6.42	11.02	5.87	7.03	5.97	5.57	7.22	6.10	6.62
3	5.96	5.92	5.90	8.61	9.35	5.86	6.43	5.65	5.58	6.71	8.62	5.84
4	5.79	5.93	5.83	13.08	7.48	5.85	6.18	5.57	5.46	6.45	6.42	5.49
5	5.76	6.03	5.80	10.59	6.94	5.83	6.05	5.53	5.43	5.96	5.71	5.52
6	5.76	6.24	5.79	8.03	7.04	5.88	5.96	5.52	5.45	7.28	5.55	6.06
7	5.77	6.25	5.83	7.62	7.85	6.11	5.89	5.53	5.45	7.24	5.49	6.02
8	5.78	6.07	5.88	8.90	7.20	6.07	5.84	5.77	5.44	6.01	5.48	5.55
9	5.77	6.03	5.84	8.22	6.73	6.25	5.78	5.95	5.41	5.69	5.51	5.41
10	5.74	6.04	5.80	7.19	6.50	6.29	5.74	5.70	5.39	7.16	5.39	5.37
11	5.72	6.05	5.78	6.84	6.36	6.03	5.70	5.65	5.37	8.83	5.35	5.33
12	5.71	6.10	5.77	6.71	6.27	5.92	5.69	5.74	5.37	6.40	5.33	5.30
13	5.71	5.93	5.76	6.62	6.18	5.88	5.67	5.70	5.35	6.42	5.31	5.28
14	5.70	5.77	5.76	6.49	6.11	5.85	5.66	5.78	5.33	5.95	5.30	5.27
15	5.70	5.74	5.77	6.35	6.05	5.90	5.64	5.85	5.32	5.72	5.29	5.25
16	5.83	5.73	5.81	6.22	6.01	5.98	5.63	5.67	5.34	5.62	5.28	5.24
17	6.67	5.73	5.85	6.15	5.99	5.98	5.61	5.57	5.50	5.54	5.27	5.23
18	8.57	5.73	5.84	6.08	5.97	5.91	5.60	5.52	7.21	5.60	5.26	5.21
19	7.92	5.73	5.81	6.02	5.94	5.83	5.58	5.49	6.46	5.57	5.24	5.21
20	6.35	5.74	5.77	5.99	5.90	5.81	5.57	5.48	5.67	5.49	5.23	5.20
21	6.06	5.78	5.76	5.96	6.66	5.80	5.57	5.46	5.52	5.44	5.23	5.20
22	5.95	5.78	5.76	5.95	8.60	5.79	5.67	5.46	5.44	5.42	5.24	5.20
23	5.89	5.73	5.74	5.93	7.47	5.76	5.61	5.49	5.39	5.39	5.34	5.20
24	5.86	5.72	5.74	5.92	6.49	5.74	5.57	5.49	5.38	5.68	5.74	5.19
25	5.84	5.71	5.80	5.93	6.24	7.42	5.57	5.50	5.36	7.17	5.38	5.20
26	5.80	5.74	6.20	6.22	6.12	11.66	5.64	5.49	5.35	6.40	5.42	5.21
27	5.79	6.01	6.19	7.01	6.05	11.13	5.59	5.47	5.40	5.62	6.92	5.21
28	5.74	6.12	5.93	6.37	5.98	11.48	5.55	5.48	5.38	5.47	6.01	5.22
29	5.77	5.91	6.56	6.09	5.93	8.74	5.53	5.54	5.37	5.42	5.65	5.24
30	5.76	5.85	8.22	6.00	--	7.28	5.54	5.49	5.67	5.46	5.61	5.26
31	5.92	--	7.82	6.01	--	6.84	--	5.47	--	5.42	5.46	--
MEAN	6.01	5.90	6.00	6.98	6.87	6.68	5.81	5.61	5.53	6.15	5.63	5.40
MAX	8.57	6.25	8.22	13.08	11.02	11.66	7.31	5.97	7.21	8.83	8.62	6.62
MIN	5.70	5.71	5.74	5.92	5.90	5.74	5.53	5.46	5.32	5.39	5.23	5.19

MISSISSIPPI RIVER DELTA

07375500 TANGIPAHOA RIVER AT ROBERT, LA

LOCATION.--Lat 30°30'23", long 90°21'42", in lot 39, T.6 S., R.8 E., St. Helena meridian, Tangipahoa Parish, near left bank on downstream side of bridge on U.S. Highway 190, 1.2 mi (1.9 km) west of Robert, 2.8 mi (4.5 km) downstream from Chappelpeela Creek, and 6.0 mi (9.7 km) east of Hammond.

DRAINAGE AREA.--646 mi² (1,673 km²).

PERIOD OF RECORD.--October 1938 to current year.

GAGE.--Water-stage recorder. Datum of gage is 6.87 ft (2.094 m) above mean sea level. Prior to Nov. 25, 1939, nonrecording gage at same site and datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--38 years, 1,106 ft³/s (31.32 m³/s), 23.25 in/yr (591 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 50,500 ft³/s (1,430 m³/s) May 3, 1953, gage height, 23.13 ft (7.050 m); minimum discharge, 245 ft³/s (6.94 m³/s) Oct. 30 to Nov. 3, 1968; minimum gage height, 2.95 ft (0.899 m) Oct. 25, 1939.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in 1921 reached a stage of 27.1 ft (8.26 m), from floodmark.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 5,000 ft³/s (140 m³/s): No peak above base. Maximum discharge, 4,010 ft³/s (114 m³/s) Mar. 26, gage height, 13.18 ft (4.019 m); minimum discharge, 347 ft³/s (9.83 m³/s) Aug. 21; minimum gage height, 5.06 ft (1.542 m) Sept. 23.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	687	654	699	1230	1660	566	2210	458	517	946	448	458
2	897	644	879	1070	2690	560	2280	464	503	758	577	497
3	1900	637	831	2150	2110	555	1880	455	488	614	926	461
4	1850	636	754	3520	1390	554	1140	448	479	563	530	439
5	1190	683	689	2950	1060	550	886	444	479	520	439	437
6	915	828	656	1780	1350	547	759	442	490	655	423	515
7	808	829	636	1570	1280	557	687	454	526	705	407	579
8	752	734	634	1880	1050	577	632	492	491	621	396	454
9	717	694	639	1540	1010	589	587	506	471	610	394	416
10	688	677	624	1120	887	710	561	506	462	583	383	401
11	665	669	613	950	787	686	540	514	457	760	377	389
12	649	646	599	879	725	646	526	534	453	554	372	383
13	636	605	588	837	684	606	515	515	449	548	369	380
14	626	581	583	795	658	598	508	529	445	528	369	371
15	617	538	582	753	637	626	501	575	441	503	369	367
16	712	511	584	727	622	814	494	591	449	483	372	364
17	1420	487	592	684	614	1430	487	570	502	527	367	364
18	2340	485	609	659	602	1790	482	529	546	566	360	363
19	2340	484	635	636	591	1470	474	500	508	518	354	361
20	1540	510	616	616	579	984	470	483	469	487	351	362
21	1100	538	598	604	914	790	469	472	464	480	350	363
22	925	546	587	595	1110	747	465	469	453	465	352	361
23	837	541	581	589	834	775	460	470	445	462	353	358
24	786	536	573	580	732	725	455	468	441	485	355	358
25	754	536	591	596	672	1830	460	470	438	661	360	357
26	727	554	629	828	624	3760	468	470	455	539	352	356
27	707	609	717	1290	600	3500	467	492	461	506	379	360
28	701	841	686	1190	583	2460	456	501	447	480	427	365
29	689	798	1230	1140	572	1750	448	556	524	461	503	369
30	674	720	1720	849	---	1140	450	583	716	464	532	370
31	659	---	1550	748	---	1600	---	543	---	459	450	---
TOTAL	30508	18751	22504	35355	27627	34492	21217	15503	14469	17511	12996	11978
MEAN	984	625	726	1140	953	1113	707	500	482	565	419	399
MAX	2340	841	1720	3520	2690	3760	2280	591	716	946	926	579
MIN	617	484	573	580	572	547	448	442	438	459	350	356
CFSM	1.52	.97	1.12	1.76	1.48	1.72	1.09	.77	.75	.87	.65	.62
IN.	1.76	1.08	1.30	2.04	1.59	1.99	1.22	.89	.83	1.01	.75	.69
CAL YR 1975	TOTAL	625293	MEAN	1713	MAX	13600	MIN	484	CFSM	2.65	IN	36.01
WTR YR 1976	TOTAL	262911	MEAN	718	MAX	3760	MIN	350	CFSM	1.11	IN	15.14

07375500 TANGIPAHOA RIVER AT ROBERT, LA

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.51	6.28	6.60	8.09	9.19	6.22	10.47	5.77	5.84	7.27	5.42	5.79
2	7.13	6.25	7.12	7.64	11.45	6.19	10.63	5.80	5.74	6.73	6.02	6.02
3	9.76	6.22	6.99	10.11	10.23	6.17	9.69	5.74	5.66	6.27	7.27	5.81
4	9.63	6.22	6.76	12.65	8.60	6.15	7.95	5.68	5.61	6.05	6.10	5.67
5	7.97	6.38	6.56	11.81	7.80	6.13	7.30	5.65	5.61	5.84	5.66	5.65
6	7.18	6.89	6.46	9.47	8.48	6.12	6.97	5.63	5.67	6.38	5.57	6.08
7	6.88	6.89	6.39	8.96	8.35	6.17	6.77	5.69	5.87	6.57	5.48	6.39
8	6.72	6.56	6.38	9.70	7.77	6.25	6.61	5.91	5.68	6.29	5.41	5.75
9	6.61	6.43	6.40	8.92	7.67	6.30	6.46	5.99	5.66	6.24	5.40	5.52
10	6.52	6.37	6.34	7.95	7.33	6.72	6.35	5.98	5.51	6.14	5.33	5.41
11	6.45	6.33	6.30	7.50	7.03	6.64	6.26	6.01	5.47	6.73	5.29	5.32
12	6.39	6.32	6.25	7.30	6.84	6.50	6.20	6.11	5.45	6.01	5.27	5.29
13	6.35	6.25	6.21	7.18	6.72	6.36	6.15	6.00	5.43	5.99	5.26	5.25
14	6.31	6.20	6.19	7.06	6.62	6.32	6.10	6.06	5.40	5.89	5.25	5.19
15	6.28	6.16	6.19	6.94	6.55	6.42	6.07	6.27	5.38	5.74	5.25	5.17
16	6.58	6.14	6.19	6.86	6.49	7.00	6.04	6.33	5.43	5.64	5.27	5.15
17	8.57	6.14	6.23	6.73	6.46	8.63	6.00	6.23	5.74	5.86	5.24	5.13
18	10.74	6.13	6.29	6.65	6.41	9.51	5.97	6.02	5.98	6.07	5.20	5.12
19	10.72	6.12	6.38	6.56	6.37	8.72	5.93	5.86	5.78	5.83	5.15	5.11
20	8.88	6.14	6.31	6.49	6.32	7.46	5.91	5.76	5.55	5.66	5.13	5.11
21	7.71	6.16	6.25	6.45	7.31	6.94	5.91	5.68	5.52	5.62	5.12	5.11
22	7.19	6.18	6.21	6.42	7.92	6.81	5.89	5.65	5.45	5.53	5.13	5.10
23	6.91	6.13	6.18	6.40	7.13	6.90	5.85	5.65	5.40	5.51	5.14	5.08
24	6.75	6.10	6.15	6.36	6.83	6.75	5.82	5.63	5.38	5.63	5.15	5.08
25	6.63	6.09	6.22	6.41	6.64	9.47	5.84	5.62	5.36	6.41	5.18	5.07
26	6.54	6.15	6.36	7.15	6.47	12.91	5.87	5.62	5.46	5.95	5.12	5.07
27	6.48	6.37	6.65	8.39	6.37	12.61	5.86	5.73	5.50	5.77	5.30	5.10
28	6.45	7.07	6.56	8.14	6.31	10.98	5.78	5.78	5.42	5.62	5.61	5.13
29	6.40	6.93	8.05	8.00	6.26	9.40	5.73	6.05	5.86	5.50	6.06	5.16
30	6.35	6.68	9.32	7.22	---	7.96	5.73	6.18	6.58	5.52	6.23	5.16
31	6.30	---	8.90	6.92	---	9.05	---	5.98	---	5.49	5.75	---
MEAN	7.29	6.34	6.63	7.82	7.38	7.61	6.60	5.87	5.61	5.99	5.48	5.37
MAX	10.74	7.07	9.32	12.65	11.45	12.91	10.63	6.33	6.58	7.27	7.27	6.39
MIN	6.28	6.09	6.15	6.36	6.26	6.12	5.73	5.62	5.36	5.49	5.12	5.07

WTR YR 1976 MEAN 6.50 MAX 12.91 MIN 5.07

07375500 TANGIPAHOA RIVER AT ROBERT, LA --Continued

WATER QUALITY RECORDS

PERIOD OF RECORD.--Water years 1943, 1954-56, 1966-76.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HC03) (MG/L)	CARBONATE (C03) (MG/L)	ALKALINITY AS CAC03 (MG/L)	DIS-SOLVED SULFATE (S04) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)
NOV. 25...	1350	14	2.9	1.1	5.1	1.3	14	0	11	1.6	5.3	.4
FEB. 26...	0810	11	2.6	.8	5.3	1.5	15	0	12	.8	7.8	.1
APR. 15...	0800	13	1.9	.6	4.5	1.3	12	0	10	2.1	4.7	.1
JULY 09...	1147	11	2.0	1.2	5.3	2.3	13	0	11	2.7	7.5	.1

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)
NOV. 25...	.17	.00	.17	.05	42	39	.06	12	1	45	.6	48
FEB. 26...	.18	.00	.18	.06	50	37	.07	10	0	50	.7	55
APR. 15...	.27	.00	.27	.07	35	34	.05	7	0	52	.7	46
JULY 09...	--	--	.33	.11	32	39	.04	10	0	47	.7	50

DATE	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	CARBON DIOXIDE (C02) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	PHENOLS (UG/L)	CYANIDE (CN) (MG/L)
NOV. 25...	6.8	11.0	10	3	10.3	.9	3.6	47	20	--	--	--
FEB. 26...	7.0	15.0	20	7	9.0	1.2	2.4	42	100	--	--	--
APR. 15...	7.0	21.0	10	7	8.2	1.0	1.9	20	140	2.0	0	.00
JULY 09...	6.9	27.0	20	20	7.5	2.6	2.6	1000	710	--	--	--

07375500 TANGIPAHOA RIVER AT ROBERT, LA --Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL CHLOR- DANE (UG/L)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DI- AZINON (UG/L)
APR. 15...	.00	.0	.0	5	.00	.0	.00	.0	.00	.0	.00
DATE	TOTAL DI- ELDRIN (UG/L)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	
APR. 15...	.00	.4	.00	.0	.00	.00	.0	.00	.0	.00	
DATE	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)	
APR. 15...	.0	.00	.00	.00	.00	.0	0	.00	0	0	
DATE	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	
APR. 15...	.00	.00	.00	.00	0	1	0	<10	0	<10	
DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	TOTAL MANGA- NESE IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)	
APR. 15...	2	<10	0	<10	.1	.0	50	180	0	<10	

07376000 TICKFAW RIVER AT HOLDEN, LA

LOCATION.--Lat 30°30'13", long 91°40'38", in sec.26, T.7 S., R.5 E., St. Helena meridian, Livingston Parish, near left bank on downstream side of bridge on U.S. Highway 190, 0.5 mi (0.8 km) west of Holden, and 5.1 mi (8.2 km) upstream from Big Branch.

DRAINAGE AREA.--247 mi² (640 km²).

PERIOD OF RECORD.--October 1940 to current year.

REVISED RECORDS.--WSP 1711: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 19.15 ft (5.837 m) above mean sea level. Prior to Sept. 13, 1944, nonrecording gage, Sept. 14, 1944, to June 14, 1949, water-stage recorder, June 15, 1949, to Dec. 9, 1949, nonrecording gage at same site and datum.

REMARKS.--Records good except those for period of no gage-height record, which are fair.

AVERAGE DISCHARGE.--36 years, 356 ft³/s (10.08 m³/s), 19.57 in/yr (497 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 19,000 ft³/s (538 m³/s) May 23, 1974, gage height, 20.37 ft (6.201 m); minimum discharge, 65 ft³/s (1.84 m³/s) Oct. 1, 2, 3, 4, 1969; minimum gage height, 0.93 ft (0.283 m) Sept. 26, 27, 1976.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 2,000 ft³/s (57 m³/s): No peak above base. Maximum discharge, 1,470 ft³/s (41.6 m³/s) Mar. 27, gage height, 8.43 ft (2.569 m); minimum, 85 ft³/s (2.41 m³/s) Sept. 26, 27, gage height, 0.93 ft (0.283 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	160	142	153	270	350	148	447	122	113	219	113	145
2	168	140	154	238	500	146	550	122	113	296	118	156
3	236	139	171	360	360	145	507	121	111	374	212	118
4	503	143	177	469	240	143	334	118	110	179	218	109
5	746	145	162	498	200	141	257	118	111	137	164	106
6	539	149	154	545	450	139	232	117	114	196	155	107
7	288	152	149	488	350	141	208	118	140	224	254	111
8	232	146	149	362	280	143	189	131	147	156	212	103
9	204	143	147	338	240	145	178	135	118	134	161	103
10	186	142	144	300	210	157	158	157	110	161	127	98
11	174	140	143	280	200	172	161	134	108	211	115	95
12	166	138	141	250	191	166	155	135	106	339	110	93
13	160	136	139	220	180	154	151	143	105	498	106	92
14	156	134	139	210	174	151	148	140	104	324	104	92
15	153	133	138	190	168	150	145	164	103	191	103	91
16	168	134	138	180	165	155	142	167	103	160	102	91
17	174	134	138	170	162	182	139	158	114	139	99	90
18	189	134	138	175	160	257	136	144	130	132	98	89
19	281	134	139	160	157	334	134	131	119	163	96	89
20	361	134	139	160	155	256	132	125	108	153	94	88
21	259	134	138	155	167	204	133	122	104	131	93	88
22	208	134	137	155	189	180	130	119	102	121	93	88
23	183	133	137	150	178	168	129	118	103	116	92	87
24	170	132	136	150	166	160	127	118	106	115	94	87
25	162	132	140	150	174	256	128	118	103	110	93	86
26	157	136	143	160	160	1130	134	116	100	108	106	86
27	154	141	148	220	155	1380	127	121	117	113	144	90
28	151	155	150	230	152	1250	125	115	155	118	194	91
29	147	165	257	210	150	770	122	114	125	110	156	89
30	146	163	289	180	---	426	122	114	162	109	123	89
31	143	---	284	180	---	358	---	113	---	112	139	---
TOTAL	7124	4218	4911	7783	5345	10027	5401	3988	3464	5649	4088	2947
MEAN	230	141	158	251	219	323	193	129	115	182	132	98.2
MAX	746	165	289	545	500	1380	550	167	162	498	254	156
MIN	143	132	136	150	150	139	122	113	100	108	92	86
CFSM	.93	.57	.64	1.02	.89	1.31	.78	.52	.47	.74	.53	.40
IN.	1.07	.64	.74	1.17	.96	1.51	.87	.60	.52	.85	.62	.44

CAL YR 1975 TOTAL 179816 MEAN 493 MAX 5110 MIN 132 CFSM 2.00 IN 27.04
WTR YR 1976 TOTAL 65345 MEAN 181 MAX 1380 MIN 86 CFSM .73 IN 4.99

07376000 TICKFAW RIVER AT HOLDEN, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.84	1.65	1.77	2.65	---	1.72	3.74	1.42	1.31	2.31	1.31	1.67
2	1.92	1.64	1.78	2.44	---	1.70	4.30	1.42	1.31	2.80	1.37	1.80
3	2.41	1.63	1.94	3.21	---	1.69	4.05	1.41	1.29	3.29	2.23	1.37
4	4.04	1.66	1.99	3.85	---	1.67	3.05	1.38	1.27	2.00	2.30	1.26
5	5.33	1.71	1.86	4.01	---	1.65	2.63	1.37	1.29	1.61	1.87	1.23
6	4.20	1.72	1.78	4.27	---	1.63	2.39	1.36	1.33	2.13	1.76	1.24
7	2.76	1.71	1.73	3.79	---	1.65	2.22	1.37	1.63	2.34	2.55	1.29
8	2.40	1.70	1.73	3.22	---	1.67	2.09	1.54	1.70	1.79	2.26	1.18
9	2.20	1.68	1.71	3.06	---	1.69	2.00	1.59	1.38	1.57	1.84	1.18
10	2.07	1.66	1.68	---	---	1.81	1.72	1.79	1.28	1.83	1.49	1.12
11	1.97	1.64	1.67	---	---	1.95	1.85	1.58	1.25	2.25	1.34	1.07
12	1.90	1.62	1.65	---	2.11	1.90	1.79	1.59	1.23	3.03	1.27	1.05
13	1.84	1.60	1.63	---	2.02	1.78	1.75	1.67	1.21	3.98	1.23	1.03
14	1.80	1.58	1.63	---	1.97	1.75	1.72	1.64	1.20	2.98	1.20	1.03
15	1.77	1.55	1.62	---	1.92	1.74	1.70	1.88	1.19	2.11	1.18	1.02
16	1.91	1.57	1.62	---	1.89	1.78	1.66	1.91	1.18	1.84	1.16	1.01
17	1.97	1.57	1.62	---	1.86	2.03	1.62	1.81	1.32	1.63	1.13	1.00
18	2.10	1.57	1.62	---	1.84	2.57	1.60	1.68	1.53	1.55	1.11	.99
19	2.71	1.57	1.63	---	1.81	3.05	1.57	1.54	1.39	1.86	1.08	.98
20	3.22	1.58	1.63	---	1.79	2.56	1.55	1.46	1.25	1.77	1.06	.97
21	2.54	1.57	1.62	---	1.91	2.20	1.55	1.42	1.20	1.54	1.05	.97
22	2.22	1.57	1.61	---	2.09	2.02	1.53	1.39	1.17	1.41	1.04	.97
23	2.04	1.56	1.61	---	2.00	1.92	1.51	1.37	1.18	1.35	1.03	.96
24	1.93	1.55	1.60	---	2.08	1.85	1.49	1.38	1.23	1.34	1.06	.96
25	1.86	1.55	1.64	---	1.97	4.18	1.50	1.38	1.19	1.28	1.04	.94
26	1.81	1.50	1.67	---	1.84	7.16	1.58	1.34	1.14	1.25	1.21	.94
27	1.78	1.66	1.72	---	1.79	8.13	1.49	1.41	1.33	1.30	1.67	1.00
28	1.75	1.78	1.74	---	1.75	7.61	1.45	1.34	1.78	1.37	2.12	1.02
29	1.73	1.89	2.57	---	1.74	5.39	1.43	1.32	1.46	1.28	1.80	.99
30	1.70	1.87	2.76	---	---	3.60	1.42	1.33	1.82	1.26	1.44	.99
31	1.67	---	2.74	---	---	3.26	---	1.31	---	1.29	1.63	---
MEAN	2.30	1.64	1.74	---	---	2.75	2.01	1.50	1.33	1.91	1.48	1.11
MAX	5.33	1.84	2.76	---	---	8.13	4.30	1.91	1.82	3.98	2.55	1.80
MIN	1.67	1.55	1.60	---	---	1.63	1.42	1.31	1.14	1.25	1.03	.94

07376000 TICKFAW RIVER AT HOLDEN, LA --Continued

WATER QUALITY RECORDS

PERIOD OF RECORD.--Water years 1944, 1954-57, 1962, 1966-68, 1973-76.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CaCO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)
NOV. 25...	1450	12	1.9	.7	3.5	.9	10	0	8	.8	3.3	.0
FEB. 26...	0915	10	1.7	.5	3.4	1.0	12	0	10	1.4	4.6	.1
APR. 15...	1545	12	1.5	.5	3.7	1.5	10	0	8	1.6	4.5	.1
JULY 09...	1322	8.2	2.3	.8	4.0	2.6	12	0	10	3.3	5.8	.1

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)
NOV. 25...	.06	.00	.06	.02	35	28	.05	8	0	46	.6	32
FEB. 26...	.11	.01	.12	.05	42	29	.06	6	0	49	.6	35
APR. 15...	.19	.00	.19	.05	--	30	.04	6	0	51	.7	35
JULY 09...	--	--	.36	.15	38	33	.05	9	0	41	.6	48

DATE	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	PHENOLS (UG/L)	CYANIDE (CN) (MG/L)
NOV. 25...	6.9	10.0	15	3	11.0	1.1	2.0	17	52	--	--	--
FEB. 26...	6.9	14.0	25	8	9.2	--	2.4	40	110	--	--	--
APR. 15...	7.1	23.0	20	7	8.9	1.2	1.3	<5	60	2.4	0	.00
JULY 09...	6.9	25.0	40	20	8.1	2.4	2.4	--	--	--	--	--

07376000 TICKFAW RIVER AT HOLDEN, LA --Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL CHLOR- DANE (UG/L)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDU IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DI- AZINON (UG/L)
APR. 15...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00

DATE	TOTAL DIELDRIN (UG/L)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)
APR. 15...	.00	.0	.00	.0	.00	.00	.0	.00	.0	.00

DATE	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLORINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
APR. 15...	.0	.00	.00	.00	.00	.0	0	.00	0	0

DATE	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)
APR. 15...	.00	.00	.00	.00	0	3	2	<10	0	<10

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	TOTAL MANGA- NESE IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
APR. 15...	6	<10	0	30	.0	.0	40	70	10	<10

07376500 NATALBANY RIVER AT BAPTIST, LA

LOCATION.--Lat 30°30'15", long 90°32'45", in NE¼NW¼ sec.30, T.6 S., R.7 E., St. Helena meridian, Tangipahoa Parish, near right bank on downstream side of bridge on U.S. Highway 190, 0.7 mi (1.1 km) downstream from Still Branch, and 0.7 mi (1.1 km) west of Baptist.

DRAINAGE AREA.--79.5 mi² (205.9 km²).

PERIOD OF RECORD.--August 1943 to current year.

REVISED RECORDS.--WSP 1057: 1943.

GAGE.--Water-stage recorder. Datum of gage is 11.28 ft (3.438 m) above mean sea level. Prior to June 4, 1948, nonrecording gage, and June 4, 1948, to Apr. 13, 1950, water-stage recorder at old highway bridge 100 ft (30 m) upstream at same datum.

REMARKS.--Records good. Records of dissolved oxygen and water temperatures for the water year 1976 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--33 years, 112 ft³/s (3.17 m³/s), 19.13 in/yr (486 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,550 ft³/s (270 m³/s) May 3, 1953, gage height, 19.73 ft (6.014 m); minimum discharge, 1.8 ft³/s (0.051 m³/s) Nov. 2-5, 1963; minimum gage height, 2.88 ft (0.878 m) Sept. 2, 1973.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 1,500 ft³/s (42.5 m³/s) and maximum: Mar. 25 (2030), 1,510 ft³/s (42.8 m³/s), gage height, 11.62 ft (3.542 m); minimum discharge, 6.6 ft³/s (0.19 m³/s) Aug. 17, gage height, 3.13 ft (0.954 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	14	15	39	398	20	60	16	17	201	8.7	175
2	17	14	13	29	232	20	47	15	16	96	127	45
3	17	14	12	718	102	20	36	15	15	39	47	22
4	17	15	11	278	56	19	30	15	33	62	18	50
5	17	16	11	113	41	19	27	15	28	26	16	38
6	16	16	13	61	582	20	26	15	33	232	26	49
7	16	15	13	264	179	19	23	18	22	69	24	25
8	16	14	11	158	90	20	22	34	12	32	16	16
9	15	14	11	73	59	20	20	20	11	20	10	12
10	15	14	11	47	45	20	19	33	9.8	18	8.0	11
11	15	14	11	36	38	19	19	18	9.0	22	8.0	10
12	15	14	11	34	35	18	18	26	10	24	7.6	9.5
13	15	13	11	30	31	18	18	39	9.2	24	7.6	9.3
14	15	13	11	27	29	20	18	32	9.2	21	7.6	11
15	15	13	11	24	28	20	17	19	8.7	11	7.5	8.8
16	135	13	12	22	27	21	17	16	9.0	9.0	7.1	9.1
17	195	13	11	20	26	25	16	16	35	10	6.9	8.2
18	57	13	11	19	25	20	16	15	30	10	7.5	8.9
19	31	14	11	18	24	18	16	15	12	9.0	7.6	16
20	22	14	11	17	22	17	16	14	10	8.7	7.5	8.5
21	19	13	11	16	45	17	17	15	9.5	8.7	8.2	8.4
22	18	13	11	16	60	17	16	15	8.7	8.2	8.0	8.2
23	17	13	10	15	32	16	16	15	9.2	8.2	7.6	8.4
24	16	12	10	15	26	19	16	18	9.0	12	7.6	8.2
25	15	13	13	17	23	977	16	16	8.7	12	7.5	8.2
26	15	18	14	55	22	1010	19	15	9.0	10	14	8.1
27	16	21	12	27	21	438	16	18	9.0	8.2	29	8.7
28	15	13	11	23	20	192	16	27	9.0	8.7	25	10
29	15	12	384	20	20	90	15	18	10	20	30	9.6
30	14	12	120	18	---	58	16	15	74	50	25	8.7
31	14	---	68	32	---	63	---	15	---	10	39	---
TOTAL	854	420	896	2281	2338	3290	644	593	495.0	1099.7	576.5	628.8
MEAN	27.5	14.0	28.9	73.6	80.6	106	21.5	19.1	16.5	35.5	18.6	21.0
MAX	195	21	384	718	582	1010	60	39	74	232	127	175
MIN	14	12	10	15	20	16	15	14	8.7	8.2	6.9	8.1
CFSM	.35	.18	.36	.93	1.01	1.33	.27	.24	.21	.45	.23	.26
IN.	.40	.20	.42	1.07	1.09	1.54	.30	.28	.23	.51	.27	.29
CAL YR 1975	TOTAL	57714.0	MEAN	158	MAX	3430	MIN	10	CFSM	1.99	IN	27.01
WTR YR 1976	TOTAL	14116.0	MEAN	38.6	MAX	1010	MIN	6.9	CFSM	.49	IN	6.61

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.39	3.28	3.38	3.83	6.60	3.36	4.09	3.34	3.30	5.24	3.20	5.05
2	3.35	3.28	3.32	3.68	5.49	3.36	3.91	3.31	3.28	4.39	4.70	3.84
3	3.34	3.28	3.27	8.07	4.54	3.36	3.75	3.30	3.25	3.75	3.87	3.46
4	3.33	3.31	3.26	5.81	4.07	3.35	3.66	3.30	3.56	4.06	3.39	3.89
5	3.33	3.34	3.26	4.63	3.86	3.35	3.59	3.29	3.57	3.52	3.33	3.74
6	3.32	3.35	3.30	4.13	7.46	3.36	3.58	3.29	3.69	5.46	3.51	3.89
7	3.32	3.32	3.31	5.60	5.09	3.35	3.53	3.35	3.50	4.13	3.49	3.51
8	3.31	3.29	3.26	4.97	4.38	3.36	3.50	3.71	3.30	3.63	3.34	3.35
9	3.30	3.29	3.25	4.27	4.02	3.38	3.47	3.42	3.26	3.41	3.22	3.27
10	3.29	3.30	3.24	3.94	3.83	3.36	3.45	3.63	3.22	3.37	3.18	3.25
11	3.28	3.29	3.24	3.79	3.72	3.34	3.44	3.35	3.18	3.44	3.18	3.23
12	3.28	3.28	3.24	3.75	3.67	3.33	3.43	3.48	3.23	3.48	3.17	3.22
13	3.28	3.26	3.24	3.68	3.60	3.32	3.41	3.77	3.20	3.49	3.17	3.22
14	3.27	3.27	3.24	3.63	3.56	3.36	3.41	3.66	3.19	3.42	3.17	3.25
15	3.28	3.26	3.27	3.58	3.53	3.37	3.40	3.38	3.17	3.25	3.16	3.20
16	4.48	3.26	3.27	3.54	3.52	3.39	3.38	3.31	3.18	3.21	3.15	3.21
17	5.22	3.26	3.26	3.50	3.50	3.47	3.37	3.30	3.63	3.23	3.14	3.19
18	4.02	3.26	3.26	3.47	3.48	3.38	3.37	3.28	3.64	3.23	3.16	3.20
19	3.64	3.29	3.24	3.45	3.45	3.35	3.37	3.27	3.29	3.21	3.17	3.19
20	3.48	3.28	3.24	3.43	3.43	3.33	3.36	3.25	3.23	3.20	3.16	3.19
21	3.41	3.27	3.24	3.42	3.78	3.34	3.38	3.25	3.21	3.20	3.18	3.19
22	3.38	3.25	3.24	3.40	4.05	3.33	3.36	3.26	3.17	3.19	3.18	3.19
23	3.36	3.24	3.23	3.39	3.62	3.32	3.35	3.28	3.20	3.19	3.17	3.19
24	3.34	3.24	3.23	3.38	3.50	3.35	3.35	3.33	3.18	3.25	3.17	3.19
25	3.33	3.24	3.32	3.41	3.44	9.31	3.37	3.30	3.17	3.27	3.16	3.19
26	3.32	3.38	3.36	4.04	3.41	9.60	3.43	3.25	3.18	3.22	3.28	3.18
27	3.33	3.47	3.28	3.64	3.39	6.86	3.36	3.33	3.17	3.19	3.57	3.20
28	3.32	3.31	3.26	3.56	3.38	5.20	3.34	3.52	3.18	3.19	3.52	3.22
29	3.30	3.27	6.43	3.51	3.37	4.42	3.33	3.34	3.24	3.34	3.61	3.24
30	3.29	3.28	4.89	3.45	---	4.07	3.34	3.26	4.04	3.85	3.51	3.20
31	3.29	---	4.21	3.62	---	4.11	---	3.25	---	3.24	3.69	---
MEAN	3.46	3.29	3.45	3.99	4.03	4.00	3.47	3.37	3.32	3.56	3.35	3.38
MAX	5.22	3.47	6.43	8.07	7.46	9.60	4.09	3.77	4.04	5.46	4.70	5.05
MIN	3.27	3.24	3.23	3.38	3.37	3.32	3.33	3.25	3.17	3.19	3.14	3.18
CAL YR 1975	MEAN	4.35	MAX	14.86	MIN	3.10						
WTR YR 1976	MEAN	3.55	MAX	9.60	MIN	3.14						

MISSISSIPPI RIVER DELTA

07377000 AMITE RIVER NEAR DARLINGTON, LA

LOCATION.--Lat 30°53'20", long 90°50'40", in lot 72, T.2 S., R.4 E., St. Helena meridian, St. Helena Parish, near center of span on downstream side of bridge on State Highway 10, 1.5 mi (2.4 km) upstream from Collins Creek, and 4.0 mi (6.4 km) west of Darlington.

DRAINAGE AREA.--580 mi² (1,502 km²).

PERIOD OF RECORD.--March 1949 to September 1950 (annual maximum), October 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 145.81 ft (44.443 m) above mean sea level. Jan. 13, 1951, to May 28, 1963, water-stage recorder at former channel 700 ft (213 m) to the left; and July 30, 1963, to Feb. 12, 1964, nonrecording gage at present site. Prior to Oct. 1, 1963, datum 2.99 ft (0.911 m) higher.

AVERAGE DISCHARGE.--26 years, 860 ft³/s (24.36 m³/s), 20.14 in/yr (512 mm/yr).

REMARKS.--Water-discharge records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 62,100 ft³/s (1,760 m³/s) Mar. 25, 1973, gage height, 20.19 ft (6.154 m); minimum, 188 ft³/s (5.32 m³/s) Oct. 18, 1956.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 5,000 ft³/s (140 m³/s) and maximum (*):

Date	Time	Discharge (ft ³ /s) (m ³ /s)	Gage height (ft) (m)	Date	Time	Discharge (ft ³ /s) (m ³ /s)	Gage height (ft) (m)
Oct. 2	1230	5340 151	10.45 3.185	Mar. 26	0530	5930 168	10.94 3.335
Mar. 17	0630	6900 195	11.75 3.581	Apr. 1	1130	*7660 217	*12.35 3.764

Minimum discharge, 282 ft³/s (7.99 m³/s) Sept. 23, 24, 25, 26, 27, gage height, 3.41 ft (1.039 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1950	407	810	1210	2320	438	7370	409	449	850	348	467
2	4810	406	987	927	2830	427	4890	415	429	549	368	368
3	2670	403	807	2750	1630	418	1600	379	435	446	378	340
4	1130	412	618	2420	1000	410	1010	367	411	519	350	325
5	792	445	536	1660	898	403	843	359	399	523	358	333
6	664	462	496	1040	700	400	745	356	420	505	358	348
7	595	461	476	843	1240	420	609	365	420	740	358	340
8	555	517	466	772	1570	432	615	459	390	519	350	320
9	522	503	472	691	964	413	570	375	375	610	338	325
10	493	461	467	616	735	1000	529	449	370	700	330	308
11	471	432	437	575	633	649	501	1230	365	628	328	300
12	454	418	424	569	575	618	481	649	363	498	328	298
13	441	399	418	576	534	576	455	1100	358	522	325	295
14	428	390	408	556	503	670	457	1080	355	572	322	295
15	423	387	409	537	481	2510	444	985	350	554	335	294
16	597	387	415	521	466	5210	434	748	353	442	330	292
17	2320	388	451	498	456	6340	422	607	378	533	325	290
18	1870	388	514	473	445	3040	412	523	370	631	313	290
19	1380	385	474	454	435	1420	404	474	375	456	308	290
20	827	389	452	442	424	782	399	449	399	402	333	288
21	644	401	435	437	558	848	397	432	363	396	305	290
22	561	392	421	430	1900	1170	355	423	348	375	303	288
23	516	381	413	423	1690	1270	379	417	343	396	343	284
24	489	379	408	419	955	804	375	414	343	399	318	284
25	472	378	454	432	675	2500	394	417	345	378	308	284
26	455	413	750	2510	573	5420	404	414	373	414	318	284
27	445	1030	747	4180	518	2480	384	432	460	536	365	284
28	440	935	663	2360	482	1700	370	430	561	429	411	294
29	430	677	956	1060	456	1510	366	1020	516	375	355	303
30	417	560	1570	804	---	3190	371	563	512	362	353	298
31	408	---	1660	745	---	6590	---	512	---	355	338	---
TOTAL	28669	13986	19014	31930	26646	55588	27090	18047	11928	15714	10500	9301
MEAN	925	466	613	1030	919	1793	903	582	398	507	339	310
MAX	4810	1030	1660	4180	2830	6590	7370	1230	561	850	411	467
MIN	408	378	408	419	424	400	366	355	343	355	303	284
CF5M	1.59	.80	1.06	1.78	1.58	3.09	1.56	1.00	.69	.97	.58	.53
IN.	1.84	.90	1.22	2.05	1.71	3.57	1.74	1.16	.77	1.01	.67	.60

CAL YR 1975	TOTAL	577902	MEAN	1583	MAX	29400	MIN	346	CF5M	2.73	IN	37.07
WTR YR 1976	TOTAL	268413	MEAN	733	MAX	7370	MIN	284	CF5M	1.26	IN	17.22

07377000 AMITE RIVER NEAR DARLINGTON, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.66	4.17	5.10	5.79	7.31	4.26	12.13	4.06	4.04	5.08	3.69	4.06
2	10.00	4.17	5.43	5.32	7.97	4.23	10.01	4.08	3.93	4.59	3.76	3.77
3	7.76	4.16	5.09	7.86	6.42	4.20	6.38	3.96	4.00	4.04	3.81	3.66
4	5.67	4.19	4.71	7.48	5.45	4.18	5.47	3.92	3.92	4.24	3.70	3.60
5	5.06	4.29	4.51	6.47	5.17	4.15	5.14	3.88	3.88	4.24	3.73	3.63
6	4.81	4.33	4.42	5.51	4.68	4.14	4.93	3.87	3.95	4.20	3.73	3.69
7	4.66	4.33	4.36	5.16	5.82	4.21	4.76	3.91	3.95	4.32	3.73	3.66
8	4.56	4.47	4.34	5.03	6.35	4.24	4.63	4.21	3.85	4.12	3.70	3.58
9	4.46	4.43	4.36	4.86	5.38	5.05	4.52	4.52	3.80	4.48	3.69	3.60
10	4.41	4.33	4.34	4.70	4.95	5.46	4.42	4.19	3.78	4.75	3.62	3.53
11	4.35	4.25	4.26	4.61	4.73	5.25	4.34	5.81	3.76	4.53	3.61	3.50
12	4.31	4.21	4.23	4.59	4.61	4.71	4.29	4.61	3.75	4.17	3.61	3.49
13	4.27	4.15	4.21	4.61	4.51	4.61	4.25	5.57	3.73	4.25	3.60	3.48
14	4.24	4.12	4.18	4.56	4.44	5.21	4.22	5.57	3.72	4.38	3.59	3.48
15	4.22	4.11	4.18	4.52	4.38	7.55	4.19	5.38	3.70	4.33	3.64	3.47
16	4.61	4.11	4.20	4.48	4.34	10.32	4.15	4.87	3.71	4.02	3.62	3.46
17	7.36	4.11	4.30	4.42	4.32	11.32	4.11	4.49	3.81	4.25	3.56	3.45
18	6.77	4.11	4.46	4.36	4.29	6.87	4.07	4.25	3.78	4.55	3.55	3.45
19	6.06	4.10	4.36	4.31	4.26	6.12	4.04	4.11	3.79	4.05	3.53	3.45
20	5.13	4.11	4.30	4.28	4.22	5.42	4.03	4.04	3.83	3.89	3.63	3.44
21	4.77	4.15	4.26	4.26	4.53	5.17	4.92	3.99	3.75	3.87	3.52	3.45
22	4.58	4.12	4.22	4.24	6.80	5.72	3.98	3.96	3.69	3.80	3.51	3.44
23	4.46	4.08	4.19	4.22	6.51	5.44	3.95	3.94	3.67	3.86	3.67	3.42
24	4.40	4.08	4.18	4.20	5.36	5.09	3.95	3.93	3.67	3.88	3.57	3.42
25	4.36	4.07	4.30	4.24	4.83	7.43	4.01	3.94	3.68	3.81	3.53	3.42
26	4.31	4.15	4.98	7.40	4.60	10.51	4.04	3.93	3.79	3.91	3.57	3.42
27	4.29	5.45	4.97	9.41	4.47	7.53	3.93	3.99	4.06	4.28	3.76	3.42
28	4.27	5.33	4.81	7.38	4.38	6.53	3.93	5.12	4.35	3.97	3.92	3.47
29	4.24	4.83	5.34	5.56	4.32	5.45	3.91	5.44	4.22	3.80	3.72	3.51
30	4.21	4.57	6.35	5.09	---	8.12	3.93	4.64	4.19	3.75	3.71	3.49
31	4.18	---	6.48	4.97	---	11.50	---	4.21	---	3.72	3.65	---
MEAN	5.08	4.30	4.63	5.29	5.16	6.22	4.79	4.40	3.86	4.18	3.65	3.53
MAX	10.00	5.45	6.48	9.41	7.97	11.50	12.13	5.81	4.36	5.08	3.92	4.06
MIN	4.16	4.07	4.18	4.20	4.22	4.14	3.91	3.87	3.67	3.72	3.51	3.42
CAL YR 1975	MEAN	5.55	MAX	17.82	MIN	3.93						
WTR YR 1976	MEAN	4.59	MAX	12.13	MIN	3.42						

MISSISSIPPI RIVER DELTA

07377000 AMITE RIVER NEAR DARLINGTON, LA --Continued

WATER QUALITY RECORDS

PERIOD OF RECORD.--Water years 1962, 1966-68, 1976.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- CHARGE (CFS)	DIS- SOLVED SILICA (SiO ₂) (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BITAR- BONATE (HCO ₃) (MG/L)	CAR- BONATE (CO ₃) (MG/L)	DIS- SOLVED SULFATE (SO ₄) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)
NOV. 24...	1220	379	13	1.1	.9	3.9	1.0	14	0	.7	3.9	.0
FEB. 25...	1045	675	9.2	2.3	.7	2.9	1.6	12	0	2.0	3.5	.1
APR. 14...	1145	457	13	1.8	.3	4.1	1.1	10	0	1.1	4.8	.1
JULY 07...	1504	733	8.5	1.5	.5	3.0	1.7	9	0	2.5	3.4	.1

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- HMS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- CORALT UNITS)	TUR- BID- ITY (JTU)
NOV. 24...	.09	.01	.02	38	32	6	0	38	6.8	11.0	20	4
FEB. 25...	.37	.01	.06	47	28	9	0	38	6.9	13.0	55	20
APR. 14...	.16	.00	.02	33	32	6	0	41	6.9	21.0	25	8
JULY 07...	--	--	.19	27	26	6	0	33	6.7	25.5	30	50

DATE	DIS- SOLVED OXYGEN (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLI- FORM (COL. PER 100 ML)	STREP- TOCOCCI (COL- ONIES PER 100 ML)	CHEM- ICAL OXYGEN DEMAND (LOW LEVEL) (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	ALKA- LINITY AS CACO ₃ (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	OIL AND GREASE (MG/L)	AMMONIA NITRO- GEN (N) (MG/L)	TOTAL KJFL- DAHL NITRO- GEN (N) (MG/L)
NOV. 24...	10.6	1.0	<5	96	--	--	11	--	--	--	--	--
FEB. 25...	9.0	1.6	530	210	--	--	10	--	--	--	--	--
APR. 14...	9.0	1.2	<5	20	--	--	8	--	--	--	--	--
JULY 07...	8.0	2.7	1500	11000	--	--	8	--	--	--	--	.48

07377000 AMITE RIVER NEAR DARLINGTON, LA --Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL CHLOR- DANE (UG/L)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DI- AZINON (UG/L)
NOV. 24...	--	--	--	--	--	--	--	--	--	--	--
APR. 14...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00

DATE	TOTAL DI- ELDRIN (UG/L)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)
NOV. 24...	--	--	--	--	--	--	--	--	--	--
APR. 14...	.00	.0	.00	.0	.00	.00	.0	.00	.0	.00

DATE	TOTAL TRI- THION (UG/L)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
NOV. 24...	--	--	--	--	--	--	--	--	--	--	--
APR. 14...	.0	.0	.00	.00	.00	.00	.0	0	.00	0	0

DATE	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)
NOV. 24...	--	--	--	--	0	--	0	--	--	--
APR. 14...	.00	.00	.00	.00	0	1	2	<10	0	<10

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	TOTAL MANGA- NESE IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
NOV. 24...	0	--	0	--	--	--	110	--	0	--
APR. 14...	4	<10	0	<10	.1	.0	140	240	10	20

07377500 COMITE RIVER NEAR OLIVE BRANCH, LA

LOCATION.--Lat 30°45'21", long 91°02'38", in lot 41, T.3 S., R.2 E., St. Helena meridian, East Feliciana Parish, near center of span on downstream side of bridge on State Highway 67, 1,800 ft (549 m) downstream from Knighton Bayou, and 1.3 mi (2.1 km) northeast of Olive Branch.

DRAINAGE AREA.--145 mi² (376 km²).

PERIOD OF RECORD.--August 1942 to current year.

REVISED RECORDS (WATER YEARS).--WSP 1007: Drainage area. WSP 1177: 1948, 1949(M).

GAGE.--Water-stage recorder. Datum of gage is 115.65 ft (35.250 m) above mean sea level (Louisiana Geodetic Survey bench mark). Prior to Oct. 29, 1949, nonrecording gage. Prior to Feb. 3, 1964, at site 1,400 ft (430 m) upstream at same datum.

REMARKS.--Records good except for periods of no gage-height record, which are fair. Records of dissolved oxygen and water temperatures for the water year 1976 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--34 years, 224 ft³/s (6.34 m³/s), 20.98 in/yr (533 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 19,900 ft³/s (564 m³/s) Mar. 18, 1961, gage height, 21.37 ft (6.514 m); minimum discharge, 28 ft³/s (0.79 m³/s) Oct. 12, 13, 15, 16, 17, 18, 19, 1972; minimum gage height, 0.40 ft (0.122 m) Sept. 29, 30, 1975.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 2,500 ft³/s (71 m³/s) and maximum: Mar. 25 (1700), 2,720 ft³/s (77.0 m³/s), gage height, 6.77 ft (2.063 m); minimum discharge, 38 ft³/s (1.08 m³/s) Sept. 17, 19, 20, 24, 25, 26, 27, gage height, -0.07 ft (-0.021 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	687	67	248	202	761	95	520	62	58	622	49	88
2	1180	68	186	162	480	42	203	63	58	544	47	51
3	527	67	108	1080	196	89	140	61	57	120	47	46
4	146	66	90	556	142	87	117	59	67	103	47	45
5	104	67	81	233	122	84	105	59	62	102	49	44
6	89	67	75	154	132	83	99	58	72	106	47	44
7	82	67	74	133	138	83	93	69	75	78	46	44
8	79	68	76	124	116	83	90	99	108	151	46	45
9	76	67	73	107	103	144	85	124	69	184	45	44
10	73	74	71	97	97	211	82	78	62	236	44	43
11	72	66	69	95	93	112	79	320	59	354	43	43
12	70	64	68	96	89	103	77	289	57	112	43	42
13	69	62	67	95	86	93	76	114	55	122	42	42
14	64	62	66	93	83	106	73	125	55	130	46	43
15	69	62	66	88	81	243	73	95	54	72	54	42
16	399	62	67	83	79	721	71	86	55	67	49	40
17	1320	63	69	80	78	1020	70	73	57	96	48	40
18	704	63	84	77	77	386	68	68	59	307	46	39
19	217	62	75	75	75	172	67	65	58	122	44	39
20	132	63	69	74	74	135	67	63	60	76	43	39
21	105	64	68	73	315	121	66	62	59	64	43	40
22	94	65	68	72	788	112	65	62	55	253	52	40
23	88	62	66	72	278	102	64	61	53	207	47	40
24	86	62	66	71	156	115	63	61	53	105	47	40
25	85	62	74	76	126	1770	65	69	57	74	45	38
26	82	79	170	356	114	2080	66	68	73	172	44	38
27	81	344	114	543	107	1340	60	60	114	117	47	40
28	80	189	84	152	102	288	59	72	174	65	53	41
29	78	94	508	103	98	188	58	92	63	56	49	46
30	71	99	667	92	---	774	60	63	114	53	55	46
31	69	---	371	172	---	1110	---	59	---	54	49	---
TOTAL	7078	2427	4038	5486	5186	12342	2881	2759	2072	4924	1456	1312
MEAN	228	80.9	130	177	179	398	96.0	89.0	69.1	159	47.0	43.7
MAX	1320	344	667	1080	788	2080	520	320	174	622	55	88
MIN	64	62	66	71	74	83	58	58	53	53	42	38
CFSM	1.57	.56	.90	1.22	1.23	2.74	.66	.61	.48	1.10	.32	.30
IN.	1.82	.62	1.04	1.41	1.33	3.17	.74	.71	.53	1.26	.37	.34

CAL YR 1975 TOTAL 115930 MEAN 318 MAX 5860 MIN 48 CFSM 2.19 IN 29.74
WTR YR 1976 TOTAL 51961 MEAN 142 MAX 2080 MIN 34 CFSM .98 IN 13.33

07377500 COMITE RIVER NEAR OLIVE BRANCH, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.73	.36	1.33	1.15	3.14	.44	2.32	.23	.19	2.68	.08	.45
2	4.25	.37	1.08	.96	2.19	.42	1.12	.24	.19	2.40	.05	.10
3	2.31	.36	.69	3.96	1.10	.40	.81	.22	.18	.68	.05	.04
4	.89	.35	.57	2.46	.82	.38	.67	.20	.27	.57	.05	.02
5	.67	.36	.50	1.28	.69	.35	.59	.20	.20	.56	.07	.01
6	.57	.36	.44	.88	.75	.34	.55	.19	.29	.59	.05	.01
7	.51	.36	.43	.83	.80	.35	.51	.29	.32	.38	.04	.01
8	.48	.37	.45	.79	.66	.35	.48	.54	.58	.86	---	.02
9	.45	.36	.42	.69	.58	.71	---	.70	.26	1.02	---	.01
10	.42	.43	.40	.63	.54	1.08	---	.38	.19	1.14	---	.00
11	.41	.35	.38	.61	.51	.56	---	1.48	.18	1.73	---	-.01
12	.39	.32	.37	.62	.47	.50	---	1.44	.16	.62	---	-.02
13	.38	.31	.35	.62	.45	.43	.36	.65	.15	.68	---	-.02
14	.32	.30	.35	.60	.42	.51	.34	.71	.15	.73	---	-.01
15	.38	.30	.35	.56	.41	1.23	.34	.52	.14	.33	---	-.02
16	1.84	.31	.36	.52	.39	2.95	.32	.45	.15	.28	---	-.04
17	4.59	.31	.38	.49	.39	3.88	.31	.34	.18	.48	.04	-.05
18	2.87	.31	.52	.46	.38	1.84	.29	.29	.20	1.57	.04	-.06
19	1.21	.31	.44	.44	.36	.98	.28	.26	.19	.68	.01	-.06
20	.83	.32	.38	.43	.35	.78	.28	.24	.21	.36	-.01	-.06
21	.68	.33	.37	.42	1.39	.69	.27	.23	.20	.25	-.01	-.05
22	.61	.33	.36	.42	3.21	.64	.26	.23	.15	1.12	.11	-.05
23	.56	.31	.35	.41	1.39	.57	.25	.22	.13	1.07	.04	-.05
24	.54	.30	.35	.40	.81	.63	.24	.22	.13	.57	.05	-.06
25	.53	.30	.43	.45	.65	5.57	.26	.30	.16	.35	.02	-.07
26	.51	.44	1.00	1.68	.57	5.86	.27	.29	.33	.93	.01	-.07
27	.51	1.70	.73	2.40	.52	4.39	.21	.21	.60	.66	.05	-.05
28	.50	1.07	.53	.92	.49	1.50	.20	.32	.98	.26	.13	-.03
29	.47	.60	2.24	.67	.46	1.06	.19	.49	.25	.16	.07	.03
30	.39	.62	2.84	.59	---	3.09	.21	.24	.60	.13	.15	.03
31	.37	---	1.82	.92	---	4.10	---	.20	---	.14	.08	---
MEAN	1.04	.43	.68	.91	.86	1.50	---	.40	.26	.77	---	.00
MAX	4.59	1.70	2.84	3.96	3.21	5.86	---	1.48	.98	2.68	---	.45
MIN	.32	.30	.35	.40	.35	.34	---	.19	.13	.13	---	-.07

MISSISSIPPI RIVER DELTA

07377755 WHITE BAYOU EAST DIVERSION CHANNEL NEAR BATON ROUGE, LA

LOCATION.--Lat 30°37'00", long 91°06'55", in SE¼NW¼ lot 16, T.5 S., R.2 E. St. Helena meridian, East Baton Rouge Parish, near center of span on downstream side of bridge on State Highway 67 (Plank Road), 1.0 mi (1.6 km) downstream from point of diversion, 2.6 mi (4.2 km) upstream from Comite River, and 6.5 mi (10.5 km) northeast of terminal building at Ryan Airport, at Baton Rouge.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1972 to current year. Daily gage heights from January 1965 to July 1972 published as "Stewart Swamp Diversion Canal near Fred, La." by Corps of Engineers, New Orleans district.

GAGE.--Water-stage recorder. Datum of gage is 62.00 ft (18.898 m) above mean sea level (levels by Corps of Engineers).

REMARKS.--Records good above 10 ft³/s (0.28 m³/s) and poor below. Records of dissolved oxygen and water temperatures for water year 1976 are published under miscellaneous water-quality sites in this report.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharges for waters years 1972-76 are contained in the following table; minimum, no flow many days each year.

Water year	Date	Discharge (ft ³ /s) (m ³ /s)		Gage height (feet) (meters)	
1972a	Sept. 6	.38	.011	4.75	1.448
1973	Mar. 24	1,170	33.1	15.28	4.657
1974	Feb. 3	654	18.5	12.16	3.706
1975	Jan. 8	732	20.7	12.37	3.770
1976	Mar. 25	675	19.1	12.30	3.749

a Period Aug. 30 to Sept. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, AUGUST TO SEPTEMBER 1972 (MEAN VALUES)

DAY	AUG	SEP	DAY	AUG	SEP	DAY	AUG	SEP
1		0	12		0	23		0
2		.02	13		0	24		0
3		0	14		0	25		.02
4		0	15		0	26		.02
5		0	16		0	27		.02
6		.11	17		0	28		.02
7		.06	18		0	29		.02
8		.02	19		0	30	0	.04
9		.01	20		0	31	0	
10		.01	21		0			
11		0	22		0			

SEPTEMBER: TOTAL .37 MEAN .012 MAX .11 MIN 0

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973 (MEAN VALUES)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.02	.03	.12	2.6	121	.04	1.4	0	0	0	.16	0
2	.01	.04	.07	4.2	34	.20	.38	.03	0	0	.01	0
3	.01	.02	.04	10	2.7	.17	.09	.26	0	0	0	0
4	.01	.02	8.4	3.4	1.0	19	.02	0	0	0	0	.61
5	.01	.02	30	1.6	.57	5.7	0	0	0	.09	0	3.2
6	0	.02	132	1.2	.38	11	.04	0	0	.01	0	5.0
7	0	.02	14	2.3	.30	14	76	109	.46	0	.27	1.7
8	0	.01	2.2	3.4	5.7	4.0	6.1	47	.09	0	.11	.48
9	0	.01	1.1	1.5	31	3.2	1.0	1.1	0	0	0	.07
10	0	0	.77	1.0	9.1	1.6	.24	.06	0	0	0	.06
11	0	0	.41	.97	3.9	70	.02	.01	0	0	0	.01
12	0	0	1.1	.81	1.6	12	0	0	0	0	0	8.4
13	0	2.6	3.2	.65	4.5	1.3	0	0	0	0	0	606
14	0	1.1	1.3	.57	11	.69	0	0	0	0	0	191
15	0	.30	1.8	.45	2.2	.34	0	0	.01	0	0	1.4
16	0	.12	.93	.38	.89	34	221	0	0	0	0	.12
17	0	.06	.57	.30	.53	10	563	0	0	0	.96	.01
18	0	6.7	.38	.24	.38	1.5	654	0	0	0	.06	0
19	0	6.0	.30	.20	.30	.57	108	0	.02	0	0	0
20	0	1.3	1.2	.24	.27	22	.85	0	0	0	0	0
21	.32	.69	23	6.9	.20	4.6	.17	0	2.7	0	0	0
22	11	.38	4.5	2.7	.14	1.0	.02	0	2.3	0	0	0
23	10	.17	1.7	1.1	.17	1.3	.01	0	.04	0	0	0
24	1.0	.23	1.0	.77	.14	370	0	.01	0	0	0	0
25	.41	9.1	.73	.61	.17	786	1.4	0	0	0	0	0
26	.17	2.2	.53	2.0	.14	364	.73	0	0	.48	0	0
27	1.4	1.0	.34	1.3	.07	2.8	.09	0	0	.27	.46	0
28	.41	.73	.20	3.0	.06	.98	.01	0	0	0	.08	0
29	.24	.38	.17	1.3	---	2.5	0	0	0	0	0	0
30	.09	.24	2.8	.77	---	4.0	0	0	0	0	0	.02
31	.06	---	5.9	.49	---	13	---	0	---	0	0	---
TOTAL	25.16	33.49	240.76	56.95	232.41	1761.49	1634.57	157.47	5.62	.85	2.11	818.08
MEAN	.81	1.12	7.77	1.84	8.30	56.8	54.5	5.08	.19	.027	.068	27.3
MAX	11	9.1	132	10	121	786	654	109	2.7	.48	.96	606
MIN	0	0	.04	.20	.06	.04	0	0	0	0	0	0

WTR YR 1973 TOTAL 4968.96 MEAN 13.6 MAX 786 MIN 0

07377755 WHITE BAYOU EAST DIVERSION CHANNEL NEAR BATON ROUGE, LA--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		0	.26	.24	.27	.02	.03	.02	1.4	0	0	.04
2		0	.14	.15	215	.01	13	.03	.25	0	.01	.03
3		0	.12	91	522	0	1.2	.01	.01	0	.03	.01
4		2.4	.30	85	29	0	.27	.01	.01	0	.28	.02
5		61	.19	3.7	.44	0	.06	.04	.01	0	.30	.09
6		43	.10	3.4	.32	0	.01	.02	.01	39	1.2	.03
7		.28	.06	13	137	0	0	0	.01	5.1	.75	.06
8		.01	.04	2.1	12	0	0	0	.01	.45	.38	.70
9		0	.02	.72	.55	0	0	0	0	.10	.22	.93
10		0	.01	.40	.28	.09	0	0	0	.03	.08	.22
11		0	.01	1.8	.15	.10	0	.01	0	.01	.03	.07
12		0	0	3.2	.08	.01	24	0	0	0	.01	.04
13		0	.01	.65	.07	0	38	0	0	0	.01	.03
14		0	0	.38	.06	0	52	0	0	.01	.08	.03
15		0	0	.30	14	0	51	0	0	0	.06	.02
16		0	0	.22	30	0	.66	0	0	0	.01	.01
17		0	0	.18	.79	0	.24	0	0	0	0	.01
18		0	0	.15	.36	0	.07	0	.23	0	0	0
19		0	.58	25	2.0	0	.01	0	.08	0	0	0
20		.07	.91	119	.52	0	0	0	0	0	.05	0
21		.77	.28	68	.36	.65	0	.48	0	.23	.26	0
22		.26	.17	35	.32	.08	0	.19	0	.03	.06	0
23		.14	.16	74	.15	.01	.01	.04	0	0	.03	0
24		.07	.23	85	.09	.01	0	.01	0	0	.01	0
25		8.7	248	90	.04	9.4	0	.01	0	0	0	.67
26		10	258	11	.03	36	0	.03	0	0	.06	.31
27		3.6	22	3.0	.04	110	0	.01	0	0	.23	.03
28		3.9	1.4	85	.03	4.8	.02	0	0	0	.50	.01
29		.87	.56	20	---	.72	.01	0	0	0	.42	0
30		.40	.38	.93	---	.24	.01	0	0	.26	.24	0
31		---	.33	.42	---	.08	---	0	---	.09	.17	---
TOTAL	0	135.47	557.03	822.94	965.95	162.22	180.60	.91	2.02	45.31	5.48	3.36
MEAN	0	4.52	18.0	26.5	34.5	5.23	6.02	.029	.067	1.46	.18	.11
MAX	0	61	258	119	522	110	52	.48	1.4	39	1.2	.93
MIN	0	0	0	.15	.03	0	0	0	0	0	0	0
CAL YR 1973	TOTAL	5362.05	MEAN	14.7	MAX	786	MIN	0				
WTR YR 1974	TOTAL	2881.29	MEAN	7.89	MAX	522	MIN	0				

07377755 WHITE BAYOU EAST DIVERSION CHANNEL NEAR BATON ROUGE, LA--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	.50	.10	.10	.05	.02	211	.81	.26	139	.08
2	0	0	.28	.10	.10	.04	.21	35	.26	.20	234	.05
3	0	0	.19	.10	.10	.06	.49	.72	.11	.26	90	.05
4	0	0	.17	.15	.11	5.0	.01	3.9	.06	.30	18	.04
5	0	0	.15	.09	.10	1.9	0	.91	.05	.12	2.8	.04
6	0	0	4.4	.06	.06	.59	0	.36	.27	.08	1.3	.05
7	0	0	20	53	.03	.34	0	.20	2.5	.05	.60	.06
8	.02	0	2.1	685	.06	.22	.16	43	.32	.01	.30	.05
9	0	0	.58	340	.06	.14	.11	39	.18	171	.15	.74
10	0	.04	.40	125	.04	.10	.24	3.3	2.9	376	.15	10
11	0	1.6	.55	86	.07	.09	.27	.26	41	282	.16	1.1
12	0	.08	.46	3.4	.10	.07	.06	.14	12	143	.35	1.9
13	0	.02	.39	1.1	.07	.60	.02	.08	.54	4.1	.21	79
14	0	.01	.38	.56	.03	.59	206	.24	.23	.46	.09	.38
15	0	.04	1.8	.36	.09	.59	114	.23	.76	.32	3.0	.09
16	0	.06	.90	.27	.30	3.6	5.7	.12	.43	.19	14	.15
17	0	.06	.46	.20	1.3	4.3	.40	.06	.18	.12	6.7	.14
18	0	.02	.26	.17	.93	90	.26	.04	.10	.11	.74	.05
19	0	.04	.18	.19	.19	24	.15	.03	282	.34	.18	.03
20	0	11	.38	.16	.11	.47	.08	.01	199	.55	.94	.03
21	0	.56	.27	.12	.09	.22	.09	.01	.36	.27	12	.03
22	0	.22	.19	.11	.09	.12	.06	.01	.02	37	12	.02
23	0	.16	.14	.10	.77	.07	.05	0	0	346	1.0	.01
24	0	.15	.11	.11	.52	.05	.04	0	.01	4.9	.79	.01
25	0	.11	4.3	.17	.26	.03	.04	0	.06	.66	6.2	.01
26	0	.08	1.8	.11	.15	.01	.02	0	.03	.32	3.8	.01
27	0	.06	.68	.09	.10	.01	.01	0	.01	.22	.53	.01
28	0	.06	.40	.08	.08	0	.01	0	.39	.14	1.8	0
29	.02	.05	.24	.08	---	.01	.19	.11	.79	.12	2.7	0
30	.02	2.0	.15	.08	---	.17	85	17	.58	.55	.57	0
31	0	---	.11	.10	---	.03	---	6.3	---	14	.17	---
TOTAL	.06	16.42	42.92	1297.16	6.01	133.47	413.69	362.03	545.95	1383.65	554.23	94.13
MEAN	.002	.55	1.38	41.8	.21	4.31	13.8	11.7	18.2	44.6	17.9	3.14
MAX	.02	11	20	685	1.3	90	206	211	282	376	234	79
MIN	0	0	.11	.06	.03	0	0	0	0	.01	.09	0
CAL YR 1974	TOTAL	2248.19	MEAN	6.16	MAX	522	MIN	0				
WTR YR 1975	TOTAL	4849.72	MEAN	13.3	MAX	685	MIN	0				

07377755 WHITE BAYOU EAST DIVERSION CHANNEL NEAR BATON ROUGE, LA--Continued

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.26	0	.15	.24	16	.26	.97	.29	.08	3.1	.01	.01
2	.04	0	.06	1.1	1.2	.26	.11	.29	.06	.21	.02	0
3	.02	0	.04	6.8	.38	.26	.02	.29	.05	.03	.01	1.8
4	.01	0	.03	2.6	.16	.26	.02	.26	.05	.03	.01	1.3
5	0	.01	.03	.40	.08	.26	.02	.23	.03	.02	0	.23
6	0	.01	.03	.18	22	.26	.02	.23	.17	.01	0	.11
7	0	.01	.03	.27	2.0	.36	.01	.54	.16	.01	.01	.06
8	0	0	.03	.17	.46	1.3	.01	.50	.05	.76	0	.06
9	0	0	.03	.11	.18	3.0	.01	.23	.06	.42	0	.06
10	0	0	.03	.11	.09	.84	.01	17	.03	.03	0	.03
11	0	0	.03	.15	.06	.40	.01	3.1	.03	.02	0	.03
12	0	0	.03	.18	.05	.33	.01	.66	.02	32	0	.03
13	0	0	.03	.18	.04	.33	.02	1.1	.02	15	0	.03
14	0	0	.03	.15	.03	1.1	.01	.84	.01	.79	0	.03
15	.01	0	.03	.08	.03	1.7	.03	.48	.15	.23	0	.01
16	.17	0	.03	.08	.03	3.0	.06	.16	.67	.36	0	0
17	.01	0	.04	.06	.03	.94	.14	.08	1.4	.56	0	0
18	0	0	.03	.06	.03	.33	.23	.08	.43	.29	0	0
19	0	0	.03	.08	.03	.26	.29	.06	.10	.20	0	0
20	0	0	.03	.04	.03	.21	.33	.06	.05	.05	0	.76
21	0	0	.03	.03	4.9	.23	.36	.08	.02	.02	0	.87
22	0	0	.03	.03	5.4	.21	.36	.08	.01	.02	0	.06
23	0	0	.03	.03	1.5	.18	.36	.10	.01	.02	0	.01
24	0	0	.03	.03	.52	1.3	.33	.14	.02	.02	0	.01
25	0	0	.05	16	.40	419	.29	.16	.02	.02	0	.01
26	0	.29	.05	8.9	.36	381	.29	.14	.02	.05	0	.01
27	0	.14	.04	1.0	.33	10	.26	.21	.02	.08	0	0
28	0	.05	.05	.28	.26	.98	.26	.18	.08	.03	.47	.01
29	0	.04	2.9	.11	.26	1.0	.29	.14	.21	.02	.20	.03
30	0	.10	1.6	.06	---	5.9	.33	.10	10	.02	.03	.11
31	0	---	.72	12	---	2.2	---	.08	---	.01	.01	---
TOTAL	.52	.65	6.30	112.71	56.84	837.66	5.46	27.89	14.03	54.43	.77	5.67
MEAN	.017	.022	.20	3.64	1.96	27.0	.18	.90	.47	1.76	.025	.19
MAX	.26	.29	2.9	.68	.22	.419	.97	.17	.10	.32	.47	1.8
MIN	0	0	.03	.03	.03	.18	.01	.06	.01	.01	0	0
CAL YR 1975	TOTAL	4798.17	MEAN	13.1	MAX	685	MIN	0				
WTR YR 1976	TOTAL	1122.94	MEAN	3.07	MAX	419	MIN	0				

MISSISSIPPI RIVER DELTA

07377755 WHITE BAYOU EAST DIVERSION CHANNEL NEAR BATON ROUGE, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											---	4.54
2											---	4.60
3											---	4.55
4											---	4.52
5											---	4.50
6											---	4.59
7											---	4.64
8											---	4.59
9											---	4.56
10											---	4.56
11											---	4.55
12											---	4.54
13											---	4.52
14											---	4.50
15											---	4.48
16											---	4.50
17											---	4.53
18											---	4.53
19											---	4.53
20											---	4.50
21											---	4.55
22											---	4.54
23											---	4.55
24											---	4.54
25											---	4.58
26											---	4.59
27											---	4.60
28											---	4.59
29											---	4.59
30											4.49	4.63
31											4.49	---
MEAN											---	4.55
MAX											---	4.64
MIN											---	4.48

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.59	4.62	4.67	5.30	7.48	4.63	4.98	4.47	4.51	4.36	4.56	4.33
2	4.58	4.63	4.65	5.53	6.28	4.70	4.75	4.55	4.48	4.35	4.52	4.33
3	4.57	4.61	4.63	6.00	5.18	4.69	4.66	4.70	4.47	4.33	4.41	4.36
4	4.56	4.60	5.43	5.43	4.92	5.86	4.60	4.55	4.46	4.31	4.37	4.76
5	4.56	4.60	6.14	5.09	4.80	5.43	4.55	4.50	4.45	4.44	4.35	5.21
6	4.55	4.60	8.10	5.00	4.75	5.51	4.53	4.48	4.45	4.54	4.34	5.38
7	4.55	4.59	5.77	5.20	4.73	5.82	7.24	7.22	4.62	4.45	4.51	5.04
8	4.55	4.57	5.12	5.43	5.16	5.31	5.41	6.70	4.62	4.43	4.60	4.77
9	4.55	4.56	4.94	5.07	6.40	5.22	4.91	4.93	4.51	4.40	4.45	4.65
10	4.54	4.55	4.85	4.95	5.65	4.99	4.71	4.64	4.49	4.38	4.41	4.64
11	4.54	4.54	4.76	4.93	5.30	7.14	4.61	4.56	4.47	4.36	4.36	4.57
12	4.54	4.55	4.85	4.88	5.03	5.69	4.55	4.51	4.45	4.34	4.34	4.85
13	4.54	5.00	5.22	4.83	5.12	4.98	4.53	4.49	4.46	4.32	4.32	11.84
14	4.54	4.92	4.97	4.80	5.71	4.83	4.50	4.47	4.47	4.29	4.31	8.56
15	4.54	4.73	5.06	4.77	5.10	4.74	4.49	4.45	4.52	4.27	4.30	4.93
16	4.54	4.67	4.89	4.75	4.88	6.11	7.35	4.45	4.49	4.25	4.36	4.66
17	4.54	4.64	4.80	4.73	4.79	5.64	11.55	4.45	4.46	4.23	4.74	4.56
18	4.53	5.12	4.75	4.71	4.75	5.00	12.16	4.45	4.44	4.20	4.58	4.50
19	4.53	5.41	4.73	4.70	4.73	4.80	7.17	4.45	4.52	4.17	4.42	4.47
20	4.52	4.96	4.92	4.71	4.72	6.02	4.87	4.45	4.50	4.16	4.40	4.46
21	4.62	4.83	6.46	5.62	4.70	5.34	4.69	4.45	4.73	4.17	4.36	4.44
22	5.33	4.75	5.56	5.31	4.68	4.92	4.61	4.45	5.04	4.19	4.33	4.42
23	5.58	4.69	5.13	4.98	4.69	4.87	4.56	4.45	4.63	4.25	4.31	4.40
24	4.91	4.70	4.94	4.86	4.68	9.36	4.54	4.50	4.53	4.25	4.31	4.39
25	4.76	5.58	4.85	4.81	4.69	13.04	4.94	4.52	4.46	4.30	4.30	4.38
26	4.69	5.12	4.79	5.20	4.68	9.68	4.84	4.48	4.43	4.52	4.28	4.37
27	4.98	4.91	4.74	5.02	4.65	5.14	4.66	4.47	4.41	4.67	4.53	4.37
28	4.76	4.84	4.70	5.37	4.64	4.88	4.57	4.46	4.39	4.46	4.59	4.43
29	4.71	4.75	4.69	5.01	---	5.14	4.52	4.46	4.38	4.45	4.43	4.52
30	4.66	4.71	5.06	4.86	---	5.16	4.49	4.47	4.37	4.43	4.38	4.59
31	4.64	---	5.68	4.78	---	5.77	---	4.50	---	4.40	4.36	---
MEAN	4.66	4.78	5.16	5.05	5.10	5.82	5.42	4.67	4.51	4.34	4.41	4.97
MAX	5.58	5.58	8.10	6.00	7.48	13.04	12.16	7.22	5.04	4.67	4.74	11.84
MIN	4.52	4.54	4.63	4.70	4.64	4.63	4.49	4.45	4.37	4.16	4.28	4.33

07377755 WHITE BAYOU EAST DIVERSION CHANNEL NEAR BATON ROUGE, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.48	4.26	4.55	4.54	4.56	4.32	4.33	4.32	4.65	4.11	4.25	4.35
2	4.44	4.27	4.45	4.46	7.76	4.29	5.73	4.33	4.51	4.10	4.28	4.33
3	4.38	4.27	4.44	6.87	11.28	4.27	4.92	4.31	4.31	4.08	4.33	4.31
4	4.36	4.44	4.58	7.40	5.74	4.27	4.55	4.29	4.30	4.07	4.50	4.32
5	4.34	7.02	4.50	5.16	4.67	4.26	4.38	4.35	4.30	4.05	4.58	4.41
6	4.33	6.52	4.42	5.05	4.59	4.26	4.29	4.32	4.30	6.00	4.72	4.34
7	4.32	4.72	4.38	5.78	8.07	4.25	4.25	4.27	4.29	5.30	4.81	4.36
8	4.33	4.58	4.35	5.08	5.48	4.25	4.26	4.25	4.29	4.66	4.63	4.73
9	4.41	4.51	4.32	4.80	4.72	4.25	4.24	4.25	4.28	4.41	4.52	4.83
10	4.36	4.45	4.30	4.65	4.57	4.35	4.23	4.25	4.26	4.33	4.40	4.52
11	4.35	4.40	4.29	4.90	4.46	4.42	4.23	4.29	4.23	4.29	4.34	4.39
12	4.33	4.38	4.28	5.18	4.40	4.30	5.60	4.28	4.21	4.27	4.29	4.35
13	4.32	4.35	4.29	4.76	4.39	4.26	6.45	4.26	4.20	4.26	4.30	4.34
14	4.32	4.34	4.28	4.63	4.38	4.24	6.39	4.25	4.19	4.30	4.40	4.33
15	4.35	4.33	4.27	4.58	5.14	4.25	6.70	4.26	4.18	4.28	4.38	4.32
16	4.34	4.31	4.27	4.52	6.06	4.26	---	4.25	4.16	4.25	4.29	4.31
17	4.35	4.29	4.27	4.49	4.81	4.25	---	4.25	4.16	4.22	4.25	4.29
18	4.33	4.29	4.28	4.46	4.62	4.24	4.39	4.23	4.39	4.17	4.23	4.27
19	4.32	4.29	4.53	5.58	5.07	4.25	4.30	4.22	4.38	4.15	4.21	4.25
20	4.30	4.38	4.83	---	4.71	4.25	4.27	4.22	4.28	4.17	4.26	4.22
21	4.28	4.79	4.57	---	4.62	4.72	4.26	4.58	4.25	4.46	4.54	4.20
22	4.27	4.55	4.48	---	4.59	4.40	4.26	4.50	4.23	4.33	4.37	4.18
23	4.26	4.45	4.47	---	4.46	4.31	4.29	4.35	4.25	4.27	4.33	4.16
24	4.24	4.39	5.13	---	4.41	4.30	4.28	4.30	4.28	4.26	4.30	4.14
25	4.23	5.38	9.32	---	4.35	5.55	4.26	4.30	4.25	4.23	4.28	4.44
26	4.22	5.65	9.37	5.68	4.33	6.15	4.27	4.33	4.22	4.20	4.37	4.55
27	4.20	5.20	5.95	5.20	4.35	7.79	4.26	4.30	4.19	4.18	4.53	4.34
28	4.19	5.28	4.97	6.98	4.34	5.31	4.27	4.27	4.15	4.19	4.61	4.30
29	4.17	4.84	4.73	5.91	---	4.79	4.31	4.25	4.14	4.25	4.64	4.26
30	4.15	4.65	4.63	4.85	---	4.53	4.30	4.25	4.13	4.45	4.54	4.24
31	4.20	---	4.60	4.66	---	4.40	---	4.28	---	4.40	4.48	---
MEAN	4.31	4.72	4.84	---	5.18	4.57	---	4.30	4.27	4.34	4.42	4.35
MAX	4.48	7.02	9.37	---	11.28	7.79	---	4.58	4.65	6.00	4.81	4.83
MIN	4.15	4.25	4.27	---	4.33	4.24	---	4.22	4.13	4.05	4.21	4.14

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.22	4.25	4.67	4.38	4.34	4.29	4.31	8.90	4.81	4.57	7.98	4.43
2	4.19	---	4.53	4.38	4.34	4.28	4.39	6.14	4.55	4.53	9.21	4.39
3	4.18	---	4.46	4.38	4.34	4.31	4.57	4.80	4.43	4.57	7.49	4.39
4	4.15	---	4.44	4.42	4.35	5.16	4.30	5.27	4.38	4.60	5.96	4.38
5	4.14	4.23	4.42	4.37	4.34	5.04	4.26	4.85	4.36	4.49	5.18	4.38
6	4.12	4.22	4.91	4.33	4.30	4.70	4.23	4.61	4.42	4.46	---	4.39
7	4.15	4.21	6.00	5.71	4.26	4.54	4.23	4.50	5.08	4.43	---	4.40
8	4.32	4.21	5.06	12.37	4.30	4.45	4.41	6.48	4.59	4.40	4.57	4.39
9	4.26	4.22	4.72	9.68	4.29	4.38	4.42	6.51	4.49	---	4.45	4.60
10	4.22	4.27	4.61	7.46	4.27	4.35	4.50	4.95	4.82	---	4.45	5.48
11	4.20	4.91	4.70	7.31	4.31	4.34	4.54	4.54	6.54	---	4.46	4.88
12	4.18	4.39	4.64	5.25	4.34	4.32	4.36	4.44	5.56	---	4.59	5.02
13	4.15	4.31	4.60	4.90	4.31	4.60	4.31	4.39	4.72	5.11	4.50	6.84
14	4.15	4.29	4.59	4.67	4.25	4.69	8.07	4.51	4.53	4.68	4.40	4.63
15	4.16	4.34	5.03	4.54	4.33	4.59	7.88	4.52	4.73	4.59	4.58	4.44
16	4.16	4.36	4.85	4.48	4.49	5.26	5.13	4.43	4.66	4.50	5.84	4.47
17	4.14	4.37	4.64	4.43	4.83	5.11	4.64	4.37	4.49	4.44	5.46	4.48
18	4.13	4.31	4.51	4.40	4.70	7.48	4.54	4.34	4.42	4.43	4.78	4.39
19	4.11	4.34	4.45	4.42	4.42	5.89	4.45	4.32	8.58	4.60	4.49	4.37
20	4.10	5.56	4.62	4.39	4.35	4.68	4.39	4.30	8.55	4.73	4.67	4.37
21	4.08	4.70	4.52	4.36	4.33	4.51	4.40	4.29	4.58	4.56	5.39	4.37
22	4.06	4.49	4.46	4.35	4.33	4.43	4.37	4.28	4.41	5.47	5.69	4.36
23	4.04	4.44	4.41	4.34	4.73	4.38	4.35	4.26	4.39	9.83	4.88	4.35
24	4.02	4.43	4.39	4.35	4.66	4.35	4.34	4.25	4.40	5.31	4.82	4.35
25	4.00	4.40	5.14	4.40	4.48	4.33	4.34	4.24	4.44	4.77	5.16	4.35
26	3.98	4.37	5.04	4.35	4.39	4.30	4.31	4.24	4.42	4.59	5.25	4.35
27	3.97	4.35	4.76	4.33	4.35	4.28	4.29	4.24	4.40	4.52	4.71	4.34
28	3.95	4.34	4.61	4.32	4.33	4.26	4.28	4.25	4.56	4.45	4.83	4.33
29	4.11	4.33	4.50	4.32	---	4.30	4.48	4.40	4.80	4.44	5.16	4.33
30	4.32	5.04	4.42	4.32	---	4.46	6.66	5.81	4.73	4.61	4.73	4.33
31	4.26	---	4.39	4.34	---	4.32	---	5.44	---	5.66	4.50	---
MEAN	4.14	---	4.68	5.10	4.40	4.66	4.73	4.87	4.93	---	---	4.55
MAX	4.32	---	6.00	12.37	4.83	7.48	8.07	8.90	8.58	---	---	6.84
MIN	3.95	---	4.39	4.32	4.25	4.26	4.23	4.24	4.36	---	---	4.33

MISSISSIPPI RIVER DELTA

07377755 WHITE BAYOU EAST DIVERSION CHANNEL NEAR BATON ROUGE, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.55	4.34	4.46	4.54	5.83	4.31	4.37	4.22	4.13	4.62	4.05	4.06
2	4.39	4.34	4.38	4.55	4.92	4.31	4.26	4.22	4.12	4.23	4.07	4.04
3	4.36	4.34	4.35	7.06	4.61	4.31	4.20	4.22	4.11	4.15	4.06	4.28
4	4.34	4.34	4.33	5.08	4.45	4.31	4.19	4.21	4.11	4.15	4.05	4.41
5	4.33	4.35	4.34	4.63	4.38	4.31	4.20	4.20	4.10	4.13	4.04	4.18
6	4.33	4.35	4.34	4.46	6.09	4.31	4.20	4.20	4.15	4.11	4.04	4.11
7	4.33	4.35	4.34	4.51	5.05	4.33	4.18	4.28	4.17	4.11	4.05	4.06
8	4.33	4.34	4.33	4.42	4.65	4.46	4.18	4.27	4.11	4.24	4.04	4.04
9	4.33	4.34	4.33	4.36	4.47	4.67	4.18	4.20	4.12	4.28	4.03	4.03
10	4.33	4.34	4.33	4.35	4.39	4.42	4.18	5.25	4.10	4.15	4.02	4.01
11	4.33	4.34	4.33	4.36	4.35	4.34	4.18	4.67	4.09	4.12	4.02	3.99
12	4.33	4.33	4.33	4.39	4.34	4.32	4.18	4.31	4.08	5.13	4.01	3.97
13	4.33	4.32	4.34	4.39	4.33	4.32	4.19	4.38	4.08	5.25	4.02	3.97
14	4.33	4.33	4.34	4.38	4.32	4.46	4.18	4.35	4.05	4.33	4.04	3.99
15	4.34	4.33	4.34	4.34	4.32	4.53	4.19	4.27	4.12	4.20	4.03	3.98
16	4.50	4.33	4.34	4.35	4.32	4.68	4.19	4.17	4.27	4.24	4.01	3.96
17	4.37	4.33	4.35	4.34	4.32	4.43	4.20	4.13	4.39	4.29	4.00	3.94
18	4.34	4.33	4.34	4.34	4.33	4.32	4.22	4.13	4.24	4.22	3.98	3.91
19	4.33	4.33	4.33	4.36	4.33	4.31	4.23	4.12	4.14	4.18	3.96	3.88
20	4.32	4.34	4.34	4.32	4.32	4.29	4.23	4.12	4.11	4.11	3.95	4.04
21	4.32	4.34	4.34	4.31	5.07	4.30	4.24	4.13	4.08	4.08	3.94	4.33
22	4.32	4.34	4.34	4.31	4.92	4.29	4.24	4.13	4.06	4.07	3.92	4.12
23	4.33	4.33	4.34	4.31	4.51	4.28	4.24	4.14	4.06	4.08	3.91	4.06
24	4.33	4.34	4.34	4.31	4.36	4.39	4.23	4.16	4.08	4.07	3.88	4.06
25	4.33	4.34	4.36	5.20	4.34	10.07	4.24	4.17	4.08	4.07	3.86	4.05
26	4.33	4.54	4.36	5.57	4.33	10.08	4.23	4.16	4.08	4.09	3.84	4.05
27	4.33	4.45	4.35	4.87	4.32	4.98	4.22	4.19	4.08	4.13	3.87	4.04
28	4.33	4.37	4.36	4.55	4.31	4.37	4.21	4.18	4.12	4.10	4.07	4.06
29	4.33	4.35	5.15	4.41	4.31	4.34	4.22	4.16	4.19	4.08	4.18	4.09
30	4.34	4.42	5.01	4.36	---	4.95	4.23	4.14	---	4.07	4.10	4.15
31	4.34	---	4.80	5.08	---	4.57	---	4.13	---	4.06	4.06	---
MEAN	4.35	4.35	4.41	4.61	4.57	4.79	4.21	4.25	---	4.23	4.00	4.06
MAX	4.55	4.54	5.15	7.06	6.09	10.08	4.37	5.25	---	5.25	4.18	4.41
MIN	4.32	4.32	4.33	4.31	4.31	4.28	4.18	4.12	4.05	4.06	3.84	3.88

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA

LOCATION.--Lat 30°38'13", long 91°07'39", at center of E½ lot 39, T.5 S., R.1 E., St. Helena meridian, East Baton Rouge Parish, near center of span on downstream side of bridge on lower Zachary Road, 1.5 mi (2.4 km) downstream from Indian Bayou, and 2.0 mi (3.2 km) southeast of Zachary.

DRAINAGE AREA.--45 mi² (117 km²), approximately.

PERIOD OF RECORD.--August 1972 to current year. Daily gage heights from January 1965 to July 1972 published as White Bayou near Zachary by Corps of Engineers, New Orleans district.

Gage.--Water-stage recorder. Datum of gage is 65.00 ft (19.812 m) above mean sea level (levels by Corps of Engineers).

REMARKS.--Records good above 10 ft³/s (0.28 m³/s) and poor below. Records for dissolved oxygen and water temperatures for water year 1976 are published under miscellaneous water-quality sites in this report.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharges for water years 1972-76 are contained in the following table; minimum, no flow many days in most years.

Water year	Date	Discharge (ft ³ /s) (m ³ /s)		Gage height (feet) (meters)	
1972a	Aug. 19	45	1.27	6.25	1.905
1973	Mar. 25	3,210	90.9	21.14	6.443
1974	Feb. 3	2,300	65.1	19.82	6.041
1975	Jan. 8	2,350	66.6	19.92	6.072
1976	Mar. 25	2,130	60.3	19.45	5.928

a Period Aug. 16 to Sept. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, AUGUST TO SEPTEMBER 1972 (MEAN VALUES)

DAY	AUG	SEP	DAY	AUG	SEP	DAY	AUG	SEP
1		.12	12		.07	23	.79	2.1
2		.12	13		.07	24	.43	2.0
3		.07	14		.02	25	.43	1.2
4		.02	15		0	26	.50	1.2
5		.02	16	.13	.02	27	.64	2.8
6	0		17	4.4	.07	28	.95	2.6
7	0		18	6.8	.02	29	.87	1.8
8	0		19	20	.02	30	.87	1.7
9	.02		20	5.0	.02	31	.36	---
10	.07		21	2.0	1.9			
11	.07		22	1.4	1.4			

SEPTEMBER: TOTAL 19.52 MEAN .65 MAX 20 MIN 0

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973 (MEAN VALUES)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	1.6	8.7	90	579	3.4	199	5.1	.64	18	21	1.7
2	1.3	1.7	5.7	138	484	3.6	24	5.0	.57	4.6	23	1.5
3	1.3	2.0	4.2	380	60	3.6	14	20	.50	2.5	4.0	2.2
4	1.2	1.4	40	338	22	244	9.8	24	.43	1.4	1.4	9.6
5	1.0	1.3	158	51	14	280	7.2	9.0	.57	46	1.0	78
6	.95	1.4	826	30	11	90	5.8	5.4	.79	21	.87	261
7	.95	1.4	509	68	8.4	162	580	558	.87	5.3	.87	120
8	.95	1.4	69	291	24	72	392	653	5.8	2.8	1.1	27
9	.95	1.3	21	91	544	92	34	188	8.4	1.4	1.5	11
10	.87	1.3	13	28	385	59	15	17	4.5	.95	1.4	6.2
11	.87	1.4	8.7	21	127	678	9.2	9.3	2.8	.71	1.0	10
12	.87	1.4	8.2	19	42	509	6.9	6.7	2.5	.57	.87	46
13	.79	44	103	15	25	72	5.7	5.2	1.9	.50	1.2	1790
14	.71	155	56	12	380	23	4.9	4.5	1.4	.43	1.0	927
15	.79	28	70	9.2	175	15	3.8	3.8	1.4	.36	.90	153
16	.87	9.1	106	7.6	28	170	579	3.4	1.4	.30	2.6	12
17	.87	4.6	23	6.4	16	47	1640	2.7	1.3	.30	7.2	6.7
18	.79	23	12	5.7	11	19	2130	2.4	1.0	.30	13	4.5
19	.79	101	8.7	5.0	9.0	12	686	2.2	.87	.30	8.5	3.0
20	.71	34	7.8	4.7	7.4	268	53	2.1	.87	.30	3.0	1.8
21	1.3	12	381	19	6.2	149	16	2.0	2.3	2.0	1.4	1.3
22	24	6.6	352	16	5.4	26	10	1.9	2.7	21	1.0	1.0
23	46	4.2	43	8.7	5.3	14	7.4	1.7	.64	17	.61	.90
24	53	3.6	20	5.8	4.9	1060	6.1	1.2	.57	4.8	.40	1.2
25	10	60	13	5.2	4.7	3060	109	2.6	.50	5.3	.20	.85
26	4.7	94	9.0	28	4.5	1140	313	1.4	.43	32	.16	1.0
27	6.3	19	6.9	34	4.2	60	94	.87	.43	7.6	.13	1.0
28	3.6	14	5.4	32	3.6	24	15	.71	.43	3.4	.18	1.0
29	2.3	36	4.8	33	---	53	8.5	.57	.36	1.8	.87	9.4
30	1.9	16	24	15	---	53	6.0	.50	5.5	1.2	3.4	13
31	1.8	---	206	10	---	546	---	.50	---	1.0	2.0	---
TOTAL	173.83	681.7	3123.1	1817.3	2990.6	9018.6	6984.3	1540.75	52.37	205.12	105.76	3502.85
MEAN	5.61	22.7	101	58.6	107	291	233	49.7	1.75	6.62	3.41	117
MAX	53	155	826	380	579	3060	2130	653	8.4	46	23	1790
MIN	.71	1.3	4.2	4.7	3.6	3.4	3.8	.50	.36	.30	.13	.85

WTR YR 1973 TOTAL 30196.28 MEAN 82.7 MAX 3060 MIN .13

MISSISSIPPI RIVER DELTA

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	.43	9.8	8.3	13	3.8	5.3	1.2	1.4	.07	7.9	20
2	12	.30	6.8	6.8	904	3.4	47	7.8	20	.07	10	6.1
3	2.8	.24	5.1	489	1870	3.2	14	25	18	.07	5.9	2.7
4	1.7	.69	4.8	760	384	2.8	6.0	3.6	5.9	.07	2.6	1.3
5	1.4	643	30	254	39	2.6	3.2	29	2.8	.02	1.4	.64
6	1.0	658	9.8	66	27	2.7	2.1	21	1.7	307	.79	.30
7	.79	85	5.3	487	862	2.5	1.7	10	1.2	267	.71	.64
8	.79	12	3.2	150	353	2.1	1.7	3.0	.95	28	1.7	3.1
9	.79	151	2.4	29	40	1.9	1.4	1.3	.79	9.1	1.4	7.0
10	4.8	39	1.8	16	25	1.9	.87	.90	.57	4.5	.87	11
11	4.8	11	1.4	141	19	2.1	.71	1.0	.50	2.4	.24	7.3
12	1.8	6.0	1.2	513	15	2.3	337	.95	.43	1.5	.07	3.0
13	1.0	4.0	1.1	137	14	3.8	605	.75	.30	1.1	.07	1.4
14	.64	2.7	1.4	20	12	4.3	635	.66	.30	6.3	.43	5.2
15	.71	1.8	1.0	13	213	4.2	659	.57	.24	13	2.7	3.0
16	.64	1.7	.79	10	549	3.4	106	.48	.18	9.1	1.4	1.9
17	.79	1.1	.79	8.7	71	2.1	25	.44	.18	3.6	.43	.95
18	.50	.95	.71	7.7	27	1.8	14	.43	2.6	1.5	.12	.57
19	.36	.95	3.3	160	130	1.8	8.6	.42	2.4	1.1	.07	.24
20	.30	1.1	77	1220	43	1.8	6.0	.80	.57	.95	0	.12
21	.30	23	27	617	36	287	4.5	19	.30	1.7	6.8	.07
22	.30	41	9.6	53	346	78	3.5	37	.24	1.1	2.6	.02
23	.30	11	5.9	172	52	14	4.0	20	.30	.71	.71	0
24	.24	6.0	31	796	18	6.4	3.0	7.6	1.9	.50	.18	0
25	.18	270	1050	792	10	73	2.4	1.8	.87	.43	.02	3.9
26	.18	480	1120	482	7.0	154	1.9	2.6	.50	.30	.12	7.4
27	.12	179	530	350	5.4	733	1.6	1.8	.30	.57	3.2	.71
28	.07	525	50	699	4.5	284	1.8	1.4	.18	3.4	12	.24
29	.02	213	17	575	---	36	1.5	1.2	.12	2.0	5.3	1.2
30	.02	18	11	138	---	16	1.4	1.0	.12	1.4	5.6	.95
31	.24	---	9.3	21	---	8.5	---	.95	---	1.3	53	---
TOTAL	52.58	3386.96	3028.49	9191.5	6088.9	1744.4	2505.18	203.65	65.84	669.86	128.33	90.95
MEAN	1.70	113	97.7	297	217	56.3	83.5	6.57	2.19	21.6	4.14	3.03
MAX	13	658	1120	1220	1870	733	659	37	20	307	53	20
MIN	.02	.24	.71	6.8	4.5	1.8	.71	.42	.12	.02	0	0
CAL YR 1973	TOTAL	32668.01	MEAN	89.5	MAX	3060	MIN	.02				
WTR YR 1974	TOTAL	27156.64	MEAN	74.4	MAX	1870	MIN	0				

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.50	11	155	10	2.9	4.4	6.9	984	26	104	651	16
2	.07	4.4	34	18	2.6	3.7	4.5	545	9.4	132	1120	15
3	0	2.3	17	16	2.4	3.1	4.4	73	4.8	304	734	9.5
4	0	1.8	13	22	3.5	159	3.0	141	2.9	198	451	5.4
5	0	1.4	11	20	3.1	289	3.2	86	2.3	122	242	9.1
6	0	.98	51	12	2.6	59	3.5	27	14	19	478	90
7	0	.40	580	282	2.2	25	2.1	13	544	8.0	347	68
8	0	.48	380	2160	2.0	14	5.0	513	340	4.6	48	20
9	0	.72	84	1280	2.2	8.7	7.7	704	112	950	26	164
10	0	2.5	49	708	1.9	6.3	14	318	72	1370	23	531
11	0	198	32	754	1.8	5.3	31	35	659	1180	15	315
12	0	85	23	312	2.1	4.9	18	15	480	1240	20	224
13	0	17	20	235	2.4	30	7.4	13	67	227	28	678
14	0	6.6	18	59	2.0	67	734	19	18	39	18	68
15	3.3	3.2	180	28	26	26	840	24	17	18	16	20
16	3.2	2.4	185	18	108	184	279	13	32	12	37	11
17	1.3	1.9	100	19	492	131	34	7.4	22	33	140	12
18	.24	8.7	61	12	322	766	18	5.3	8.5	19	55	9.1
19	.02	19	42	9.3	42	554	11	4.4	1300	53	14	7.1
20	0	140	33	8.5	20	71	6.7	3.5	1050	14	9.3	5.1
21	0	365	25	6.9	13	25	5.7	2.9	198	109	53	3.4
22	0	69	21	5.1	9.1	14	147	2.4	22	524	131	2.9
23	0	20	16	4.8	102	10	28	2.0	12	1210	54	2.2
24	0	11	13	4.4	90	9.4	11	1.7	32	220	18	1.9
25	0	9.3	120	4.6	25	26	6.6	1.6	79	28	86	1.6
26	0	21	240	4.4	12	14	4.5	1.5	28	13	486	1.4
27	0	13	66	4.0	7.5	6.7	3.5	1.4	11	13	253	1.2
28	0	8.1	58	4.8	5.7	4.8	2.7	1.3	8.2	11	84	1.1
29	42	5.9	39	4.0	---	3.7	2.6	2.3	13	13	171	.88
30	454	150	21	3.6	---	4.9	241	105	36	196	63	.82
31	83	---	14	3.2	---	4.2	---	96	---	357	32	---
TOTAL	587.63	1180.08	2701	6032.6	1308.0	2532.1	2486.0	3761.7	5220.1	8740.6	5903.3	2294.70
MEAN	19.0	39.3	87.1	195	46.7	81.7	82.9	121	174	282	190	76.5
MAX	454	365	580	2160	492	766	840	984	1300	1370	1120	678
MIN	0	.40	11	3.2	1.8	3.1	2.1	1.3	2.3	4.6	9.3	.82
CAL YR 1974	TOTAL	25157.32	MEAN	68.9	MAX	1870	MIN	0				
WTR YR 1975	TOTAL	42747.81	MEAN	117	MAX	2160	MIN	0				

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	168	1.2	108	50	517	3.2	49	1.0	.46	94	.70	2.6
2	358	1.5	47	30	168	2.9	22	.94	.40	7.6	.58	.24
3	48	2.1	15	722	35	2.8	12	.76	.40	5.8	.40	10
4	14	1.6	6.6	388	18	2.6	8.4	.76	.34	10	.29	7.6
5	7.1	1.5	4.0	59	12	2.3	5.9	.70	.29	2.1	.40	.14
6	4.9	1.5	2.5	25	312	2.3	4.9	.76	.29	3.5	.70	0
7	2.7	1.9	2.3	19	98	7.0	4.0	2.3	.52	1.6	.14	0
8	2.6	1.4	1.8	16	33	38	3.3	9.2	.34	.94	.01	.06
9	2.1	1.4	1.6	10	16	134	2.6	6.7	.29	2.1	.01	.06
10	1.3	1.5	1.5	7.7	10	47	2.4	172	.88	.94	0	.03
11	1.5	1.3	1.5	10	7.1	16	2.2	150	.82	.64	0	.03
12	1.2	1.4	1.5	10	5.5	8.2	1.9	26	.64	.81	0	.03
13	1.1	1.4	2.2	9.8	4.6	5.1	1.7	24	.46	.76	0	.03
14	1.1	1.4	2.1	13	3.7	11	1.7	69	.46	.34	1.1	0
15	1.4	1.4	1.6	11	3.6	30	1.4	29	1.0	.24	.58	0
16	67	1.4	1.4	8.8	3.2	167	1.2	8.1	2.0	.19	.06	.01
17	346	1.4	1.6	5.5	3.2	139	.94	3.4	.94	.77	.03	.03
18	68	1.5	1.5	3.8	3.3	30	.82	2.1	1.3	.52	.03	.10
19	18	1.4	1.2	3.3	2.9	14	.76	1.5	1.0	.03	.01	.01
20	8.4	1.5	1.8	2.8	2.6	7.7	.64	1.2	.82	0	0	.51
21	4.6	1.5	1.4	2.5	221	5.1	.58	.88	.58	0	0	1.2
22	2.8	1.4	1.1	2.4	364	3.7	.52	.82	.46	0	0	.10
23	2.3	1.3	1.0	2.2	66	2.7	.58	.82	.40	0	0	0
24	2.0	1.2	.94	2.0	22	8.4	.64	.70	16	.06	0	0
25	1.7	1.2	1.8	95	12	1440	.82	.76	48	1.4	.01	0
26	1.5	9.5	3.3	89	8.6	1420	.70	.64	3.2	91	.03	0
27	1.8	37	5.2	23	6.5	320	.70	.58	1.1	131	2.2	.06
28	1.6	29	5.1	13	4.9	46	.70	.76	.82	11	6.3	.19
29	1.3	8.4	321	7.1	3.8	27	.76	.64	7.8	3.7	20	.46
30	1.2	13	340	4.9	---	366	.94	.52	35	1.8	1.8	.40
31	1.2	---	144	95	---	254	---	.46	---	.94	.34	---
TOTAL	1144.4	133.5	1031.54	1740.8	1967.5	4569.0	134.70	517.00	127.01	373.78	35.72	23.89
MEAN	36.9	4.45	33.3	56.2	67.8	147	4.49	16.7	4.23	12.1	1.15	.80
MAX	358	37	340	722	517	1440	49	172	48	131	20	10
MIN	1.1	1.2	.94	2.0	2.6	2.3	.52	.46	.29	0	0	0
CAL YR 1975	TOTAL	40588.54	MEAN	111	MAX	2160	MIN	.82				
WTR YR 1976	TOTAL	11798.84	MEAN	32.2	MAX	1440	MIN	0				

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												4.01
2												4.01
3												4.00
4												3.99
5												3.99
6												3.98
7												3.98
8												3.98
9												3.99
10												4.00
11												4.00
12												4.00
13												4.00
14												3.99
15												3.98
16											4.90	3.99
17											4.32	4.00
18											4.43	3.99
19											5.32	3.99
20											4.40	4.01
21											4.18	4.17
22											4.13	4.14
23											4.09	4.19
24											4.05	4.18
25											4.05	4.08
26											4.06	4.08
27											4.07	4.21
28											4.11	4.15
29											4.10	4.05
30											4.10	4.03
31											4.04	---
MEAN											---	4.04
MAX											---	4.21
MIN											---	3.98

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.00	4.02	4.61	7.05	10.77	4.13	8.03	4.29	3.81	5.13	4.84	---
2	3.98	4.03	4.34	7.58	10.95	4.15	5.56	4.28	3.80	4.24	5.34	---
3	3.98	4.07	4.20	10.00	6.48	4.14	5.00	5.34	3.79	4.03	4.19	---
4	3.97	4.00	5.63	9.57	5.43	8.14	4.70	5.55	3.78	3.91	3.90	4.68
5	3.95	3.98	7.55	6.39	5.00	9.00	4.48	4.63	3.80	5.56	---	6.30
6	3.94	3.99	13.71	5.78	4.81	6.71	4.35	4.32	3.83	5.29	---	8.81
7	3.94	3.99	11.21	6.50	4.58	7.65	11.69	10.56	3.84	4.31	---	7.28
8	3.94	3.99	6.57	9.11	5.12	6.50	10.09	12.50	4.35	4.06	---	5.67
9	3.94	3.98	5.41	6.94	11.55	6.82	5.95	7.91	4.58	3.91	---	4.80
10	3.93	3.98	4.91	5.73	10.02	6.20	5.04	5.21	4.23	3.85	---	4.39
11	3.93	3.99	4.61	5.41	7.50	12.64	4.65	4.66	4.07	3.82	---	4.73
12	3.93	3.99	4.56	5.30	6.17	11.21	4.45	4.43	4.03	3.80	---	5.00
13	3.92	5.51	7.14	5.07	5.61	6.62	4.34	4.30	3.97	3.79	---	18.32
14	3.91	7.73	6.44	4.83	10.00	5.50	4.27	4.23	3.91	3.78	---	14.29
15	3.92	5.67	6.56	4.65	7.84	5.05	4.16	4.17	3.91	3.77	---	7.41
16	3.93	4.72	7.12	4.51	5.70	7.37	9.09	4.13	3.90	3.76	4.04	4.89
17	3.93	4.33	5.48	4.41	5.11	6.30	17.74	4.05	3.89	3.76	4.42	4.43
18	3.92	4.87	4.90	4.34	4.81	5.29	19.33	4.02	3.86	3.76	4.93	---
19	3.92	7.18	4.61	4.28	4.63	4.85	12.39	4.00	3.84	3.76	4.59	---
20	3.91	5.88	4.53	4.25	4.49	8.01	6.28	3.99	3.84	3.76	4.05	---
21	3.98	4.88	9.88	5.21	4.39	7.62	5.14	3.98	3.83	3.91	3.88	---
22	5.01	4.42	9.72	5.14	4.32	5.65	4.72	3.97	4.04	5.16	3.83	---
23	5.88	4.20	6.20	4.61	4.31	5.02	4.49	3.94	3.81	5.18	3.78	---
24	6.28	4.14	5.37	4.35	4.27	13.12	4.38	3.88	3.80	4.26	3.76	3.85
25	4.78	6.27	4.91	4.30	4.25	20.98	6.44	4.04	3.79	4.29	3.75	3.83
26	4.34	6.96	4.63	5.68	4.23	14.59	9.33	3.91	3.78	5.88	3.74	3.83
27	4.49	5.30	4.45	5.94	4.20	6.54	6.86	3.84	3.78	4.51	3.82	3.86
28	4.24	4.99	4.32	5.87	4.15	5.53	5.07	3.82	3.78	4.13	3.98	3.86
29	4.10	6.01	4.26	5.91	---	6.44	4.59	3.80	3.77	3.96	---	4.64
30	4.06	5.15	4.92	5.08	---	6.21	4.37	3.79	4.07	---	4.10	4.93
31	4.05	---	8.26	4.72	---	11.56	---	3.79	---	---	3.95	---
MEAN	4.19	4.87	6.16	5.76	6.10	7.73	6.90	4.82	3.92	---	---	---
MAX	6.28	7.73	13.71	10.00	11.55	20.98	19.33	12.50	4.58	---	---	---
MIN	3.91	3.98	4.20	4.25	4.15	4.13	4.16	3.79	3.77	---	---	---

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.96	3.75	4.70	4.57	4.92	4.40	4.48	---	3.80	3.63	4.37	5.05
2	4.82	3.73	4.44	4.44	12.18	4.35	6.24	---	4.82	3.63	4.54	4.24
3	4.04	3.72	4.29	9.77	18.42	4.31	5.15	5.26	4.96	3.63	4.23	3.94
4	3.92	3.76	4.26	13.33	9.87	4.26	4.55	---	4.23	3.63	3.93	3.79
5	3.87	12.31	5.71	8.64	6.08	4.23	4.24	5.50	3.95	3.62	3.81	3.71
6	3.83	12.49	4.70	6.32	5.68	4.24	4.12	5.13	3.84	8.41	3.73	3.67
7	3.80	6.54	4.31	11.03	13.73	4.22	4.06	---	3.78	8.86	3.72	3.71
8	3.80	4.85	4.11	7.61	12.76	4.17	4.05	---	3.75	5.44	3.84	3.98
9	3.80	7.23	4.02	5.75	6.11	4.15	4.00	---	3.73	4.48	3.80	4.32
10	4.22	5.91	3.95	5.15	5.58	4.15	3.93	---	3.70	4.11	3.74	4.59
11	4.24	4.78	3.91	6.74	5.28	4.17	3.91	---	3.69	3.91	3.66	4.33
12	3.93	4.37	3.88	11.26	5.09	4.19	8.52	---	3.68	3.82	3.63	3.97
13	3.83	4.18	3.87	7.34	4.97	4.39	12.10	---	3.67	3.77	3.63	3.81
14	3.78	4.04	3.91	5.37	4.88	4.44	12.13	---	3.67	4.12	3.68	4.16
15	3.79	3.96	3.86	4.94	7.26	4.43	12.51	---	3.66	4.71	3.94	3.98
16	3.78	3.93	3.83	4.73	11.52	4.34	6.97	---	3.65	4.48	3.81	3.86
17	3.80	3.85	3.83	4.61	6.67	4.17	5.33	---	3.65	4.03	3.68	3.75
18	3.76	3.83	3.82	4.52	5.67	4.13	4.77	---	3.93	3.82	3.64	3.70
19	3.74	3.83	4.06	6.90	7.30	4.13	4.44	---	3.90	3.77	3.63	3.66
20	3.73	3.85	6.70	15.96	6.37	4.12	---	---	3.70	3.75	3.61	3.64
21	3.73	5.24	5.58	12.03	5.74	8.84	---	4.86	3.67	3.84	4.26	3.63
22	3.73	6.01	4.68	6.30	9.66	6.61	---	5.83	3.66	3.77	3.93	3.62
23	3.73	4.76	4.36	7.22	6.28	5.11	---	5.10	3.67	3.72	3.72	3.60
24	3.72	4.36	4.74	13.45	5.36	4.59	---	4.36	3.86	3.69	3.65	3.58
25	3.71	8.15	15.09	13.55	4.95	6.59	---	---	3.74	3.68	3.62	3.93
26	3.71	10.96	15.45	10.98	4.71	7.43	---	---	3.69	3.67	3.64	4.27
27	3.70	7.96	11.37	9.70	4.56	13.13	---	---	3.67	3.70	3.94	3.72
28	3.69	11.37	6.23	12.59	4.46	9.01	---	---	3.65	4.01	4.68	3.66
29	3.68	8.17	5.19	11.83	---	5.99	---	---	3.64	3.87	4.18	3.78
30	3.68	5.25	4.82	7.37	---	5.25	---	3.76	3.64	3.81	4.15	3.75
31	3.72	---	4.66	5.41	---	4.78	---	3.75	---	3.79	6.31	---
MEAN	3.88	5.90	5.43	8.37	7.36	5.24	---	---	3.82	4.23	3.96	3.91
MAX	4.96	12.49	15.45	15.96	18.42	13.13	---	---	4.96	8.86	6.31	5.05
MIN	3.68	3.72	3.82	4.44	4.46	4.12	---	---	3.64	3.62	3.61	3.58

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.69	4.47	---	4.41	3.92	4.05	4.23	14.73	5.02	6.46	11.81	4.54
2	3.63	4.05	---	4.78	3.89	3.99	4.06	11.41	4.38	6.98	15.46	4.49
3	3.61	3.86	---	4.69	3.87	3.94	4.05	6.15	4.08	9.24	13.06	4.28
4	3.60	3.81	---	4.93	3.97	6.76	3.93	7.26	3.92	8.02	10.68	4.08
5	3.59	3.77	---	4.87	3.94	9.03	3.95	6.36	3.86	6.87	8.54	4.23
6	3.58	3.72	---	4.49	3.89	5.85	3.97	5.08	4.13	4.80	10.95	6.28
7	3.57	3.65	---	7.19	3.85	5.02	3.84	4.58	11.45	4.30	9.61	5.87
8	3.56	3.66	---	19.51	3.83	4.59	4.06	10.84	9.51	4.07	5.43	4.65
9	3.56	3.69	---	15.85	3.85	4.34	4.28	12.91	6.84	13.55	4.85	7.02
10	3.56	3.81	---	12.33	3.82	4.19	4.60	9.12	5.90	16.46	4.76	11.43
11	3.56	7.95	---	13.22	3.81	4.12	5.16	5.30	12.55	15.24	4.50	9.31
12	3.56	6.27	---	9.27	3.84	4.09	4.77	4.68	11.06	15.94	4.67	8.04
13	3.56	4.72	---	8.41	3.87	4.88	4.26	4.57	5.96	8.07	4.91	12.24
14	3.57	4.21	---	5.84	3.83	6.02	11.58	4.84	4.79	5.40	4.59	5.86
15	3.94	3.95	---	5.11	4.55	5.07	13.87	4.99	4.74	4.78	4.51	4.65
16	3.99	---	---	4.77	6.74	7.80	8.68	4.55	5.23	4.52	5.14	4.34
17	3.79	---	---	4.83	11.02	7.08	5.27	4.26	4.91	5.03	7.29	4.39
18	3.66	---	---	4.50	9.17	13.29	4.80	4.12	4.33	4.77	5.58	4.26
19	3.62	---	---	4.37	5.47	11.58	4.45	4.05	15.28	5.71	4.46	4.17
20	3.59	---	---	4.33	4.85	6.05	4.22	3.97	14.89	4.62	4.26	4.06
21	3.57	---	---	4.23	4.55	5.02	4.14	3.92	7.67	5.75	5.19	3.95
22	3.56	---	---	4.11	4.36	4.63	7.29	3.87	4.94	11.14	7.11	3.91
23	3.55	---	---	4.08	6.41	4.42	5.09	3.83	4.49	15.71	5.56	3.84
24	3.56	---	---	4.05	6.40	4.38	4.48	3.80	5.10	8.07	4.59	3.81
25	3.56	---	---	4.07	5.02	4.99	4.21	3.79	6.26	5.09	5.93	3.78
26	3.56	---	---	4.05	4.50	4.52	4.06	3.78	5.08	4.58	11.02	3.75
27	3.56	---	6.01	4.02	4.27	4.22	3.97	3.77	4.46	4.57	8.43	3.72
28	3.57	---	5.84	4.08	4.15	4.08	3.90	3.76	4.31	4.47	6.02	3.71
29	4.90	---	5.40	4.02	---	3.99	3.89	3.85	4.55	4.40	7.49	3.68
30	10.71	---	4.90	3.98	---	4.09	7.36	6.51	5.30	7.79	5.82	3.67
31	6.09	---	4.59	3.95	---	4.03	---	6.54	---	9.77	5.00	---
MEAN	3.97	---	---	6.20	4.84	5.49	5.21	5.84	6.50	7.62	7.01	5.20
MAX	10.71	---	---	19.51	11.02	13.29	13.87	14.73	15.28	16.46	15.46	12.24
MIN	3.55	---	---	3.95	3.81	3.94	3.84	3.76	3.86	4.07	4.26	3.67

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.01	3.72	5.76	5.48	11.30	3.93	5.47	3.68	3.58	6.18	3.68	3.86
2	9.76	3.78	5.74	4.93	7.42	3.91	4.71	3.67	3.57	4.13	3.66	3.61
3	5.40	3.83	4.48	12.91	5.10	3.90	4.40	3.64	3.57	3.95	3.64	3.95
4	4.42	3.78	4.14	9.96	4.58	3.88	4.23	3.63	3.56	4.22	3.62	4.07
5	4.17	3.76	3.99	5.70	4.37	3.85	4.10	3.62	3.55	3.78	3.64	3.60
6	4.05	3.78	3.87	4.82	8.98	3.85	4.04	3.63	3.55	3.90	3.68	3.54
7	3.89	3.81	3.85	4.64	6.50	4.15	3.98	3.80	3.59	3.72	3.59	3.55
8	3.88	3.75	3.80	4.54	5.03	4.89	3.92	4.25	3.56	3.64	3.56	3.58
9	3.83	3.75	3.78	4.32	4.52	7.12	3.86	4.15	3.55	3.77	3.56	3.58
10	3.74	3.75	3.76	4.20	4.32	5.42	3.83	6.98	3.65	3.64	3.55	3.57
11	3.76	3.74	3.76	4.30	4.17	4.51	3.81	7.30	3.64	3.59	3.53	3.52
12	3.73	3.75	3.76	4.31	4.09	4.22	3.77	4.84	3.60	3.61	3.52	3.52
13	3.71	3.75	3.84	4.29	4.03	4.06	3.75	4.76	3.57	3.61	3.54	3.52
14	3.71	3.75	3.83	4.43	3.97	4.29	3.76	5.96	3.57	3.54	3.72	3.49
15	3.75	3.75	3.77	4.35	3.96	5.12	3.74	4.91	3.63	3.52	3.66	3.50
16	5.29	3.75	3.75	4.25	3.93	7.49	3.72	4.21	3.77	3.51	3.58	3.51
17	9.66	3.75	3.77	4.09	3.93	7.10	3.69	3.92	3.65	3.60	3.57	3.52
18	5.85	3.75	3.76	3.98	3.94	4.94	3.67	3.80	3.70	3.65	3.57	3.54
19	4.54	3.75	3.73	3.94	3.91	4.45	3.67	3.73	3.66	3.57	3.56	3.51
20	4.23	3.75	3.80	3.90	3.88	4.20	3.65	3.69	3.63	3.55	3.55	3.59
21	4.03	3.75	3.75	3.87	7.39	4.06	3.65	3.65	3.59	3.53	3.55	3.72
22	3.90	3.75	3.71	3.86	9.84	3.97	3.65	3.64	3.57	3.53	3.55	3.54
23	3.85	3.74	3.70	3.84	5.82	3.89	3.65	3.64	3.56	3.53	3.55	3.49
24	3.82	3.73	3.69	3.82	4.72	4.06	3.65	3.62	3.98	3.58	3.55	3.49
25	3.79	3.73	3.80	5.56	4.39	16.35	3.67	3.63	5.27	3.75	3.56	3.50
26	3.76	4.14	3.94	5.21	4.24	16.68	3.65	3.61	3.88	6.18	3.57	3.50
27	3.80	5.14	4.05	4.74	4.14	9.14	3.64	3.60	3.67	6.96	3.82	3.53
28	3.77	4.92	4.06	4.43	4.05	5.40	3.64	3.63	3.63	4.32	3.90	3.56
29	3.74	4.23	9.16	4.17	3.98	4.87	3.64	3.61	4.13	3.97	4.60	3.61
30	3.73	4.32	9.60	4.05	---	9.86	3.67	3.59	4.95	3.80	3.80	3.60
31	3.72	---	7.28	5.46	---	8.55	---	3.58	---	3.71	3.63	---
MEAN	4.53	3.89	4.47	4.95	5.19	5.87	3.88	4.13	3.75	3.99	3.65	3.59
MAX	9.76	5.14	9.60	12.91	11.30	16.68	5.47	7.30	5.27	6.96	4.60	4.07
MIN	3.71	3.72	3.69	3.82	3.88	3.85	3.64	3.58	3.55	3.51	3.52	3.49
CAL YR 1975	MEAN 5.58		MAX 19.51	MIN 3.67								
WTR YR 1976	MEAN 4.32		MAX 16.68	MIN 3.49								

07377842 WHITE BAYOU NEAR BAKER, LA

LOCATION.--Lat 30°34'45", long 91°07'18", in NW¼SW¼ lot 28, T.5 S., R.1 E., St. Helena meridian, East Baton Rouge Parish, near center of span on downstream side of bridge on Pettit Road, 0.1 mi (0.2 km) upstream from pipeline crossing, 0.6 mi (1.0 km) downstream from State Highway 67, and 2.8 mi (4.5 km) east of Baker.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1972 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 60 ft or 18 m (approximately), from topographic map.

REMARKS.--Records good above 10 ft³/s (0.28 m³/s) and poor below. Records of dissolved oxygen and water temperatures for water year 1976 are published under miscellaneous water-quality sites in this report.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharges for water years 1972-76 are contained in the following table; minimum, no flow many days each year.

Water year	Date	Discharge (ft ³ /s)	(m ³ /s)	Gage height (feet)	(meters)
1972a	Sept. 22	11	0.31	5.80	1.768
1973	Mar. 24	641	18.2	15.29	4.660
1974	Dec. 25	341	9.66	12.68	3.865
1975	Apr. 30	395	11.2	13.23	4.033
1976	Mar. 25	289	8.18	11.55	3.520

a Period Aug. 25 to Sept. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, AUGUST TO SEPTEMBER 1972 (MEAN VALUES)

DAY	AUG	SEP	DAY	AUG	SEP	DAY	AUG	SEP
1		0	12		0	23		11
2		9.6	13		0	24		.90
3		1.2	14		0	25	0	.78
4		.26	15		0	26	.01	1.4
5		.12	16		0	27	.20	1.1
6		.02	17		0	28	.26	.67
7	0		18		0	29	.20	.61
8	0		19		.01	30	.10	1.6
9	0		20		1.1	31	0	---
10	0		21		1.6			
11	0		22		8.7			

SEPTEMBER: TOTAL 40.67 MEAN 1.36 MAX 1 MIN 0

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973 (MEAN VALUES)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	.05	.36	9.3	121	2.0	10	.46	.17	0	5.7	.03
2	.46	.04	.34	22	92	5.1	3.4	.67	.10	0	4.5	.02
3	.30	.20	.36	57	16	1.7	2.3	5.2	.13	0	.60	.08
4	.18	.18	.46	24	4.6	74	1.6	1.4	.06	0	.20	2.8
5	.15	.15	81	6.4	1.7	26	1.1	.60	.05	0	.06	21
6	.12	.12	132	4.4	.59	32	.79	.44	.05	0	.04	30
7	.10	.15	27	12	.93	58	142	111	1.4	0	.52	9.8
8	.15	.12	6.8	26	13	14	36	58	1.6	0	1.1	3.1
9	.12	.09	3.4	7.8	85	13	6.0	6.0	.37	0	.20	.76
10	.10	.07	2.3	3.6	39	3.5	2.5	1.7	.13	0	.13	.86
11	.08	.05	1.4	3.1	22	71	1.4	.79	.07	0	.08	1.2
12	.06	.30	3.6	2.8	8.5	20	1.1	.57	.07	.02	.02	5.4
13	.04	.20	18	3.0	15	2.4	.83	.46	.16	.01	2.1	318
14	.10	135	4.1	3.7	62	.45	.66	.37	.28	0	1.0	160
15	.06	30	7.4	3.5	15	.10	.52	.31	1.9	0	.17	29
16	.04	4.8	3.2	3.3	3.3	61	127	.22	.52	.03	.22	1.1
17	.03	.25	1.6	3.7	.75	44	444	.20	.28	.19	8.1	.69
18	.06	20	1.4	4.0	.69	4.8	429	.17	.20	.02	20	.79
19	.10	42	.82	4.6	.93	.45	201	.14	4.4	0	2.9	.54
20	.06	5.4	13	4.7	.69	63	20	.13	1.4	0	.34	.44
21	2.6	1.4	137	46	1.4	21	3.2	.07	.74	.05	.13	.29
22	6.0	.67	30	20	1.9	1.8	1.8	.05	5.7	.92	.06	.04
23	10	.46	4.9	6.6	2.1	2.2	1.3	.05	.55	1.4	.01	0
24	20	.58	.75	2.6	2.0	261	.94	.45	.19	.20	0	0
25	6.0	40	.41	2.5	1.1	494	21	1.1	.10	.17	0	0
26	1.5	9.6	1.2	16	.49	368	10	.46	.06	.16	0	0
27	2.0	2.0	1.4	10	.64	192	2.8	.28	.03	.32	0	.08
28	.80	.98	2.0	31	1.8	15	1.2	.19	.04	.20	0	.86
29	.20	.64	2.2	12	---	16	.72	.10	.02	.10	.05	.48
30	.10	.55	7.9	5.2	---	13	.54	.07	0	.05	.04	.81
31	.08	---	38	3.1	---	33	---	.06	---	.03	.03	---
TOTAL	52.69	315.85	579.84	363.9	514.11	1913.50	1474.70	191.71	20.77	3.87	48.30	588.17
MEAN	1.70	10.5	18.7	11.7	18.4	61.7	49.2	6.18	.69	.12	1.56	19.6
MAX	20	135	137	57	121	494	444	111	5.7	1.4	20	318
MIN	.03	.04	.34	2.5	.49	.10	.52	.05	0	0	0	0

WTR YR 1973 TOTAL 6067.41 MEAN 16.6 MAX 494 MIN 0

07377842 WHITE BAYOU NEAR BAKER, LA--Continued

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.19	.01	.79	1.6	1.4	.38	1.4	.20	1.0	.31	1.1	1.8
2	.11	0	.52	.79	116	.40	55	.20	2.3	.29	.66	.46
3	.11	0	.28	91	180	.42	15	.20	2.3	.29	.50	.30
4	.05	.84	1.4	94	78	.52	4.3	.22	1.2	.28	7.1	.10
5	0	123	1.0	18	5.6	.29	1.9	2.2	.90	.28	8.8	.05
6	0	12	.52	8.6	3.3	.31	1.1	.54	.69	68	19	.03
7	0	.75	.42	57	134	.29	.72	.32	.60	48	46	.16
8	0	.34	.48	20	35	.29	.60	.26	.52	7.8	8.1	10
9	0	.23	.37	6.0	6.4	.32	.48	.23	.46	1.4	1.6	11
10	0	.17	.32	3.4	2.9	.78	.46	.23	.40	.90	.83	.82
11	0	.13	.29	15	1.0	3.8	.38	.42	.35	.72	.72	.20
12	0	.10	.28	30	1.1	.54	23	.60	.31	.66	.76	.10
13	0	.05	.28	6.7	.86	.40	62	.52	.28	4.0	7.0	0
14	0	.01	.26	3.1	.76	.31	56	.40	.23	12	14	0
15	0	.02	.28	1.8	37	.34	54	.31	.19	20	2.7	.01
16	.02	.01	.28	1.4	55	2.5	18	.23	.16	1.8	2.1	0
17	.05	.04	.26	1.2	9.3	.63	5.5	.22	.14	.86	2.4	0
18	.04	.04	.26	.83	3.4	.26	1.9	.22	.17	.66	2.4	0
19	0	.07	3.0	33	12	.26	.86	.25	.23	.60	2.4	.01
20	0	.25	7.8	211	5.4	.26	.69	.42	.25	.54	7.1	.01
21	0	2.5	1.6	59	2.6	3.4	.57	30	.23	4.1	18	.02
22	0	.38	.83	8.2	2.7	1.3	.60	27	.20	10	4.2	.02
23	0	.08	.52	17	1.5	.48	2.3	4.1	.25	1.1	2.9	.01
24	0	.08	19	61	1.0	.37	.69	1.0	3.8	.54	3.2	0
25	0	45	288	44	.57	40	.40	.48	1.0	.50	4.0	7.7
26	0	48	236	34	.54	92	.31	.40	.54	.54	15	20
27	0	8.7	68	31	.46	241	.32	.66	.42	.60	35	2.4
28	0	13	9.5	70	.44	56	.52	1.0	.37	.57	46	.62
29	0	4.1	3.9	54	---	10	.29	1.2	.32	.60	14	.30
30	0	1.4	2.2	10	---	4.1	.22	1.1	.31	.60	3.7	.18
31	0	---	3.2	3.8	---	1.6	---	.98	---	1.5	10	---
TOTAL	.57	261.31	651.84	996.42	698.23	463.55	309.51	76.11	20.12	190.04	291.27	56.30
MEAN	.018	8.71	21.0	32.1	24.9	15.0	10.3	2.46	.67	6.13	9.40	1.88
MAX	.19	123	288	211	180	241	62	30	3.8	68	46	20
MIN	0	0	.26	.79	.44	.26	.22	.20	.14	.28	.50	0

CAL YR 1973 TOTAL 6032.75 MEAN 16.5 MAX 494 MIN 0
 WT2 YR 1974 TOTAL 4015.27 MEAN 11.0 MAX 288 MIN 0

MISSISSIPPI RIVER DELTA

07377842 WHITE BAYOU NEAR BAKER, LA--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.10	.01	9.6	.34	.75	.81	.57	274	12	1.4	229	.59
2	.06	.02	2.8	.46	.84	.61	.74	69	2.4	1.4	173	.43
3	.03	.01	.85	.38	.84	.59	1.3	11	.90	14	104	.37
4	.03	0	.58	.54	1.1	29	.55	67	.52	22	120	.39
5	.02	0	.50	1.2	1.7	26	.43	24	.35	1.6	42	.58
6	.01	0	16	.58	.84	5.6	.41	5.6	.27	.90	14	3.0
7	.01	.01	52	.53	.75	2.5	.39	2.3	.45	.55	5.2	1.4
8	0	.03	11	274	1.2	1.4	1.3	77	1.2	.43	6.5	.53
9	.01	.09	2.9	185	.90	.90	1.3	38	1.2	15	2.2	29
10	.02	.09	1.0	178	.75	.66	1.1	9.4	4.8	44	14	52
11	.01	23	2.0	123	.75	.49	2.1	3.0	36	108	17	21
12	0	4.7	1.4	40	1.3	.49	.62	1.6	35	117	7.7	47
13	0	.75	.76	22	.93	7.0	.45	.87	9.0	42	14	84
14	0	.42	.50	7.2	.90	8.5	144	1.6	2.2	6.2	3.7	15
15	.13	.30	13	3.2	2.3	5.1	129	4.8	5.2	1.8	1.2	2.4
16	.97	.28	6.0	2.0	6.4	40	21	2.0	5.3	.79	5.8	1.3
17	.16	.42	2.4	1.8	17	20	4.3	.93	2.1	.57	7.2	1.3
18	.08	.58	1.0	1.0	7.1	95	1.8	.61	.79	3.0	2.4	.69
19	.02	.62	.58	.87	3.2	31	.86	.45	.41	32	1.0	.57
20	0	15	1.4	1.2	1.8	6.9	.66	.49	27	17	1.5	.47
21	0	11	1.7	.81	1.2	2.3	.59	.66	15	4.9	26	.35
22	0	2.3	.88	.59	1.2	1.1	.66	.84	1.5	42	73	.30
23	0	.70	.62	.49	15	.66	.57	.87	.53	233	15	.30
24	0	.42	.66	.79	11	.57	.55	.84	3.4	94	4.2	.22
25	0	.30	36	1.6	3.5	.45	.53	1.0	3.1	14	19	.18
26	0	.28	29	1.1	1.6	.45	.53	3.8	.93	3.1	38	.14
27	0	.22	6.0	.87	1.1	.41	.55	.84	.47	4.8	11	.12
28	0	.20	2.4	.87	.96	.37	.63	.52	5.8	1.6	2.9	.12
29	.06	.20	1.0	.84	---	.37	3.7	.87	18	1.3	1.6	.10
30	.20	30	.70	.72	---	1.1	151	67	3.8	7.7	1.4	.09
31	.06	---	.42	.69	---	.66	---	54	---	53	1.0	---
TOTAL	1.98	91.95	205.65	905.14	86.91	290.99	472.19	724.89	199.62	889.04	964.5	263.94
MEAN	.064	3.07	6.63	29.2	3.10	9.39	15.7	23.4	6.65	28.7	31.1	8.80
MAX	.97	30	52	274	17	95	151	274	36	233	229	84
MIN	0	0	.42	.34	.75	.37	.39	.45	.27	.43	1.0	.09
CAL YR 1974	TOTAL	3401.13	MEAN	9.32	MAX	241	MIN	0				
WTR YR 1975	TOTAL	5096.80	MEAN	14.0	MAX	274	MIN	0				

07377842 WHITE BAYOU NEAR BAKER, LA--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.5	.05	2.0	1.8	93	1.8	3.3	.14	0	42	0	.14
2	.91	.10	.74	2.1	19	1.7	1.6	.10	0	5.9	.05	.09
3	.35	.12	.41	70	5.3	1.7	1.1	.08	.09	.37	.05	1.1
4	.22	.14	.30	16	2.6	1.6	.96	.06	.02	.05	.05	13
5	.16	.14	.28	3.1	1.6	1.6	.84	.06	0	.29	.14	1.2
6	.14	.15	.28	1.4	173	1.6	.66	.06	.38	0	1.1	.02
7	.09	.14	.32	2.1	41	1.5	.52	.17	1.8	0	.02	0
8	.09	.12	.32	1.3	8.8	2.6	.41	.78	.25	0	0	0
9	.08	.12	.33	1.1	4.0	9.4	.33	.24	.05	.19	0	0
10	.18	.12	.33	.90	2.6	3.8	.26	58	0	.14	0	0
11	.15	.14	.33	.96	1.8	2.0	.21	36	0	.14	0	0
12	.09	.16	.32	1.2	1.6	1.8	.20	.97	0	10	.02	0
13	.06	.16	.33	1.3	1.9	2.0	.18	.73	0	55	.53	0
14	.04	.15	.37	1.7	1.8	2.4	.26	1.8	0	4.3	.19	0
15	.10	.16	.35	1.8	1.8	3.3	.30	.24	.02	.25	.14	0
16	2.3	.18	.37	1.7	1.8	6.6	.32	0	.34	.02	0	.02
17	.98	.20	.47	1.6	1.9	4.2	.30	0	13	.02	0	0
18	.27	.20	.45	1.6	1.8	2.9	.28	0	5.1	.14	0	0
19	.14	.20	.43	1.7	1.8	2.2	.27	0	.11	0	0	0
20	.09	.24	.41	1.8	2.0	2.1	.24	0	0	0	0	.05
21	.06	.26	.39	1.8	40	2.0	.24	0	0	0	0	0
22	.04	.24	.39	1.8	35	2.0	.22	.02	0	0	0	0
23	.04	.22	.39	1.8	6.9	2.0	.20	.02	0	0	0	0
24	.04	.21	.37	1.8	3.5	3.4	.18	.02	0	0	0	0
25	.04	.35	.64	37	2.5	208	.15	.02	4.7	0	0	0
26	.06	2.9	.69	89	2.2	208	.14	.02	.36	0	0	.02
27	.06	3.5	.53	12	1.9	50	.12	.05	.09	0	.09	.37
28	.08	.61	.53	3.6	1.8	5.6	.10	.05	.09	0	6.4	1.0
29	.06	.24	34	1.8	1.8	2.3	.09	.02	.95	0	1.3	1.2
30	.06	.77	12	1.2	---	14	.15	.02	1.9	0	0	1.5
31	.06	---	6.0	29	---	9.3	---	0	---	0	0	---
TOTAL	13.54	12.31	65.07	295.96	464.7	563.4	14.13	99.67	29.25	118.81	10.08	19.71
MEAN	.44	.41	2.10	9.55	16.0	18.2	.47	3.22	.98	3.83	.33	.66
MAX	6.5	3.5	34	89	173	208	3.3	58	13	55	6.4	13
MIN	.04	.05	.28	.90	1.6	1.5	.09	0	0	0	0	0
CAL YR 1975	TOTAL	4888.14	MEAN	13.4	MAX	274	MIN	.04				
WTY YR 1976	TOTAL	1706.63	MEAN	4.66	MAX	208	MIN	0				

MISSISSIPPI RIVER DELTA

07377842 WHITE BAYOU NEAR BAKER, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												3.37
2												4.37
3												3.82
4												3.53
5												3.46
6												3.40
7												3.35
8												3.30
9												3.30
10												3.31
11												3.33
12												3.33
13												3.31
14												3.32
15												3.33
16												3.34
17												3.34
18												3.33
19												3.37
20												3.78
21												3.88
22												4.06
23												4.51
24												3.75
25											3.40	3.72
26											3.38	3.87
27											3.50	3.80
28											3.53	3.69
29											3.50	3.67
30											3.45	3.90
31											3.38	---
MEAN											---	3.59
MAX											---	4.51
MIN											---	3.30

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.80	---	3.58	4.88	8.07	4.38	4.72	3.65	3.49	3.32	4.04	3.37
2	3.62	---	3.57	5.44	7.60	4.63	4.23	3.72	3.46	3.31	4.31	3.36
3	3.55	---	3.58	6.64	5.17	4.35	4.07	4.40	3.48	3.31	3.69	3.42
4	3.49	---	5.60	5.53	4.59	6.95	3.95	3.91	3.44	3.30	3.49	4.01
5	---	---	6.83	4.72	4.35	5.62	3.85	3.71	3.43	3.30	3.39	5.26
6	---	---	8.38	4.58	4.19	5.70	3.77	3.64	3.44	3.32	3.37	5.94
7	---	---	5.19	4.95	4.25	6.66	8.81	7.62	3.68	3.33	3.50	4.99
8	---	---	4.32	5.59	4.66	5.13	5.83	6.50	3.94	3.33	3.79	4.45
9	---	---	4.11	4.80	7.48	5.06	4.46	4.45	3.60	3.32	3.49	4.03
10	---	---	4.00	4.52	6.07	4.51	4.11	3.97	3.44	3.30	3.44	4.19
11	---	---	3.86	4.48	5.44	7.05	3.92	3.77	3.40	3.31	3.41	4.26
12	---	---	3.93	4.46	4.84	5.36	3.85	3.70	3.40	3.35	3.35	4.49
13	---	---	4.83	4.47	4.99	4.42	3.78	3.65	3.46	3.34	3.70	12.71
14	---	---	4.16	4.53	6.78	4.16	3.73	3.60	3.54	3.33	3.74	9.76
15	---	---	4.35	4.51	5.11	4.03	3.68	3.56	3.84	3.32	3.47	5.98
16	---	---	4.09	4.50	4.50	6.36	6.93	3.50	3.68	3.34	3.50	4.38
17	---	---	3.89	4.53	4.22	6.19	13.71	3.49	3.54	3.47	4.28	4.28
18	---	4.45	3.85	4.55	4.21	4.58	13.53	3.47	3.49	3.34	5.22	4.31
19	---	5.69	3.73	4.59	4.25	4.16	10.22	3.45	3.94	3.31	4.15	4.23
20	---	4.24	4.45	4.60	4.21	6.70	5.12	3.44	3.85	3.31	3.58	4.18
21	---	3.87	8.75	6.17	4.31	5.38	4.20	3.40	3.64	3.35	3.45	4.09
22	---	3.69	5.72	5.38	4.37	4.36	3.98	3.38	4.40	3.67	3.40	3.92
23	---	3.62	4.62	4.73	4.39	4.26	3.89	3.38	3.65	3.82	3.35	3.85
24	---	3.65	4.22	4.44	4.38	10.34	3.81	3.60	3.48	3.47	3.33	3.85
25	---	5.63	4.15	4.43	4.28	14.16	5.07	3.84	3.42	3.45	3.33	3.83
26	---	4.45	4.29	5.20	4.17	12.93	4.75	3.65	3.39	3.44	3.32	3.79
27	---	3.96	4.32	4.94	4.20	9.93	4.15	3.54	3.36	3.55	3.31	3.88
28	---	3.77	4.38	5.78	4.36	4.97	3.88	3.48	3.37	3.47	3.34	4.33
29	---	3.68	4.40	5.02	---	5.09	3.75	3.42	3.35	3.40	3.39	4.20
30	---	3.65	4.68	4.64	---	4.88	3.69	3.40	3.33	3.36	3.38	4.10
31	---	---	6.03	4.48	---	5.80	---	3.39	---	3.34	3.37	---
MEAN	---	---	4.71	4.91	4.99	6.07	5.25	3.86	3.56	3.38	3.61	4.71
MAX	---	---	8.75	6.64	8.07	14.16	13.71	7.62	4.40	3.82	5.22	12.71
MIN	---	---	3.57	4.43	4.17	4.03	3.68	3.38	3.33	3.30	3.31	3.36

07377842 WHITE BAYOU NEAR BAKER, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.02	3.89	3.91	3.97	3.92	3.61	3.83	3.41	3.83	3.64	3.87	4.29
2	3.97	3.79	3.82	3.80	7.57	3.62	6.50	3.41	4.09	3.65	3.75	4.07
3	3.97	3.78	3.68	7.03	9.84	3.63	5.01	3.41	4.10	3.66	3.69	4.03
4	3.93	3.90	3.99	7.59	7.07	3.68	4.28	3.42	3.90	3.66	4.16	3.92
5	3.87	8.81	3.91	5.13	4.45	3.55	3.93	3.98	3.84	3.66	4.61	3.87
6	3.83	5.25	3.76	4.63	4.22	3.56	3.78	3.61	3.79	6.47	4.76	3.85
7	3.79	4.30	3.71	6.56	8.63	3.55	3.68	3.49	3.77	6.28	6.20	3.95
8	3.76	4.12	3.74	5.24	5.80	3.55	3.63	3.45	3.75	4.56	4.61	4.80
9	3.74	4.05	3.68	4.48	4.51	3.57	3.58	3.43	3.73	3.94	3.96	4.88
10	3.75	4.01	3.65	4.23	4.17	3.68	3.57	3.43	3.71	3.82	3.80	4.15
11	3.74	3.98	3.63	4.72	3.83	4.23	3.53	3.55	3.69	3.77	3.77	3.97
12	3.73	3.96	3.62	5.67	3.85	3.69	4.88	3.63	3.68	3.75	3.78	3.92
13	3.74	3.93	3.62	4.53	3.79	3.62	6.71	3.60	3.67	4.13	4.38	3.81
14	3.76	3.89	3.61	4.19	3.76	3.56	6.48	3.54	3.66	4.87	4.96	3.77
15	3.86	3.90	3.62	3.98	5.27	3.58	6.46	3.48	3.64	5.25	4.15	3.83
16	3.90	3.89	3.62	3.92	6.37	4.04	5.12	3.43	3.63	4.00	4.06	3.80
17	3.93	3.92	3.61	3.86	4.70	3.72	4.38	3.42	3.63	3.81	4.11	3.78
18	3.92	3.92	3.61	3.78	4.23	3.53	3.92	3.42	3.66	3.75	4.11	3.82
19	3.86	3.85	4.00	5.31	4.85	3.53	3.71	3.44	3.71	3.73	4.12	3.83
20	3.79	3.77	4.64	10.53	4.43	3.53	3.66	3.55	3.73	3.71	4.43	3.84
21	3.80	4.40	4.03	6.55	4.12	4.20	3.62	5.22	3.73	4.12	5.19	3.86
22	3.79	3.91	3.86	4.63	4.13	3.89	3.63	5.53	3.72	4.72	4.31	3.87
23	3.77	3.71	3.76	4.92	3.93	3.66	4.01	4.21	3.75	3.86	4.18	3.87
24	3.78	3.71	4.45	6.64	3.83	3.60	3.66	3.75	4.28	3.71	4.22	3.86
25	3.75	6.10	11.96	6.16	3.70	5.93	3.54	3.59	3.84	3.69	4.32	4.35
26	3.74	6.42	11.02	5.79	3.69	7.41	3.48	3.56	3.70	3.71	4.92	5.35
27	3.75	4.84	6.84	5.70	3.65	11.07	3.49	3.68	3.65	3.73	5.84	4.27
28	3.74	5.06	4.74	6.81	3.64	6.47	3.60	3.79	3.63	3.72	6.21	3.92
29	3.73	4.44	4.32	6.43	---	4.73	3.47	3.84	3.61	3.73	5.06	3.81
30	3.73	4.05	4.09	4.76	---	4.25	3.42	3.82	3.62	3.73	4.47	3.75
31	3.81	---	4.23	4.28	---	3.88	---	3.81	---	3.95	4.88	---
MEAN	3.81	4.39	4.48	5.35	4.86	4.26	4.22	3.71	3.76	4.09	4.48	4.04
MAX	4.02	8.81	11.96	10.53	9.84	11.07	6.71	5.53	4.28	6.47	6.21	5.35
MIN	3.73	3.71	3.61	3.78	3.64	3.53	3.42	3.41	3.61	3.64	3.69	3.75

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.71	3.91	4.88	3.80	3.94	3.91	3.98	11.58	4.90	3.99	10.74	3.73
2	3.67	3.92	4.30	3.84	3.96	3.84	4.03	6.88	4.23	3.96	9.68	3.65
3	3.64	3.91	3.97	3.82	3.96	3.73	4.19	4.95	3.94	4.50	7.89	3.62
4	3.64	3.89	3.89	3.87	4.03	5.30	3.97	6.83	3.81	5.23	8.33	3.63
5	3.63	3.90	3.86	4.06	4.12	5.55	3.91	5.49	3.73	3.99	6.11	3.72
6	3.62	3.90	4.68	3.89	3.96	4.61	3.90	4.60	3.68	3.82	5.03	4.18
7	3.62	3.91	6.40	5.65	3.94	4.29	3.89	4.25	3.78	3.69	4.47	3.95
8	3.61	3.93	4.92	11.73	4.05	4.10	4.12	7.04	3.98	3.63	4.56	3.70
9	3.62	3.99	4.31	9.98	3.98	3.98	4.17	5.97	4.00	4.80	4.11	4.89
10	3.63	3.99	3.97	9.68	3.94	3.91	4.11	4.84	4.22	6.18	4.78	6.39
11	3.62	5.41	4.15	8.36	3.94	3.85	4.31	4.35	5.88	7.98	5.10	5.18
12	3.61	4.47	4.09	6.07	4.07	3.85	3.99	4.11	5.87	8.26	4.61	6.24
13	3.61	3.93	3.95	5.39	3.99	4.42	3.92	3.96	4.78	6.07	5.00	7.35
14	3.60	3.83	3.85	4.72	3.98	4.77	8.40	4.04	4.20	4.52	4.31	5.00
15	3.67	3.78	4.93	4.39	4.15	4.50	8.52	4.52	4.42	4.03	3.93	4.16
16	4.03	3.77	4.62	4.21	4.65	6.08	5.34	4.18	4.54	3.80	4.51	3.96
17	3.80	3.83	4.24	4.17	5.16	5.33	4.49	3.98	4.18	3.72	4.62	3.96
18	3.75	3.89	3.99	4.00	4.62	7.66	4.16	3.88	3.90	3.95	4.15	3.79
19	3.69	3.90	3.87	3.97	4.26	5.74	3.96	3.81	3.76	5.74	3.87	3.74
20	3.67	5.01	4.06	4.04	4.05	4.69	3.91	3.83	5.31	5.14	3.91	3.69
21	3.67	4.92	4.15	3.95	3.95	4.31	3.89	3.90	5.03	4.44	5.18	3.63
22	3.67	4.24	3.98	3.89	3.96	4.09	3.91	3.95	4.05	5.35	7.05	3.60
23	3.68	3.93	3.90	3.85	4.89	3.96	3.88	3.96	3.79	11.02	5.06	3.60
24	3.69	3.90	3.91	3.93	4.86	3.92	3.87	3.95	4.10	7.59	4.37	3.55
25	3.70	3.94	5.61	4.14	4.30	3.86	3.86	4.00	4.29	4.95	4.91	3.52
26	3.70	3.97	5.66	4.03	4.03	3.86	3.86	4.38	3.90	4.26	5.97	3.49
27	3.71	4.02	4.63	3.97	3.93	3.84	3.87	3.94	3.74	4.43	4.81	3.48
28	3.73	4.05	4.25	3.97	3.92	3.86	3.90	3.84	4.12	3.98	4.23	3.48
29	3.84	4.08	4.01	3.96	---	3.88	4.39	3.96	5.20	3.95	4.01	3.47
30	4.05	5.67	3.92	3.93	---	4.10	8.36	6.65	4.35	4.32	3.97	3.46
31	3.96	---	3.83	3.92	---	4.02	---	6.46	---	6.20	3.87	---
MEAN	3.70	4.13	4.35	4.94	4.16	4.45	4.50	4.91	4.32	5.08	5.26	4.13
MAX	4.05	5.67	6.40	11.73	5.16	7.66	8.52	11.58	5.88	11.02	10.74	7.35
MIN	3.60	3.77	3.83	3.80	3.92	3.73	3.86	3.81	3.68	3.63	3.87	3.46

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.40	3.53	4.08	4.16	7.59	4.13	4.28	4.10	3.97	6.17	4.25	4.42
2	3.87	3.56	3.78	4.16	5.28	4.18	4.02	4.08	3.97	4.86	4.28	4.41
3	3.66	3.57	3.64	6.99	4.57	4.20	3.90	4.06	3.98	4.15	4.30	4.52
4	3.58	3.58	3.58	5.24	4.29	4.21	3.86	4.05	3.94	3.94	4.30	5.24
5	3.54	3.59	3.57	4.50	4.11	4.23	3.88	4.04	3.91	4.14	4.32	4.60
6	3.52	3.60	3.58	4.24	9.65	4.31	3.98	4.05	4.06	4.16	4.53	4.32
7	3.49	3.59	3.60	4.35	6.01	4.35	4.05	4.12	4.54	4.24	4.43	4.27
8	3.49	3.58	3.61	4.20	4.72	4.43	4.09	4.37	4.08	4.23	4.39	4.34
9	3.48	3.58	3.62	4.16	4.37	4.85	4.10	4.16	3.95	4.35	4.40	4.36
10	3.55	3.59	3.63	4.11	4.19	4.48	4.06	6.27	3.90	4.33	4.41	4.36
11	3.53	3.60	3.63	4.13	4.06	4.24	4.03	5.97	3.86	4.34	4.42	4.36
12	3.49	3.62	3.63	4.20	4.02	4.21	4.08	4.39	3.82	4.79	4.44	4.35
13	3.47	3.62	3.64	4.22	4.07	4.23	4.12	4.24	3.80	6.54	4.52	4.35
14	3.45	3.62	3.66	4.29	4.06	4.30	4.12	4.53	3.78	4.82	4.55	4.36
15	3.51	3.63	3.66	4.30	4.05	4.43	4.11	4.16	3.83	4.38	4.54	4.38
16	4.19	3.64	3.67	4.29	4.06	4.70	4.14	3.98	4.14	4.26	4.49	4.39
17	3.91	3.65	3.72	4.28	4.07	4.54	4.14	3.90	4.97	4.27	4.48	4.38
18	3.63	3.65	3.72	4.28	4.06	4.39	4.14	3.91	4.74	4.33	4.47	4.38
19	3.54	3.66	3.71	4.29	4.06	4.27	4.14	3.92	3.98	4.25	4.46	4.37
20	3.52	3.69	3.70	4.30	4.09	4.26	4.13	3.93	3.85	4.20	4.46	4.40
21	3.49	3.70	3.70	4.32	5.72	4.27	4.14	3.96	3.82	4.21	4.47	4.47
22	3.48	3.69	3.70	4.31	5.82	4.28	4.13	3.99	3.89	4.20	4.49	4.48
23	3.49	3.68	3.70	4.32	4.60	4.30	4.12	4.00	3.82	4.21	4.48	4.47
24	3.49	3.68	3.70	4.32	4.31	4.37	4.11	4.01	3.84	4.23	4.48	4.46
25	3.49	3.76	3.82	5.55	4.18	9.76	4.10	4.02	4.77	4.24	4.48	4.48
26	3.51	4.09	3.85	7.50	4.13	9.68	4.09	4.01	4.14	4.24	4.50	4.51
27	3.51	4.30	3.78	5.04	4.07	6.05	4.08	4.03	3.98	4.24	4.53	4.58
28	3.53	3.79	3.78	4.47	4.07	4.50	4.07	4.07	3.98	4.23	4.86	4.65
29	3.52	3.62	5.79	4.24	4.06	4.14	4.06	4.01	4.41	4.22	4.48	4.67
30	3.52	3.78	4.98	4.10	--	5.01	4.11	3.99	4.33	4.22	4.26	4.69
31	3.52	--	4.62	5.14	--	4.75	--	3.98	--	4.23	4.37	--
MEAN	3.59	3.67	3.83	4.58	4.70	4.78	4.08	4.20	4.07	4.43	4.45	4.47
MAX	4.40	4.30	5.79	7.50	9.65	9.76	4.28	6.27	4.97	6.54	4.86	5.24
MIN	3.45	3.53	3.57	4.10	4.02	4.13	3.86	3.90	3.78	3.94	4.25	4.27

07378000 COMITE RIVER NEAR COMITE, LA

LOCATION.--Lat 30°30'45", long 91°04'25", in NW¼ sec.24, T.6 S., R.1 E., St. Helena meridian, East Baton Rouge Parish, near left bank on downstream side of bridge on State Highway 946, 0.5 mi (0.8 km) downstream from Blackwater Bayou, and 2.6 mi (4.2 km) west of Comite.

DRAINAGE AREA.--284 mi² (735 km²). See REMARKS.

PERIOD OF RECORD.--March 1944 to current year.

REVISED RECORDS.--WSP 1920: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 25.85 ft (7.879 m) above mean sea level (Louisiana Geodetic Survey bench mark; levels by Louisiana Department of Public Works). Prior to Apr. 22, 1946, nonrecording gage at same site. Prior to Oct. 1, 1962, at datum 3.00 ft (0.914 m) higher.

REMARKS.--Records good. Since 1957, entire flow from 46 mi² (119 km²) diverted from basin. Records of dissolved oxygen and water temperatures for the water year 1976 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--32 years, 448 ft³/s (12.69 m³/s), 21.42 in/yr (544 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20,900 ft³/s (592 m³/s) Apr. 29, 1962; maximum gage height, 28.64 ft (8.729 m) May 19, 1953, present datum (prior to dredging August 1961); minimum daily, 29 ft³/s (0.82 m³/s) Oct. 29 to Nov. 3, 1963.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 5,000 ft³/s (142 m³/s) and maximum (*):

Date	Time	Discharge (ft ³ /s) (m ³ /s)	Gage height (ft) (m)
Feb. 6	0745	5,750 163	12.00 3.658
Mar. 26	0045	*9,660 274	*15.52 4.730

Minimum discharge, 47 ft³/s (1.33 m³/s) Sept. 25, 26, gage height, 1.21 ft (0.369 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	519	89	274	405	2340	160	1120	87	79	380	87	90
2	2140	88	308	306	1230	154	405	89	76	655	87	119
3	1110	86	173	2440	414	151	274	87	73	400	89	82
4	304	87	128	1830	243	147	225	84	70	194	114	130
5	179	86	112	578	193	144	194	82	82	169	89	84
6	147	89	103	310	3540	142	176	81	86	214	92	70
7	131	88	98	264	683	154	160	92	135	144	84	63
8	122	87	97	230	281	165	150	156	130	142	86	62
9	115	87	97	202	199	330	140	169	119	350	79	62
10	113	86	94	170	162	324	130	1030	84	280	74	60
11	107	91	91	156	149	232	125	539	74	393	73	59
12	102	83	89	155	139	180	120	506	71	290	71	57
13	99	81	87	150	131	160	115	234	68	533	74	57
14	98	80	85	150	125	167	110	276	66	238	81	57
15	97	79	84	145	121	226	105	198	68	158	71	57
16	164	79	85	133	118	680	103	147	76	116	73	56
17	1750	79	87	125	115	1680	102	121	87	113	68	53
18	1540	79	90	119	113	906	98	103	176	232	66	52
19	397	79	99	117	110	320	97	94	105	310	65	52
20	217	80	92	111	108	246	97	89	81	149	60	71
21	159	80	87	109	324	214	97	84	78	114	59	94
22	136	81	87	107	1670	196	95	82	74	102	60	56
23	124	80	85	106	739	181	92	79	68	322	73	52
24	114	78	85	104	300	172	92	81	65	183	65	52
25	109	78	92	205	232	5410	94	81	116	151	65	50
26	107	102	110	1040	203	8020	97	89	90	345	63	49
27	103	214	186	869	187	3290	94	82	97	335	74	50
28	99	399	127	375	174	827	86	81	79	160	178	54
29	97	157	872	193	167	392	86	103	219	116	160	60
30	94	124	1490	153	---	988	89	98	201	98	89	63
31	92	---	935	312	---	1980	---	81	---	90	84	---
TOTAL	10685	3076	6529	11669	14510	28338	4968	5205	2893	7476	2553	1973
MEAN	345	103	211	376	500	914	166	168	96.4	241	82.4	65.8
MAX	2140	399	1490	2440	3540	8020	1120	1030	219	655	178	130
MIN	92	78	84	104	108	142	86	79	65	90	59	49
CFSM	1.21	.36	.74	1.32	1.76	3.22	.58	.59	.34	.85	.29	.23
IN.	1.40	.40	.86	1.53	1.90	3.71	.65	.68	.38	.98	.33	.26
CAL YR 1975	TOTAL	242200	MEAN 664	MAX 9410	MIN 63	CFSM 2.34	IN 31.72					
WTR YR 1976	TOTAL	99875	MEAN 273	MAX 8020	MIN 49	CFSM .96	IN 13.08					

MISSISSIPPI RIVER DELTA

07378000 COMITE RIVER NEAR COMITE, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.31	1.94	2.84	3.29	7.52	1.91	5.02	1.47	1.39	2.96	1.47	1.49
2	7.15	1.93	2.99	2.94	5.27	1.88	3.08	1.48	1.37	3.85	1.47	1.66
3	5.01	1.92	2.46	7.51	3.21	1.86	2.52	1.47	1.38	2.99	1.48	1.44
4	2.96	1.92	2.21	6.48	2.62	1.84	2.26	1.45	1.36	2.10	1.64	1.73
5	2.49	1.92	2.10	3.65	2.37	1.82	2.10	1.44	1.44	1.96	1.48	1.45
6	2.32	1.94	2.04	2.87	9.06	1.81	2.00	1.43	1.45	2.20	1.50	1.36
7	2.23	1.93	2.00	2.76	3.91	1.88	---	1.50	1.76	1.81	1.45	1.32
8	2.17	1.92	1.98	2.63	2.71	1.94	---	1.89	1.73	1.81	1.46	1.31
9	2.12	1.92	1.99	2.45	2.36	2.77	---	1.96	1.67	2.85	1.42	1.31
10	2.10	1.92	1.97	2.31	2.18	2.75	---	4.39	1.45	2.53	1.39	1.30
11	2.06	1.95	1.95	2.23	2.11	2.30	---	3.47	1.39	2.99	1.38	1.29
12	2.03	1.89	1.94	2.23	2.05	2.02	---	3.44	1.37	2.58	1.37	1.28
13	2.01	1.87	1.92	2.20	2.00	1.91	---	2.32	1.35	3.45	1.39	1.28
14	2.00	1.87	1.91	2.21	1.96	1.95	---	2.53	1.34	2.34	1.43	1.28
15	1.99	1.86	1.90	2.17	1.93	2.28	1.57	2.12	1.35	1.90	1.37	1.28
16	2.36	1.86	1.90	2.10	1.91	3.89	1.57	1.84	1.40	1.65	1.38	1.27
17	6.31	1.86	1.92	2.04	1.89	6.26	1.56	1.68	1.47	1.63	1.35	1.25
18	5.93	1.86	1.94	2.01	1.88	4.50	1.54	1.57	2.00	2.26	1.33	1.24
19	3.26	1.85	2.01	1.99	1.86	2.91	1.53	1.51	1.57	2.66	1.33	1.24
20	2.65	1.87	1.96	1.95	1.84	2.38	1.53	1.48	1.43	1.85	1.30	1.35
21	2.39	1.87	1.92	1.94	2.65	2.21	1.53	1.45	1.41	1.64	1.29	1.51
22	2.26	1.87	1.92	1.93	6.21	2.11	1.52	1.44	1.39	1.56	1.30	1.27
23	2.18	1.87	1.91	1.92	4.07	2.03	1.50	1.42	1.35	2.69	1.37	1.24
24	2.12	1.85	1.90	1.90	2.64	1.98	1.50	1.41	1.33	2.04	1.33	1.24
25	2.08	1.85	1.95	2.28	2.31	10.53	1.51	1.41	1.64	1.86	1.33	1.23
26	2.06	2.02	2.08	4.82	2.15	14.08	1.53	1.48	1.49	2.65	1.32	1.22
27	2.03	2.61	2.52	4.45	2.06	8.94	1.51	1.44	1.53	2.75	1.39	1.23
28	2.01	3.26	2.20	3.06	1.99	4.32	1.46	1.41	1.42	1.91	1.91	1.26
29	1.99	2.37	4.43	2.41	1.95	3.05	1.46	1.57	2.17	1.65	1.90	1.30
30	1.97	2.18	5.86	2.22	---	4.59	1.48	1.54	2.12	1.54	1.48	1.32
31	1.96	---	4.62	2.68	---	6.85	---	1.41	---	1.49	1.45	---
MEAN	2.76	1.99	2.36	2.83	2.99	3.60	---	1.82	1.52	2.26	1.43	1.33
MAX	7.15	3.26	5.86	7.51	9.06	14.08	---	4.39	2.17	3.85	1.91	1.73
MIN	1.96	1.85	1.90	1.90	1.84	1.81	---	1.41	1.33	1.49	1.29	1.22

07378500 AMITE RIVER NEAR DENHAM SPRINGS, LA

LOCATION.--Lat 30°27'50", long 90°59'25", in lot 2, T.7 S., R.2 E., St. Helena meridian, Livingston Parish, on right bank at downstream side of bridge on U.S. Highway 190, 1,000 ft (300 m) downstream from Comite River, 2.3 mi (3.7 km) southwest of town of Denham Springs, and 15 mi (24 km) east of Baton Rouge.

DRAINAGE AREA.--1,280 mi² (3,315 km²).

PERIOD OF RECORD.--September 1938 to current year.

REVISED RECORDS.--WSP 1920: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 3.87 ft (1.180 m) above mean sea level. Prior to Aug. 8, 1939, nonrecording gage at same site and datum. Auxiliary water-stage recorder 3.0 mi (4.8 km) downstream from base gage at datum 3.12 ft (0.951 m) above mean sea level (Corps of Engineers bench mark). Oct. 1, 1945, to Dec. 23, 1952, nonrecording gage at same site and datum.

REMARKS.--Records good. Since 1957, entire flow from 46 mi² (119 km²) diverted from basin. Records of dissolved oxygen and water temperatures for the water year 1976 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--38 years, 1,900 ft³/s (53.81 m³/s), 20.16 in/yr (512 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 67,000 ft³/s (1,900 m³/s) May 20, 1953; maximum gage height, 32.63 ft (9.946 m) Mar. 27, 1973; minimum daily discharge, 271 ft³/s (7.67 m³/s) Oct. 17, 18, 1956.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 10,000 ft³/s (280 m³/s) and maximum: Mar. 27 (0415) 16,100 ft³/s (456 m³/s), gage height, 22.98 ft (7.004 m); minimum discharge, 371 ft³/s (10.5 m³/s) Sept. 26, gage height, 6.47 ft (1.972 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1090	778	1110	2590	4420	946	7080	583	794	1180	541	702
2	3480	770	1410	1990	5880	906	7420	590	700	1610	566	723
3	5340	758	1420	4420	4620	682	6650	604	640	1860	538	618
4	3930	746	1220	6200	2740	858	3510	576	600	1040	576	650
5	2120	758	1000	4790	1880	838	2130	569	580	906	527	569
6	1560	794	898	2980	7190	822	1760	566	680	1070	548	517
7	1330	796	846	2210	4850	822	1530	566	750	1000	517	517
8	1210	778	802	1640	2520	870	1360	723	660	998	510	534
9	1110	818	778	1600	2300	1270	1230	695	600	1240	489	482
10	1050	818	758	1450	1780	1540	1130	2350	560	1270	464	471
11	990	790	762	1300	1480	1570	1050	2560	540	1320	450	440
12	960	738	730	1200	1320	1370	978	1860	520	1290	440	426
13	920	709	716	1150	1220	1100	914	1320	510	1590	443	422
14	890	685	709	1110	1150	1030	878	1740	600	1120	482	415
15	870	671	699	1060	1090	1340	850	1740	600	926	457	419
16	1000	667	681	1010	1050	2940	818	1430	520	862	506	415
17	2110	664	688	978	1010	5440	794	1120	660	766	499	408
18	4000	657	702	942	982	6560	762	910	800	826	478	401
19	2890	657	770	906	946	5020	734	804	680	1100	457	394
20	2090	671	766	866	922	2540	706	748	600	942	443	408
21	1500	657	734	842	1010	1800	702	710	560	738	457	569
22	1220	660	716	830	2430	1530	681	660	530	622	450	412
23	1080	660	692	820	3100	1640	664	640	510	802	492	387
24	1030	646	665	810	2400	1760	643	610	500	862	471	384
25	960	632	723	800	1670	4610	674	590	490	838	464	380
26	920	713	742	2000	1300	12000	639	590	480	726	457	377
27	880	898	1020	3500	1140	15000	636	640	540	1190	548	394
28	658	1520	1050	4320	1050	9610	611	900	650	878	798	415
29	646	1390	2220	2970	986	5060	594	1000	1100	706	1090	436
30	822	1090	3010	1770	---	3110	615	1320	1190	622	667	419
31	794	---	3110	1590	---	5270	---	982	---	562	713	---
TOTAL	49850	23591	32167	60844	64436	100054	48743	30696	19144	31462	16538	14104
MEAN	1608	766	1038	1963	2222	3228	1625	990	638	1015	533	470
MAX	5340	1520	3110	6200	7190	15000	7420	2560	1190	1860	1090	723
MIN	794	632	681	800	922	822	594	566	480	562	440	377
CFSM	1.26	.61	.81	1.53	1.74	2.52	1.27	.77	.50	.79	.42	.37
IN.	1.45	.69	.93	1.77	1.87	2.91	1.42	.89	.56	.91	.48	.41
CAL YR 1975 TOTAL	1136473			3114		26900	632	2.43		33.03		
WTR YR 1976 TOTAL	491029			1343		15000	377	1.05		14.29		

MISSISSIPPI RIVER DELTA

07378500 AMITE RIVER NEAR DENHAM SPRINGS, LA.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.51	7.62	8.44	11.70	15.04	8.04	18.50	7.54	7.81	8.60	6.96	7.42
2	13.47	7.60	9.11	10.39	17.15	7.94	18.82	7.56	---	9.58	7.03	7.48
3	16.47	7.57	9.13	15.05	15.37	7.88	18.00	7.60	---	10.12	6.95	7.18
4	14.29	7.54	8.69	17.55	11.98	7.82	13.52	7.52	---	8.26	7.06	7.27
5	10.68	7.57	8.18	15.62	10.16	7.77	10.84	7.50	---	7.94	6.92	7.05
6	9.44	7.66	7.92	12.47	18.10	7.73	10.10	7.49	---	8.34	6.98	6.89
7	8.94	7.67	7.79	10.88	16.27	7.73	9.64	7.49	---	8.18	6.89	6.89
8	8.66	7.62	7.68	10.06	11.54	7.84	9.31	7.94	---	8.17	6.87	6.95
9	8.45	7.72	7.62	---	11.09	8.79	9.03	7.86	---	8.72	6.81	6.80
10	8.29	7.72	7.57	---	9.94	9.41	8.83	11.30	---	8.80	6.74	6.76
11	---	7.65	7.58	---	9.27	9.47	8.65	11.65	---	8.92	6.70	6.67
12	---	7.52	7.50	---	8.91	9.03	8.50	10.34	---	8.83	6.67	6.63
13	---	7.44	7.46	---	8.68	8.42	8.37	9.29	---	9.50	6.67	6.62
14	---	7.37	7.44	8.45	8.53	8.26	8.29	10.10	---	8.47	6.79	6.60
15	---	7.33	7.41	8.32	8.39	8.95	8.22	10.11	---	7.99	6.72	6.61
16	---	7.32	7.36	8.21	8.29	12.14	8.15	9.49	---	7.84	6.86	6.60
17	10.62	7.31	7.38	8.12	8.19	16.52	8.10	8.87	---	7.59	6.84	6.58
18	14.44	7.29	7.42	8.03	8.13	17.96	8.02	8.31	---	7.73	6.78	6.56
19	12.29	7.29	7.60	7.94	8.04	15.91	7.96	7.96	---	8.42	6.72	6.54
20	10.63	7.33	7.59	7.84	7.98	11.57	7.89	7.76	---	8.03	6.68	6.58
21	9.31	7.29	7.51	7.78	8.18	9.98	7.88	---	---	7.51	6.72	7.03
22	8.69	7.30	7.46	---	11.30	9.38	7.82	---	---	7.18	6.70	6.59
23	8.38	7.30	7.39	---	12.71	9.63	7.77	---	---	7.66	6.82	6.52
24	8.24	7.25	7.37	---	11.28	9.88	7.71	---	---	7.82	6.76	6.51
25	---	7.22	7.48	---	9.69	14.94	7.80	---	---	7.75	6.74	6.50
26	---	7.45	7.53	---	8.86	20.87	7.69	---	---	7.49	6.72	6.49
27	---	7.92	8.23	---	8.50	22.68	7.69	---	---	8.62	6.98	6.54
28	7.82	9.36	8.31	14.97	8.29	20.26	7.62	---	---	7.87	7.60	6.59
29	7.79	9.07	10.92	12.45	8.14	16.08	7.57	---	8.43	7.44	8.37	6.66
30	7.73	8.39	12.54	9.90	---	12.73	7.63	9.08	8.64	7.18	7.31	6.61
31	7.66	---	12.73	9.51	---	16.23	---	8.30	---	7.02	7.44	---
MEAN	---	7.62	8.20	---	10.62	11.67	9.53	---	---	8.18	6.93	6.76
MAX	---	9.36	12.73	---	18.10	22.68	18.82	---	---	10.12	8.37	7.48
MIN	---	7.22	7.36	---	7.98	7.73	7.57	---	---	7.02	6.67	6.49

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°26'30", long 90°58'20", in lot 41, T.7 S., R.2 E., East Baton Rouge-Livingston Parish line, 3.0 mi (4.8 km) southwest of Denham Springs, 3.2 mi (5.1 km) downstream from confluence with Comite River.

DRAINAGE AREA.--1,294 mi² (3,351 km²) arbitrarily determined.

PERIOD OF RECORD.--Water years 1973-76.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: March 1973 to current year.

WATER TEMPERATURES: March 1973 to current year.

INSTRUMENTATION.--Water quality monitor since March 1973.

REMARKS.--Lower limit of specific conductance sensor is 28 micromhos. Probes are 3.0 ft (0.9 m) above bottom of river. Flow data are available for Amite River near Denham Springs (station 07378500), 3.0 mi (4.8 km) upstream.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 156 micromhos Mar. 10, 1974; minimum, 28 micromhos or lower several days during spring of each year.

WATER TEMPERATURES: Maximum, 33.0°C July 31, Aug. 1, 1976; minimum, 7.5°C Dec. 27, 1975, Jan. 9, 1976.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 125 micromhos Feb. 22; minimum, 28 micromhos or lower several days during spring of each year.

WATER TEMPERATURES: Maximum, 33.0°C July 31, Aug. 1; minimum, 7.5°C Dec. 27, Jan. 9.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- CHARGE (CFS)	DIS- SOLVED SILICA (SIOP) (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)
OCT. 16...	1330	1060	12	4.1	1.9	--	2.3	22	0	5.7	--	.1
NOV. 26...	1130	729	--	--	--	--	--	16	0	--	--	--
DEC. 05...	0845	1000	--	--	--	--	--	13	0	--	--	--
FEB. 03...	0900	4480	6.9	1.9	.9	4.4	2.6	10	0	4.0	6.7	.2
FEB. 26...	1325	1300	--	--	--	--	--	16	0	--	--	--
MAR. 24...	0835	1760	--	--	--	--	--	14	0	--	--	--
APR. 15...	1700	838	13	2.7	.6	5.5	1.3	17	0	1.6	5.4	.1
MAY 12...	1205	1860	--	--	--	--	--	11	0	--	--	--
JULY 12...	1003	1240	8.2	3.2	.4	3.6	2.0	14	0	3.2	4.5	.1
AUG. 25...	1000	456	--	--	--	--	--	16	0	--	--	--
SEP. 03...	1000	625	--	--	--	--	--	14	0	--	--	--

MISSISSIPPI RIVER DELTA

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA --Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL KJEL- DAHL- NITRO- GEN (N) (MG/L)	TOTAL NITRO- GEN (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)
OCT.												
16...	.10	.00	.10	.42	.52	.13	86	--	18	0	70	6.9
NOV.												
26...	.11	.00	.11	.24	.35	.06	--	--	--	--	53	7.1
DEC.												
05...	.22	.01	.23	.37	.60	.08	--	--	--	--	52	6.8
FEB.												
03...	.35	.02	.37	1.2	1.6	.13	49	33	8	0	43	6.4
26...	.28	.01	.29	.24	.53	.09	--	--	--	--	49	6.9
MAR.												
24...	.32	.01	.33	.39	.72	.08	--	--	--	--	45	6.9
APR.												
15...	.13	.01	.14	.32	.46	.05	35	39	9	0	54	7.0
MAY												
12...	.33	.01	.34	.76	1.1	.15	--	--	--	--	54	6.3
JULY												
12...	--	--	.24	.74	.98	.12	39	32	10	0	39	6.8
AUG.												
25...	--	--	.04	.48	.52	.09	--	--	--	--	63	7.1
SEP.												
03...	--	--	.21	.42	.63	.10	--	--	--	--	53	6.6

DATE	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- IDITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL PHYTO- PLANK- TON (CELLS PER ML)	FECAL COLI- FORM (COL. PER 100 ML)	STREP- TOCOCCI (COL- ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	SUS- PENDE SEDI- MENT (MG/L)	SUS- PENDE SEDI- MENT DIS- CHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .052 MM
OCT.												
16...	23.0	30	25	--	1.2	810	2500	7900	3.6	--	--	--
NOV.												
26...	11.0	20	10	--	1.2	470	160	270	--	42	83	90
DEC.												
05...	13.0	30	20	--	2.8	480	--	120	--	52	140	92
FEB.												
03...	13.5	80	60	--	4.7	1300	5200	5100	12	262	3170	66
26...	16.0	50	40	--	2.5	1700	290	120	--	--	--	--
MAR.												
24...	17.0	45	45	--	2.0	410	30	200	--	136	646	91
APR.												
15...	24.0	20	30	--	2.0	750	20	130	.6	68	154	81
MAY												
12...	24.5	30	45	--	2.5	4700	1000	1700	--	168	840	90
JULY												
12...	26.0	50	--	--	4.3	3600	--	--	10	128	430	99
AUG.												
25...	--	15	25	7.8	.0	17000	110	--	--	58	71	95
SEP.												
03...	28.0	70	40	5.7	2.5	1300	800	1900	--	16	27	43

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA --Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL ARSENIC (AS) (UG/L)	SUS- PENDED ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	TOTAL COBALT (CO) (UG/L)	DIS- SOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL IRON (FE) (UG/L)
OCT. 16...	1	0	1	0	0	<10	0	0	0	2	--	1600
FEB. 03...	2	1	1	1	0	<10	0	2	0	--	26	3800
APR. 15...	1	1	0	2	2	10	0	0	0	4	4	1900
JULY 12...	2	1	1	2	0	10	0	3	0	--	5	5000

DATE	DIS- SOLVED IRON (FE) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MAN- GANESE (MN) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDED MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL SELE- NIUM (SE) (UG/L)	DIS- SOLVED SELE- NIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT. 16...	100	3	0	270	120	.0	.0	.0	0	0	10	9
FEB. 03...	110	11	0	190	300	.1	.1	.0	0	0	40	30
APR. 15...	50	0	0	210	180	.2	.1	.1	0	0	20	0
JULY 12...	90	12	0	390	10	.0	.0	.0	0	0	30	10

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA --Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	96	50	55	53	67	57	50	46	---	---	61	59
2	71	36	54	53	65	60	49	46	---	---	63	60
3	35	---	54	53	59	49	71	49	---	---	62	60
4	35	29	55	54	53	48	48	40	---	---	63	60
5	38	34	57	54	55	50	40	37	---	---	61	59
6	43	38	56	54	56	52	40	37	---	---	60	58
7	47	44	59	54	59	54	59	40	---	---	60	56
8	50	47	57	52	59	51	53	46	---	---	57	55
9	50	49	54	51	55	50	47	46	---	---	95	57
10	51	50	57	52	51	50	---	---	---	---	73	52
11	64	51	53	52	51	50	---	---	---	---	51	47
12	53	52	54	52	51	50	---	---	---	---	47	45
13	54	53	53	52	52	51	---	---	---	---	49	45
14	54	52	53	51	53	52	---	---	---	---	53	48
15	55	54	53	52	53	52	---	---	---	---	62	50
16	88	54	54	52	53	52	---	---	---	---	49	42
17	92	47	54	53	52	51	---	---	---	---	41	33
18	47	37	54	53	52	49	---	---	52	51	33	31
19	41	39	53	52	49	47	---	---	53	50	35	31
20	41	39	53	52	50	48	---	---	51	50	38	35
21	44	41	53	52	50	49	---	---	117	51	45	38
22	47	44	52	50	51	50	---	---	125	62	60	45
23	50	47	50	49	52	51	---	---	63	58	64	53
24	52	49	50	49	52	51	---	---	58	55	52	46
25	52	51	51	50	65	52	---	---	60	55	72	40
26	53	51	103	50	70	55	---	---	61	58	35	29
27	53	51	116	71	55	48	---	---	60	58	29	28
28	54	52	71	50	50	48	---	---	60	59	28	28
29	54	52	53	49	110	49	---	---	61	59	31	28
30	54	53	55	52	72	54	---	---	---	---	28	28
31	54	52	---	---	54	50	---	---	---	---	---	---

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	61	56	---	---	---	---	51	51	81	56
2	---	---	55	53	---	---	---	---	53	49	66	49
3	---	---	53	51	54	53	---	---	52	49	52	48
4	---	---	55	53	51	47	---	---	51	50	55	49
5	---	---	55	53	50	45	---	---	50	49	57	54
6	---	---	55	54	50	44	---	---	69	51	56	53
7	---	---	56	52	65	44	---	---	66	55	54	49
8	---	---	99	58	63	59	---	---	54	52	57	50
9	46	43	72	57	61	53	---	---	53	52	53	51
10	46	44	57	42	72	56	---	---	53	51	59	51
11	48	45	53	46	75	66	---	---	53	51	57	47
12	51	48	47	39	77	69	---	---	53	51	50	49
13	52	47	58	---	75	61	---	---	53	51	50	47
14	50	46	60	47	50	49	---	---	58	50	50	48
15	52	50	48	46	51	49	---	---	61	53	50	48
16	54	50	52	48	64	51	52	44	54	49	50	48
17	57	54	---	---	59	52	53	41	54	52	51	49
18	55	51	---	---	72	63	54	42	53	50	51	50
19	52	51	---	---	69	58	44	38	51	50	51	49
20	53	52	50	48	57	52	41	30	51	50	61	48
21	55	51	49	47	53	51	41	30	51	49	104	57
22	55	53	50	47	52	50	58	29	50	49	77	64
23	55	53	50	48	52	51	73	29	59	49	63	56
24	55	52	51	48	56	52	28	---	51	50	57	55
25	75	53	54	49	54	53	28	---	50	49	55	53
26	73	56	51	50	---	---	28	---	54	50	56	51
27	60	56	---	---	---	---	28	---	95	56	56	51
28	58	55	---	---	---	---	28	---	111	55	57	50
29	55	54	---	---	---	---	33	---	71	57	60	56
30	69	56	---	---	---	---	52	46	60	55	55	49
31	---	---	---	---	---	---	51	50	97	55	---	---

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA --Continued

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	24.5	22.0	21.5	19.5	15.5	14.5	11.5	10.5	---	---	20.0	18.0
2	24.0	20.5	22.0	20.5	12.5	10.5	14.0	12.0	---	---	21.0	19.5
3	20.5	19.5	22.0	20.5	12.0	10.5	15.5	12.0	---	---	22.0	20.5
4	20.0	19.0	22.0	21.5	12.5	10.5	11.5	10.0	---	---	23.0	21.0
5	21.0	20.0	23.0	21.5	14.0	14.0	10.0	8.5	---	---	24.0	21.5
6	21.5	20.5	22.5	22.0	16.5	14.0	9.5	8.0	---	---	23.5	20.5
7	21.5	20.5	22.0	21.0	16.5	15.5	12.0	9.5	---	---	20.5	18.0
8	22.5	21.0	22.5	21.0	15.5	13.5	11.5	8.5	---	---	18.5	17.5
9	23.5	21.5	23.5	21.5	13.5	12.5	8.5	7.5	---	---	18.5	17.0
10	24.0	22.0	23.0	22.5	13.0	11.5	---	---	---	---	18.0	16.0
11	24.5	22.5	22.5	21.5	13.0	11.0	---	---	---	---	18.5	16.5
12	24.5	22.5	22.0	20.0	14.0	11.5	---	---	---	---	20.5	18.5
13	24.5	22.5	19.5	16.5	15.5	13.0	---	---	---	---	20.5	19.0
14	23.5	22.0	14.0	11.0	17.0	15.0	---	---	---	---	19.0	16.0
15	24.0	23.0	14.5	13.0	18.5	16.5	---	---	---	---	18.5	15.5
16	24.0	23.0	14.5	13.0	18.0	16.5	---	---	---	---	19.0	16.5
17	23.0	21.5	16.0	14.0	16.0	13.5	---	---	---	---	16.5	14.5
18	22.0	20.5	16.0	14.5	13.0	9.5	---	---	20.5	19.0	16.5	16.0
19	20.5	19.0	18.0	16.0	9.0	8.0	---	---	20.0	17.5	18.0	16.5
20	19.5	19.0	18.0	16.5	9.5	8.0	---	---	19.5	18.0	19.0	18.0
21	20.0	18.5	16.0	13.5	9.5	8.5	---	---	20.0	18.5	20.5	19.0
22	20.0	18.5	13.0	11.5	9.0	8.0	---	---	18.5	16.0	19.5	18.5
23	20.5	18.5	11.5	10.5	9.0	8.0	---	---	16.0	14.0	19.0	17.5
24	22.5	19.5	11.0	10.0	9.0	8.0	---	---	15.0	14.0	18.5	17.0
25	23.0	21.5	11.0	9.5	9.0	8.5	---	---	16.0	14.5	19.0	16.5
26	22.5	20.0	11.0	10.5	8.5	8.5	---	---	18.0	16.0	19.0	16.0
27	20.5	19.0	10.5	9.5	8.5	7.5	---	---	19.0	16.5	19.5	17.5
28	22.0	20.5	11.0	9.5	10.5	8.0	---	---	19.5	17.0	19.5	18.5
29	22.5	21.0	15.0	11.0	12.5	10.5	---	---	19.5	17.0	21.0	18.5
30	22.5	21.0	17.0	15.0	12.5	11.5	---	---	---	---	---	---
31	21.0	19.0	---	---	11.5	11.0	---	---	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	24.0	22.5	---	---	---	---	33.0	30.0	30.5	27.0
2	---	---	24.5	21.5	---	---	---	---	32.0	29.0	30.5	27.5
3	---	---	25.0	22.0	26.5	25.0	---	---	30.5	27.0	30.5	28.0
4	---	---	25.0	22.5	27.0	25.0	---	---	30.5	27.5	29.5	27.5
5	---	---	25.5	23.0	27.0	25.0	---	---	30.5	28.5	28.5	26.5
6	---	---	26.0	24.0	28.0	25.0	---	---	32.0	28.5	29.5	26.5
7	---	---	26.0	25.0	29.0	26.5	---	---	32.5	29.0	30.0	27.0
8	---	---	24.5	23.5	28.5	26.5	---	---	32.0	28.5	30.0	27.0
9	22.0	21.0	25.0	23.0	28.5	25.0	---	---	30.5	27.0	30.5	27.5
10	22.0	20.0	25.0	21.5	27.5	25.5	---	---	30.0	26.5	29.0	27.0
11	22.5	20.0	24.0	21.5	28.0	26.0	---	---	31.0	27.0	27.0	25.0
12	24.5	21.0	---	---	28.5	26.0	---	---	30.5	27.5	26.5	23.5
13	23.5	22.5	---	---	29.0	26.5	---	---	30.0	27.5	28.0	25.5
14	24.0	21.5	---	---	28.5	28.0	---	---	30.5	27.5	28.5	26.0
15	25.0	22.5	---	---	30.0	27.5	---	---	31.5	28.0	27.5	25.5
16	24.5	23.0	---	---	28.0	27.0	33.0	30.5	31.5	28.0	28.0	25.5
17	25.0	23.0	---	---	29.0	27.0	31.5	27.5	31.0	28.5	27.0	25.0
18	25.0	23.5	---	---	29.0	27.0	30.0	26.5	31.5	28.5	27.5	25.0
19	26.0	23.5	---	---	29.5	28.0	30.5	27.0	30.5	27.5	28.0	25.5
20	25.0	24.0	26.0	25.5	30.5	27.0	30.5	27.5	29.5	26.5	27.5	26.0
21	26.0	23.5	26.5	24.0	30.0	27.0	31.0	27.0	29.5	26.5	26.5	25.0
22	26.0	23.5	25.5	24.5	29.0	27.0	32.5	28.5	30.0	27.0	27.0	24.5
23	26.0	24.0	26.5	23.5	29.5	27.5	32.5	29.0	29.5	27.0	26.5	24.0
24	25.5	25.0	27.5	25.0	31.0	28.5	31.0	28.0	29.5	27.0	28.0	26.0
25	26.5	24.0	27.5	25.0	30.5	29.5	31.5	27.0	30.5	27.5	28.5	26.5
26	26.0	24.0	26.5	25.5	---	---	32.0	29.0	29.5	27.5	29.0	26.5
27	25.0	22.5	---	---	---	---	31.0	27.5	29.0	26.5	28.0	27.0
28	25.0	22.5	---	---	---	---	32.5	29.0	29.0	26.0	27.5	26.5
29	24.5	23.5	---	---	---	---	32.5	29.5	27.5	25.5	26.5	25.0
30	24.0	23.0	---	---	---	---	32.5	29.0	30.0	27.0	26.0	24.0
31	---	---	---	---	---	---	33.0	29.5	30.5	27.5	---	---

MISSISSIPPI RIVER DELTA

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA --Continued

OCT. 16, 1975
1330 HOURS

IDENTIFICATION OF PHYTOPLANKTON

820 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
..OCCYSTACEAE			
....ANKISTRODESMUS		50	6
LCLOSTERIOPSIS			0
....KIRCHNERIELLA		25	3
LSELENASTRUM			0
....TETRAEDRUM		12	2
..SCENEDESMACEAE			
....SCENEDESMUS		25	3
..VOLVOCALES			
..CHLAMYDOMONADACEAE			
....CHLAMYDOMONAS		12	2
..ZYGNEMATALES			
..DESMIDIACEAE	PLACODERM DESMIDS		
....COSMARIUM		25	3
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
..COSCINODISCACEAE			
DCYCLOTELLA		120	15
....MELOSIRA		25	3
..PENNALES	PENNATE		
..CYMBELLACEAE			
....CYMBELLA		12	2
..GOMPHONEMATACEAE			
....GOMPHONEMA		12	2
..NAVICULACEAE	NAVICULOID		
DNAVICULA		170	21
....PINNULARIA		12	2
..NITZSCHIACEAE			
DNITZSCHIA		310	38

NOV. 26, 1975
1130 HOURS

IDENTIFICATION OF PHYTOPLANKTON

470 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
..OCCYSTACEAE			
....ANKISTRODESMUS		10	2
..SCENEDESMACEAE			
....SCENEDESMUS		20	4
..ZYGNEMATALES			
..DESMIDIACEAE	PLACODERM DESMIDS		
....CLOSTERIUM		10	2
....COSMARIUM		20	4
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
..COSCINODISCACEAE			
....CYCLOTELLA		20	4
..PENNALES	PENNATE		
..ACHNANTHACEAE			
....ACHNANTHES		20	4
..CYMBELLACEAE			
LCYMBELLA			0
..EUNOTIACEAE			
....EUNOTIA		20	4
..GOMPHONEMATACEAE			
....GOMPHONEMA		10	2
..NAVICULACEAE	NAVICULOID		
DNAVICULA		89	19
....PINNULARIA		10	2
..NITZSCHIACEAE			
DNITZSCHIA		250	52
..SURIPELLACEAE			
LSURIPELLA			0

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA --Continued

DEC. 5, 1975
0845 HOURS

IDENTIFICATION OF PHYTOPLANKTON

480 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
...CHLOROCOCCALES			
...OCCYSTACEAE			
...ANKISTRODESMUS		34	7
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
...CENTRALES	CENTRIC		
...COSCONODISCACEAF			
...MELOSIRA		34	7
...PENNALES	PENNATE		
...ACHNANTHACEAE			
...ACHNANTHES		34	7
...FRAGILARIACEAE			
L ...SYNEDRA			0
...NAVICULACEAE	NAVICULOID		
D ...NAVICULA		240	50
L ...PINNULARIA			0
...NITZSCHACEAE			
D ...NITZSCHIA		140	29

FER. 3, 1976
0900 HOURS

IDENTIFICATION OF PHYTOPLANKTON

1,300 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
...CENTRALES	CENTRIC		
...COSCONODISCACEAF			
L ...CYCLOTELLA			0
...PENNALES	PENNATE		
...CYMBELLACEAE			
...CYMBELLA		29	2
...FUNOTACEAE			
...FUNOTIA		29	2
...GOMPHONEMACEAE			
...GOMPHONEMA		58	4
...NAVICULACEAE	NAVICULOID		
...NAVICULA		140	11
...PINNULARIA		29	2
...NITZSCHACEAE			
...NITZSCHIA		58	4
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
...OSCILLATORIALES	FILAMENTOUS		
...NOSTOCACEAE			
D ...ANABAENA		290	22
D ...APHANIZOMENON		660	51

MISSISSIPPI RIVER DELTA

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA --Continued

FEB. 26, 1976
1325 HOURS

IDENTIFICATION OF PHYTOPLANKTON

1,700 CELLS/ML

ORGANISM__NAME_____	COMMON__NAME_____	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
...CHLOROCOCCALES			
...OCCYSTACEAE			
....ANKISTRODESMUS		35	2
....DICTYOSPHAERIUM		140	8
....KIRCHNERIELLA		35	2
...SCENEDESMACEAE			
DSCENEDESMUS		420	25
..ZYGEMATALES			
...DESMIDIACEAE	PLACODERM DESMIDS		
LCOSMARIUM			0
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAF			
...CYCLOTELLA		100	6
DMELOSIRA		380	23
..PENNALES	PENNATE		
...ACHNANTHACEAE			
...ACHNANTHES		70	4
...CYMBELLACEAE			
...CYMBELLA		35	2
...DIATOMACEAE			
LDIATOMA			0
...EUNOTIACEAE			
...EUNOTIA		35	2
...GOMPHONEMACEAF			
...GOMPHONEMA		35	2
...NAVICULACEAE	NAVICULOID		
...NAVICULA		70	4
LPINNULARIA			0
...NITZSCHACEAE			
DNITZSCHIA		280	17
EUGLENOPHYTA	EUGLENIDS		
..CRYPTOPHYCEAE	CRYPTOMONADS		
...CRYPTOMONIDALES			
...CRYPTOMONODACEAF			
LCRYPTOMONAS			0
..EUGLENOPHYCEAE			
...EUGLENALES			
...EUGLENACEAE			
LEUGLENA			0
...TRACHELOMONAS		35	2

MISSISSIPPI RIVER DELTA

241

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA --Continued

MAR. 24, 1976
0835 HOURS

IDENTIFICATION OF PHYTOPLANKTON

410 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...COELASTRACEAE			
...COELASTRUM		16	4
...OCCYSTACEAE			
UANKISTRODES MUS		63	15
DDICTYOSPHAERIUM		63	15
...PALMELLOCOCCUS		16	4
...SCENEDESMACEAE			
...SCENEDESMUS		32	8
..VOLVOCALES			
...CHLAMYDOMONADACEAE			
...CHLAMYDOMONAS		16	4
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINOIDISCEAE			
...MELOSIRA		32	8
..PENNALES	PENNATE		
...CYMBELLACEAE			
...CYMBELLA		16	4
...DIATOMACEAE			
...DIATOMA		16	4
...FRAGILARIACEAE			
...FRAGILARIA		32	8
...GOMPHONEMATACEAE			
LGOMPHONEMA			0
...NAVICULACEAE	NAVICULOID		
DNAVICULA		79	19
...NITZSCHACEAE			
...NITZSCHIA		32	8

APR. 15, 1976
1700 HOURS

IDENTIFICATION OF PHYTOPLANKTON

750 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
...ANKISTRODES MUS		13	2
...SELENASTRUM		13	2
...SCENEDESMACEAE			
DACTINASTRUM		130	17
...CRUCIGEVIA		100	14
DSCENEDESMUS		130	17
..VOLVOCALES			
...CHLAMYDOMONADACEAE			
...CHLAMYDOMONAS		13	2
...POLYBLEPHARIDACEAE			
LPYRAMIMONAS			0
..ZYGHEMATALES			
...DESMIDIACEAE	PLACODERM DESMIDS		
...COSMARIUM		13	2
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..PENNALES	PENNATE		
...EUNOTIACEAE			
LEUNOTIA			0
...NITZSCHACEAE			
...NITZSCHIA		13	2
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..CHROOCOCCALES	CUCCOID		
...CHROOCOCCACEAE			
DANACYSTIS		300	40
EUGLENOPHYTA	EUGLENOIDS		
..EUGLENOPHYCEAE			
...EUGLENALES			
...EUGLENACEAE			
...TRACHELONAS		26	3

MISSISSIPPI RIVER DELTA

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA --Continued

MAY 12, 1976
1205 HOURS

IDENTIFICATION OF PHYTOPLANKTON

4,700 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...SCENEDESMACEAE			
DSCENEDESMUS		4,000	85
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..PENNALES	PENNATE		
...CYMBELLACEAE			
....CYMBELLA		86	2
...NAVICULACEAE	NAVICULOID		
....NAVICULA		170	4
...NITZSCHIACEAE			
....NITZSCHIA		430	9

JULY 12, 1976
1003 HOURS

IDENTIFICATION OF PHYTOPLANKTON

3,600 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...COELASTRACEAE			
....COELASTRUM		270	7
...MICRACTINIACEAE			
DMICRACTINIUM		540	15
...OCCYSTACEAE		250	7
...ANKISTRODESMUS		90	2
...DICTYOSPHAERIUM			
...SCENEDESMACEAE			
...CRUCIGENIA		450	12
...SCENEDESMUS		340	9
...TETRAANTOS		90	2
..VOLVOCALES			
...VOLVOCAEEAE			
LPANDORINA			0
..ZYGNEATALES			
...DESMIDIACEAE			
LCLOSTERIUM	PLACODERM DESMIDS		0
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
....CYCLOTELLA		23	1
..PENNALES	PENNATE		
...CYMBELLACEAE			
....CYMBELLA		23	1
...NAVICULACEAE	NAVICULOID		
....NAVICULA		270	7
...PINNULARIA		45	1
...NITZSCHIACEAE			
....NITZSCHIA		250	7
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..CHROOCOCCALES	COCCOID		
...CHROOCOCCACEAE			
DANACYSTIS		990	27
EUGLENOPHYTA	EUGLENOIDS		
..EUGLENOPHYCEAE			
...EUGLENALES			
...EUGLENACEAE			
....EUGLENA		23	1
LTRACHELOMONAS			0

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA --Continued

AUG. 25, 1976
1000 HOURS

IDENTIFICATION OF PHYTOPLANKTON

17,000 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
..OCCYSTACEAE			
DANKISTRODESMUS		3,000	18
....CHODATELLA		91	1
....DICTYOSPHAERIUM		270	2
....ECHINOSPHAERELLA		91	1
....FRANCEIA		91	1
....KIRCHNERIELLA		1,600	10
....OOCYSTIS		180	1
....WESTELLA		730	4
..SCENEDESMACEAE			
..CRUCIGENIA		360	2
DSCENEDESMUS		3,800	23
LTETRASTRUM			0
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..PENNALES	PENNATE		
..FRAGILARIACEAE			
..SYNEDRA		180	1
..NAVICULACEAE	NAVICULOID		
..NAVICULA		270	2
..NITZSCHIA		91	1
..CHRYSTOPHYCEAE	YELLOW-BROWN ALGAE		
..CHRYSSOMONADALES			
..OCHROMONADACEAE			
..DINOBRYON		91	1
..XANTHOPHYCEAE	YELLOW-GREEN ALGAE		
..HETEROCOCCALES			
..CHLOROTHECIACEAE			
..OPHIOCYTIUM		91	1
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..CHROOCOCCALES	COCCOID		
..CHROOCOCCACEAE			
..AGMENELLUM		1,500	9
DANACYSTIS		4,400	26
EUGLENOPHYTA	EUGLENOIDS		
..EUGLENOPHYCEAE			
..EUGLENALES			
..EUGLENACEAE			
....TRACHELOMONAS		91	1

SEP. 3, 1976
1000 HOURS

IDENTIFICATION OF PHYTOPLANKTON

1,300 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
..OCCYSTACEAE			
DANKISTRODESMUS		370	29
....SCENEDESMACEAE			
DSCENEDESMUS		220	18
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..PENNALES	PENNATE		
..CYMBELLACEAE			
..CYMBELLA		84	7
..EPITHEMIA		56	4
..NAVICULACEAE	NAVICULOID		
DNAVICULA		310	24
....PINNULARIA		28	2
....NITZSCHIA		140	11
....NITZSCHIA			
....SURIPELLACEAE			
....SURIPELLA		56	4

NOTE: D - DOMINANT ORGANISM; GREATER OR EQUAL TO 15%

L - LESS THAN 1%, MAY NOT HAVE BEEN ACTUALLY COUNTED

ANALYSIS METHOD: SEDGWICK-RAFTER CHAMBER, 200-X MICROSCOPE

MISSISSIPPI RIVER DELTA

07380108 BAYOU MANCHAC AT MOUTH, NEAR PORT VINCENT, LA

LOCATION.--Lat 30°20'43", long 90°53'35", in lot 18, T.8 S., R.3 E., Ascension Parish, on right bank 100 ft (30 m) upstream from mouth, 2.6 mi (4.2 km) northwest of Port Vincent.

DRAINAGE AREA.--153 mi² (396 km²)

PERIOD OF RECORD.--Annual maximum elevation, water years 1972-74, October 1974 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 1.00 ft (.305 m) below mean sea level. Prior to October 1974 at datum 1.00 ft (.305 m) higher.

REMARKS.--No gage heights recorded below 1.09 ft (.332 m). Gage heights affected by tide below about 3.0 ft (.914 m).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.99 ft (4.264 m) Mar. 27, 1973.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 5.33 ft (1.625 m) Mar. 28.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.47	1.93	1.54	1.63			1.93		1.44			1.09
2	1.58	2.38	1.40	1.40	1.22	1.13	2.09		1.20			1.09
3	1.87	2.49	1.34	1.80	1.35		2.15		1.25			
4	1.98	2.25	1.20	2.05			1.91		1.38			
5	1.89	2.10	1.15	2.01		1.44			1.57			
6	1.67	2.12	1.27	1.55	2.73	1.17		1.20	2.12			
7	1.52	2.20	1.15	1.40	3.38		1.33	1.22	2.44			1.45
8	1.38	2.00			2.01	1.27		1.48	2.02			1.63
9	1.27	1.92					1.30	1.26	1.58			1.19
10		2.03					1.15	1.28	1.31			
11		1.99				1.13		3.04				
12		1.96				1.20		1.51				
13		1.33	1.25					1.32				1.85
14			1.60			1.14		1.29				2.06
15	1.71		1.70			1.32		1.23	1.38			1.62
16	2.25		1.58				1.53		1.36			1.21
17	2.30	1.16	1.45			1.15	2.11		1.19			1.06
18	2.02	1.40				1.36	2.48		1.20			
19	1.85	1.61			1.13	1.83	2.32				1.34	
20	1.32	1.57				1.60	2.00				1.60	
21				1.13	1.13		1.54				1.32	
22				1.19		1.18		1.33				
23	1.23			1.17	1.14	1.42		1.65				1.46
24	1.42			1.19		1.40			1.30			1.69
25	1.38		1.14			1.93			1.46			1.65
26	1.14				1.17	3.60			1.53			1.65
27					1.13	4.60		1.31	1.56		1.32	1.26
28	1.25	1.39			1.13	5.30		1.14	1.43		1.16	
29	1.13	1.68	1.95		1.16	4.37	1.19		1.35		1.41	
30	1.17	1.66	2.36		---	2.69	1.34					
31	1.20	---	2.11		---		---	1.31	---			---
MAX	2.30	2.49	2.36	2.05	3.38	5.30	2.48	3.04	2.44		1.60	2.06

07380228 NEW RIVER AT ACY, LA

LOCATION.--Lat 30°13'07", long 90°49'15", at center E½ sec.32, T.9 S., R.4 E., Ascension Parish, near left bank on downstream side of bridge on State Highway 22, at Acy, and 2.4 mi (3.9 km) upstream from Bayou Francois.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--March 1976 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 3.91 ft (1.192 m) above mean sea level (levels by Louisiana Department of Public Works).

REMARKS.--Gage height affected by tide at all stages.

EXTREMES.--Maximum gage height during period, 6.48 ft (1.975 m) Mar. 26, minimum, 3.46 ft (1.055 m) July 17.

GAGE HEIGHT, IN FEET, MARCH TO SEPTEMBER 1976
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							4.67	5.07	5.45	4.65	3.91	5.04
2							4.64	4.76	5.30	4.75	3.95	5.15
3							4.52	4.61	5.34	4.86	4.25	5.03
4							4.60	4.75	5.44	4.48	4.03	4.92
5							4.60	4.96	5.62	4.20	4.86	4.14
6							4.85	5.25	5.97	4.49	4.96	5.05
7							5.16	5.32	6.25	4.56	4.42	5.52
8							5.00	5.51	6.15	4.66	4.26	5.69
9							5.20	5.35	5.80	4.80	4.52	5.28
10							5.20	5.34	5.27	4.91	4.84	4.82
11							4.98	5.92	5.18	4.86	4.86	4.78
12							4.71	5.33	4.91	4.91	5.05	4.98
13							4.20	5.21	4.92	4.86	4.82	5.77
14							4.50	5.26	5.10	4.63	4.72	6.04
15							4.96	5.17	5.45	4.46	4.70	5.76
16							5.56	4.87	5.43	4.20	4.55	5.33
17							5.95	5.00	5.26	3.80	4.35	4.66
18							6.24	4.68	5.27	3.55	4.55	4.63
19							6.31	4.93	4.97	4.00	5.40	4.66
20						5.18	6.08	5.03	4.55	4.32	5.63	4.75
21						5.07	5.71	5.16	4.87	4.42	5.44	4.76
22						5.10	5.16	5.47	4.87	4.39	4.97	5.03
23						5.20	5.06	5.73	5.00	4.36	4.76	5.53
24						5.18	4.97	5.06	5.39	4.30	4.57	5.73
25						5.89	4.39	5.05	5.58	4.53	4.51	5.67
26						6.47	4.28	4.96	5.62	4.69	4.85	5.66
27						6.16	5.12	5.37	5.65	4.67	5.36	5.34
28						5.85	4.98	5.28	5.54	4.56	5.23	5.04
29						5.90	5.34	4.66	5.35	4.57	5.29	4.92
30						5.75	5.47	4.97	4.99	4.61	5.12	4.63
31						5.38	---	5.32	---	4.06	5.03	---
MEAN						---	5.08	5.14	5.35	4.49	4.77	5.14
MAX						---	6.31	5.92	6.25	4.91	5.63	6.04
MIN						---	4.20	4.61	4.55	3.55	3.91	4.14

301500090300000 MIDDLE OF LAKE MAUREPAS NEAR MANCHAC, LA (CE 85415)

LOCATION.--Lat 30°15'00", long 90°30'00", T.9 S., R.7 E., St. John the Baptist Parish, 8.7 mi (14.0 km) southwest of Manchac.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975-76.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
06...	1409	250	2.1	2.0	16	0	6.6	27	.04	.00	.04	--
22...	1212	200	6.8	6.3	17	0	13	64	.13	.01	.14	--
NOV.												
04...	1507	50	3.1	5.7	22	0	12	58	.09	.00	.09	--
19...	0730	90	13	11	18	0	25	140	.23	.01	.24	--
DEC.												
02...	1635	110	11	--	24	0	49	290	.26	.01	.27	--
16...	1308	40	9.7	17	28	0	39	240	.26	.00	.26	--
JAN.												
05...	1212	140	5.6	9.8	24	0	20	120	.26	.00	.26	.36
14...	1652	120	6.8	10	28	0	21	140	.27	.01	.28	.50
28...	1445	30	7.2	11	26	0	24	150	.27	.01	.28	.60
FEB.												
13...	1603	50	5.8	5.5	26	0	12	61	.37	.01	.38	.77
26...	1530	170	6.0	4.0	24	0	9.2	41	.38	.03	.41	.86
MAR.												
12...	1252	160	6.2	4.9	29	0	11	48	.43	.01	.44	.96
22...	1640	130	11	15	33	0	32	210	.60	.01	.61	.79
APR.												
05...	1425	100	5.5	3.8	32	0	11	54	.40	.01	.41	.50
19...	1620	0	9.7	13	35	0	28	180	.24	.01	.25	.97
MAY												
05...	1618	30	8.3	12	26	0	26	160	.01	.01	.02	.45
18...	1653	130	4.3	5.9	19	0	14	73	.02	.01	.03	.77
JUNE												
02...	1537	30	6.5	9.9	23	0	26	140	.08	.02	.10	1.5
14...	1600	10	12	27	22	0	62	420	.14	.02	.16	.63
AUG.												
20...	0950	10	14	40	15	0	91	600	.01	.00	.01	.72
SEP.												
03...	1015	20	9.4	31	10	0	64	460	.01	.00	.01	.51

301500090300000 MIDDLE OF LAKE MAUREPAS NEAR MANCHAC, LA (CE 85415)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDED SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA,MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
06...	.77	17	--	13	0	137	7.1	22.0	60	8	8.0	--
22...	1.7	7	--	43	29	275	7.1	21.5	35	5	8.0	--
NOV.												
04...	.53	7	--	31	13	253	7.4	21.5	40	5	8.3	--
19...	.10	3	--	78	63	557	7.1	16.0	30	6	9.2	--
DEC.												
02...	.36	3	--	110	94	1130	7.2	12.5	30	5	9.7	--
16...	.10	8	--	94	71	932	7.4	15.0	40	7	9.0	--
JAN.												
05...	.35	0	<1.0	54	34	513	7.1	7.5	30	10	10.8	24
14...	.11	7	--	58	35	548	7.4	9.5	40	8	10.6	36
28...	.13	23	<1.0	63	42	608	7.2	11.0	30	20	8.7	35
FEB.												
13...	.13	24	<1.0	37	16	285	7.2	15.5	40	15	11.2	20
26...	.13	23	<1.0	31	11	203	7.2	17.0	60	25	9.8	5
MAR.												
12...	.30	25	<1.0	36	12	230	7.4	--	65	20	13.2	24
22...	.21	21	<1.0	89	62	808	7.3	18.0	30	20	10.1	39
APR.												
05...	.17	9	<1.0	29	3	230	7.4	20.0	40	20	9.3	20
19...	.08	28	<1.0	78	49	684	7.7	24.0	35	25	8.2	27
MAY												
05...	.09	15	<1.0	70	49	632	7.8	23.5	30	15	10.6	33
18...	.03	4	<1.0	35	19	328	7.1	24.0	30	7	8.7	29
JUNE												
02...	.11	14	<1.0	57	38	569	7.1	27.0	25	10	8.0	33
14...	.02	14	<1.0	140	120	1470	6.8	--	10	5	7.8	38
AUG.												
20...	.08	6	<1.0	200	190	2170	7.1	--	3	4	8.3	27
SEP.												
03...	.02	0	<1.0	150	140	1660	7.0	--	10	2	9.1	24

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
06...	1.7	280	<5	16	.00	8	0	.00	.0	.00	.00	.00
22...	2.3	50	<5	9.8	.00	0	0	.00	.0	.00	.00	.00
NOV.												
04...	2.2	210	<5	11	.00	1	0	.00	.0	.00	.00	.00
19...	1.6	20	<5	10	.00	7	3	.00	.0	.00	.00	.00
DEC.												
02...	1.2	24	<5	7.6	.00	3	0	.00	.0	.00	.00	.00
16...	1.6	<5	<5	7.2	.00	0	0	.00	.0	.00	.00	.00
JAN.												
05...	6.7	8	<5	6.6	.00	0	0	.00	.0	.00	.00	.00
14...	2.3	<5	<5	7.0	.00	7	0	.00	.0	.00	.00	.00
28...	1.0	<5	<5	7.8	.00	0	0	.00	.0	.00	.00	.00
FEB.												
13...	3.2	<5	<5	14	.00	0	3	.00	.0	.00	.00	.00
26...	1.9	<5	<5	8.4	.00	0	0	.00	.0	.00	.00	.00
MAR.												
12...	6.1	200	<5	--	.00	5	0	.00	.0	.00	.00	.00
22...	2.3	<5	<5	16	.00	3	0	.00	.0	.00	.00	.00
APR.												
05...	8.3	<5	<5	6.6	.00	0	1	.00	.0	.00	.00	.00
19...	.7	<5	<5	8.0	.00	0	0	.00	.0	.00	.00	.00
MAY												
05...	4.1	<5	<5	7.9	.00	3	0	.00	.0	.00	.00	.00
18...	2.6	0	0	9.0	.00	1	0	.00	.0	.00	.00	.00
JUNE												
02...	2.1	200	<5	4.5	.00	0	0	.00	.0	.00	.00	.00
14...	4.0	8	<5	7.8	.00	0	0	.00	.0	.00	.00	.00
AUG.												
20...	--	8	<5	4.2	.00	5	0	.00	.0	.00	.00	.00
SEP.												
03...	2.5	--	<5	4.0	.00	5	0	.00	.0	.00	.00	.00

MISSISSIPPI RIVER DELTA

301500090300000 MIDDLE OF LAKE MAUREPAS NEAR MANCHAC, LA (CE 85415)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
22...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
04...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
16...	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
14...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
28...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
13...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
26...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
12...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
22...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.00	.00	.00	.00	.00	.00	.00	--	.00	.00	.00	.0
JUNE												
02...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
14...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.												
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
06...	.00	0	.00	--	--	--	3	2	0	0	<10	0
22...	.00	0	.00	--	--	--	2	1	0	0	<10	0
NOV.												
04...	.00	0	.00	--	--	--	2	2	0	0	<10	0
19...	.00	0	.00	--	--	--	1	1	1	0	<10	0
DEC.												
02...	.00	0	.00	--	--	--	1	1	0	0	10	0
16...	.00	0	.00	--	--	--	1	1	--	0	--	0
JAN.												
05...	.00	0	.00	--	--	--	1	1	0	0	<10	0
14...	.00	0	.00	--	--	--	1	1	0	0	30	0
28...	.00	0	.00	--	--	--	2	1	0	0	10	0
FEB.												
13...	.00	0	.00	--	--	--	1	1	0	0	<10	0
26...	.00	0	.00	--	--	--	1	1	0	0	10	0
MAR.												
12...	.00	0	.00	--	--	--	1	1	0	0	<10	0
22...	.00	0	.00	--	--	--	1	1	0	0	10	0
APR.												
05...	.00	0	.00	--	--	--	2	0	1	0	0	0
19...	.00	0	.00	--	--	--	1	0	0	0	<10	0
MAY												
05...	.00	0	.00	--	--	--	1	1	0	0	<10	0
18...	.00	0	.00	--	--	--	1	1	0	0	20	0
JUNE												
02...	.00	0	.00	--	--	--	2	2	1	0	10	0
14...	.00	0	.00	--	--	--	2	1	3	0	10	0
AUG.												
20...	.00	0	.00	.04	.00	.00	1	1	0	0	10	0
SEP.												
03...	.00	0	.00	.03	.02	.00	2	1	0	0	20	0

301500090300000 MIDDLE OF LAKE MAUREPAS NEAR MANCHAC, LA (CE 85415)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDED MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
06...	--	--	0	0	.2	.0	.2	--	--	20	0
22...	--	--	0	0	.0	.0	.0	--	--	20	20
NOV.											
04...	--	--	0	0	.0	.0	.0	--	--	10	10
19...	--	--	3	0	.1	.0	.1	--	--	20	20
DEC.											
02...	--	--	0	0	.0	.0	.0	--	--	10	0
16...	--	--	--	0	.0	.0	.0	--	--	--	10
JAN.											
05...	3	3	6	0	.2	.1	.1	0	0	20	10
14...	3	3	0	0	.4	.1	.3	3	0	110	20
28...	3	3	7	0	.1	.1	.0	2	0	20	0
FEB.											
13...	6	4	0	0	.1	.1	.0	2	0	30	0
26...	0	0	4	0	.1	.1	.0	0	0	20	10
MAR.											
12...	6	6	3	0	.0	.0	.0	1	0	10	0
22...	1	1	0	0	.1	.0	.1	3	0	10	0
APR.											
05...	3	3	0	0	.0	.0	.0	10	0	10	0
19...	2	2	2	0	.0	.0	.0	2	0	10	0
MAY											
05...	1	--	0	0	.2	.1	.1	7	0	--	--
18...	3	3	0	0	.0	.0	.0	3	0	20	10
JUNE											
02...	5	5	17	0	.3	.0	.3	6	0	70	20
14...	--	--	4	0	.4	.3	.1	0	0	30	30
AUG.											
20...	3	2	1	0	.1	.1	.0	1	1	20	20
SEP.											
03...	2	2	0	0	.1	.0	.1	4	0	20	0

MISSISSIPPI RIVER DELTA

07380230 PASS MANCHAC AT MANCHAC, LA (CE 85420)
(formerly published as Pass Manchac near Ponchatoula, La)

LOCATION.--Lat 30°16'53", long 90°24'01", T.9 S., R.8 E., St. John the Baptist-Tangipahoa Parish line, at bridge on U.S. Highway 51, 10 mi (16.1 km) south of Ponchatoula, 0.4 mi (0.64 km) north of Galva, 0.2 mi (0.32 km) south of Manchac.

DRAINAGE AREA.--3,204 mi² (8,298 km²).

PERIOD OF RECORD.--Water year 1963.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 2,500 mg/L Apr. 4, 1975; minimum, 18 mg/L Sept. 11, 12, 1975.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 160 mg/L Sept. 24; min, 53 mg/L Oct. 30.

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	130	230	280	440	140	460	120	350	710	490	330	640
2	100	460	290	420	150	320	130	280	480	510	380	720
3	85	620	250	190	140	250	92	320	460	470	440	650
4	87	180	230	170	190	410	86	340	700	420	720	670
5	88	130	240	250	180	320	76	520	750	370	710	640
6	100	150	240	230	180	130	89	690	740	430	680	710
7	62	110	260	220	150	120	210	760	760	450	640	1200
8	88	100	240	180	120	560	220	690	480	480	540	840
9	90	250	150	170	130	220	140	360	360	460	630	880
10	70	130	220	180	130	200	180	360	360	450	770	770
11	100	130	190	210	130	200	170	300	350	440	860	730
12	70	110	290	240	150	440	---	190	480	450	970	970
13	70	130	350	250	150	200	100	250	450	400	760	1400
14	70	140	510	210	140	190	96	220	460	350	680	1100
15	250	200	490	240	150	580	290	330	710	360	650	970
16	310	240	140	140	140	120	590	320	730	360	610	690
17	290	240	170	140	150	260	450	250	470	360	540	640
18	140	380	200	150	100	240	370	250	580	360	510	680
19	95	500	200	230	100	270	200	260	420	740	1300	800
20	84	360	180	490	110	450	250	560	350	560	770	790
21	130	190	250	380	470	210	180	580	450	620	710	790
22	120	210	240	140	150	180	310	700	280	610	670	910
23	120	170	200	260	160	360	300	710	760	560	650	1500
24	110	170	350	240	100	290	300	450	880	520	700	1600
25	140	180	800	540	140	550	270	400	700	550	740	1500
26	58	300	250	620	230	210	400	360	600	610	870	1500
27	80	420	390	240	160	110	590	400	890	660	1200	1100
28	90	610	520	170	150	120	360	380	510	600	1000	1000
29	57	770	560	130	150	100	420	320	590	640	890	910
30	53	420	840	170	---	100	480	400	530	760	780	860
31	70	---	460	160	---	120	---	510	---	420	660	---

301730090180000 LAKE PONTCHARTRAIN AT PASS MANCHAC, NEAR MANCHAC, LA (CE 85430)

LOCATION.--30°17'30", long 90°18'00", T.9 S., R.9 E., St. John the Baptist Parish, 6.1 mi (9.8 km) east of Manchac.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974-76.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
06...	1402	130	5.2	6.5	24	0	14	75	.10	.01	.11	--
22...	1205	70	6.0	9.4	23	0	20	110	.12	.00	.12	--
NOV.												
04...	1500	10	17	38	35	0	83	550	.10	.01	.11	--
19...	0943	30	21	26	26	0	55	360	.12	.02	.14	--
DEC.												
02...	1627	40	16	32	30	0	71	450	.15	.00	.15	--
16...	1256	10	21	37	37	0	80	550	.21	.01	.22	--
JAN.												
05...	1200	70	8.4	14	41	0	99	680	.17	.01	.18	.37
14...	1646	80	9.6	16	28	0	36	240	.23	.02	.25	.51
28...	1500	40	18	32	39	0	70	470	.18	.01	.19	.82
FEB.												
13...	1546	80	8.0	11	29	0	24	130	.31	.01	.32	.46
26...	1520	30	14	22	36	0	50	320	.23	.01	.24	.64
MAR.												
12...	1230	30	20	39	40	0	88	600	.18	.01	.19	.48
22...	1624	70	17	28	38	0	65	420	.33	.01	.34	.71
APR.												
05...	1417	160	4.9	6.2	30	0	16	90	.34	.01	.35	.61
19...	1605	50	7.4	14	34	0	31	190	.23	.01	.24	.97
MAY												
05...	1606	30	23	41	42	0	91	610	.00	.01	.01	.29
18...	1642	40	12	24	19	0	53	350	.00	.00	.00	.50
JUNE												
02...	1556	20	14	30	29	0	64	440	.14	.01	.15	.92
14...	1500	10	22	42	32	0	96	660	.05	.01	.06	.76
AUG.												
20...	0935	0	21	48	40	0	110	710	.01	.00	.01	.50
SEP.												
03...	1000	10	16	43	16	0	91	650	.01	.00	.01	.61

301730090180000 LAKE PONTCHARTRAIN AT PASS MANCHAC, NEAR MANCHAC, LA (CE 85430)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDE D SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA, MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
06...	1.2	19	--	40	20	323	7.3	22.5	50	20	7.8	--
22...	.32	54	--	54	35	466	7.1	22.0	45	10	7.7	--
NOV.												
04...	.09	47	--	200	170	1950	7.5	21.5	10	25	8.3	--
19...	.14	42	--	160	140	1380	7.1	15.5	35	40	9.1	--
DEC.												
02...	1.6	31	--	170	150	1700	7.2	12.5	20	20	9.3	--
16...	.06	21	--	200	170	1960	7.4	15.0	35	20	8.5	--
JAN.												
05...	4.2	252	<1.0	79	45	2410	7.4	7.0	25	60	10.4	24
14...	.12	48	<1.0	90	67	869	7.0	10.0	50	30	10.0	34
28...	.12	39	<1.0	180	150	1720	7.3	9.5	35	20	8.7	50
FEB.												
13...	.12	32	<1.0	65	41	565	7.1	15.5	60	15	9.2	20
26...	.12	50	<1.0	130	100	1190	7.4	17.0	30	20	9.1	5
MAR.												
12...	.09	63	<1.0	210	180	2090	7.6	--	35	30	13.0	46
22...	.16	33	<1.0	160	130	1530	7.3	18.0	25	20	9.9	69
APR.												
05...	.17	13	<1.0	38	13	360	7.5	22.0	50	20	8.4	28
19...	.11	29	<1.0	81	53	727	7.7	23.0	40	30	7.2	17
MAY												
05...	.05	24	<1.0	230	190	2190	7.8	23.5	20	20	8.8	41
18...	.09	12	<1.0	130	110	1320	7.3	24.0	20	15	8.8	38
JUNE												
02...	.13	9	<1.0	160	130	1590	7.2	26.0	25	7	7.3	39
14...	.08	66	<1.0	230	200	2270	7.1	--	10	40	7.3	40
AUG.												
20...	.03	22	<1.0	250	220	5120	7.4	--	5	7	8.4	27
SEP.												
03...	.02	12	<1.0	220	210	2290	7.1	--	15	3	8.0	28

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
06...	1.6	380	16	17	.00	8	0	.00	.0	.00	.00	.00
22...	2.3	30	<5	11	.00	8	0	.00	.0	.00	.00	.00
NOV.												
04...	2.5	80	28	6.4	.00	2	0	.00	.0	.00	.00	.00
19...	.8	10	8	10	.00	3	2	.00	.0	.00	.00	.00
DEC.												
02...	1.1	80	20	8.8	.00	0	0	.00	.0	.00	.00	.00
16...	1.6	58	13	7.6	.00	0	0	.00	.0	.00	.00	.00
JAN.												
05...	6.4	42	8	14	.00	1	0	.00	.0	.00	.00	.00
14...	4.2	--	57	7.4	.00	3	0	.00	.0	.00	.00	.00
28...	1.7	10	8	7.0	.00	1	5	.00	.0	.00	.00	.00
FEB.												
13...	1.3	50	12	12	.00	0	0	.00	.0	.00	.00	.00
26...	1.2	10	<5	7.8	.00	0	0	.00	.0	.00	.00	.00
MAR.												
12...	6.4	100	7	7.4	.00	1	0	.00	.0	.00	.00	.00
22...	2.6	40	<5	14	.00	2	0	.00	.0	.00	.00	.00
APR.												
05...	2.0	40	<5	7.9	.00	0	1	.00	.0	.00	.00	.00
19...	1.6	460	68	6.9	.00	0	0	.00	.0	.00	.00	.00
MAY												
05...	2.1	25	<5	6.4	.00	2	0	.00	.0	.00	.00	.00
18...	1.6	<5	<5	9.8	.00	0	0	.00	.0	.00	.00	.00
JUNE												
02...	2.3	100	<5	4.0	.00	0	0	.00	.0	.00	.00	.00
14...	1.0	250	<5	8.6	.00	1	0	.00	.0	.00	.00	.00
AUG.												
20...	--	770	44	5.4	.00	5	0	.00	.0	.00	.00	.00
SEP.												
03...	2.3	--	<5	3.4	.00	3	0	.00	.0	.00	.00	.00

301730090180000 LAKE PONTCHARTRAIN AT PASS MANCHAC, NEAR MANCHAC, LA (CE 85430)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
22...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
04...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
16...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
05...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
14...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
28...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
13...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
26...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
12...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
22...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.00	.00	.00	.00	.00	.00	.00	--	.00	.00	.00	.0
JUNE												
02...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
14...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.												
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
06...	.00	0	.00	--	--	--	2	1	0	0	<10	0
22...	.00	0	.00	--	--	--	2	1	0	0	<10	0
NOV.												
04...	.00	0	.00	--	--	--	1	1	1	0	<10	0
19...	.00	0	.00	--	--	--	1	1	0	0	<10	0
DEC.												
02...	.00	0	.00	--	--	--	1	1	0	0	<10	0
16...	.00	0	.00	--	--	--	1	1	--	0	--	0
JAN.												
05...	.00	0	.00	--	--	--	2	1	0	0	12	0
14...	.00	0	.00	--	--	--	1	1	1	0	<10	0
28...	.00	0	.00	--	--	--	1	0	0	0	<10	0
FEB.												
13...	.00	0	.00	--	--	--	1	1	0	0	<10	0
26...	.00	0	.00	--	--	--	1	1	0	0	40	0
MAR.												
12...	.00	0	.00	--	--	--	1	1	0	0	<10	0
22...	.00	0	.00	--	--	--	2	1	0	0	20	0
APR.												
05...	.00	0	.00	--	--	--	0	0	0	0	<10	0
19...	.00	0	.00	--	--	--	1	0	0	0	<10	0
MAY												
05...	.00	0	.00	--	--	--	1	1	0	0	30	0
18...	.00	0	.00	--	--	--	2	1	0	0	10	0
JUNE												
02...	.00	0	.00	--	--	--	1	1	1	0	20	0
14...	.00	0	.00	--	--	--	2	1	0	0	10	0
AUG.												
20...	.00	0	.00	.04	.00	.00	1	1	0	0	20	0
SEP.												
03...	.00	0	.00	.05	.02	.00	2	2	0	0	30	0

MISSISSIPPI RIVER DELTA

301730090180000 LAKE PONTCHARTRAIN AT PASS MANCHAC, NEAR MANCHAC, LA (CE 85430)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDED MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
06...	--	--	0	0	.2	.0	.2	--	--	20	0
22...	--	--	4	0	.0	.0	.0	--	--	20	3
NOV.											
04...	--	--	0	0	.0	.0	.0	--	--	10	10
19...	--	--	2	0	.0	.0	.0	--	--	20	4
DEC.											
02...	--	--	0	0	.0	.0	.0	--	--	20	6
16...	--	--	--	0	.0	.0	.0	--	--	--	10
JAN.											
05...	6	5	10	0	.2	.0	.2	7	0	30	10
14...	4	4	2	0	.3	.0	.3	2	0	60	10
28...	2	2	3	0	.1	.0	.1	2	0	10	10
FEB.											
13...	3	3	0	0	.0	.0	.0	0	0	0	0
26...	0	0	5	0	.0	.0	.0	0	0	10	10
MAR.											
12...	2	2	3	0	.0	.0	.0	3	0	20	10
22...	1	1	0	0	.3	.3	.0	2	0	10	0
APR.											
05...	4	4	0	0	.0	.0	.0	4	0	10	0
19...	5	5	0	0	.1	.0	.1	0	0	20	10
MAY											
05...	2	2	0	0	.2	.1	.1	2	0	10	0
18...	0	--	0	0	--	--	.1	2	0	20	0
JUNE											
02...	5	5	8	0	.1	--	--	8	0	80	10
14...	1	--	4	0	.1	.0	.1	3	0	20	20
AUG.											
20...	2	2	2	1	.0	--	.0	2	0	30	0
SEP.											
03...	2	2	0	0	.1	.0	.1	4	0	20	0

301945090161500 LAKE PONTCHARTRAIN AT MOUTH OF TANGIPAHOA RIVER, NEAR LEE LANDING, LA (CE 85615)

LOCATION.--Lat 30°19'45", long 90°16'15", T.8 S., R.9 E., Tangipahoa Parish, 6.8 mi (10.9 km) southeast of Lee Landing.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974-76.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
06...	1355	140	5.7	8.1	26	0	16	89	.03	.00	.03	--
22...	1200	200	3.1	4.3	17	0	10	60	.17	.01	.18	--
NOV.												
04...	1456	10	14	31	32	0	64	410	.17	.00	.17	--
19...	0940	30	10	18	28	0	39	240	.13	.01	.14	--
DEC.												
02...	1620	60	10	14	28	0	31	190	.23	.01	.24	--
16...	1249	70	5.8	2.8	16	0	5.6	27	.16	.01	.17	--
JAN.												
05...	1150	70	--	--	28	0	--	--	.21	.01	.22	.09
14...	1635	200	2.1	1.3	16	0	3.3	13	.28	.01	.29	.56
28...	1502	80	2.3	1.0	14	0	3.1	7.2	.72	.02	.74	.84
FEB.												
13...	1544	90	3.4	2.0	15	0	3.8	13	.22	.01	.23	.58
26...	1512	200	4.2	3.1	20	0	6.0	33	.32	.01	.33	.65
MAR.												
12...	1225	60	2.4	1.7	18	0	2.6	13	.23	.00	.23	.32
22...	1616	220	.8	1.8	24	0	4.1	19	.25	.01	.26	.54
APR.												
05...	1407	180	2.0	1.1	13	0	3.5	10	.20	.01	.21	.46
19...	1602	60	15	27	32	0	59	410	.06	.01	.07	1.4
MAY												
05...	1552	150	15	21	30	0	49	300	.06	.02	.08	.33
18...	1635	160	2.5	2.8	14	0	6.0	42	.27	.01	.28	.68
JUNE												
02...	1600	250	6.6	12	20	0	27	170	.27	.01	.28	.40
14...	1400	110	4.7	14	20	0	28	220	.03	.01	.04	.59
SEP.												
03...	0950	10	24	54	24	0	110	820	.04	.00	.04	.67

301945090161500 LAKE PONTCHARTRAIN AT MOUTH OF TANGIPAHOA RIVER, NEAR LEE LANDING, LA (CE 85615)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDED SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
06...	.62	19	--	48	27	338	7.4	21.5	50	15	8.6	--
22...	.11	21	--	25	11	225	7.0	20.0	40	15	7.4	--
NOV.												
04...	.11	43	--	160	130	1560	7.6	22.0	15	30	8.0	--
19...	.23	0	--	99	76	934	7.2	17.0	25	20	9.8	--
DEC.												
02...	1.0	1260	--	83	60	774	7.2	14.0	30	150	10.8	--
16...	.07	15	--	26	13	129	6.9	15.5	25	7	7.4	--
JAN.												
05...	.74	37	<1.0	--	--	721	7.2	7.5	55	30	10.0	20
14...	.09	0	<1.0	11	0	79	6.9	13.0	40	10	9.3	10
28...	.15	29	<1.0	10	0	433	6.8	11.5	35	20	7.5	85
FEB.												
13...	.09	157	<1.0	17	5	68	7.0	18.0	30	10	10.0	15
26...	.12	41	<1.0	23	7	162	7.3	17.0	50	20	9.0	5
MAR.												
12...	.08	7	<1.0	13	0	82	7.2	--	30	5	12.4	8
22...	.27	20	<1.0	9	0	107	6.8	18.0	25	10	8.3	16
APR.												
05...	.10	17	<1.0	10	0	63	6.9	18.5	50	10	7.0	12
19...	.05	71	<1.0	150	120	1450	7.4	24.0	25	15	5.1	17
MAY												
05...	.15	36	<1.0	120	99	1120	7.6	25.0	15	20	8.4	29
18...	.08	4	<1.0	18	6	187	6.7	25.0	30	6	7.5	20
JUNE												
02...	.19	292	<1.0	66	49	635	7.0	26.5	20	9	7.1	29
14...	.06	18	<1.0	79	63	787	7.0	29.5	20	15	7.7	32
SEP.												
03...	.04	0	<1.0	280	260	2900	7.5	--	5	2	8.7	30

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
06...	1.5	510	12	20	.00	120	0	.00	.0	.00	.00	.00
22...	2.0	220	47	7.2	.00	2	0	.00	.0	.00	.00	.00
NOV.												
04...	1.8	280	67	12	.00	0	0	.00	.0	.00	.00	.00
19...	3.0	92	10	8.0	.00	3	0	.00	.0	.00	.00	.00
DEC.												
02...	3.3	--	880	25	.00	9	0	.00	.0	.00	.00	.00
16...	2.1	490	150	2.6	.00	0	0	.00	.0	.00	.00	.00
JAN.												
05...	6.2	180	16	9.2	.00	0	1	.00	.0	.00	.00	.00
14...	2.3	50	40	4.8	.00	2	0	.00	.0	.00	.00	.00
28...	.6	4200	2200	5.4	.00	1	0	.00	.0	.00	.00	.00
FEB.												
13...	1.6	300	24	4.0	.00	0	0	.00	.0	.00	.00	.00
26...	2.7	80	76	--	.00	0	13	.00	.0	.00	.00	.00
MAR.												
12...	6.5	140	12	2.4	.00	1	0	.00	.0	.00	.00	.00
22...	2.1	80	<5	7.8	.00	2	0	.00	.0	.00	.00	.00
APR.												
05...	2.3	270	40	5.2	.00	0	1	.00	.0	.00	.00	.00
19...	1.5	1200	120	7.6	.00	2	0	.00	.0	.00	.00	.00
MAY												
05...	2.6	110	6	5.8	.00	1	0	.00	.0	.00	.00	.00
18...	.8	30	<5	7.1	.00	0	0	.00	.0	.00	.00	.00
JUNE												
02...	.8	320	30	5.3	.00	0	0	.00	.0	.00	.00	.00
14...	1.5	92	<5	7.4	.00	0	0	.00	.0	.00	.00	.00
SEP.												
03...	2.9	--	<5	3.4	.00	2	0	.00	.0	.00	.00	.00

301945090161500 LAKE PONTCHARTRAIN AT MOUTH OF TANGIPAHOA RIVER, NEAR LEE LANDING, LA (CE 85615)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
06...	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
22...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
04...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
16...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
14...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
28...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
13...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
26...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
12...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
22...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
05...	.00	.00	.00	.00	.00	.00	.00	--	.00	.00	.00	.0
18...	.00	.00	.00	.00	.00	.00	.00	--	.00	.00	.00	.0
JUNE												
02...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
14...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
06...	.00	0	.00	--	--	--	2	1	1	0	<10	0
22...	.00	0	.00	--	--	--	1	1	1	0	<10	0
NOV.												
04...	.00	0	.00	--	--	--	1	1	1	0	<10	0
19...	.00	0	.00	--	--	--	2	1	0	0	<10	0
DEC.												
02...	.00	0	.00	--	--	--	20	0	0	0	<10	0
16...	.00	0	.00	--	--	--	0	0	--	0	--	0
JAN.												
05...	.00	0	.00	--	--	--	2	1	0	0	<10	0
14...	.00	0	.00	--	--	--	0	0	0	0	<10	0
28...	.00	0	.00	--	--	--	0	0	0	0	<10	0
FEB.												
13...	.00	0	.00	--	--	--	1	0	1	0	<10	0
26...	.00	0	.00	--	--	--	1	0	0	0	30	0
MAR.												
12...	.00	0	.00	--	--	--	0	0	0	0	<10	0
22...	.00	0	.00	--	--	--	1	1	0	0	<10	0
APR.												
05...	.00	0	.00	--	--	--	1	1	1	0	0	0
19...	.00	0	.00	--	--	--	1	0	0	0	<10	0
MAY												
05...	.00	0	.00	--	--	--	1	1	1	0	20	0
18...	.00	0	.00	--	--	--	1	1	0	0	10	0
JUNE												
02...	.00	0	.00	--	--	--	1	--	0	0	<10	0
14...	.00	0	.00	--	--	--	2	2	0	0	10	0
SEP.												
03...	.00	0	.00	.05	.02	.00	2	2	0	0	30	0

MISSISSIPPI RIVER DELTA

301945090161500 LAKE PONTCHARTRAIN AT MOUTH OF TANGIPAHOA RIVER, NEAR LEE LANDING, LA (CE 85615)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDE MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
06...	--	--	5	0	.0	.0	.0	--	--	30	0
22...	--	--	0	0	.0	.0	.0	--	--	10	0
NOV.											
04...	--	--	0	0	.0	.0	.0	--	--	10	8
19...	--	--	0	0	.0	.0	.0	--	--	10	10
DEC.											
02...	--	--	3	0	.0	.0	.0	--	--	30	10
16...	--	--	--	0	.0	.0	.0	--	--	--	10
JAN.											
05...	3	3	0	0	.2	.1	.1	3	0	20	0
14...	0	0	0	0	.1	.1	.0	0	0	20	0
28...	2	1	3	0	.1	.0	.1	6	0	10	0
FEB.											
13...	1	1	0	0	.0	.0	.0	7	0	20	10
26...	0	0	4	0	.0	.0	.0	3	0	20	10
MAR.											
12...	1	1	0	0	.0	.0	.0	2	0	10	0
22...	1	0	0	0	.2	.1	.1	0	0	10	10
APR.											
05...	3	3	0	0	.0	.0	.0	6	0	10	0
19...	3	3	0	0	.0	.0	.0	0	0	20	10
MAY											
05...	3	1	4	0	.1	.0	.1	6	0	10	0
18...	0	--	0	0	--	--	.1	2	0	10	10
JUNE											
02...	0	3	0	0	.4	.0	.4	0	0	30	30
14...	1	--	3	0	.2	.0	.2	0	0	--	30
SEP.											
03...	2	2	0	0	.1	.0	.1	2	0	20	0

302150090102000 LAKE PONTCHARTRAIN AT MOUTH OF TCHOFUNCTA RIVER, NEAR MADISONVILLE, LA (CE 85614)

LOCATION.--Lat 30°21'50", long 90°10'20", T.8 S., T.10 E., St. Tammany Parish, 3.2 mi (5.1 km) south of Madisonville.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974-76.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
06...	1349	90	11	15	26	0	32	190	.06	.01	.07	--
22...	1155	60	5.0	13	23	0	29	180	.06	.01	.07	--
NOV.												
04...	1450	10	15	41	32	0	88	610	.04	.00	.04	--
19...	0915	40	12	17	26	0	38	240	.25	.01	.26	--
DEC.												
02...	1609	100	9.8	15	26	0	34	220	.72	.00	.72	--
16...	1247	30	29	65	38	0	140	900	.06	.00	.06	--
JAN.												
05...	1141	10	9.3	13	12	0	5.1	11	.24	.01	.25	.05
14...	1622	230	4.7	6.8	16	0	16	92	.19	.01	.20	.31
28...	1508	70	8.2	12	20	0	30	200	.08	.00	.08	.75
FEB.												
13...	1537	130	9.6	16	25	0	14	64	.10	.01	.11	.44
26...	1502	50	15	29	27	0	56	400	.20	.01	.21	.43
MAR.												
12...	1218	70	18	41	28	0	89	610	.06	.00	.06	.38
22...	1609	0	33	80	40	0	170	1200	.04	.01	.05	.19
APR.												
05...	1400	280	3.5	4.4	16	0	10	74	.18	.01	.19	.82
19...	1555	30	14	32	27	0	71	480	.05	.01	.06	.80
MAY												
05...	1548	40	16	30	31	0	65	440	.00	.01	.01	.38
18...	1627	130	8.9	17	24	0	39	260	.02	.01	.03	.96
JUNE												
02...	1609	60	13	27	28	0	59	400	.04	.01	.05	.48
14...	1300	40	11	27	24	0	56	410	.01	.01	.02	.76
AUG.												
20...	0915	0	--	--	30	0	--	660	.02	.00	.02	.70
SEP.												
03...	0935	0	69	110	42	0	210	1600	.14	.00	.14	.50

302150090102000 LAKE PONTCHARTRAIN AT MOUTH OF TCHUFUNTA RIVER, NEAR MADISONVILLE, LA (CE 85614)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDED SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA, MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
06...	1.1	18	--	89	68	728	7.2	21.0	40	20	7.8	--
22...	.09	13	--	66	47	699	7.1	21.5	10	15	7.8	--
NOV.												
04...	.06	21	--	210	180	2130	7.5	21.5	15	7	8.0	--
19...	1.0	37	--	100	79	898	7.1	15.5	35	30	9.0	--
DEC.												
02...	.22	58	--	86	65	844	7.1	14.0	40	60	7.8	--
16...	.04	0	--	340	310	3224	7.5	16.0	25	3	9.3	--
JAN.												
05...	.11	34	<1.0	77	67	72	6.5	10.0	80	30	8.5	26
14...	.09	60	<1.0	40	27	380	7.0	10.5	60	20	9.1	600
28...	.10	52	<1.0	70	54	717	6.8	10.5	40	25	8.2	25
FEB.												
13...	.08	60	<1.0	90	69	1360	7.1	15.0	60	10	8.3	24
26...	.06	10	<1.0	160	140	1430	7.4	17.5	45	15	8.7	20
MAR.												
12...	.05	17	<1.0	210	190	2120	7.1	--	50	10	13.4	50
22...	.05	23	<1.0	410	380	4020	7.4	18.5	5	4	12.3	54
APR.												
05...	.08	13	<1.0	27	14	263	6.8	21.5	100	10	7.2	85
19...	.05	48	<1.0	170	150	1690	7.6	25.0	20	30	8.8	17
MAY												
05...	.06	94	<1.0	160	140	1620	7.6	25.0	30	25	9.0	37
18...	.02	13	<1.0	92	73	1010	6.9	25.0	50	7	8.3	38
JUNE												
02...	.05	9	<1.0	140	120	1450	7.3	27.5	25	7	8.4	36
14...	.06	15	<1.0	140	120	1440	7.0	29.5	30	10	7.6	23
AUG.												
20...	.06	7	<1.0	--	--	2630	7.3	--	5	3	9.1	18
SEP.												
03...	.01	3	<1.0	630	600	5300	7.6	--	5	1	8.9	38

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
06...	.7	58	8	10	.00	1	0	.00	.0	.00	.00	.00
22...	2.0	280	<5	7.2	.00	2	26	.00	.0	.00	.00	.00
NOV.												
04...	2.1	520	23	6.2	.00	1	0	.00	.0	.00	.00	.00
19...	1.4	100	8	8.2	.00	3	0	.00	.0	.00	.00	.00
DEC.												
02...	1.0	1400	160	3.4	.00	1	0	.00	.0	.00	.00	.00
16...	2.6	110	10	8.2	.00	0	0	.00	.0	.00	.00	.00
JAN.												
05...	5.8	2400	370	10	.00	0	0	.00	.0	.00	.00	.00
14...	2.5	200	140	11	.00	3	0	.00	.0	.00	.00	.00
28...	1.3	670	100	6.6	.00	2	0	.00	.0	.00	.00	.00
FEB.												
13...	1.5	500	190	9.2	.00	0	0	.00	.0	.00	.00	.00
26...	1.4	270	70	7.6	.00	0	0	.00	.0	.00	.00	.00
MAR.												
12...	7.2	140	41	8.0	.00	0	0	.00	.0	.00	.00	.00
22...	4.8	30	<5	9.6	.00	3	0	.00	.0	.00	.00	.00
APR.												
05...	2.4	33	<5	12	.00	0	2	.00	.0	.00	.00	.00
19...	2.6	<5	<5	9.5	.00	1	0	.00	.0	.00	.00	.00
MAY												
05...	3.1	<5	<5	8.2	.00	1	0	.00	.0	.00	.00	.00
18...	1.6	20	<5	12	.00	0	0	.00	.0	.00	.00	.00
JUNE												
02...	.5	20	<5	5.3	.00	0	0	.00	.0	.00	.00	.00
14...	1.5	20	<5	9.2	.00	2	--	.00	.0	.00	.00	.00
AUG.												
20...	--	420	12	6.8	.00	11	0	.00	.0	.00	.00	.00
SEP.												
03...	2.6	--	<5	4.0	.00	4	0	.00	.0	.00	.00	.00

302150090102000 LAKE PONTCHARTRAIN AT MOUTH OF TCHOFUNCTA RIVER, NEAR MADISONVILLE, LA (CE 85614)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
22...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
04...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
16...	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
05...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
14...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
28...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
13...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
26...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
12...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
22...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JUNE												
02...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
14...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.												
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
06...	.00	0	.00	--	--	--	2	1	0	0	<10	0
22...	.00	0	.00	--	--	--	1	1	0	0	<10	0
NOV.												
04...	.00	0	.00	--	--	--	1	1	1	0	<10	0
19...	.00	0	.00	--	--	--	2	1	0	0	<10	0
DEC.												
02...	.00	0	.00	--	--	--	1	1	0	0	<10	0
16...	.00	0	.00	--	--	--	1	0	--	0	--	0
JAN.												
05...	.00	0	.00	--	--	--	1	1	0	0	<10	0
14...	.00	0	.00	--	--	--	0	0	0	0	20	0
28...	.00	0	.00	--	--	--	1	0	0	0	20	0
FEB.												
13...	.00	0	.00	--	--	--	0	0	1	0	<10	0
26...	.00	0	.00	--	--	--	1	1	0	0	<10	0
MAR.												
12...	.00	0	.00	--	--	--	1	0	0	0	<10	0
22...	.00	0	.00	--	--	--	1	1	1	0	20	0
APR.												
05...	.00	0	.00	--	--	--	2	1	1	0	20	0
19...	.00	0	.00	--	--	--	1	1	0	0	10	0
MAY												
05...	.00	0	.00	--	--	--	1	0	0	0	<10	0
18...	.00	0	.00	--	--	--	1	1	0	0	10	0
JUNE												
02...	.00	0	.00	--	--	--	1	1	0	0	<10	0
14...	.00	0	.00	--	--	--	0	0	0	0	20	0
AUG.												
20...	.00	0	.00	.00	.14	.01	1	1	0	0	30	0
SEP.												
03...	.00	0	.00	.00	.00	.00	2	2	0	0	20	0

MISSISSIPPI RIVER DELTA

302150090102000 LAKE PONTCHARTRAIN AT MOUTH OF TCHOFUNCTA RIVER NEAR MADISONVILLE, LA (CE 85614)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDED MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
06...	--	--	3	0	.1	.1	.0	--	--	20	0
22...	--	--	0	0	.0	.0	.0	--	--	30	0
NOV.											
04...	--	--	0	0	.0	.0	.0	--	--	6	6
19...	--	--	2	0	.0	.0	.0	--	--	20	0
DEC.											
02...	--	--	0	0	.0	.0	.0	--	--	40	30
16...	--	--	--	0	.0	.0	.0	--	--	--	0
JAN.											
05...	6	3	0	0	.1	.1	.0	4	0	30	10
14...	1	0	0	0	.3	.3	.0	0	0	10	10
28...	4	1	16	0	.1	.1	.0	3	0	20	0
FEB.											
13...	3	3	0	0	.0	.0	.0	3	0	20	0
26...	2	2	0	0	.2	.2	.0	3	0	10	10
MAR.											
12...	6	6	0	0	.0	.0	.0	0	0	20	10
22...	0	0	0	0	.1	.0	.1	0	0	10	0
APR.											
05...	6	6	0	0	.0	.0	.0	0	0	20	0
19...	7	6	0	0	.0	.0	.0	0	0	30	0
MAY											
05...	2	2	0	0	.3	.1	.2	3	0	20	0
18...	0	--	0	0	--	--	.1	4	0	20	0
JUNE											
02...	3	3	0	0	.1	.1	.0	0	0	70	10
14...	3	3	4	0	.4	.2	.2	8	6	10	0
AUG.											
20...	2	2	4	1	.0	.0	.0	0	0	30	0
SEP.											
03...	2	2	1	1	.1	.0	.1	3	1	10	10

301500089572000 LAKE PONTCHARTRAIN AT MOUTH OF BAYOU LACOMBE, NEAR LACOMBE, LA (CE 05007)

LOCATION.--Lat 30°15'00", long 89°57'20", T.9 S., R.12 E., St. Tammany Parish, 4.3 mi (6.9 km) southwest of Lacombe.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974-76.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
06...	1335	30	22	46	34	0	110	720	.00	.01	.01	--
22...	1141	90	20	42	31	0	87	610	.01	.01	.02	--
NOV.												
04...	1425	10	26	74	37	0	160	1000	.02	.00	.02	--
19...	0902	30	34	75	40	0	160	1100	.02	.00	.02	--
DEC.												
02...	1601	10	31	72	35	0	160	980	.17	.00	.17	--
16...	1230	30	29	63	45	0	140	860	.04	.01	.05	--
JAN.												
05...	1125	20	29	67	42	0	140	1000	.05	.01	.06	.00
14...	1606	230	12	26	24	0	59	370	.15	.02	.17	.48
28...	1526	0	39	86	54	0	180	1300	.00	.01	.01	.49
FEB.												
13...	1523	--	--	--	--	--	--	--	--	--	--	--
26...	1443	10	30	69	43	0	140	1000	.10	.00	.10	.57
MAR.												
12...	1203	0	33	87	48	0	180	1300	.02	.00	.02	.57
22...	1552	0	33	99	46	0	220	1500	.01	.01	.02	.53
APR.												
05...	1340	0	39	73	48	0	230	1600	.00	.01	.01	.35
19...	1537	40	19	51	24	0	110	760	.03	.01	.04	.95
MAY												
05...	1527	10	22	57	24	0	120	890	.01	.01	.02	.49
18...	1611	110	24	57	28	0	130	910	.02	.01	.03	.65
JUNE												
02...	1623	110	20	47	28	0	100	730	.07	.01	.08	.09
14...	1200	10	21	46	71	0	100	710	.00	.00	.00	.57
AUG.												
20...	0830	0	36	96	37	0	200	1400	.01	.00	.01	.66
SEP.												
03...	0910	0	55	160	40	0	310	2300	.00	.01	.01	.65

301500089572000 LAKE PONTCHARTRAIN AT MOUTH OF BAYOU LACOMBE, NEAR LACOMBE, LA (CE 05007)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDED SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
06...	.06	14	--	240	210	2440	7.8	22.0	40	3	9.5	--
22...	.21	26	--	220	200	2200	7.3	21.0	45	5	7.9	--
NOV.												
04...	.07	9	--	370	340	3780	7.4	22.0	15	5	7.3	--
19...	2.5	0	--	390	360	3830	7.3	15.5	20	2	9.2	--
DEC.												
02...	.24	0	--	370	350	3630	7.3	13.5	20	4	10.6	--
16...	.04	2	--	330	290	3220	7.3	16.5	25	4	7.8	--
JAN.												
05...	2.3	13	<1.0	350	310	3520	7.3	8.0	50	20	10.0	33
14...	.06	24	<1.0	140	120	1370	6.9	12.0	80	10	9.0	55
28...	.06	6	<1.0	450	410	4540	7.5	10.0	15	10	9.2	10
FEB.												
13...	--	--	--	--	--	--	--	15.0	--	--	8.5	--
26...	.04	13	<1.0	360	320	3420	7.6	18.0	20	10	9.6	35
MAR.												
12...	.03	16	<1.0	440	400	4170	8.0	--	15	10	14.2	94
22...	.06	--	<1.0	490	450	4840	7.4	17.5	5	5	10.4	49
APR.												
05...	.04	3	<1.0	400	360	4880	7.6	21.5	20	2	9.2	190
19...	.03	58	<1.0	260	240	2560	7.4	24.5	30	15	8.3	27
MAY												
05...	.02	35	<1.0	290	270	2990	7.5	23.0	20	10	8.7	51
18...	.26	6	<1.0	290	270	3080	7.3	25.0	20	6	8.4	41
JUNE												
02...	.11	--	<1.0	240	220	2540	7.2	27.0	20	10	8.1	49
14...	.04	13	<1.0	240	180	2380	7.3	29.5	10	8	8.2	24
AUG.												
20...	.01	5	<1.0	490	450	4640	7.4	--	3	4	8.5	24
SEP.												
03...	.04	11	<1.0	800	770	7340	7.5	--	10	3	8.9	66

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
06...	1.9	820	53	23	.00	8	0	.00	.0	.00	.00	.00
22...	2.2	370	53	10	.00	1	0	.00	.0	.00	.00	.00
NOV.												
04...	2.4	280	83	8.2	.00	1	0	.00	.0	.00	.00	.00
19...	1.8	60	20	11	.00	2	3	.00	.0	.00	.00	.00
DEC.												
02...	2.2	--	57	6.4	.00	5	0	.00	.0	.00	.00	.00
16...	2.8	1600	240	9.0	.00	0	0	.00	.0	.00	.00	.00
JAN.												
05...	6.8	180	68	9.2	.00	1	1	.00	.0	.00	.00	.00
14...	3.6	--	170	14	.00	2	2	.00	.0	.00	.00	.00
28...	2.8	24	<5	6.6	.00	0	3	.00	.0	.00	.00	.00
FEB.												
13...	1.8	1500	380	--	--	--	0	.00	.0	.00	.00	.00
26...	1.6	190	67	7.2	.00	4	0	.00	.0	.00	.00	.00
MAR.												
12...	7.3	36	13	5.8	.00	0	0	.00	.0	.00	.00	.00
22...	3.0	20	<5	11	.00	3	0	.00	.0	.00	.00	.00
APR.												
05...	2.7	90	<5	5.2	.00	1	0	.00	.0	.00	.00	.00
19...	2.3	100	40	10	.00	0	0	.00	.0	.00	.00	.00
MAY												
05...	1.6	140	37	11	.00	0	0	.00	.0	.00	.00	.00
18...	.9	<5	<5	8.3	.00	0	0	.00	.0	.00	.00	.00
JUNE												
02...	.8	180	<5	5.3	--	--	0	.00	.0	.00	.00	.00
14...	1.1	10	<5	7.6	.00	2	1	.00	.0	.00	.00	.00
AUG.												
20...	--	20	<5	3.6	.00	3	0	.00	.0	.00	.00	.00
SEP.												
03...	3.5	--	20	5.6	.00	7	0	.00	.0	.00	.00	.00

301500089572000 LAKE PONTCHARTRAIN AT MOUTH OF BAYOU LACOMBE, NEAR LACOMBE, LA (CE 05007)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
22...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
04...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
16...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
14...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
28...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
13...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
26...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
12...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
22...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.00	.00	.00	.00	.00	.00	.00	--	.00	.00	.00	.0
JUNE												
02...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
14...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.												
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
06...	.00	0	.00	--	--	--	1	0	1	0	20	0
22...	.00	0	.00	--	--	--	1	1	1	0	<10	0
NOV.												
04...	.00	0	.00	--	--	--	1	1	1	0	<10	0
19...	.00	0	.00	--	--	--	1	1	4	0	<10	0
DEC.												
02...	.00	0	.00	--	--	--	1	0	0	0	<10	0
16...	.00	0	.00	--	--	--	1	0	--	1	--	0
JAN.												
05...	.00	0	.00	--	--	--	1	1	0	0	<10	0
14...	.00	0	.00	--	--	--	1	0	1	0	<10	0
28...	.00	0	.00	--	--	--	1	1	1	1	<10	0
FEB.												
13...	.00	0	.00	--	--	--	--	--	--	--	--	--
26...	.00	0	.00	--	--	--	1	1	0	0	<10	0
MAR.												
12...	.00	0	.00	--	--	--	0	0	0	0	<10	0
22...	.00	0	.00	--	--	--	1	1	0	0	<10	0
APR.												
05...	.00	0	.00	--	--	--	0	0	1	1	<10	0
19...	.00	0	.00	--	--	--	1	0	0	0	<10	0
MAY												
05...	.00	0	.00	--	--	--	1	0	0	0	20	0
18...	.00	0	.00	--	--	--	1	1	0	0	60	0
JUNE												
02...	.00	0	.00	--	--	--	1	1	1	0	20	0
14...	.00	0	.00	--	--	--	1	1	0	0	20	0
AUG.												
20...	.00	0	.00	.00	.00	.00	1	1	0	0	20	0
SEP.												
03...	.00	0	.00	.02	.00	.00	2	2	0	0	10	0

301500089572000 LAKE PONTCHARTRAIN AT MOUTH OF BAYOU LACOMBE, LA (CE 05007)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDED MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
06...	--	--	2	0	.0	.0	.0	--	--	30	0
22...	--	--	0	0	.0	.0	.0	--	--	20	0
NOV.											
04...	--	--	0	0	.0	.0	.0	--	--	10	10
19...	--	--	2	0	.0	.0	.0	--	--	20	2
DEC.											
02...	--	--	0	0	.0	.0	.0	--	--	30	10
16...	--	--	--	0	.0	.0	.0	--	--	--	10
JAN.											
05...	5	5	0	0	.1	.1	.0	3	0	20	0
14...	2	2	0	0	.0	.0	.0	3	0	10	0
28...	3	1	7	0	.1	.1	.0	3	0	20	10
FEB.											
26...	2	2	0	0	.1	.0	.1	3	0	10	0
MAR.											
12...	3	3	0	0	.0	.0	.0	1	0	20	0
22...	1	1	0	0	.1	.0	.1	3	0	10	10
APR.											
05...	2	2	0	0	.0	.0	.0	3	0	10	0
19...	4	4	0	0	.0	.0	.0	0	0	10	0
MAY											
05...	3	3	0	0	.1	.0	.1	0	0	10	0
18...	3	3	0	0	.0	.0	.0	3	0	20	0
JUNE											
02...	8	7	6	0	.2	.0	.2	22	0	60	10
14...	4	4	6	0	--	--	.2	7	0	20	20
AUG.											
20...	2	2	1	0	.0	.0	.0	2	0	10	10
SEP.											
03...	3	3	1	0	.1	.0	.1	6	1	10	10

301300089493000 LAKE PONTCHARTRAIN AT NORTH SHORE, NEAR SLIDELL, LA (CE 85683)

LOCATION.--Lat 30°13'00", long 89°49'30", T.9 S., R.14 E., St. Tammany Parish, 3.1 mi (5.0 km) southwest of Slidell.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water year 1975.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 7,500 mg/L Aug. 30, 1976; minimum, 260 mg/L Aug. 9, 12, 13, 1975.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 7,500 mg/L Aug. 30; minimum, 360 mg/L Feb. 7.

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1200	940	1100	1600	1400	1200	1100	1300	1200	1400	1300	4200
2	980	1100	1100	2200	1200	1100	1200	1400	1200	1300	1300	3700
3	920	1800	1100	2000	1200	1100	1200	1300	1100	1200	1500	3700
4	1000	1600	1100	1500	1300	1000	1300	1400	1100	1400	3600	3300
5	950	1400	1100	1400	1300	1000	1300	1400	1700	1200	2300	3300
6	1000	1400	1100	1400	1000	1100	1300	1400	1700	1200	2300	5100
7	1000	1400	1200	---	360	1300	1200	1200	1300	1400	3700	5100
8	920	1400	1000	---	480	1200	1300	1200	1300	1500	2600	3900
9	920	1400	1100	1200	400	1300	1000	1400	1200	1400	2700	3800
10	910	1200	1000	1200	660	1200	1000	1300	1200	1500	3400	4100
11	940	---	990	1200	860	1200	1000	1300	1200	1500	3300	3600
12	1900	1200	1000	2000	1000	1300	1000	1200	1200	1600	3000	4000
13	950	800	1100	880	1000	1300	1200	1300	1100	1600	2700	---
14	900	900	1000	1300	1200	1400	1200	1300	1100	1700	2700	---
15	2200	1200	1300	1300	1200	1500	460	1400	1200	1500	2700	6700
16	2400	1200	1300	1400	1000	1400	450	1200	1100	1200	2800	5100
17	720	1000	1300	1400	940	1300	1200	1300	1100	1300	2500	4100
18	960	1100	1100	1300	900	1400	1200	1300	1100	1300	3700	4100
19	1000	1200	1100	1400	1100	1500	760	1300	1100	1300	7400	4300
20	950	1200	1000	1100	1000	1400	1100	1500	1100	1300	3800	4300
21	1000	1100	1100	1600	1000	1300	1100	1400	1100	1100	3700	4300
22	1000	1100	1100	1200	960	1300	1200	1200	1100	1200	3500	4600
23	1300	1100	1100	1300	840	1300	1200	1300	1100	1900	3100	5600
24	1300	1100	1200	1400	840	1800	1200	1200	1300	1900	3100	5600
25	1400	1100	1100	1400	1000	660	1200	1300	1300	1500	3000	5600
26	1200	1000	1100	1100	1100	1100	1300	1300	1300	1500	4700	5300
27	1200	1100	1100	1300	1200	1200	1300	1100	1300	1500	4800	5400
28	1300	1000	1100	1300	1500	1100	1400	1200	1400	1600	2600	4200
29	1300	800	1900	1400	960	1100	1400	1300	1300	1400	3800	4200
30	950	1200	1900	1400	---	1100	1300	840	1400	1300	7500	4200
31	1000	---	1600	1400	---	1100	---	1200	---	1400	3800	---

MISSISSIPPI RIVER DELTA

301002089441300 RIGOLETS NEAR LAKE PONTCHARTRAIN, NEAR SLIDELL, LA (CE 85700)

LOCATION.--Lat 30°10'02", long 89°44'13", T.10 S., R.15 E., Orleans Parish, at U.S. Highway 90, 6.4 mi (10.3 km) southeast of Slidell.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water year 1975.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 10,000 mg/L Sept. 14, 1976; minimum, 180 mg/L May 30, 1975.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 10,000 mg/L Sept. 14; minimum, 350 mg/L Apr. 5.

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1400	2600	1700	2000	1400	1100	590	1500	1100	1300	2100	7300
2	1200	2700	1700	2000	1400	1300	580	1500	1000	1400	2100	6800
3	1300	2600	1600	1900	1200	1300	590	1700	1200	1200	4100	5500
4	1300	2700	1600	1500	1200	1600	590	1700	1000	1300	5200	7100
5	1300	2100	1500	1500	1600	1800	350	1700	4000	1200	5700	7300
6	1200	2100	1600	1500	1000	1700	360	---	4200	1200	3400	7200
7	1300	2200	1300	750	1100	1700	360	1700	2400	1400	3400	7300
8	1300	2200	1300	1800	1200	1600	360	1700	2300	1300	3000	7700
9	1300	1800	1400	1000	1000	1500	1100	---	1200	1400	4800	4800
10	1300	1800	1300	940	1000	1600	1100	1700	1200	1300	5000	4600
11	1300	1800	2000	1100	1100	1900	1100	1800	1200	1500	5300	---
12	1300	1400	2000	920	1300	2000	1200	1800	1000	1500	5300	8400
13	1300	1300	2100	1300	1500	1900	1100	1700	1000	1500	4800	8400
14	1300	1400	2000	1300	1500	1500	1300	1700	1200	1400	4800	10000
15	4700	1200	2900	1300	1800	2000	1300	1800	1600	1200	4200	5400
16	5000	1200	1200	600	1700	910	1300	1700	1400	1300	4300	5400
17	4600	1200	1200	1200	1300	1100	1300	1600	1400	1800	8200	4900
18	1900	1200	1200	1300	1400	1400	1500	1500	1600	1900	8300	4800
19	1800	1300	1200	1500	1200	1300	1500	1300	1400	1900	5200	4900
20	1700	1300	1200	1000	1300	1300	1400	1600	1200	1900	5200	4800
21	1400	1300	1200	1000	1400	800	1500	1600	1300	2200	5200	4700
22	1800	1200	1100	1300	1300	700	1500	1600	1200	2400	3600	7400
23	2200	1100	1200	1300	1300	700	1500	1500	1400	2300	2800	7400
24	1500	1400	1500	3700	1300	700	1400	1700	1600	3000	2700	7800
25	2000	1200	1500	3700	1300	800	1400	1200	1900	3000	2800	7500
26	1500	1300	1500	3800	1300	600	1400	1000	1900	3400	4800	7500
27	1500	1200	5100	2400	1100	700	1400	950	1600	3300	7000	7400
28	1300	2100	5200	1300	1200	600	1500	1200	1700	3200	6600	6000
29	1200	2100	5100	1400	1100	600	1500	1200	1800	3200	6600	4000
30	1300	2100	5300	1400	---	610	1500	1100	1300	3400	7300	4000
31	1200	---	2000	1400	---	600	---	1200	---	2300	6100	---

301116090073300 LAKE PONTCHARTRAIN AT GNO EXPRESSWAY BRIDGE, NEAR NEW ORLEANS, LA (CE 85600)

LOCATION.--Lat 30°11'16", long 90°07'33", T.10 S., R.10 E., Jefferson Parish, 12.5 mi (20.1 km) north of New Orleans.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974-76.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
06...	1326	0	28	57	43	0	130	870	.06	.00	.06	--
22...	0802	20	27	51	39	0	110	740	.11	.00	.11	--
NOV.												
04...	1408	0	34	86	43	0	180	1200	.01	.00	.01	--
19...	0850	10	40	91	48	0	190	1300	.00	.01	.00	--
DEC.												
02...	1550	0	34	66	49	0	140	910	.10	.01	.11	--
16...	1204	0	36	80	49	0	170	1100	.03	.01	.04	--
JAN.												
05...	1109	50	36	77	52	0	160	1100	.04	.01	.05	.25
14...	1555	30	41	92	58	0	200	1400	.10	.01	.11	.34
28...	1540	10	41	91	59	0	190	1300	.00	.01	.01	.70
FEB.												
13...	1511	0	34	71	52	0	150	1000	2.5	.01	2.5	.40
26...	1430	0	37	82	58	0	170	1300	.06	.00	.06	.46
MAR.												
12...	1150	10	35	78	52	0	160	1200	.06	.00	.06	.60
22...	1538	10	36	75	55	0	160	1100	.10	.00	.10	.73
APR.												
05...	1328	10	36	67	54	0	170	1300	.00	.00	.00	.36
19...	1525	10	32	64	56	0	130	970	.00	.01	.01	.93
MAY												
05...	1524	0	40	93	50	0	220	1500	.00	.01	.01	.43
18...	1604	40	33	90	53	0	200	1400	.00	.01	.01	.49
JUNE												
02...	1635	0	30	64	43	0	130	990	.00	.01	.01	.49
14...	1100	0	38	88	49	0	210	1400	.01	.00	.01	.60
SEP.												
03...	0925	0	72	210	48	0	400	3000	.10	.00	.10	.58

301116090073300 LAKE PONTCHARTRAIN AT GNO EXPRESSWAY BRIDGE, NEAR NEW ORLEANS, LA (CE 85600)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDE D SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICHO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
06...	1.2	19	--	300	270	2980	7.7	21.5	15	8	8.3	--
22...	.13	13	--	280	250	2540	7.6	21.0	55	15	8.9	--
NOV.												
04...	.08	16	--	440	400	4340	7.7	21.5	20	4	8.3	--
19...	.05	3	--	470	430	4550	7.3	16.5	5	8	9.8	--
DEC.												
02...	2.5	1	--	360	320	3420	7.6	13.0	15	15	9.9	--
16...	.07	20	--	420	380	4020	7.4	14.5	15	10	9.3	--
JAN.												
05...	1.0	116	<1.0	410	370	3870	7.5	7.5	10	60	10.7	38
14...	.08	17	<1.0	480	430	4560	7.5	10.0	10	20	10.6	76
28...	.11	53	<1.0	480	430	4510	7.7	10.5	10	25	9.6	40
FEB.												
13...	.05	5	<1.0	380	340	3700	7.6	14.5	15	5	11.6	54
26...	.05	17	<1.0	430	380	4130	7.8	16.0	10	10	9.9	35
MAR.												
12...	.06	29	<1.0	410	370	3730	7.5	--	15	25	13.6	72
22...	.07	53	<1.0	400	360	3820	7.5	17.5	5	30	10.4	44
APR.												
05...	.01	7	<1.0	370	320	4130	7.7	20.0	15	6	9.2	52
19...	.04	36	<1.0	340	290	3220	8.1	23.0	5	15	8.9	20
MAY												
05...	.02	31	<1.0	480	440	4760	7.9	23.5	10	9	8.5	51
18...	.01	16	<1.0	450	410	4750	7.5	23.5	5	10	8.5	52
JUNE												
02...	.04	19	<1.0	340	300	3330	7.6	26.0	15	8	8.8	46
14...	.02	11	<1.0	460	420	4420	7.7	27.5	5	6	8.2	53
SEP.												
03...	.02	11	<1.0	1000	960	9430	7.7	--	5	2	8.9	53

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDO (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
06...	.7	<5	<5	11	.00	5	0	.00	.0	.00	.00	.00
22...	2.7	460	12	7.2	.00	0	0	.00	.0	.00	.00	.00
NOV.												
04...	1.7	<5	<5	9.4	.00	0	0	.00	.0	.00	.00	.00
19...	1.8	<5	<5	9.8	.00	0	3	.00	.0	.00	.00	.00
DEC.												
02...	1.6	<5	<5	5.8	.00	3	0	.00	.0	.00	.00	.00
16...	6.6	<5	<5	5.6	.00	0	0	.00	.0	.00	.00	.00
JAN.												
05...	7.1	8	<5	7.2	.00	0	0	.00	.0	.00	.00	.00
14...	5.9	<5	<5	6.8	.00	0	0	.00	.0	.00	.00	.00
28...	1.4	4	<5	6.6	.00	0	0	.00	.0	.00	.00	.00
FEB.												
13...	2.4	<10	<5	6.0	.00	2	0	.00	.0	.00	.00	.00
26...	1.2	<5	<5	5.2	.00	1	0	.00	.0	.00	.00	.00
MAR.												
12...	7.7	18	<5	5.4	.00	0	6	.00	.0	.00	.00	.00
22...	2.7	12	<5	11	.00	3	0	.00	.0	.00	.00	.00
APR.												
05...	2.4	<5	<5	5.9	.00	0	1	.00	.0	.00	.00	.00
19...	1.3	--	<5	7.4	.00	2	0	.00	.0	.00	.00	.00
MAY												
05...	2.2	33	<5	8.2	.00	0	0	.00	.0	.00	.00	.00
18...	1.2	<10	0	9.7	.00	0	0	.00	.0	.00	.00	.00
JUNE												
02...	1.5	<5	<5	4.7	.00	0	0	.00	.0	.00	.00	.00
14...	1.3	<5	<5	7.0	.01	2	0	.00	.0	.00	.00	.00
SEP.												
03...	2.7	--	<5	3.6	.00	6	0	.00	.0	.00	.00	.00

301116090073300 LAKE PONTCHARTRAIN AT GNO EXPRESSWAY BRIDGE, NEAR NEW ORLEANS, LA (CE 85600)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
22...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
04...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
16...	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
05...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
14...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
28...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
13...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
26...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
12...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
22...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JUNE												
02...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
14...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
06...	.00	0	.00	--	--	--	1	1	0	0	<10	0
22...	.00	0	.00	--	--	--	1	1	0	0	<10	0
NOV.												
04...	.00	0	.00	--	--	--	1	1	1	0	<10	0
19...	.00	0	.00	--	--	--	1	1	0	0	<10	0
DEC.												
02...	.00	0	.00	--	--	--	1	1	0	0	<10	0
16...	.00	0	.00	--	--	--	1	1	--	6	--	0
JAN.												
05...	.00	0	.00	--	--	--	2	1	0	0	<10	0
14...	.00	0	.00	--	--	--	1	1	2	0	<10	0
28...	.00	0	.00	--	--	--	1	0	0	0	<10	0
FEB.												
13...	.00	0	.00	--	--	--	1	1	0	0	<10	0
26...	.00	0	.00	--	--	--	1	1	1	1	<10	0
MAR.												
12...	.00	0	.00	--	--	--	1	0	0	0	<10	0
22...	.00	0	.00	--	--	--	2	2	1	0	20	0
APR.												
05...	.00	0	.00	--	--	--	1	0	0	0	<10	0
19...	.00	0	.00	--	--	--	1	1	1	0	<10	0
MAY												
05...	.00	0	.00	--	--	--	0	0	1	0	20	0
18...	.00	0	.00	--	--	--	2	1	1	0	10	0
JUNE												
02...	.00	0	.00	--	--	--	2	1	0	0	10	0
14...	.00	0	.00	--	--	--	1	1	0	0	10	0
SEP.												
03...	.00	0	.00	.02	.00	.00	2	2	1	0	10	0

MISSISSIPPI RIVER DELTA

301116090073300 LAKE PONTCHARTRAIN AT GNO EXPRESSWAY BRIDGE, NEAR NEW ORLEANS, LA (CE 85600)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDE D MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
06...	--	--	1	0	.0	.0	.0	--	--	30	0
22...	--	--	0	0	.0	.0	.0	--	--	40	0
NOV.											
04...	--	--	0	0	.0	.0	.0	--	--	10	10
19...	--	--	0	0	.0	.0	.0	--	--	40	20
DEC.											
02...	--	--	0	0	.0	.0	.0	--	--	40	8
16...	--	--	--	0	.2	.2	.0	--	--	--	0
JAN.											
05...	6	6	2	0	.0	.0	.0	7	0	30	10
14...	12	3	0	0	.4	.3	.1	5	0	100	0
28...	2	1	0	0	.0	.0	.0	5	0	10	10
FEB.											
13...	2	2	0	0	.0	.0	.0	0	0	40	0
26...	2	2	0	0	.2	.1	.1	3	0	10	0
MAR.											
12...	3	3	0	0	.0	.0	.0	2	0	10	0
22...	1	1	0	0	.1	.0	.1	5	5	10	0
APR.											
05...	2	2	0	0	.0	.0	.0	0	0	20	0
19...	3	3	3	0	.0	.0	.0	1	0	10	0
MAY											
05...	6	6	0	0	.1	.0	.1	3	0	10	10
18...	3	3	0	0	.0	.0	.0	2	0	10	10
JUNE											
02...	3	3	0	0	.1	.1	.0	0	0	70	10
14...	6	6	5	0	.3	.0	.3	4	0	20	0
SEP.											
03...	2	2	0	0	.1	.1	.0	5	0	110	10

300434089564000 LAKE PONTCHARTRAIN AT LITTLE WOODS, AT NEW ORLEANS, LA (CE 85650)

LOCATION.--Lat 30°04'34", long 89°56'40", T.11 S., R.12 E., Orleans Parish, at intersection of Paris Road and Haynes Boulevard, at New Orleans.

DRAINAGE AREA.--Indeterminate.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 3,900 mg/L Sept. 19, 1976; minimum, 390 mg/L Apr. 29, 1975.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 3,900 mg/L Sept. 19; minimum, 1,100 mg/L Nov. 17, 18, 24-26, Dec. 11, Feb. 6.

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1800	1500	1200	1400	1200	1800	1800	1900	1700	1400	---	3100
2	1800	1800	1300	1600	1300	---	---	1900	1900	1500	---	3200
3	1800	2000	1200	1500	---	1800	---	---	2000	1600	1900	3100
4	1700	---	1300	1600	---	1800	---	---	1800	1400	1900	3200
5	1600	1200	1400	1600	1400	---	1600	---	2100	1400	2300	3200
6	1600	1700	1300	1600	1100	1600	1500	1900	2200	1500	2300	3300
7	1800	1500	1300	1500	---	1200	1500	1800	2300	1400	2500	3200
8	1500	1200	1400	1700	---	1600	1500	1800	---	1400	2300	3200
9	1600	1500	1200	---	---	1700	1500	1700	2300	1300	2100	3500
10	1600	1900	1200	---	---	---	1600	1900	2200	1400	2300	3300
11	1600	1400	1100	1700	---	---	1500	1700	2000	1300	2300	3400
12	1600	1400	1200	1600	---	1800	1600	1800	1800	1400	2600	3500
13	1700	1400	1200	1500	---	---	1600	1900	1800	1500	2600	3400
14	1700	---	1200	1400	1400	---	1600	1800	1800	1500	2400	3600
15	1900	---	1400	1500	1400	1800	1500	1700	1600	---	2400	3600
16	1600	---	1400	1200	1600	1300	1700	1900	1500	---	2400	3800
17	2900	1100	1300	---	1600	---	3000	1700	1500	---	2700	3800
18	2100	1100	1200	---	1800	---	---	1400	1500	---	2300	3800
19	2100	1200	1200	---	---	1800	2300	---	---	---	2200	3900
20	2000	1200	---	1300	---	1700	2200	1400	1400	1300	2200	3300
21	1900	---	---	1300	---	1800	1900	1400	1500	1400	2500	3400
22	1900	---	---	---	1800	1700	1900	1300	1200	1600	2900	3400
23	2000	---	1300	---	---	1800	1800	1600	1200	---	2900	3400
24	1900	1100	1300	1200	---	1700	1700	1400	1300	---	3000	3500
25	2000	1100	1800	1200	---	---	1900	1500	1200	1500	2600	3400
26	1600	1100	1300	1200	---	---	1700	1500	1300	1700	2800	3700
27	1800	1200	---	1300	---	---	1600	1700	1600	1600	2800	3200
28	1300	1200	1800	1200	1700	---	1600	1600	1600	1800	3100	3700
29	1300	1400	1700	---	1700	1800	1600	1800	1400	1900	---	3800
30	1400	1300	1400	---	---	1600	1800	---	1500	1800	---	3800
31	1600	---	1200	1300	---	1800	---	1700	---	---	3100	---

MISSISSIPPI RIVER DELTA

300205090015500 LAKE PONTCHARTRAIN (IHN CANAL) AT NEW ORLEANS, LA (CE 76062)

LOCATION.--Lat 30°02'05", long 90°01'55", T.12 S., R.12 E., Orleans Parish, at New Orleans.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974-76.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
06...	1314	10	53	130	54	0	260	1800	.07	.00	.07	--
22...	0813	10	29	100	51	0	200	1400	.00	.01	.01	--
NOV.												
04...	1327	0	38	82	49	0	250	1100	.09	.00	.09	--
19...	0757	40	68	170	66	0	340	2300	.05	.01	.06	--
DEC.												
02...	1501	0	42	86	53	0	180	1200	.75	.01	.76	--
16...	1210	10	40	87	56	0	180	1200	.08	.01	.09	--
JAN.												
05...	0947	10	38	73	56	0	160	1100	.18	.01	.19	.40
14...	1515	10	30	53	56	0	110	770	.24	.02	.26	.65
28...	1555	20	34	69	56	0	140	990	.16	.01	.17	.93
FEB.												
13...	1508	10	34	67	53	0	140	980	.15	.01	.16	.36
26...	1414	0	44	110	60	0	230	1600	.06	.01	.07	.46
MAR.												
12...	1135	0	38	85	55	0	190	1300	.06	.00	.06	.32
22...	1523	10	55	130	61	0	280	2000	.13	.01	.14	.55
APR.												
05...	1315	10	39	93	57	0	220	1500	.01	.00	.01	.27
19...	1440	0	49	120	61	0	250	2000	.03	.01	.04	.93
MAY												
05...	1432	10	53	130	61	0	290	2100	.04	.01	.05	.29
18...	1550	20	48	12	52	0	260	2000	.00	.01	.01	.34
JUNE												
01...	1719	0	59	160	52	0	330	2500	.01	.00	.01	.70
14...	1000	10	73	210	56	0	450	3200	.05	.01	.06	.56
AUG.												
20...	0800	10	83	240	56	0	500	3700	.03	.00	.03	.50
SEP.												
03...	0835	10	92	260	55	0	530	4000	.01	.01	.02	.45

300205090015500 LAKE PONTCHARTRAIN (IHN CANAL) AT NEW ORLEANS, LA (CE 76062)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PEN- DED SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
06...	2.7	22	--	670	630	6420	7.7	21.5	5	2	8.2	--
22...	.09	20	--	480	440	4890	8.2	21.5	15	5	9.0	--
NOV.												
04...	.10	17	--	430	390	4040	7.7	20.5	5	9	8.0	--
19...	.09	5	--	870	820	7840	7.3	15.5	20	8	9.0	--
DEC.												
02...	.60	0	--	460	420	4290	7.5	13.5	20	15	10.0	--
16...	.09	13	--	460	410	4190	7.6	15.5	25	7	9.0	--
JAN.												
05...	.30	72	<1.0	400	350	3770	7.7	8.0	15	40	9.9	34
14...	.10	32	<1.0	290	250	2740	7.4	9.5	15	15	10.4	43
28...	.22	73	<1.0	370	320	3480	7.5	10.5	10	40	8.7	65
FEB.												
13...	.09	28	<1.0	360	320	3520	7.6	15.0	20	5	11.5	29
26...	.04	16	<1.0	560	510	5110	7.8	17.5	15	10	10.4	40
MAR.												
12...	.05	20	<1.0	440	400	4340	7.6	--	20	10	13.6	86
22...	.22	34	<1.0	670	620	6240	7.6	18.0	5	10	10.6	64
APR.												
05...	.07	13	<1.0	480	430	4910	7.9	20.5	10	6	9.4	86
19...	.04	31	<1.0	620	570	5780	8.1	23.5	10	5	8.3	44
MAY												
05...	.02	26	<1.0	670	620	6540	8.0	24.0	15	6	8.4	81
18...	.00	11	<1.0	170	130	6310	7.4	24.0	10	6	8.3	49
JUNE												
01...	.03	13	<1.0	810	760	7580	7.6	26.5	20	3	8.2	84
14...	.07	12	<1.0	1000	1000	9720	7.4	28.0	5	4	6.0	110
AUG.												
20...	.05	14	<1.0	1200	1200	11100	7.6	--	3	2	8.4	82
SEP.												
03...	.06	19	<1.0	1300	1300	12000	7.9	--	5	2	10.4	110

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
06...	1.0	150	<5	11	.00	3	0	.00	.0	.00	.00	.00
22...	3.7	75	<5	16	.00	0	0	.00	.0	.00	.00	.00
NOV.												
04...	1.6	75	<5	8.2	.00	0	0	.00	.0	.00	.00	.00
19...	2.1	220	23	10	.00	2	0	.00	.0	.00	.00	.00
DEC.												
02...	1.8	750	28	3.6	.00	1	0	.00	.0	.00	.00	.00
16...	2.8	390	13	6.4	.00	0	0	.00	.0	.00	.00	.00
JAN.												
05...	5.9	3400	93	6.2	.00	0	0	.00	.0	.00	.00	.00
14...	6.4	400	90	8.4	.00	1	3	.00	.0	.00	.00	.00
28...	.5	5800	20	6.6	.00	6	1	.00	.0	.00	.00	.00
FEB.												
13...	2.9	5800	110	6.0	.00	1	0	.00	.0	.00	.00	.00
26...	1.6	240	8	4.8	.00	1	0	.00	.0	.00	.00	.00
MAR.												
12...	10	2100	20	3.6	.00	0	0	.00	.0	.00	.00	.00
22...	3.3	100	<5	9.8	.00	3	0	.00	.0	.00	.00	.00
APR.												
05...	3.1	<5	<5	5.0	.00	0	1	.00	.0	.00	.00	.00
19...	3.3	240	8	7.8	.00	0	0	.00	.0	.00	.00	.00
MAY												
05...	2.5	40	<5	5.2	.00	0	0	.00	.0	.00	.00	.00
18...	1.4	100	<20	15	.00	1	0	.00	.0	.00	.00	.00
JUNE												
01...	2.5	340	<5	5.1	.00	0	0	.00	.0	.00	.00	.00
14...	2.9	150	12	--	.00	2	2	.00	.0	.00	.00	.00
AUG.												
20...	--	40	8	4.0	.00	13	0	.00	.0	.00	.00	.00
SEP.												
03...	4.0	--	<5	5.2	.00	12	0	.00	.0	.00	.00	.00

300205090015500 LAKE PONTCHARTRAIN (IHN CANAL) AT NEW ORLEANS, LA (CE 76062)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
22...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
04...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
16...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
05...	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
14...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
28...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
13...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
26...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
12...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
22...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JUNE												
01...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
14...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.												
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
06...	.00	0	.00	--	--	--	1	1	0	0	<10	0
22...	.00	0	.00	--	--	--	1	1	1	0	11	0
NOV.												
04...	.00	0	.00	--	--	--	1	0	0	0	<10	0
19...	.00	0	.00	--	--	--	1	1	0	0	<10	0
DEC.												
02...	.00	0	.00	--	--	--	1	1	0	0	<10	0
16...	.00	0	.00	--	--	--	1	1	--	0	--	0
JAN.												
05...	.00	0	.00	--	--	--	2	1	0	0	10	0
14...	.00	0	.00	--	--	--	1	1	5	0	<10	0
28...	.00	0	.00	--	--	--	1	0	0	0	10	0
FEB.												
13...	.00	0	.00	--	--	--	1	1	1	0	<10	0
26...	.00	0	.00	--	--	--	1	1	0	0	<10	0
MAR.												
12...	.00	0	.00	--	--	--	1	1	0	0	<10	0
22...	.00	0	.00	--	--	--	1	1	0	0	20	0
APR.												
05...	.00	0	.00	--	--	--	1	1	1	0	20	0
19...	.00	0	.00	--	--	--	1	1	3	0	<10	0
MAY												
05...	.00	0	.00	--	--	--	1	0	3	0	<10	0
18...	.00	0	.00	--	--	--	1	1	0	0	10	0
JUNE												
01...	.00	0	.00	--	--	--	1	1	4	1	10	0
14...	.00	0	.00	--	--	--	1	1	--	1	--	0
AUG.												
20...	.00	0	.00	.00	.00	.00	1	1	0	0	10	0
SEP.												
03...	.00	0	.00	.01	.00	.00	1	1	0	0	10	0

300205090015500 LAKE PONTCHARTRAIN (IHN CANAL), AT NEW ORLEANS, LA (CE 76062)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDE MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
06...	--	--	0	0	.0	.0	.0	--	--	20	0
22...	--	--	3	2	.0	.0	.0	--	--	20	5
NOV.											
04...	--	--	0	0	.6	.3	.3	--	--	10	10
19...	--	--	0	0	.1	.1	.0	--	--	30	10
DEC.											
02...	--	--	0	0	.0	.0	.0	--	--	30	20
16...	--	--	--	0	.0	.0	.0	--	--	--	0
JAN.											
05...	4	3	3	0	.1	.1	.0	10	0	20	0
14...	5	3	7	0	.7	.5	.2	3	0	100	10
28...	3	2	3	0	.0	.0	.0	6	0	10	10
FEB.											
13...	3	3	0	0	.0	.0	.0	6	0	30	0
26...	2	2	0	0	.2	.2	.0	3	0	30	0
MAR.											
12...	3	3	0	0	.0	.0	.0	0	0	20	0
22...	1	1	0	0	.2	.1	.1	2	0	10	0
APR.											
05...	3	3	0	0	.0	.0	.0	0	0	20	0
19...	5	4	4	0	.0	.0	.0	9	0	30	0
MAY											
05...	5	2	3	0	.0	.0	.0	9	0	10	10
18...	3	3	0	0	.0	.0	.0	0	0	40	0
JUNE											
01...	7	5	22	0	.1	.0	.1	3	0	80	10
14...	--	6	--	0	.3	.2	.1	--	6	--	0
AUG.											
20...	3	3	0	0	.0	.0	.0	2	1	20	20
SEP.											
03...	3	3	2	2	.0	.0	.0	3	0	20	20

300024089560500 INTRACOASTAL WATERWAY AT NOPSI PLANT NEAR PARIS ROAD, AT NEW ORLEANS, LA (CE 76042)

LOCATION.--Lat 30°00'24", long 89°56'05", T.12 S., R.13 E., Orleans Parish, at new Orleans.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974-76.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
06...	1308	380	28	190	74	0	500	3600	.05	.03	.08	--
22...	0819	50	54	210	75	0	570	4100	.10	.01	.11	--
NOV.												
04...	1322	10	57	160	59	0	310	2100	.08	.00	.08	--
19...	0806	0	30	36	58	0	82	540	.44	.01	.45	--
DEC.												
02...	1450	0	83	230	71	0	480	3500	.73	.01	.74	--
17...	1030	60	130	310	65	0	670	5300	.72	.02	.74	--
JAN.												
05...	1002	20	87	210	72	0	390	3000	.07	.00	.07	.32
14...	1525	20	85	220	76	0	480	3400	.20	.01	.21	.47
29...	1100	10	120	320	83	0	660	4900	.22	.01	.23	1.3
FEB.												
13...	1450	30	150	420	98	0	870	6200	.14	.01	.15	.50
26...	1405	10	130	370	92	0	710	5200	.01	.00	.01	.63
MAR.												
10...	1021	30	74	190	69	0	410	2900	.08	.00	.08	.62
22...	1233	10	11	280	81	0	590	4400	.17	.01	.18	.57
APR.												
05...	1033	30	75	220	76	0	480	3300	.09	.01	.10	.38
19...	1204	50	77	200	72	0	460	3200	.05	.01	.06	.91
MAY												
05...	1424	0	110	320	80	0	660	5400	.06	.01	.07	.71
18...	1150	30	96	270	72	0	560	4100	.11	.02	.13	.44
JUNE												
01...	1711	40	95	310	74	0	590	4900	.05	.01	.06	.64
14...	0800	10	86	250	73	0	530	4000	.00	.00	.00	.77
AUG.												
20...	0810	20	250	780	98	0	1600	11000	.01	.00	.01	.47
SEP.												
03...	0845	20	180	540	92	0	990	8000	.01	.06	.07	.44

300024089560500 INTRACOASTAL WATERWAY AT NPSI PLANT NEAR PARIS ROAD, AT NEW ORLEANS, LA (CE 76042)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDE D SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAP- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
06...	.90	27	--	850	790	11000	7.8	24.0	15	3	8.2	--
22...	.62	19	--	1000	940	12600	7.6	22.0	20	2	8.4	--
NOV.												
04...	.63	6	--	800	750	7240	7.6	20.5	10	6	7.8	--
19...	.13	32	--	220	170	1990	7.6	17.0	20	30	10.1	--
DEC.												
02...	2.7	28	--	1200	1100	11200	7.6	16.0	15	7	10.2	--
17...	.33	15	--	1600	1500	15100	7.8	16.5	10	4	7.9	--
JAN.												
05...	.07	11	<1.0	1100	1000	9620	7.6	8.5	15	5	10.0	130
14...	.12	11	--	1100	1000	10400	7.5	10.5	15	10	9.8	130
29...	.17	32	<1.0	1600	1500	14700	7.7	11.0	--	15	10.2	240
FEB.												
13...	.49	37	<1.0	2100	2000	19000	7.7	17.0	15	5	9.5	300
26...	.06	21	<1.0	1800	1700	16100	7.9	11.0	15	10	10.4	150
MAR.												
10...	.07	9	<1.0	970	910	9330	7.8	--	25	6	8.9	60
22...	.14	29	<1.0	1200	1100	12900	7.6	18.5	5	5	8.8	240
APR.												
05...	.10	11	<1.0	1100	1000	10400	7.9	19.5	10	5	8.5	120
19...	.04	35	<1.0	1000	940	9350	8.0	22.5	10	6	8.0	57
MAY												
05...	.05	35	<1.0	1600	1500	14700	7.9	24.0	15	6	8.8	140
18...	.05	17	<1.0	1400	1300	12400	7.5	23.0	10	5	6.8	98
JUNE												
01...	.09	11	<1.0	1500	1500	13700	7.6	27.5	30	6	7.9	160
14...	.06	18	<1.0	1200	1200	10400	7.6	28.0	20	7	6.8	140
AUG.												
20...	.11	43	<1.0	3800	3800	31300	7.6	--	1	4	9.0	470
SEP.												
03...	.11	15	<1.0	2700	2600	22500	7.7	--	5	3	8.6	110

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
06...	2.1	90	8	16	.00	9	0	.00	.0	.00	.00	.00
22...	3.7	230	20	8.0	.00	2	0	.00	.0	.00	.00	.00
NOV.												
04...	2.3	390	17	7.8	.00	0	0	.00	.0	.00	.00	.00
19...	1.9	600	17	8.2	.00	1	0	.00	.0	.00	.00	.00
DEC.												
02...	3.0	170	20	3.6	.00	1	0	.00	.0	.00	.00	.00
17...	5.7	4800	230	8.6	.00	0	0	.00	.0	.00	.00	.00
JAN.												
05...	8.5	610	28	5.4	.00	0	1	.00	.0	.00	.00	.00
14...	2.8	160	20	6.0	.00	4	0	.00	.0	.00	.00	.00
29...	3.5	2700	--	5.2	.00	7	2	.00	<.1	.00	.00	.00
FEB.												
13...	2.3	360	7	4.8	.00	0	0	.00	.0	.00	.00	.00
26...	3.0	410	24	5.4	.00	1	0	.00	.0	.00	.00	.00
MAR.												
10...	3.8	2200	7	3.8	.00	1	0	.00	.0	.00	.00	.00
22...	2.7	200	<5	11	.00	0	0	.00	.0	.00	.00	.00
APR.												
05...	3.8	270	<5	5.8	.00	0	0	.00	.0	.00	.00	.00
19...	.8	--	28	7.7	.00	0	0	.00	.0	.00	.00	.00
MAY												
05...	4.0	950	46	5.4	.00	1	0	.00	.0	.00	.00	.00
18...	4.1	--	--	6.5	.00	0	0	.00	.0	.00	.00	.00
JUNE												
01...	4.7	2400	<5	4.6	.00	0	0	.00	.0	.00	.00	.00
14...	1.2	440	8	4.6	.00	2	2	.00	.0	.00	.00	.00
AUG.												
20...	--	300	<5	3.6	.00	29	0	.00	.0	.00	.00	.00
SEP.												
03...	4.8	--	410	4.8	.00	2	0	.00	.0	.00	.00	.00

300024089560500 INTRACOASTAL WATERWAY AT NOPSI PLANT NEAR PARIS ROAD, AT NEW ORLEANS, LA (CE 76042)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
06...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
22...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
04...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
17...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
05...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
14...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
29...	.51	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
13...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
26...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
22...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JUNE												
01...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
14...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.												
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
06...	.00	0	.00	--	--	--	1	1	0	0	<10	0
22...	.00	0	.00	--	--	--	1	1	1	0	12	0
NOV.												
04...	.00	0	.00	--	--	--	1	0	0	0	<10	0
19...	.00	0	.00	--	--	--	2	1	1	0	<10	0
DEC.												
02...	.00	0	.00	--	--	--	1	1	0	0	<10	0
17...	.00	0	.00	--	--	--	1	1	27	2	30	0
JAN.												
05...	.00	0	.00	--	--	--	1	1	1	0	10	0
14...	.00	0	.00	--	--	--	1	1	0	0	<10	0
29...	.00	0	.00	--	--	--	1	1	1	1	30	0
FEB.												
13...	.00	0	.00	--	--	--	1	1	3	3	30	0
26...	.00	0	.00	--	--	--	1	1	0	0	<10	0
MAR.												
10...	.00	0	.00	--	--	--	1	1	2	0	<10	0
22...	.00	0	.00	--	--	--	1	1	0	0	20	0
APR.												
05...	.00	0	.00	--	--	--	1	0	0	0	20	0
19...	.00	0	.00	--	--	--	1	1	1	0	10	0
MAY												
05...	.00	0	.00	--	--	--	0	0	--	11	20	0
18...	.00	0	.00	--	--	--	1	1	3	0	10	0
JUNE												
01...	.00	0	.00	--	--	--	2	2	3	0	30	0
14...	.00	0	.00	--	--	--	1	1	2	2	10	0
AUG.												
20...	.00	0	.00	.00	.00	.00	2	1	0	0	10	0
SEP.												
03...	.00	0	.00	.01	.00	.00	2	2	0	0	20	0

300024089560500 INTRACOASTAL WATERWAY AT NOPSI PLANT NEAR PARIS ROAD, AT NEW ORLEANS, LA (CE 76042)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDE MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
06...	--	--	0	0	.0	.0	.0	--	--	30	4
22...	--	--	0	0	.0	.0	.0	--	--	60	10
NOV.											
04...	--	--	0	0	.7	.4	.3	--	--	20	0
19...	--	--	2	0	.1	.1	.0	--	--	30	30
DEC.											
02...	--	--	0	0	.0	.0	.0	--	--	20	0
17...	--	--	12	0	.0	.0	.0	--	--	70	0
JAN.											
05...	2	2	0	0	.0	.0	.0	6	0	20	10
14...	3	3	0	0	.3	.0	.3	3	0	100	0
29...	4	2	0	0	.1	.1	.0	0	0	30	20
FEB.											
13...	7	4	3	0	.0	.0	.0	10	2	40	20
26...	2	2	0	0	.2	.1	.1	3	0	40	10
MAR.											
10...	5	1	2	0	.0	.0	.0	2	0	20	10
22...	1	0	0	0	.1	.0	.1	3	0	10	10
APR.											
05...	3	3	0	0	.0	.0	.0	0	0	20	10
19...	3	3	4	0	.2	.0	.2	1	0	30	0
MAY											
05...	5	5	0	0	.0	.0	.0	4	0	10	0
18...	3	2	0	0	.0	.0	.0	0	0	20	10
JUNE											
01...	10	10	12	0	.2	.2	.0	2	2	70	30
14...	4	4	7	0	.2	.0	.2	7	0	10	--
AUG.											
20...	3	3	2	0	.1	.0	.1	3	1	30	20
SEP.											
03...	4	4	2	2	.1	.1	.0	6	1	10	10

MISSISSIPPI RIVER DELTA

300404089482500 CHEF MENTEUR PASS NEAR LAKE BORGNE, AT CHEF MENTEUR, LA (CE 85750)

LOCATION.--Lat 30°04'04", long 89°48'25", T.12 S., R.14 E., Orleans Parish, north of U.S. Highway 190 bridge, 0.1 mi (0.2 km) southwest of Chef Menteur.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water year 1975.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 7,200 mg/L Sept. 16, 1976; minimum, 390 mg/L May 3, 1975.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 7,200 mg/L Sept. 16; minimum, 1,100 mg/L Dec. 9.

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2200	2200	1800	2300	1900	2600	1600	1900	1800	1200	2100	6200
2	1800	2000	1700	2400	1600	2400	1500	1700	1700	1300	4100	6100
3	1900	1800	1800	2100	1600	2600	1600	1700	1700	1400	4500	5700
4	1800	1800	1800	1800	1700	2500	1600	2200	1700	1400	5400	5600
5	2300	2000	3200	2100	2000	3200	1600	2100	1800	1300	5000	4300
6	2200	2200	1800	2100	2200	2800	1700	2200	2200	2100	5700	4300
7	2200	1600	1700	2500	1400	2000	1700	2100	2800	2100	5300	6200
8	2100	2600	1900	1500	1300	2700	1500	2200	2800	2000	2900	6300
9	2100	2800	1100	1800	1500	2200	1700	2100	1800	2000	3000	5900
10	2100	2800	1400	1800	2000	1700	2000	2200	1800	2000	4700	5900
11	2100	2600	1600	1900	2000	1800	1600	2000	1500	1800	4700	5900
12	1900	2000	1700	1800	2100	2500	1200	1700	1500	1900	5200	5900
13	2300	1400	1700	2100	2300	2200	1600	1700	1500	1600	5200	6800
14	2300	1200	1700	1900	2300	2600	1700	1800	1500	1500	4700	6800
15	2200	1200	1800	1900	2300	2500	1500	1700	1700	1500	4800	7100
16	2200	1400	1800	1500	2200	2400	1800	1600	1700	1200	5300	7200
17	1900	1600	1800	1500	2200	1900	2100	1600	1700	1300	5400	4900
18	1800	1800	1500	1200	2200	1800	2000	1600	1600	1500	6200	4900
19	1800	2000	1800	2100	1700	2100	1900	1900	1600	1500	6200	5000
20	1800	1900	1600	2000	2200	2400	2100	2000	1600	4300	6700	5000
21	1800	1500	1700	2000	2800	2200	1900	2000	1700	3500	6600	4600
22	1600	1500	2000	1500	1800	2300	1700	2100	2000	3600	4800	4800
23	2000	1300	2100	1500	1500	2400	1600	2200	2100	3000	4500	6700
24	2200	1700	2500	1800	1600	2400	1700	2000	2100	2900	3500	6100
25	2000	1600	2200	1900	2200	2800	1500	1600	2300	3500	3400	6500
26	1800	1900	2100	2000	2500	2700	1900	1700	2200	3500	4400	6900
27	2000	1600	1900	2100	2400	2700	2400	2000	2300	3600	4400	6700
28	2000	2000	2100	2100	2500	2200	2100	1800	2200	3400	5600	6800
29	2000	1500	2300	1400	2600	2000	1900	1700	1700	3500	5600	6000
30	2000	---	2100	1400	---	2000	2000	1800	1700	3600	6200	6100
31	2000	---	2900	1800	---	2000	---	1700	---	3700	6000	---

295019089411500 BAYOU LALOUTRE AT ALLUVIAL CITY, AT YSCLOSKEY, LA (CE 85775)

LOCATION.--Lat 29°50'19", long 89°41'15", T.14 S., R.15 E., St. Bernard Parish, 0.2 mi (0.3 km) south of Yscloskey.

DRAINAGE AREA.--Indeterminate.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 13,000 mg/L July 19, 26, 1976; minimum, 1,300 mg/L May 10-12, 1975.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 13,000 mg/L July 19, 26; minimum, 2,800 mg/L Nov. 12, 22.

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3800	4600	4400	5000	5300	7600	4100	6700	5900	6200	8500	11000
2	3800	4800	4400	5000	5200	7700	4100	5800	5900	6100	8600	9000
3	3800	4600	4300	3200	5300	5900	4200	5700	5800	6200	8600	8900
4	3800	4700	4300	3200	5200	5600	4100	5700	4600	6100	8500	9000
5	3800	4600	5000	3200	5300	6200	4100	5700	4800	6200	8400	8200
6	3800	4600	4900	3300	5300	6600	4200	6700	4600	8000	8500	8200
7	3800	3400	5000	3300	5100	6600	5000	6700	4600	6200	10000	8200
8	3800	3300	4200	3300	4200	6300	5000	6800	4500	6800	10000	8200
9	4200	3400	4300	---	4100	6300	5000	5700	4400	6800	10000	8200
10	4200	2900	4300	3200	4200	4400	5000	5600	3900	6900	10000	8200
11	4300	3000	5800	3200	5800	6300	5000	4800	3700	6800	10000	8200
12	5000	2800	5900	3200	5800	6500	5000	5000	4600	6800	9700	8200
13	5000	2900	6000	3300	5700	5000	5000	3700	4800	6800	9700	8400
14	5000	3000	5900	3200	5800	6900	5000	3700	4800	6100	9700	8100
15	4500	2900	6300	3400	5800	6600	4900	3400	5700	6000	9900	8200
16	5000	3800	5400	3400	5700	6600	5000	3500	5600	6000	9900	8100
17	5000	3600	5000	3200	5900	6600	7200	---	5600	6000	9900	8200
18	4800	3800	6900	3100	5800	6600	7100	4300	5600	12000	12000	8100
19	4000	3800	3600	3200	5800	5900	7200	4300	5600	13000	12000	8100
20	3900	3700	4000	3100	6000	5900	6900	5000	5700	12000	12000	9500
21	4000	3600	3600	5100	6000	6000	7100	5100	5400	12000	12000	9500
22	4000	2800	3700	5100	5900	6600	7200	4800	5900	12000	12000	9500
23	4000	2900	5400	5100	5800	6700	6900	5000	4900	6100	12000	8600
24	4000	4200	4500	5200	5800	6600	7000	4900	6500	6000	12000	8700
25	5600	4300	5100	5200	5700	6200	5500	4900	6400	6300	11000	8700
26	5600	4200	4900	5100	7500	6200	5500	4900	6400	13000	10000	9500
27	5800	4100	10000	5100	7600	6300	5600	5000	6500	8800	10000	9600
28	6000	4300	10000	5200	---	5400	6900	5800	6500	8800	10000	9400
29	4200	4200	10000	4600	7500	5300	6400	5700	6400	8800	10000	9400
30	4200	4200	3300	4600	---	5400	6400	5800	6100	8700	10000	9500
31	4200	---	8300	4600	---	5400	---	5900	---	8600	11000	---

MISSISSIPPI RIVER DELTA

07380250 BAYOU BARATARIA AT LAFITTE, LA (CE 82875)

LOCATION.--Lat 29°40'06", long 90°06'36", lot 5, T.16 S., R.23 E., Jefferson Parish, 1.0 mi (1.6 km) south of Lafitte.

DRAINAGE AREA.--Indeterminate.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum 7,200 mg/L Apr. 18, 1976; minimum, 100 mg/L Aug. 7, 1975.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 7,200 mg/L Apr. 18; minimum, 180 mg/L Oct. 2, 3.

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	200	310	550	640	580	---	580	1700	1300	1100	1100	3700
2	190	420	860	840	260	420	420	700	2500	1200	1100	2700
3	180	480	1100	960	280	---	460	670	1500	1500	1200	3100
4	190	520	910	450	390	---	430	760	1800	1600	1400	2800
5	230	800	880	380	390	1400	430	780	1700	1000	1400	1300
6	270	1000	850	460	420	---	420	1400	2500	1000	1400	1700
7	300	1000	---	560	280	450	500	2100	1100	1000	1300	2900
8	280	1300	370	480	260	400	500	2300	2500	890	1200	3000
9	280	1300	380	580	270	---	800	1100	1700	850	1200	3300
10	330	1500	370	320	270	300	760	1200	1600	800	1800	3100
11	290	1200	420	380	280	460	800	---	1400	900	1600	2500
12	270	1300	420	400	320	460	750	760	1400	1000	1900	2100
13	280	400	410	460	320	640	400	1200	1300	1000	2400	3100
14	280	290	640	420	320	500	530	690	1500	1000	2200	3100
15	220	240	710	310	320	580	620	710	---	1000	1600	3600
16	320	250	1200	320	340	780	1100	810	2200	1000	2300	4400
17	700	270	1200	290	360	400	3500	930	2400	1100	2900	3600
18	350	200	440	370	400	520	7200	960	1400	1200	1700	2600
19	220	280	860	320	340	540	6800	940	1400	1400	2700	2900
20	250	300	590	320	340	760	6500	950	1000	1200	2000	3400
21	210	260	620	480	460	1100	3000	1000	1200	1500	3300	3900
22	200	500	680	300	400	530	1800	2500	1600	1500	3600	4600
23	220	250	810	310	250	500	1200	1300	1300	1600	2700	5600
24	220	200	760	600	250	500	890	1100	1500	1200	1800	4000
25	270	200	730	600	280	900	1300	1200	2000	1400	1600	4700
26	340	280	760	720	270	680	900	1200	2100	1400	1900	4600
27	230	320	720	520	---	920	780	1400	2400	1400	2400	4600
28	260	800	860	470	---	440	1100	1200	2400	1500	2900	5000
29	220	900	950	440	---	840	1100	970	2200	1500	2800	4500
30	210	400	460	380	---	1400	1400	1100	1300	1500	---	2400
31	340	---	800	440	---	1600	---	1200	---	1100	---	---

07380400 BAYOU LAFOURCHE AT DONALDSONVILLE, LA

LOCATION.--Lat 30°06'00", long 90°58'40", in lot 96, T.11 S., R.14 E., Louisiana meridian, Ascension Parish, on left bank 40 ft (12 m) upstream from culvert under State Highway 18, in Donaldsonville, and 1,500 ft (457 m) downstream from Donaldsonville pumping plant.

PERIOD OF RECORD.--August 1957 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Corps of Engineers bench mark, levels by Louisiana Department of Highways).

REMARKS.--Records fair. Pumping plant at Donaldsonville pumps total flow of Bayou Lafourche from Mississippi River except for small amounts of storm drainage during heavy runoff. Records of dissolved oxygen, water temperatures and suspended-sediment loads for the water year 1976 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--19 years, 252 ft³/s (7.137 m³/s), 182,600 acre-ft/yr (225 hm³/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 600 ft³/s (17.0 m³/s) Apr. 6, 1975; no flow June 11, 14, 1959, Feb. 23, 24-27, 28, 1970, Mar. 3, Apr. 2, 3, May 14, 1971, Sept. 7-12, 1973.

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	174	222	217	216	210	202	200	195	146	192	197	209
2	205	222	217	216	216	205	192	195	146	195	195	209
3	335	223	216	221	213	194	192	195	146	199	194	327
4	418	224	216	221	212	203	191	303	146	197	194	429
5	362	222	214	221	210	204	190	482	146	197	195	443
6	214	221	214	223	202	200	193	523	146	196	195	445
7	214	220	214	232	195	200	194	547	146	199	194	349
8	214	220	214	225	210	200	195	567	146	200	194	208
9	214	220	214	203	222	200	195	557	146	202	254	207
10	213	218	215	200	214	200	194	433	146	202	363	208
11	213	218	213	197	220	200	194	147	146	202	374	208
12	213	217	214	200	231	200	194	161	147	216	295	203
13	213	217	214	202	229	200	193	170	146	179	209	209
14	212	217	215	203	226	200	192	166	147	153	208	209
15	212	217	214	208	225	200	191	166	147	149	208	209
16	213	217	214	209	220	200	190	165	146	147	208	247
17	214	217	214	209	213	200	188	158	146	147	208	361
18	216	216	214	210	219	200	185	157	146	146	208	236
19	216	215	214	209	213	200	335	159	146	165	209	207
20	216	216	214	209	210	200	521	150	146	195	209	274
21	216	216	214	188	211	200	547	147	146	194	209	422
22	216	216	215	197	212	200	541	146	146	194	208	345
23	216	216	214	215	213	203	535	146	198	195	209	209
24	217	217	221	212	214	203	525	146	229	194	209	273
25	217	217	219	211	220	193	522	146	189	191	209	274
26	217	218	217	213	238	191	379	147	189	163	209	422
27	217	217	217	211	220	201	194	147	189	191	209	440
28	220	217	217	210	201	198	194	147	190	195	210	444
29	221	217	220	209	204	192	194	147	190	195	209	352
30	222	217	216	209	---	199	194	147	192	193	208	209
31	222	---	216	211	---	206	---	146	---	192	209	---
TOTAL	7102	6548	6677	6520	6243	6194	8144	7208	4781	5775	6809	8787
MEAN	229	218	215	210	215	200	271	233	159	186	220	293
MAX	418	224	221	232	238	206	547	567	229	216	374	445
MIN	174	216	213	188	195	191	185	146	146	146	194	203
CAL YR 1975	TOTAL	67411	MEAN	239	MAX	600	MIN	140				
WTR YR 1976	TOTAL	80788	MEAN	221	MAX	567	MIN	146				

MISSISSIPPI RIVER DELTA

07380400 BAYOU LAFOURCHE AT DONALDSONVILLE, LA--Continued

ELEVATION, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.42	8.49	8.46	8.44	8.42	8.20	8.13	7.98	8.00	8.39	8.41	8.39
2	8.35	8.49	8.46	8.44	8.45	8.28	7.91	7.99	8.00	8.40	8.40	8.39
3	8.83	8.50	8.45	8.48	8.38	7.96	7.84	7.99	7.98	8.42	8.39	8.45
4	9.09	8.50	8.44	8.49	8.43	8.24	7.88	8.61	7.98	8.41	8.39	9.21
5	8.89	8.49	8.39	8.49	8.42	8.25	7.85	9.35	7.98	8.41	8.40	9.25
6	8.38	8.49	8.39	8.50	8.15	---	7.93	9.45	7.98	8.40	8.40	9.25
7	8.39	8.48	8.37	8.53	7.98	---	7.97	9.50	7.98	8.42	8.39	8.48
8	8.39	8.48	8.38	8.45	8.25	---	8.01	9.54	7.98	8.43	8.39	8.37
9	8.38	8.48	8.38	8.07	8.48	---	7.98	9.52	8.00	8.43	8.54	8.35
10	8.36	8.47	8.40	8.00	8.38	---	7.96	9.14	8.03	8.43	9.06	8.37
11	8.37	8.47	8.33	7.92	8.38	---	7.95	8.06	8.04	8.44	9.07	8.37
12	8.36	8.47	8.40	8.01	8.52	---	7.95	8.19	8.05	8.50	8.74	8.23
13	8.35	8.47	8.40	8.06	8.51	---	7.93	8.27	8.04	8.31	8.38	8.38
14	8.34	8.46	8.41	8.14	8.50	---	7.90	8.25	8.06	8.18	8.38	8.38
15	8.33	8.46	8.39	8.28	8.49	---	7.87	8.25	8.05	8.15	8.37	8.38
16	8.36	8.46	8.40	8.29	8.47	---	7.85	8.24	8.01	8.09	8.37	8.55
17	8.38	8.46	8.40	8.31	8.43	---	7.80	8.21	7.97	8.05	8.37	9.01
18	8.45	8.45	8.40	8.31	8.46	---	7.70	8.20	7.96	8.03	8.38	8.44
19	8.45	8.45	8.40	8.30	8.42	---	8.59	8.21	7.94	8.15	8.38	8.34
20	8.45	8.45	8.39	8.29	8.40	---	9.44	8.13	7.94	8.40	8.38	8.57
21	8.45	8.45	8.39	7.82	8.42	---	9.50	8.05	7.94	8.39	8.38	9.19
22	8.45	8.45	8.41	7.83	8.42	---	9.49	8.02	7.93	8.40	8.38	8.90
23	8.45	8.45	8.36	8.44	8.44	8.24	9.47	7.98	8.28	8.40	8.38	8.39
24	8.45	8.46	8.49	8.43	8.43	8.23	9.45	8.00	8.56	8.39	8.39	8.64
25	8.46	8.46	8.47	8.41	8.47	7.94	9.44	8.01	8.37	8.29	8.39	8.45
26	8.46	8.47	8.46	8.43	8.54	7.47	8.81	8.03	8.37	7.50	8.39	9.19
27	8.47	8.47	8.45	8.43	8.43	8.18	7.97	8.05	8.37	8.38	8.39	9.24
28	8.48	8.47	8.43	8.42	8.14	8.09	7.98	8.09	8.37	8.40	8.39	9.25
29	8.49	8.47	8.46	8.41	8.16	7.90	7.94	8.06	8.38	8.40	8.38	8.92
30	8.49	8.47	8.45	8.40	---	8.12	7.98	8.03	8.38	8.39	8.38	8.38
31	8.49	---	8.44	8.42	---	8.31	---	8.02	---	8.38	8.38	---
MEAN	8.43	8.47	8.41	8.30	8.39	---	8.29	8.37	8.10	8.31	8.45	8.64
MAX	9.09	8.50	8.49	8.53	8.54	---	9.50	9.54	8.56	8.50	9.07	9.25
MIN	7.42	8.45	8.33	7.82	7.98	---	7.70	7.98	7.93	7.50	8.37	8.23

LOCATION.--Lat 29°47'52", long 90°49'21", in lot 117, T.15 S., R.16 E., Lafourche Parish, on downstream side of left pier of drawspan of bridge on State Highway 20 at Thibodaux, 2.7 mi (4.3 km) upstream from Laurel Valley Canal.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (levels by Louisiana Department of Public Works).

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 7.64 ft (2.329 m) Apr. 17, 1973; minimum, 0.82 ft (0.250 m) Dec. 2, 1966.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 6.45 ft (1.966 m) May 10; minimum, 2.61 ft (0.796 m) Oct. 1.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.71	5.01	5.12	5.36	5.75	5.18	5.14	4.97	5.01	5.32	5.24	5.22
2	2.92	5.03	5.12	5.35	5.43	5.21	5.07	4.96	5.01	5.30	5.30	5.21
3	3.91	5.05	5.14	5.48	5.32	5.21	4.96	4.97	5.00	5.23	5.33	5.25
4	5.04	5.09	5.14	5.53	5.27	5.21	4.92	4.96	5.00	5.33	5.30	5.42
5	5.50	5.09	5.15	5.43	5.26	5.10	4.92	5.31	4.97	5.28	5.32	5.62
6	5.54	5.09	5.07	5.37	5.81	5.25	4.90	5.62	4.97	5.26	5.30	5.62
7	5.39	5.04	5.06	5.40	5.40	5.31	4.90	5.68	4.99	5.25	5.24	5.61
8	5.29	5.03	5.09	5.27	5.17	5.36	4.95	5.78	4.95	5.31	5.21	5.47
9	5.21	5.04	5.11	5.17	5.17	5.38	4.95	5.83	4.93	5.42	5.21	5.29
10	5.20	5.17	5.16	5.07	5.22	5.15	4.93	5.87	4.93	5.33	5.34	5.23
11	5.20	5.08	5.19	4.99	5.21	5.11	4.96	6.04	4.95	5.28	5.49	5.20
12	5.21	5.08	5.23	4.90	5.21	5.20	4.98	5.47	4.97	5.27	5.56	5.21
13	5.24	5.04	5.26	4.88	5.30	5.13	4.98	5.26	4.99	5.28	5.46	5.19
14	5.21	4.95	5.35	4.92	5.30	5.20	4.98	5.27	5.02	5.16	5.31	5.20
15	5.18	4.95	5.36	4.96	5.30	5.30	4.95	5.19	5.01	5.10	5.26	5.20
16	5.18	4.96	5.28	5.17	5.33	5.34	4.90	5.16	5.00	5.06	5.24	5.20
17	5.14	4.98	5.24	5.21	5.32	5.16	4.88	5.16	5.04	5.03	5.20	5.32
18	5.07	5.03	5.20	5.20	5.30	5.05	4.88	5.12	4.96	5.05	5.21	5.44
19	5.07	5.03	5.19	5.23	5.27	5.02	4.81	5.11	4.91	5.01	5.20	5.30
20	5.07	5.08	5.23	5.26	5.25	4.83	5.28	5.14	4.93	5.07	5.21	5.23
21	5.02	5.01	5.25	5.27	5.26	4.87	5.60	5.10	4.92	5.17	5.19	5.34
22	5.02	4.98	5.27	5.04	5.34	5.03	5.68	5.04	4.90	5.26	5.20	5.52
23	5.00	4.96	5.29	5.15	5.28	5.11	5.71	5.02	4.89	5.25	5.20	5.45
24	4.99	4.98	5.30	5.32	5.27	5.12	5.70	4.97	5.11	5.22	5.20	5.36
25	4.98	5.02	5.40	5.36	5.27	5.89	5.74	4.97	5.17	5.31	5.19	5.37
26	4.98	5.03	5.40	5.42	5.29	5.71	5.75	4.96	5.16	5.46	5.18	5.38
27	5.00	5.12	5.37	5.35	5.33	5.39	5.52	4.97	5.22	5.41	5.18	5.59
28	4.98	5.10	5.38	5.30	5.33	5.22	5.21	4.97	5.16	5.30	5.21	5.61
29	4.99	5.08	5.71	5.29	5.18	5.10	5.06	4.97	5.21	5.27	5.41	5.55
30	5.01	5.08	5.58	5.30	---	4.97	5.03	5.00	5.23	5.23	5.30	5.37
31	5.00	---	5.43	5.30	---	5.06	---	5.00	---	5.23	5.25	---
MEAN	4.94	5.04	5.26	5.23	5.32	5.20	5.14	5.22	5.02	5.24	5.27	5.37
MAX	5.54	5.17	5.71	5.53	5.81	5.89	5.75	6.04	5.23	5.46	5.56	5.62
MIN	2.71	4.95	5.06	4.88	5.17	4.83	4.81					

MISSISSIPPI RIVER DELTA

07381200 BAYOU LAFOURCHE AT VALENTINE, LA

LOCATION.--Lat 29°35'35", long 90°28'25", on line between lots 96 and 98, T.17 S., R.20 E., Lafourche Parish, on upstream side of bridge on State Highway 308, at Valentine, 5.2 mi (8.4 km) upstream from Intracoastal Waterway, and 5.7 mi (9.2 km) south of Lockport.

PERIOD OF RECORD.--April 1966 to current year (elevations only).

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Prior to Oct. 1, 1968, at datum 2.98 ft (0.908 m) higher.

REMARKS.--Pumping plant at Donaldsonville pumps total flow of Bayou Lafourche from Mississippi River except for small amounts of storm drainage during heavy runoff. Elevation affected by tide at all stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 3.33 ft (1.015 m) Apr. 21, 1973; minimum, -0.18 ft (-0.055 m) Feb. 9, 1968 (present datum).

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 2.52 ft (0.768 m) Oct. 16; minimum, not determined.

ELEVATION, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
INSTANTANEOUS OBSERVATIONS AT 0800

[illegible]

07381225 BAYOU LAFOURCHE (ABOVE INTRACOASTAL WATERWAY) NEAR LAROSE, LA
(formerly published as station 07381230 Bayou Lafourche at Larose, La)

LOCATION.--Lat 29°34'30", long 90°23'40", in lot 46, T.17 S., R.20 E., Lafourche Parish, at highway bridge connecting State Highways 1 and 308, 0.4 mi (0.6 km) northwest of Larose, and 0.6 mi (1.0 km) upstream from Intracoastal Waterway.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1973 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1973. Sensor is installed 3 ft (0.9 m) from stream bottom.

REMARKS.--Pumping plant at Donaldsonville pumps total flow of Bayou Lafourche from Mississippi River except for small amounts of storm drainage during freshets and some flow from Company Canal, entering at Lockport. Reverse flow at times of high tide.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 7,870 micromhos Sept. 14, 1976; minimum, 126 micromhos May 18, 1976.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 7,870 micromhos Sept. 14; minimum, 126 micromhos May 18.

REVISIONS.--Records of daily specific conductance at station 07381230 for the period October 1973 to September 1975 are for this station.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C) + WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	359	318	625	386	---	---	378	352	386	313	358	334
2	327	315	728	581	---	---	400	373	409	307	356	339
3	335	318	1690	660	---	---	436	369	332	295	361	337
4	327	295	2440	976	---	---	414	346	339	308	506	354
5	369	300	1220	990	---	---	402	347	383	315	483	427
6	327	293	1900	978	---	---	393	366	405	305	427	351
7	315	293	2240	978	---	---	369	346	310	254	363	351
8	334	315	2050	988	---	---	380	351	258	242	359	344
9	354	330	1940	663	---	---	352	295	332	256	380	346
10	398	358	1680	990	---	---	395	325	339	295	405	349
11	442	400	1360	1020	---	---	393	346	341	303	375	356
12	453	397	1370	1040	---	---	354	322	383	312	375	352
13	449	419	1220	400	---	---	400	334	395	342	364	351
14	453	415	400	380	---	---	375	329	368	330	364	354
15	534	410	409	378	---	---	392	373	392	337	358	335
16	555	397	709	388	---	---	479	390	356	342	354	342
17	468	397	745	436	---	---	426	361	364	354	363	329
18	403	342	723	665	---	---	376	368	376	334	344	332
19	361	310	835	682	---	---	371	363	359	334	344	330
20	313	305	805	474	---	---	364	352	359	254	342	330
21	346	310	559	354	---	---	400	351	397	318	337	317
22	400	335	358	342	---	---	400	349	324	324	346	334
23	423	337	352	339	---	---	363	349	---	---	346	329
24	449	379	349	337	---	---	395	358	---	---	351	337
25	451	355	346	332	---	---	383	369	339	324	386	310
26	447	334	1490	342	---	---	381	369	375	318	354	303
27	493	358	1050	1030	---	---	---	---	329	305	310	279
28	640	367	1030	1020	---	---	376	322	346	300	284	273
29	449	379	1020	1020	---	---	332	315	368	330	---	---
30	397	389	1010	1000	426	398	361	315	---	---	---	---
31	395	383	---	---	405	356	395	324	---	---	---	---

MISSISSIPPI RIVER DELTA

07381225 BAYOU LAFOURCHE (ABOVE INTRACOASTAL WATERWAY) NEAR LAROSE, LA--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1			---	---	462	434	429	422	417	395	---	---
2			---	---	467	140	500	422	445	374	592	476
3			---	---	464	133	483	422	510	150	510	442
4			---	---	456	441	449	422	475	160	483	142
5			576	538	535	134	422	400	447	388	484	405
6			572	546	1820	530	410	403	406	362	480	374
7			533	519	1520	433	410	381	404	381	441	383
8			518	517	1500	137	414	388	409	392	448	400
9			618	515	1410	1020	493	409	421	406	956	412
10			510	359	1250	710	436	364	424	414	497	453
11			409	356	716	513	386	332	489	141	498	172
12			438	375	526	144	395	369	477	147	533	468
13			398	378	484	140	438	390	419	398	3470	615
14			393	373	498	141	447	432	400	385	7870	3110
15			424	352	545	142	431	402	415	368	5020	2070
16			381	352	531	160	427	414	470	129	2040	237
17			409	361	462	429	424	409	402	329	567	220
18			449	126	441	421	449	424	392	298	509	254
19			470	130	453	137	470	134	---	---	683	280
20			470	127	440	406	472	440	---	---	779	272
21			440	414	457	141	457	436	---	---	641	268
22			553	403	513	300	462	432	---	---	584	584
23			495	126	529	408	483	433	---	---	1850	667
24			442	378	523	502	474	438	---	---	4120	1940
25			393	347	515	470	---	---	---	---	4060	2200
26			487	393	515	464	---	---	---	---	5030	3270
27			508	476	515	449	---	---	---	---	6120	2370
28			519	411	631	130	419	405	---	---	2430	839
29			456	427	544	420	432	410	---	---	828	486
30			484	130	429	422	453	430	---	---	486	130
31			474	430	---	---	439	412	---	---	---	---

07381230 BAYOU LAFOURCHE (AT INTRACOASTAL WATERWAY) AT LAROSE, LA (CE 82203)
(formerly published as Bayou Lafourche at Larose, La)

LOCATION.--Lat 29°34'20", long 90°23'02", T.17 S., R.20 E., Lafourche Parish, at intersection with Intracoastal Waterway at mile 35.3.

PERIOD OF RECORD.--Water years 1975-76.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Flow direction is dependent upon tide and upon wind velocity. Samples are collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 5,000 mg/L Sept. 24, 1976; minimum, 18 mg/L Aug. 5, 1975.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 5,000 mg/L Sept. 24; minimum, 24 mg/L Apr. 12.

REVISIONS.--Records of daily specific conductance previously published for this station for the period October 1973 to September 1975 are for station 07381225.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
06...	1535	40	23	7.7	86	0	14	77	.29	.02	.31	--
20...	1325	30	28	8.9	126	0	34	32	.34	.02	.36	--
NOV.												
04...	1008	0	39	25	87	0	48	380	.24	.01	.25	--
17...	0748	210	33	12	126	0	42	130	.42	.06	.48	--
DEC.												
02...	1220	20	34	11	100	0	38	86	.37	.05	.42	--
18...	1036	10	38	12	128	0	45	47	.52	.01	.53	--
JAN.												
04...	1300	10	44	13	128	0	50	49	.90	.02	.92	--
14...	0952	20	35	11	122	0	41	52	.45	.03	.48	.73
29...	1200	0	37	11	124	0	45	35	.82	.03	.85	1.1
FEB.												
13...	1305	0	36	11	124	0	34	48	.46	.04	.50	1.1
26...	1212	10	40	14	120	0	45	23	.76	.04	.80	1.2
MAR.												
12...	0953	20	34	12	105	0	37	88	.90	.02	.92	.49
22...	1330	0	36	10	115	0	36	35	.40	.03	.43	.99
APR.												
05...	1130	20	25	8.3	114	0	29	38	.48	.02	.50	.42
19...	1305	0	62	100	116	0	220	1600	.20	.01	.21	.88
MAY												
05...	1058	10	34	13	120	0	32	110	.25	.02	.27	.91
18...	1245	10	35	12	120	0	34	78	.73	.02	.75	1.0
JUNE												
01...	1339	150	35	13	116	0	31	120	.38	.01	.39	.92
14...	0900	20	42	13	130	0	37	67	.23	.01	.24	.78
AUG.												
17...	1245	0	33	11	115	0	35	74	.47	.02	.49	.91
SEP.												
03...	1310	10	39	19	124	0	50	200	.52	.02	.54	1.2

07381230 BAYOU LAFOURCHE (AT INTRACOASTAL WATERWAY) AT LAROSE, LA (CE 82203)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDE D SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
06...	.35	127	--	89	18	435	7.5	23.5	60	40	--	--
20...	5.6	44	--	110	7	328	7.5	23.0	40	35	--	--
NOV.												
04...	.49	52	--	200	130	1530	7.5	23.0	40	30	--	--
17...	.88	150	--	130	27	700	7.5	18.0	120	60	--	--
DEC.												
02...	3.4	120	--	130	48	518	7.8	15.0	30	70	--	--
18...	.26	136	--	140	35	458	7.9	14.5	50	70	--	--
JAN.												
04...	.09	184	<1.0	160	55	434	7.4	11.0	45	50	--	20
14...	.22	128	<1.0	130	33	444	8.1	12.5	30	60	--	30
29...	.34	56	<1.0	140	38	417	8.0	12.0	--	110	--	25
FEB.												
13...	.90	180	<1.0	140	38	420	7.9	17.5	55	60	--	35
26...	.19	77	<1.0	160	62	376	7.9	18.0	15	65	--	30
MAR.												
12...	.16	124	<1.0	130	44	544	7.9	--	45	60	--	24
22...	.73	121	<1.0	130	36	398	7.7	18.5	25	60	--	39
APR.												
05...	.21	119	<1.0	97	3	363	7.9	21.5	20	60	--	16
19...	.10	99	<1.0	570	480	4840	8.2	23.0	25	40	--	30
MAY												
05...	.18	131	<1.0	140	40	576	7.9	24.5	30	60	--	29
18...	.19	97	<1.0	140	42	553	7.6	25.0	20	60	--	38
JUNE												
01...	.13	63	<1.0	140	46	626	7.8	27.0	30	45	--	37
14...	.15	61	<1.0	160	52	503	8.0	29.5	20	40	--	27
AUG.												
17...	.21	9	<1.0	130	33	561	8.0	--	25	70	5.7	11
SEP.												
03...	.16	59	<1.0	180	78	941	8.1	--	20	60	6.8	20

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
06...	1.9	1300	110	25	.00	1	0	.00	.0	.00	.00	.00
20...	5.6	2400	480	15	.00	0	1	.00	.0	.00	.00	.00
NOV.												
04...	3.1	2800	260	17	.00	0	0	.00	.0	.00	.00	.00
17...	3.3	800	48	22	.00	3	0	.00	.0	.00	.00	.00
DEC.												
02...	8.5	1400	240	9.6	.00	0	0	.00	.0	.00	.00	.00
18...	7.5	1600	27	11	.00	0	0	.00	.0	.00	.00	.00
JAN.												
04...	5.0	2100	360	13	.00	0	2	.00	.0	.00	.00	.00
14...	5.5	1400	1000	10	.00	0	13	.00	.0	.00	.00	.00
29...	2.9	600	270	7.8	.00	10	0	.00	.0	.00	.00	.00
FEB.												
13...	4.3	2800	2000	13	.00	2	0	.00	.0	.00	.00	.00
26...	1.4	950	620	7.4	.00	1	0	.00	.0	.00	.00	.00
MAR.												
12...	12	--	4000	9.6	.00	1	0	.00	.0	.00	.00	.00
22...	4.4	430	30	21	.00	2	0	.00	.0	.00	.00	.00
APR.												
05...	3.1	760	100	3.4	.00	1	6	.00	.0	.00	.00	.00
19...	3.9	4900	700	8.4	.00	0	0	.00	.0	.00	.00	.00
MAY												
05...	3.4	3100	160	9.2	.00	1	0	.00	.0	.00	.00	.00
18...	7.8	3200	300	11	.00	0	0	.00	.0	.00	.00	.00
JUNE												
01...	7.7	7500	35	5.6	.00	0	0	.00	.0	.00	.00	.00
14...	4.5	1400	140	--	.00	1	1	.00	.0	.00	.00	.00
AUG.												
17...	.3	1400	--	5.4	.00	6	2	.00	.0	.00	.00	.00
SEP.												
03...	2.5	--	200	6.2	.00	1	0	--	--	--	--	--

07381230 BAYOU LAFOURCHE (AT INTRACOASTAL WATERWAY) AT LAROSE, LA (CE 82203)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
04...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
17...	.11	<.01	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
04...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
14...	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
29...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
13...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
26...	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
12...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
22...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
05...	.00	.00	.00	.00	.00	.00	.00	--	.00	.00	.00	.0
18...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JUNE												
01...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
14...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.												
17...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
03...	--	--	--	--	--	--	--	--	--	--	--	--

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
06...	.00	0	.00	--	--	--	4	1	0	0	10	0
20...	.00	0	.00	--	--	--	3	1	0	0	<10	0
NOV.												
04...	.00	0	.00	--	--	--	1	1	0	0	<10	0
17...	.00	0	.00	--	--	--	5	2	1	0	<10	0
DEC.												
02...	.00	0	.00	--	--	--	4	1	1	0	<10	0
18...	.00	0	.00	--	--	--	4	1	12	0	30	0
JAN.												
04...	.00	0	.00	--	--	--	6	1	0	0	<10	0
14...	.00	0	.00	--	--	--	3	1	2	0	<10	0
29...	.00	0	.00	--	--	--	5	1	0	0	10	0
FEB.												
13...	.00	0	.00	--	--	--	6	1	3	0	10	0
26...	.00	0	.00	--	--	--	3	1	0	0	20	0
MAR.												
12...	.00	0	.00	--	--	--	3	1	2	0	10	0
22...	.00	0	.00	--	--	--	5	1	1	0	20	0
APR.												
05...	.00	0	.00	--	--	--	3	1	1	0	10	0
19...	.00	0	.00	--	--	--	2	1	1	0	<10	0
MAY												
05...	.00	0	.00	--	--	--	2	1	0	0	10	0
18...	.00	0	.00	--	--	--	3	1	4	0	20	0
JUNE												
01...	.00	0	.00	--	--	--	2	2	8	0	<10	0
14...	.00	0	.00	--	--	--	3	2	0	0	10	0
AUG.												
17...	.00	0	.00	.00	.00	.07	4	1	1	0	30	0
SEP.												
03...	--	--	--	.00	.00	.04	3	2	0	0	30	0

MISSISSIPPI RIVER DELTA

07381230 BAYOU LAFOURCHE (AT INTRACOASTAL WATERWAY) AT LAROSE, LA (CE 82203)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDED MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
06...	--	--	3	0	.1	.0	.1	--	--	50	0
20...	--	--	6	0	.0	.0	.0	--	--	20	10
NOV.											
04...	--	--	3	0	.6	.1	.5	--	--	10	0
17...	--	--	6	0	.1	.0	.1	--	--	30	20
DEC.											
02...	--	--	4	0	.0	.0	.0	--	--	20	20
18...	--	--	13	0	.3	.0	.3	--	--	60	10
JAN.											
04...	7	6	8	0	.0	.0	.0	10	2	30	10
14...	5	2	7	0	.2	.0	.2	5	0	90	30
29...	7	2	7	0	.1	.0	.1	9	0	40	0
FEB.											
13...	11	3	13	0	.1	.1	.0	10	0	50	0
26...	4	1	7	4	.1	.0	.1	7	6	40	0
MAR.											
12...	10	3	4	0	.0	.0	.0	5	0	30	0
22...	5	5	7	0	.1	.0	.1	8	0	30	0
APR.											
05...	7	3	6	0	.0	.0	.0	6	0	40	0
19...	5	4	7	0	.0	.0	.0	8	0	30	10
MAY											
05...	--	--	--	--	.2	.0	.2	--	--	--	--
18...	11	5	4	0	.3	.0	.3	6	0	50	50
JUNE											
01...	18	10	18	0	.1	.1	.0	5	0	110	10
14...	7	7	7	0	1.1	.9	.2	9	6	40	0
AUG.											
17...	8	8	6	0	.1	.0	.1	7	1	40	10
SEP.											
03...	6	5	10	1	.1	.1	.0	10	5	40	5

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	89	120	100	60	83	70	40	110	100	87	70	130
2	78	130	130	64	86	59	43	140	68	150	140	120
3	81	450	120	75	60	57	44	140	59	110	92	180
4	100	1400	100	68	70	80	34	140	65	110	90	89
5	120	1200	110	67	70	94	47	110	65	88	86	95
6	95	350	110	79	54	100	40	170	65	82	92	97
7	100	1900	120	76	66	90	44	99	200	78	98	110
8	90	700	240	68	70	90	33	98	360	75	94	93
9	100	600	78	53	64	85	37	93	330	73	75	92
10	84	470	77	68	70	74	36	120	310	76	96	94
11	100	190	65	72	78	68	40	110	180	72	100	96
12	120	180	130	84	82	96	24	120	100	73	100	75
13	100	210	68	74	80	73	37	86	88	77	89	1200
14	93	140	73	70	68	94	40	92	82	71	84	3700
15	120	140	170	65	76	64	38	83	82	80	120	4200
16	320	150	240	71	67	58	4100	85	84	78	82	1400
17	100	150	88	66	68	58	4100	94	66	71	88	210
18	82	130	77	73	64	92	4100	74	98	69	71	80
19	80	140	60	64	45	56	2700	83	99	76	79	300
20	62	120	66	66	50	52	2700	81	68	82	1000	130
21	98	320	66	63	52	59	1700	77	75	70	750	92
22	95	140	77	65	58	48	840	76	88	66	800	140
23	90	140	81	55	59	50	980	91	84	75	380	520
24	95	150	78	75	72	56	1000	120	90	75	87	5000
25	100	160	67	61	58	48	1000	110	90	73	60	3500
26	110	130	68	100	50	64	650	99	91	68	75	3400
27	98	150	65	96	56	57	510	92	89	74	92	3000
28	190	150	99	78	70	65	230	90	100	70	84	1200
29	120	160	96	61	64	64	220	92	95	70	90	450
30	---	160	99	90	---	60	220	88	68	70	80	380
31	---	---	66	76	---	50	---	160	---	66	280	---

MISSISSIPPI RIVER DELTA

295

292245090153000 BAYOU LAFOURCHE AT GALLIANO, LA (CE 82300)

LOCATION.--Lat 29°22'45", long 90°15'30", T.19 S., R.9 E., Lafourche Parish, at Galliano.

DRAINAGE AREA.--Indeterminate.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 9,600 mg/L Mar. 12, 1975, Aug. 16, 1976; minimum, 16 mg/L Feb. 6, 1975.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 9,600 mg/L Aug. 16; minimum, 43 mg/L Apr. 1.

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	130	290	1600	760	800	66	43	1700	1500	110	78	2100
2	80	2500	1900	800	90	64	54	320	1900	110	70	2800
3	55	3800	2600	880	100	88	50	340	720	82	73	3800
4	62	4900	2700	110	71	280	51	140	210	95	860	5900
5	64	3500	2700	92	79	260	49	130	120	95	2400	9200
6	65	3500	3000	200	78	250	50	1500	97	97	2700	3400
7	90	3500	2400	220	74	480	51	1800	850	120	1200	3300
8	750	2200	610	95	51	490	59	620	2200	120	5000	3300
9	650	1400	1300	60	50	680	55	380	2100	130	3800	---
10	660	1200	89	220	51	200	60	220	1600	110	3700	---
11	190	1400	79	220	60	420	61	220	900	100	1200	---
12	160	950	76	240	78	410	44	220	650	110	4000	---
13	160	200	2600	1000	80	500	48	200	490	100	7700	---
14	180	220	2600	1100	73	120	58	120	390	90	9300	---
15	150	120	2500	74	78	120	1600	100	440	90	9000	---
16	160	140	3400	200	410	110	7600	94	840	100	9600	---
17	200	150	1200	68	400	70	7100	98	190	90	8800	---
18	230	150	1200	82	410	90	8100	94	190	100	6900	---
19	45	180	73	80	88	150	6600	79	110	120	6900	---
20	55	360	72	85	62	3400	5200	76	100	95	6800	---
21	75	270	86	120	1600	500	950	78	89	240	6400	---
22	65	200	160	78	100	76	940	700	100	100	7100	---
23	65	180	250	97	91	90	950	870	93	180	7600	---
24	65	270	400	720	56	510	1100	1600	150	95	8800	---
25	95	300	5000	6300	82	200	1400	2500	120	90	8900	---
26	65	260	2400	6400	80	66	1100	1700	530	82	9200	---
27	75	260	2100	340	80	450	2200	2300	520	89	8900	---
28	95	400	3800	170	65	64	1100	2400	520	200	7600	---
29	110	3800	3900	130	65	180	1200	2500	1000	680	5800	---
30	140	4700	3800	190	---	---	1100	890	140	380	1800	---
31	120	---	3700	210	---	130	---	820	---	100	---	---

07381300 BAYOU LAFOURCHE AT GOLDEN MEADOW, LA

LOCATION.--Lat 29°23'25", long 90°15'55", on line between lots 22 and 23, T.19 S., R.22 E., Lafourche Parish, near right bank on downstream side of first pile bent from right abutment of highway bridge connecting State Highways 1 and 308 at Golden Meadow.

PERIOD OF RECORD.--April 1959 to September 1968, February to July 1970, October 1970 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 3.40 ft (1.036 m) below mean sea level (levels by Louisiana Department of Public Works). Prior to Feb. 10, 1970, at datum 3.40 ft (1.036 m) higher.

REMARKS.--Gage height affected by tide at all stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.13 ft (2.478 m) Oct. 4, 1964, present datum; minimum, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 6.41 ft (1.954 m) Oct. 16; minimum, 3.50 ft (1.067 m) Feb. 7.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.59	5.43	5.13	5.25	4.73	4.85	4.84	5.01	5.35	4.83		5.37
2	5.26	5.67	5.28	5.37	4.19	4.99	4.62	4.70	5.34	4.94		5.37
3	5.03	5.81	5.33	5.30	4.43	4.95	4.40	4.66	5.28	4.95		5.27
4	4.92	5.95	5.40	4.53	4.17	5.10	4.55	4.30	5.24	5.11		5.17
5	5.31	5.75	5.45	4.72	4.45	5.08	4.50	4.64	5.27	5.24		5.10
6	5.28	6.06	5.49	4.80	4.44	4.67	4.58	4.98	5.66	5.20		5.08
7	5.44	6.14	5.35	5.08	3.57	4.40	4.66	4.95	5.80	5.23		5.14
8	5.55	5.92	5.36	4.17	3.71	4.69	4.73	5.32	5.68	5.17		5.19
9	5.53	6.14	4.91	3.90	3.74	4.97	4.71	4.94	5.54	5.16		5.03
10	5.50	6.14	4.79	3.96	3.91	4.30	4.59	5.27	5.46	5.08		4.86
11	5.47	6.02	4.82	4.15	3.93	4.31	4.69	5.39	5.30	4.93		4.88
12	5.45	5.94	4.77	4.20	4.16	4.87	4.72	5.24	5.18	4.99		5.20
13	5.46	5.06	5.08	4.55	4.37	4.75	4.96	5.35	5.11	4.94		5.44
14	5.55	4.75	5.29	4.50	4.40	4.80	4.97	5.37	5.07	4.88		5.69
15	5.69	4.55	5.34	4.31	4.64	5.04	5.18	5.29	5.36	4.79		5.56
16	6.05	4.79	5.45	4.64	4.67	5.15	5.57	5.13	5.34	4.75		5.40
17	5.95	5.02	5.50	4.08	4.87	4.46	5.87	4.92	5.26	4.62		5.30
18	5.47	5.15	4.90	4.25	5.05	4.73	6.02	4.54	5.21	4.77		5.17
19	5.38	5.35	4.74	4.17	4.45	4.72	5.69	4.61	5.17	4.83		5.20
20	5.15	5.55	4.72	4.52	4.58	4.90	5.50	4.74	5.03	4.99		5.20
21	5.14	5.15	4.83	4.47	4.97	4.80	5.32	4.87	5.09	4.97		5.20
22	5.27	5.07	4.88	3.99	4.72	4.46	5.00	5.25	5.15	5.05		5.15
23	5.46	4.65	4.80	4.08	3.76	4.60	4.91	5.31	5.20	5.00		5.26
24	5.65	4.85	4.78	4.21	3.80	4.81	5.07	5.11	5.38	---		5.35
25	5.66	4.84	5.39	4.55	3.93	4.83	5.19	5.12	5.43	---		5.35
26	5.47	5.25	4.72	5.03	4.45	5.02	4.94	5.11	5.43	---		5.53
27	5.44	4.97	4.63	4.28	4.28	5.30	4.93	5.34	5.37	---		5.54
28	5.51	5.06	4.75	4.03	4.34	4.97	5.09	5.04	5.33	---		5.39
29	5.29	5.17	5.37	4.29	4.70	5.43	5.12	4.99	5.16	---		5.40
30	5.16	5.39	5.50	4.06	---	5.48	5.37	5.09	5.13	---		5.13
31	5.14	---	5.43	4.43	---	5.34	---	5.28	---	---		---
MEAN	5.43	5.39	5.10	4.45	4.32	4.86	5.01	5.03	5.31	---		5.26
MAX	6.05	6.16	5.50	5.37	5.05	5.48	6.02	5.39	5.80	---		5.69
MIN	4.92	4.55	4.63	3.90	3.57	4.30	4.40	4.30	5.03	---		4.86
CAL YR 1975	MEAN	5.33	MAX	6.16	MIN	4.27						
WTR YR 1976	MEAN	---	MAX	6.16	MIN	3.57						

291452090123200 BAYOU LAFOURCHE AT LEEVILLE, LA (CE 82350)

LOCATION.--Lat 29°14'52", long 90°12'32", T.21 S., R.10 E., Lafourche Parish, northeast of Louisiana Highway 1 bridge 0.2 mi (0.3 km) southeast of Leeville.

DRAINAGE AREA.--Indeterminate.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 17,000 mg/L Dec. 6, 1974; minimum, 970 mg/L Oct. 20, 1974.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 15,000 mg/L Nov. 4; minimum, 1,700 mg/L Mar. 31.

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9000	7400	5700	9600	11000	7300	9600	12000	12000	12000	13000	13000
2	4500	12000	9000	7800	9900	6000	9400	12000	12000	11000	13000	13000
3	7000	10000	9000	10000	10000	6300	9100	11000	12000	10000	12000	12000
4	5100	15000	9300	6600	10000	7500	8300	8700	12000	11000	12000	13000
5	5400	10000	10000	7000	6900	9100	7100	12000	12000	12000	13000	13000
6	7600	9200	11000	5200	8900	9200	10000	12000	8700	12000	13000	13000
7	8600	14000	6400	10000	3600	5800	11000	5900	8800	12000	14000	14000
8	9500	10000	7600	4800	9200	9900	11000	5900	11000	12000	14000	13000
9	8900	7700	8800	8400	9700	9900	7800	5900	11000	12000	13000	11000
10	6900	7200	6900	5300	9200	9600	9200	11000	12000	2500	14000	12000
11	9600	4200	7100	7100	10000	6000	10000	10000	13000	2200	14000	12000
12	8600	3700	9600	8500	7900	7200	10000	10000	11000	13000	14000	12000
13	8400	2700	8800	11000	9900	8500	11000	11000	13000	12000	13000	13000
14	8800	2500	8600	4600	6800	5700	12000	---	13000	12000	13000	13000
15	7400	2600	7100	6400	6600	9900	12000	9800	13000	12000	13000	13000
16	8300	6100	9100	9900	6300	11000	11000	11000	13000	12000	13000	13000
17	4400	7100	9800	6400	9500	11000	12000	10000	12000	12000	13000	13000
18	2700	5200	5400	10000	11000	11000	9800	9000	12000	12000	12000	13000
19	5200	7500	4300	5600	9600	12000	11000	9200	13000	12000	14000	13000
20	6200	9300	7400	7000	9000	11000	11000	---	12000	12000	13000	---
21	3600	6700	10000	7800	7500	8300	11000	10000	9000	12000	14000	---
22	4500	6000	10000	10000	6900	8000	9400	9600	12000	13000	13000	---
23	7000	6000	9900	11000	8800	6300	6500	9000	13000	13000	13000	12000
24	6500	5800	8500	11000	4700	6700	11000	9900	13000	13000	13000	13000
25	6400	7500	8900	11000	4900	7700	11000	9700	13000	13000	13000	13000
26	4500	9600	11000	11000	7300	8100	5200	10000	13000	13000	13000	11000
27	6000	7000	11000	6000	7000	7000	11000	12000	12000	14000	13000	11000
28	6300	6700	11000	6500	7400	6100	10000	10000	13000	13000	12000	12000
29	4000	10000	11000	10000	10000	9800	11000	11000	13000	13000	12000	12000
30	3900	10000	10000	10000	---	2100	7900	12000	12000	13000	13000	12000
31	4700	---	11000	11000	---	1700	---	12000	---	13000	13000	---

07381320 BAYOU TERREBONNE AT HOUMA, LA (CE 76270)

LOCATION.--Lat 29°36'00", long 90°43'00", T.17 S., R.17 E., Terrebonne Parish, at Houma.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1956, 1959.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 4,600 mg/L Sept. 16, 1976; minimum, 10 mg/L Nov. 13-17, 1976.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 4,600 mg/L Sept. 16; minimum, 10 mg/L Nov. 13-17.

DISSOLVED CHLORIDE (CL)* MG/L* WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43	80	75	44	44	46	36	---	70	---	---	110
2	66	40	90	46	54	43	38	---	72	78	81	110
3	53	50	69	52	69	41	46	---	60	75	77	97
4	68	170	66	50	64	46	43	78	50	67	82	88
5	53	150	70	70	59	47	39	75	51	58	82	87
6	110	170	70	81	59	49	44	80	48	52	79	93
7	44	200	60	68	52	54	68	78	49	59	74	93
8	47	80	60	64	59	38	49	57	52	50	85	94
9	40	140	75	52	54	47	38	80	60	51	61	95
10	43	80	82	68	53	55	48	80	59	58	83	90
11	43	30	78	60	47	38	38	94	66	52	80	92
12	49	20	82	58	46	44	38	78	56	56	80	110
13	42	10	72	51	47	40	40	50	59	58	72	110
14	47	10	72	59	52	33	42	60	54	54	62	1600
15	47	10	68	56	37	37	34	63	60	54	68	2900
16	51	10	64	56	43	34	40	39	59	64	78	4600
17	48	10	54	53	45	32	160	60	61	69	74	3800
18	110	100	63	58	46	36	1100	70	52	66	71	3200
19	50	110	61	62	57	36	2800	66	57	71	79	2300
20	54	130	65	51	53	31	2000	60	64	62	73	2600
21	100	60	65	50	---	30	52	63	69	62	82	2100
22	95	60	56	50	72	28	61	62	80	59	72	2200
23	110	70	60	55	70	31	21	55	69	58	140	3600
24	120	70	50	---	66	35	24	54	75	56	330	---
25	110	90	76	---	66	34	62	52	71	61	180	2700
26	100	80	56	50	68	30	66	57	69	54	87	3000
27	100	90	50	46	46	34	59	66	71	50	80	3600
28	74	80	72	55	45	31	59	51	70	54	82	---
29	70	40	46	60	44	39	82	66	---	48	85	---
30	81	60	90	51	---	67	70	54	---	48	85	---
31	74	---	53	53	---	28	---	59	---	60	110	---

293515090300000 BAYOU TERREBONNE NEAR BOURG, LA (CE 76403)

LOCATION.--Lat 29°33'13", long 90°36'05", T.17 S., R.18 E., Terrebonne Parish, at Bourg.

DRAINAGE AREA.--Indeterminate.

PERIOD OF DAILY RECORD.--

CHLORIDE-SURFACE: October 1974 to current year.

CHLORIDE-10 FT DEPTH: October 1975 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey. Samples are collected at the water surface and at a 10 ft (3.0 m) depth.

EXTREMES FOR PERIOD OF RECORD.--

CHLORIDE-SURFACE: Maximum, 7,000 mg/L Apr. 18, 1976; minimum, 14 mg/L May 31, 1975.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE-SURFACE: Maximum, 7,000 mg/L Apr. 18; minimum, 32 mg/L Mar. 26.

CHLORIDE-10 FT DEPTH: Maximum, 7,600 mg/L Apr. 19; minimum, 25 mg/L Oct. 10.

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	70	---	67	53	46	56	42	87	64	96	58	140
2	70	---	70	64	59	57	35	70	150	81	---	120
3	50	---	64	56	56	49	37	110	75	100	76	100
4	70	1800	89	48	59	59	42	92	69	81	76	90
5	80	3000	62	49	68	50	42	73	72	73	64	110
6	70	2000	75	52	71	47	41	81	58	80	82	100
7	70	1100	41	52	70	50	39	74	62	71	81	95
8	60	480	56	62	43	55	36	75	67	97	100	98
9	60	270	58	52	74	42	38	78	65	63	99	90
10	60	240	54	65	60	50	43	95	71	63	87	86
11	50	110	58	60	54	56	40	79	67	60	83	80
12	50	130	62	59	56	50	38	90	60	64	79	82
13	50	110	57	61	54	48	51	89	69	82	80	95
14	50	52	78	72	50	52	66	87	65	57	82	230
15	40	55	74	60	48	48	42	60	62	69	78	820
16	50	58	62	60	48	39	130	60	62	54	72	1300
17	860	100	64	60	54	39	5300	54	61	64	65	600
18	490	100	67	70	84	42	7000	45	70	68	70	740
19	180	100	61	52	59	38	2300	53	74	67	84	720
20	40	110	62	56	52	42	1900	54	69	72	70	600
21	40	97	69	54	66	49	2900	68	73	67	76	660
22	50	98	65	46	60	36	2600	70	81	82	70	1100
23	70	110	66	46	46	36	1000	88	66	69	100	2800
24	---	69	53	49	46	34	630	85	62	66	79	2800
25	---	78	58	79	48	36	780	68	96	64	67	1400
26	---	76	62	2600	66	32	160	70	68	70	110	1300
27	---	86	59	51	58	34	220	66	67	64	140	2000
28	---	68	56	44	56	42	85	90	65	63	100	2100
29	---	75	61	41	53	34	95	90	74	56	170	1500
30	---	130	52	48	---	44	96	53	73	54	140	700
31	---	---	51	52	---	72	---	63	---	57	140	---

MISSISSIPPI RIVER DELTA

293515090300000 BAYOU TERREBONNE NEAR BOURG, LA (CE 76403)--Continued

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
SAMPLING DEPTH 10.00 (FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	76	---	69	57	49	58	58	90	67	89	69	140
2	72	---	68	64	54	59	36	68	140	98	---	120
3	54	---	71	56	50	51	36	110	70	100	79	100
4	64	1800	46	50	59	48	44	80	68	100	77	70
5	75	3000	62	49	66	48	44	75	60	69	80	100
6	69	1200	99	49	73	46	40	77	59	70	74	100
7	68	1100	83	48	66	46	41	76	64	76	80	95
8	65	840	58	64	45	47	37	73	72	71	98	94
9	63	270	58	53	74	43	36	78	69	63	99	98
10	25	230	58	63	60	44	40	85	75	67	91	86
11	50	120	64	59	57	54	44	80	62	63	82	88
12	51	120	58	60	50	50	37	91	65	67	80	82
13	50	130	59	66	52	52	42	83	71	60	80	93
14	50	56	64	62	48	50	49	88	63	59	72	240
15	47	55	59	57	58	49	49	61	76	59	68	1500
16	52	57	64	63	48	40	140	68	62	56	76	1900
17	880	100	65	65	52	36	5800	55	61	61	69	600
18	770	100	63	55	82	42	7000	49	74	66	64	720
19	86	110	58	62	61	38	7600	54	63	65	68	730
20	37	110	59	60	50	41	5700	54	61	68	70	550
21	36	99	65	54	69	50	1600	68	63	69	70	660
22	50	92	71	47	60	37	2600	69	79	70	70	1200
23	---	110	72	48	46	36	850	88	70	68	76	2900
24	---	67	53	48	50	34	630	93	63	60	71	2800
25	---	76	68	79	50	34	820	69	110	61	69	1400
26	---	81	85	2700	61	36	200	62	68	59	86	1300
27	---	90	57	49	56	38	130	66	71	60	74	2100
28	---	70	66	45	54	38	82	95	65	59	77	2100
29	---	70	65	48	58	36	91	94	79	60	180	1500
30	---	130	52	50	---	45	93	57	66	56	150	820
31	---	---	53	52	---	72	---	56	---	55	150	---

292700090420000 BAYOU GRAND CAILLOU NEAR DULAC, LA (CE 76323)

LOCATION.--Lat 29°27'00", long 90°42'00", T.19 S., R.17 E., Terrebonne Parish, 4.0 mi (6.4 km) north of Dulac.

DRAINAGE AREA.--Indeterminate.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 18,000 mg/L Nov. 2, 1974; minimum, 14 mg/L Aug. 6, 1975.

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28		---	120	120	72	74	---	7100	---	---	580
2	27		---	110	120	96	76	6600	6200	---	---	580
3	28		---	110	130	80	74	6500	6800	6500	---	580
4	27		---	110	120	80	74	---	6800	6600	---	570
5	100		---	110	120	73	76	6600	6800	6600	---	570
6	110		---	110	120	84	77	6600	6600	6700	---	570
7	66		---	110	120	74	68	6700	6800	6800	---	580
8	100		---	110	120	77	65	6800	6600	6700	---	580
9	98		---	120	100	---	68	6700	6500	6800	---	580
10	100		---	120	92	70	72	6600	6700	6900	---	590
11	98		---	110	120	66	68	6700	6600	6700	---	580
12	100		---	110	120	73	66	6700	6600	6800	---	580
13	98		---	120	75	71	66	120	6600	---	---	---
14	96		---	110	120	68	65	6700	6800	---	---	620
15	120		---	110	120	68	70	6600	6800	---	---	560
16	100		---	120	120	65	65	6700	6800	---	---	570
17	120		---	120	120	71	62	6800	6700	---	---	560
18	100		---	110	75	56	73	6700	6800	---	---	540
19	100		---	110	76	72	65	6700	6600	---	---	560
20	98		---	110	73	68	6500	6700	6800	---	---	560
21	110		---	120	77	---	6400	6700	6800	---	---	560
22	100		---	110	73	---	1200	6700	6800	---	---	560
23	100		---	64	75	---	150	6700	6700	---	---	570
24	100		---	120	71	74	70	1500	6700	---	---	550
25	100		---	110	78	72	66	6900	6700	---	---	560
26	87		---	120	71	78	66	6600	6800	---	---	560
27	100		---	120	70	74	6700	6700	110	---	---	---
28	110		---	130	75	72	6600	6700	6700	---	---	---
29	110		122	120	73	73	6500	---	150	---	---	---
30	110		124	120	---	76	6600	6700	---	---	570	---
31	110		114	120	---	73	---	6800	---	---	580	---

MISSISSIPPI RIVER DELTA

292300090370000 BAYOU PETIT CAILLOU NEAR BOUDREAUX CANAL, NEAR DULAC, LA (CE 76303)

LOCATION.--Lat 29°23'00", long 90°37'00", T.19 S., R.18 E., Terrebonne Parish, 5.7 mi (9.2 km) east of Dulac.

DRAINAGE AREA.--Indeterminate.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 9,500 mg/L Nov. 1, 1974; minimum, 12 mg/L Aug. 2, 12, 1975.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 8,600 mg/L Apr. 18; minimum, 150 mg/L Apr. 11.

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	340	4000	---	1300	750	1200	---	2700	480	---	---	2800
2	290	7500	2000	850	980	1900	1000	2300	570	---	700	3400
3	240	6500	1800	650	400	2200	460	3200	390	---	1100	1800
4	350	3900	1800	850	170	---	540	2600	340	---	1600	1700
5	570	2500	2100	920	900	---	2200	5000	460	---	1800	2200
6	1000	1800	2500	920	210	---	900	3500	520	---	1400	2100
7	1800	1600	1900	2200	350	780	920	2900	540	---	1600	2400
8	1000	3500	1800	1400	190	2100	1000	2300	680	---	1500	1900
9	1400	2600	1300	600	270	2000	1200	2300	620	---	2400	1700
10	1300	2500	1800	700	1400	1200	800	2800	---	---	3100	2700
11	1100	3200	1200	900	420	2000	150	3000	---	---	3400	2800
12	1400	500	1400	820	590	1400	2200	2000	500	2900	2400	2800
13	1100	1500	1500	1200	1100	1400	940	2100	---	2600	2200	4200
14	1600	1400	1600	1100	570	1200	1000	1600	---	2600	3200	6200
15	2100	1600	2300	660	630	1700	1200	2400	---	1800	4400	5200
16	1300	1300	2300	960	2600	1700	6700	2000	---	1500	3600	3700
17	1400	1600	1500	760	1800	1200	6900	2400	---	1600	2600	3700
18	760	2000	1700	1100	1800	1600	8600	1900	---	1500	2300	3600
19	450	2300	1500	600	5300	1500	6500	1700	---	1600	3500	3700
20	540	1800	1700	1200	330	4300	6800	1200	---	1900	6000	3800
21	700	---	1800	760	570	1900	5900	2600	---	1600	3500	4100
22	250	1800	1700	1500	910	1900	5900	1700	---	1900	3200	4700
23	1000	1600	3000	1900	540	800	2400	1900	3600	1600	3200	4200
24	2100	1800	1600	2000	1200	1300	2600	1600	4800	1600	3000	3400
25	2100	1600	2000	1200	990	1300	3300	2900	3000	1700	3300	5100
26	900	1500	1700	2200	930	1400	2600	1800	4500	2900	3300	6600
27	1300	900	1500	780	2000	1800	2400	---	---	1800	3400	6400
28	1400	2600	1600	1300	1100	1900	3200	1800	---	2200	2400	4600
29	1600	1600	1800	1400	1300	4900	4000	3500	---	2500	2800	4400
30	1500	2400	1000	760	---	1200	4500	2500	---	1600	2400	4000
31	2000	---	1600	420	---	1400	---	5800	---	1300	3200	---

07381557 ATCHAFALAYA RIVER MAIN CHANNEL AT MYETTE POINT, NEAR CHARENTON, LA (CE 03750)
(formerly published as station 295328091262000 Atchafalaya River Main
Channel at Myette Point, near Charenton, La)

LOCATION.--Lat 29°53'40", long 91°26'46", St. Mary Parish, T.13 S., R.10 E., at river mile 95.4, 5.0 mi (8.0 km) east of Charenton.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975-76.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
07...	1748	0	45	16	129	0	73	78	.77	.01	.78	--
21...	1658	10	35	12	114	0	46	37	.55	.02	.57	--
NOV.												
05...	1540	0	37	9.7	104	0	54	18	.88	.00	.88	--
18...	1644	10	41	12	124	0	54	29	.65	.01	.66	--
DEC.												
02...	0945	50	38	13	114	0	57	37	.77	.00	.77	--
18...	1713	30	39	12	126	0	55	32	.64	.01	.65	--
JAN.												
05...	1615	60	37	11	120	0	46	28	.97	.03	1.0	.30
16...	1450	0	34	10	102	0	45	30	.89	.03	.92	.34
28...	1320	0	35	9.8	112	0	40	21	.72	.02	.74	.51
FEB.												
11...	1810	0	31	9.0	100	0	38	20	.90	.05	.95	.26
24...	1502	0	33	9.3	103	0	37	26	.80	.04	.84	.95
MAR.												
10...	1646	10	31	8.6	93	0	38	18	.99	.01	1.0	.52
23...	1514	70	30	8.9	104	0	33	23	.56	.02	.58	.74
APR.												
07...	1530	10	28	8.9	95	0	32	25	.82	.01	.83	.42
21...	1409	30	29	8.7	104	0	27	16	.48	.01	.49	.53
MAY												
03...	1540	0	34	10	124	0	31	25	.53	.03	.56	.67
17...	1741	80	33	9.1	108	0	30	20	1.1	.02	1.1	.46
JUNE												
03...	1532	20	34	11	116	0	37	26	.99	.01	1.0	.74
AUG.												
20...	1750	10	47	21	142	0	69	40	.51	.03	.54	.36
SEP.												
10...	1410	20	46	14	152	0	62	43	.48	.03	.51	.74

07381557 ATCHAFALAYA RIVER MAIN CHANNEL AT MYETTE POINT, NEAR CHARENTON, LA (CE 03750)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDE D SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA,MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
07...	.23	26	--	180	74	607	8.0	22.0	10	20	8.2	--
21...	.33	106	--	140	46	389	7.9	21.0	25	55	7.2	--
NOV.												
05...	.29	114	--	130	45	359	7.9	15.5	50	50	8.2	--
18...	.31	45	--	150	48	416	7.8	15.5	30	40	8.9	--
DEC.												
02...	.61	8	--	150	55	452	8.0	9.0	10	30	9.7	--
18...	.19	73	--	150	47	416	7.8	9.0	20	40	9.9	--
JAN.												
05...	.15	153	<1.0	140	42	377	8.0	7.0	35	60	10.4	14
16...	.19	64	<1.0	130	46	342	7.6	8.5	30	50	9.2	14
28...	.13	31	<1.0	130	38	334	7.8	8.0	15	25	8.2	45
FEB.												
11...	.19	184	<1.0	110	32	--	8.1	8.0	25	55	9.8	20
24...	.16	70	<1.0	120	36	333	8.0	11.5	40	45	9.9	25
MAR.												
10...	.21	75	<1.0	110	37	299	7.8	--	30	55	7.7	10
23...	.76	58	<1.0	110	25	306	7.7	15.5	15	40	6.3	25
APR.												
07...	.15	60	<1.0	110	29	273	7.8	17.0	30	35	6.0	10
21...	.26	51	<1.0	110	25	277	7.9	22.0	30	25	5.4	16
MAY												
03...	.66	60	<1.0	130	24	347	8.0	22.5	20	50	6.2	12
17...	.17	80	<1.0	120	31	312	8.1	23.0	20	65	6.7	20
JUNE												
03...	.12	40	<1.0	130	35	368	7.7	25.0	20	35	7.0	22
AUG.												
20...	.11	40	<1.0	200	87	471	8.2	--	3	15	7.7	13
SEP.												
10...	.09	67	<1.0	170	45	524	8.1	--	10	20	7.8	14

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
07...	1.2	320	20	5.8	.00	1	0	.00	.0	.00	.00	.00
21...	3.5	160	83	8.0	.00	0	0	.00	.0	.00	.00	.00
NOV.												
05...	1.6	410	36	4.6	.00	1	0	.00	.0	.00	.00	.00
18...	1.5	540	72	4.8	.00	0	1	.00	.0	.00	.00	.00
DEC.												
02...	1.1	1800	200	3.8	.00	2	0	.00	.0	.00	.00	.00
18...	4.3	2500	340	6.6	.00	0	1	.00	.0	.00	.00	<.01
JAN.												
05...	7.3	1400	200	6.2	.00	1	0	.00	.0	.00	.00	.00
16...	2.4	210	33	4.8	.00	4	3	.00	.0	.00	.00	.00
28...	1.3	330	60	5.4	.00	10	1	.00	.0	.00	.00	.00
FEB.												
11...	--	210	40	7.0	.00	0	0	.00	.0	.00	.00	.00
24...	2.0	140	75	8.0	.00	9	0	.00	.0	.00	.00	.00
MAR.												
10...	3.2	1200	150	12	.00	4	0	.00	.0	.00	.00	.00
23...	1.5	830	190	5.9	.00	3	0	.00	.0	.00	.00	.00
APR.												
07...	.6	900	200	21	.00	2	0	.00	.0	.00	.00	.00
21...	1.5	290	16	5.3	.00	1	0	.00	.0	.00	.00	.00
MAY												
03...	.5	520	40	4.2	.00	3	0	.00	.0	.00	.00	.00
17...	4.5	1400	140	9.0	.00	1	0	.00	.0	.00	.00	.00
JUNE												
03...	2.1	280	<5	6.9	.00	0	0	.00	.0	.00	.00	.00
AUG.												
20...	--	480	<5	2.8	.00	2	0	.00	.0	.00	.00	.00
SEP.												
10...	3.7	<5	<5	3.2	.00	13	0	.00	.0	.00	.00	.00

07381557 ATCHAFALAYA RIVER MAIN CHANNEL AT MYETTE POINT, NEAR CHARENTON, LA (CE 03750)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
07...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.0
NOV.												
05...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.00	<.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.01	<.01	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
05...	.01	.00	.00	.00	.00	.00	.00	.00	<.01	.00	.00	.0
16...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
28...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
11...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
24...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
23...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
07...	.29	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
17...	.00	.01	.00	.00	.00	.00	.00	--	.00	.00	.00	.0
JUNE												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.												
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
10...	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
07...	.00	0	.00	--	--	--	2	1	0	0	<10	0
21...	.00	0	.00	--	--	--	3	1	0	0	<10	0
NOV.												
05...	.00	0	.00	--	--	--	3	1	0	0	<10	0
18...	.00	0	.00	--	--	--	2	1	0	0	<10	0
DEC.												
02...	.00	0	.00	--	--	--	2	1	0	0	<10	0
18...	.00	0	.00	--	--	--	2	1	0	0	10	0
JAN.												
05...	.00	0	.00	--	--	--	3	1	2	2	<10	0
16...	.00	0	.00	--	--	--	2	1	--	0	--	0
28...	.00	0	.00	--	--	--	2	1	0	0	20	0
FEB.												
11...	.00	0	.00	--	--	--	3	1	1	0	10	0
24...	.00	0	.00	--	--	--	3	1	0	0	20	0
MAR.												
10...	.00	0	.00	--	--	--	2	2	0	0	<10	0
23...	.00	0	.00	--	--	--	1	1	0	0	<10	0
APR.												
07...	.00	0	.00	--	--	--	3	1	0	0	10	0
21...	.00	0	.00	--	--	--	2	0	1	0	10	0
MAY												
03...	.00	0	.00	--	--	--	2	1	0	0	<10	0
17...	.00	0	.00	--	--	--	3	1	0	0	10	0
JUNE												
03...	.00	0	.00	--	--	--	3	2	1	0	10	0
AUG.												
20...	.00	0	.00	.04	.03	.00	2	1	0	0	20	0
SEP.												
10...	.00	0	.00	.05	.03	.00	3	2	2	2	6	0

MISSISSIPPI RIVER DELTA

07381557 ATCHAFALAYA RIVER MAIN CHANNEL AT MYETTE POINT, NEAR CHARENTON, LA (CE 03750)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDE MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
07...	--	--	0	0	.1	.0	.1	--	--	20	0
21...	--	--	5	0	.0	.0	.0	--	--	30	6
NOV.											
05...	--	--	2	0	.0	.0	.0	--	--	20	0
18...	--	--	0	0	.0	.0	.0	--	--	30	5
DEC.											
02...	--	--	0	0	.0	.0	.0	--	--	50	20
18...	--	--	4	0	.4	.2	.2	--	--	20	0
JAN.											
05...	6	4	8	8	.1	.0	.1	11	0	20	10
16...	--	4	--	0	.1	.0	.1	--	0	--	0
28...	5	2	6	0	.0	.0	.0	4	0	10	0
FEB.											
11...	5	1	3	0	.1	.0	.1	9	0	40	0
24...	6	1	3	0	.0	.0	.0	9	0	20	0
MAR.											
10...	5	4	0	0	.1	.0	.1	10	0	0	0
23...	4	3	0	0	.0	.0	.0	7	0	10	0
APR.											
07...	5	2	3	0	.0	.0	.0	3	0	30	0
21...	4	3	2	0	.4	.2	.2	6	2	10	0
MAY											
03...	6	6	0	0	.0	.0	.0	6	0	40	0
17...	7	3	4	0	.1	.1	.0	13	0	20	0
JUNE											
03...	6	5	7	0	.6	.0	.2	4	0	140	20
AUG.											
20...	4	4	2	0	.1	.0	.1	2	0	20	10
SEP.											
10...	6	6	7	2	.1	.1	.0	3	3	30	20

MISSISSIPPI RIVER DELTA

307

07381590 WAX LAKE OUTLET AT CALUMET, LA (CE 03720)

LOCATION.--Lat 29°42'09", long 91°22'07", in lot 56, T.15 S., R.11 E., St. Mary Parish, at bridge on U.S. Highway 90, 0.5 mi (0.8 km) west of Calumet, and 4.0 mi (6.4 km) west of Patterson.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1956, 1959-60, 1973-76.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Relief outlet for Atchafalaya basin; generally affected by tide except at high stages.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 76 mg/L Dec. 4, 1974; minimum, 9.1 mg/L Apr. 15, 1976.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 72 mg/L June 4, Sept. 18; minimum, 9.1 mg/L Apr. 15.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
07...	1651	0	45	14	127	0	70	31	.80	.00	.80	--
21...	1619	10	41	12	120	0	52	36	.57	.02	.59	--
NOV.												
05...	1450	0	34	11	102	0	56	35	.83	.00	.83	--
18...	1556	0	43	19	122	0	70	130	.65	.00	.65	--
DEC.												
02...	0957	10	39	12	115	0	57	28	.75	.01	.76	--
18...	1440	20	37	12	123	0	53	32	.74	.01	.75	--
JAN.												
05...	1634	50	37	12	158	0	49	42	.97	.03	1.0	.42
16...	1410	0	32	9.1	97	0	40	30	1.1	.02	1.1	.39
28...	1245	0	34	9.5	105	0	39	21	.81	.03	.84	.47
FEB.												
11...	1316	10	31	8.6	100	0	37	19	.92	.08	1.0	.33
24...	1417	0	33	9.4	109	0	40	26	2.2	.04	2.2	.82
MAR.												
10...	1613	40	31	8.5	88	0	38	18	1.3	.01	1.3	1.8
23...	1416	30	27	9.4	89	0	34	41	1.2	.03	1.2	.74
APR.												
06...	1333	40	27	8.6	87	0	36	19	.98	.02	1.0	.80
21...	1322	60	30	9.1	102	0	34	18	1.1	.01	1.1	.53
MAY												
03...	1504	60	34	10	118	0	36	28	.84	.06	.90	.44
17...	1700	90	33	9.4	104	0	34	28	1.5	.03	1.5	.52
JUNE												
02...	1400	30	36	11	117	0	44	25	1.3	.01	1.3	.73
15...	1430	0	30	12	114	0	50	34	1.2	.01	1.2	.71
AUG.												
20...	1735	20	45	14	142	0	63	41	.56	.03	.59	.28
SEP.												
10...	1355	10	45	14	150	0	61	49	.35	.03	.38	.60

MISSISSIPPI RIVER DELTA

07381590 WAX LAKE OUTLET AT CALUMET, LA (CE 03720)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOSPHORUS (P) (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
07...	.27	17	--	170	66	466	8.0	22.0	10	30	8.2	--
21...	.14	27	--	150	52	477	8.0	22.0	20	35	7.7	--
NOV.												
05...	.18	26	--	130	46	395	7.9	17.5	10	40	8.0	--
18...	.51	39	--	190	90	744	7.9	16.0	10	25	8.9	--
DEC.												
02...	5.9	38	--	150	52	398	8.0	11.0	10	25	9.7	--
18...	1.4	108	--	140	39	403	8.0	8.5	20	50	10.0	--
JAN.												
05...	.40	201	<1.0	140	10	431	8.0	6.5	35	60	10.4	12
16...	.72	232	<1.0	120	40	322	7.6	8.0	30	80	10.4	15
28...	.33	66	<1.0	120	38	351	7.8	6.5	35	50	9.0	15
FEB.												
11...	.18	344	<1.0	110	28	309	7.9	8.5	25	50	9.9	15
24...	.58	117	<1.0	120	31	337	8.0	11.5	35	55	9.6	30
MAR.												
10...	.17	412	<1.0	110	40	292	7.8	--	50	90	9.2	5
23...	.25	246	--	110	33	349	8.0	14.0	15	70	8.0	15
APR.												
06...	.26	129	<1.0	100	31	274	7.5	17.0	30	80	7.6	6
21...	.17	49	<1.0	110	29	292	8.2	21.0	30	40	7.1	17
MAY												
03...	.85	293	<1.0	130	29	366	8.1	21.0	15	90	7.0	9
17...	.25	236	<1.0	120	36	342	8.1	21.5	15	130	7.4	19
JUNE												
02...	.22	65	<1.0	140	39	374	7.8	23.0	20	40	7.3	22
15...	.17	120	<1.0	140	51	425	8.0	25.5	5	55	7.2	15
AUG.												
20...	.09	52	<1.0	170	54	480	8.2	--	5	15	7.8	13
SEP.												
10...	.08	28	<1.0	170	47	538	8.2	--	10	15	7.1	12

DATE	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
07...	1.3	460	56	5.0	.00	0	0	.00	.0	.00	.00	.00
21...	1.5	220	43	6.8	.00	1	0	.00	.0	.00	.00	.00
NOV.												
05...	1.9	260	47	5.6	.00	0	0	.00	.0	.00	.00	.00
18...	1.6	330	33	3.8	.00	9	0	.00	.0	.00	.00	.00
DEC.												
02...	2.3	950	230	4.0	.00	2	0	.00	.0	.00	.00	.00
18...	5.5	640	310	5.6	.00	1	2	.00	.0	.00	.00	.01
JAN.												
05...	6.8	1500	180	6.2	.00	0	1	.00	.0	.00	.00	.00
16...	3.1	750	220	5.4	.00	3	1	.00	.0	.00	.00	.00
28...	1.1	1300	150	4.6	.00	0	1	.00	.0	.00	.00	.00
FEB.												
11...	.5	800	87	10	.00	2	0	.00	.0	.00	.00	.00
24...	2.0	170	90	3.6	.00	4	0	.00	.0	.00	.00	.02
MAR.												
10...	2.8	3000	330	9.1	.00	1	0	.00	.0	.00	.00	.01
23...	1.5	1600	320	12	.00	2	0	.00	.0	.00	.00	.00
APR.												
06...	1.4	280	90	9.0	.00	0	0	.00	.0	.00	.00	.00
21...	4.5	200	<5	5.1	.00	0	0	.00	.0	.00	.00	.00
MAY												
03...	.3	1000	130	1.0	.00	4	0	.00	.0	.00	.00	.00
17...	3.8	--	160	11	.00	2	0	.00	.0	.00	.00	.00
JUNE												
02...	1.0	900	10	8.0	.00	1	0	.00	.0	.00	.00	.00
15...	.3	750	140	--	.00	3	0	--	--	--	--	--
AUG.												
20...	--	380	5	2.4	.00	2	0	.00	.0	.00	.00	.00
SEP.												
10...	2.3	40	20	2.8	.00	7	0	.00	.0	.00	.00	.00

07381590 WAX LAKE OUTLET AT CALUMET, LA (CE 03720)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
07...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.0
NOV.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.00	<.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.01	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
05...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
16...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
28...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
11...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
24...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
23...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
17...	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JUNE												
02...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
15...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
10...	--	<.01	<.01	--	.00	.00	.00	--	--	--	--	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
07...	.00	0	.00	--	--	--	2	1	0	0	<10	0
21...	.00	0	.00	--	--	--	2	1	0	0	<10	0
NOV.												
05...	.00	0	.00	--	--	--	2	1	0	0	<10	0
18...	.00	0	.00	--	--	--	2	1	0	0	<10	0
DEC.												
02...	.00	0	.00	--	--	--	2	1	0	2	<10	0
18...	.00	0	.00	--	--	--	3	1	3	0	20	0
JAN.												
05...	.00	0	.00	--	--	--	3	1	0	0	<10	0
16...	.00	0	.00	--	--	--	2	1	0	0	20	0
28...	.00	0	.00	--	--	--	2	1	0	0	30	0
FEB.												
11...	.00	0	.00	--	--	--	3	1	1	0	30	0
24...	.00	0	.00	--	--	--	3	1	0	0	<10	0
MAR.												
10...	.00	0	.00	--	--	--	2	1	0	0	20	0
23...	.00	0	.00	--	--	--	2	2	0	0	10	0
APR.												
06...	.00	0	.00	--	--	--	5	1	0	0	10	0
21...	.00	0	.00	--	--	--	2	0	2	0	10	0
MAY												
03...	.00	0	.00	--	--	--	4	1	0	0	<10	0
17...	.00	0	.00	--	--	--	4	1	1	0	20	0
JUNE												
02...	.00	0	.00	--	--	--	2	1	0	0	10	0
15...	--	--	--	.00	.00	.00	3	1	1	0	10	0
AUG.												
20...	.00	0	.00	.04	.03	.00	2	1	0	0	20	0
SEP.												
10...	.00	0	--	--	--	--	3	2	1	0	20	0

MISSISSIPPI RIVER DELTA

07381590 WAX LAKE OUTLET AT CALUMET, LA (CE 03720)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDE MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
07...	--	--	2	0	.1	.0	.1	--	--	20	0
21...	--	--	7	0	.0	.0	.0	--	--	20	0
NOV.											
05...	--	--	4	0	.0	.0	.0	--	--	20	0
18...	--	--	0	0	.1	.1	.0	--	--	50	10
DEC.											
02...	--	--	0	0	.0	.0	.0	--	--	20	0
18...	--	--	6	0	1.5	1.2	.3	--	--	30	0
JAN.											
05...	6	3	6	2	.1	.0	.1	11	0	40	10
16...	11	3	11	0	.3	.0	.3	15	0	60	10
28...	7	2	10	0	.0	.0	.0	12	0	40	0
FEB.											
11...	6	1	2	0	.0	.0	.0	9	0	30	0
24...	7	3	3	0	.0	.0	.0	9	0	50	0
MAR.											
10...	9	6	10	0	.0	.0	.0	12	0	50	0
23...	12	3	7	0	.0	.0	.0	14	0	30	10
APR.											
06...	8	4	6	0	.0	.0	.0	5	0	40	0
21...	6	4	2	0	.4	.2	.2	13	5	40	0
MAY											
03...	11	2	11	0	.1	.1	.0	15	0	20	0
17...	11	5	7	0	.1	.0	.1	16	0	20	10
JUNE											
02...	7	--	14	0	.1	--	--	14	3	80	20
15...	8	.4	10	0	.2	.0	.2	22	0	20	0
AUG.											
20...	5	3	1	0	.2	.0	.2	3	2	40	20
SEP.											
10...	4	4	5	0	.1	.1	.0	3	3	30	20

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34	25	36	22	27	34	17	36	40	38	33	48
2	34	---	38	23	35	25	17	32	42	45	33	44
3	38	30	26	22	27	21	---	24	34	40	36	44
4	38	25	30	25	29	19	18	24	72	---	33	41
5	38	40	---	25	25	19	17	26	56	---	30	---
6	34	30	32	31	27	20	26	26	56	---	35	45
7	38	30	34	28	35	24	21	---	52	26	33	46
8	38	30	38	29	---	21	32	26	46	27	---	67
9	34	33	30	27	25	21	17	30	45	25	33	45
10	34	30	34	35	43	22	17	24	46	27	25	49
11	34	37	42	38	27	---	---	21	46	31	28	44
12	---	30	---	26	23	---	14	18	48	28	31	44
13	38	31	32	28	22	22	19	27	47	32	42	46
14	36	34	28	24	22	---	27	25	53	32	43	54
15	38	34	26	---	23	20	9.1	18	38	39	35	54
16	35	32	40	---	31	23	17	26	36	43	30	49
17	40	34	34	22	24	21	16	28	37	42	36	55
18	38	50	25	---	25	20	28	27	39	41	42	72
19	44	37	27	21	26	20	---	30	41	38	43	46
20	45	46	32	24	27	21	15	26	---	40	47	54
21	38	34	20	25	29	20	34	25	45	36	42	56
22	36	29	37	24	39	20	22	24	48	33	49	62
23	60	---	31	27	33	---	18	25	44	31	54	60
24	60	28	29	21	30	19	18	28	44	32	48	54
25	---	36	---	21	33	20	18	29	48	32	38	64
26	35	25	26	36	28	18	17	44	44	34	48	68
27	35	29	30	26	42	17	19	35	47	30	38	68
28	30	32	35	27	---	20	23	32	50	32	37	---
29	30	30	29	27	25	19	32	30	41	29	38	---
30	30	30	26	30	---	18	38	25	38	33	60	---
31	28	---	22	28	---	17	---	27	---	30	46	---

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA (CE 03780)

LOCATION.--Lat 29°42'09", long 91°22'07", on line between lots 1 and 6, T.15 and 16 S., R.12 E., St. Mary Parish, at bridge on U.S. Highway 90, at Morgan City.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1959, 1973-76.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Flow from Atchafalaya basin; generally affected by tide except at high stages. Samples for chemical analyses are collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 77 mg/L June 26, 1976; minimum, 11 mg/L Jan. 6, May 11, 1976.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
07...	1733	0	42	14	129	0	71	45	.77	.00	.77	--
21...	1646	10	40	12	120	0	53	40	.56	.02	.58	--
NOV.												
07...	1610	0	33	9.6	106	0	47	28	.79	.00	.79	--
18...	1628	10	41	12	122	0	52	37	.65	.01	.66	--
DEC.												
02...	1056	10	45	12	116	0	58	41	.76	.00	.76	--
18...	1345	50	42	12	121	0	51	50	.78	.01	.79	--
JAN.												
05...	1622	50	39	11	120	0	47	30	.94	.03	.97	.33
13...	1150	10	33	10	104	0	41	25	.96	.04	1.0	.49
27...	1426	0	36	15	110	0	49	---	.89	.03	.92	.72
FEB.												
11...	1305	10	32	8.8	103	0	38	25	.89	.06	.95	.38
24...	1405	0	35	9.8	110	0	41	30	.81	.05	.86	.69
MAR.												
10...	1600	30	32	8.9	85	0	39	22	1.3	.01	1.3	.38
23...	1402	110	28	8.3	91	0	31	20	1.2	.05	1.2	.53
APR.												
06...	1347	40	27	7.9	85	0	33	20	.98	.02	1.0	.78
21...	1346	30	47	76	105	0	160	1200	.86	.01	.87	.49
MAY												
03...	1454	40	35	10	120	0	36	31	.81	.02	.83	.44
17...	1649	80	33	9.2	104	0	34	26	1.5	.03	1.5	.52
JUNE												
02...	1350	30	38	11	119	0	44	30	1.3	.01	1.3	.70
15...	1420	0	38	12	115	0	51	34	1.2	.01	1.2	.61
AUG.												
20...	1720	10	44	13	142	0	59	35	.52	.04	.56	.27
SEP.												
10...	1340	10	46	14	146	0	59	61	.34	.04	.38	.44

MISSISSIPPI RIVER DELTA

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA (CE 03780)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDED SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA, MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
07...	.15	22	--	160	54	479	8.0	21.5	15	25	7.9	--
21...	2.4	50	--	150	52	447	7.8	21.5	25	35	7.6	--
NOV.												
07...	.20	47	--	120	33	409	7.8	20.0	5	30	7.9	--
18...	.38	27	--	150	50	448	7.8	16.0	25	30	8.8	--
DEC.												
02...	1.8	11	--	160	67	458	8.0	11.5	10	35	9.8	--
18...	.60	95	--	150	51	461	7.9	9.0	20	55	10.0	--
JAN.												
05...	2.7	150	<1.0	140	42	388	8.0	6.5	30	60	10.2	8
13...	.34	157	<1.0	120	35	335	7.5	6.3	45	80	10.6	10
27...	.17	140	<1.0	150	61	---	7.8	6.0	20	50	11.0	350
FEB.												
11...	.23	122	<1.0	120	36	329	7.9	8.5	20	60	9.4	10
24...	.28	862	<1.0	130	40	354	7.9	11.5	15	50	9.7	10
MAR.												
10...	.30	282	<1.0	120	47	306	8.0	--	40	90	9.0	5
23...	.26	137	<1.0	100	25	274	8.1	14.0	30	80	7.8	34
APR.												
06...	.24	87	<1.0	100	30	280	7.4	17.5	30	80	7.4	72
21...	.61	56	<1.0	430	340	4150	8.1	21.0	30	50	7.1	16
MAY												
03...	.25	228	<1.0	130	30	372	8.1	20.5	20	85	7.2	8
17...	.24	240	<1.0	120	35	340	8.1	21.0	20	125	7.3	23
JUNE												
02...	.12	31	<1.0	140	43	390	7.8	23.0	15	30	7.7	23
15...	.14	71	<1.0	140	50	420	8.0	25.0	5	45	7.3	14
AUG.												
20...	.31	34	<1.0	160	47	502	8.2	--	5	15	8.4	13
SEP.												
10...	.09	33	<1.0	170	50	569	8.2	--	10	15	7.5	14

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
07...	1.5	220	16	5.0	.00	0	2	.00	.0	.00	.00	.00
21...	4.3	3700	1500	6.2	.00	0	0	.00	.0	.00	.00	.00
NOV.												
07...	2.4	140	30	7.4	.00	0	0	.00	.0	.00	.00	.00
18...	1.7	380	33	5.0	.00	3	2	.00	.0	.00	.00	.00
DEC.												
02...	1.9	1200	150	3.6	.00	2	0	.00	.0	.00	.00	.00
18...	3.5	620	600	5.4	.00	0	2	.00	.0	.00	.00	.00
JAN.												
05...	7.0	1600	120	5.8	.00	0	2	.00	.0	.00	.00	.00
13...	3.4	800	340	5.8	.00	1	0	.00	.0	.00	.00	.00
27...	4.1	750	60	4.8	.00	2	0	.00	.0	.00	.00	.00
FEB.												
11...	.4	900	110	7.6	.00	0	0	.00	.0	.00	.00	.00
24...	1.9	180	100	5.4	.00	4	0	.00	.0	.00	.00	.00
MAR.												
10...	2.7	1900	170	6.6	.00	3	0	.00	.0	.00	.00	.00
23...	1.9	950	460	9.6	.00	4	0	.00	.0	.00	.00	.01
APR.												
06...	1.8	300	90	6.1	.00	1	0	.00	.0	.00	.00	.00
21...	1.7	220	<5	4.1	.00	1	0	.00	.0	.00	.00	.00
MAY												
03...	.6	1200	130	4.4	.00	1	0	.00	.0	.00	.00	.00
17...	4.1	1000	110	9.6	.00	0	0	.00	.0	.00	.00	.00
JUNE												
02...	2.5	340	<5	4.3	.00	1	0	.00	.0	.00	.00	.00
15...	3.4	330	92	3.4	.00	2	0	.00	.0	.00	.00	.00
AUG.												
20...	--	12000	3200	2.2	.00	2	0	.00	.0	.00	.00	.00
SEP.												
10...	1.8	1600	--	4.4	.00	7	0	.00	.0	.00	.00	.00

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA (CE 03780)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
07...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.0
NOV.												
07...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.00	<.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
05...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
13...	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
27...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
11...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
24...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
10...	.00	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
23...	.00	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
17...	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JUNE												
02...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
15...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.												
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
07...	.00	0	.00	--	--	--	2	1	0	0	<10	0
21...	.00	0	.00	--	--	--	2	1	0	0	<10	0
NOV.												
07...	.00	0	.00	--	--	--	2	1	--	0	--	0
18...	.00	0	.00	--	--	--	2	1	2	1	<10	0
DEC.												
02...	.00	0	.00	--	--	--	2	1	1	2	<10	0
18...	.00	0	.00	--	--	--	3	1	1	0	<10	0
JAN.												
05...	.00	0	.00	--	--	--	3	1	0	0	<10	0
13...	.00	0	.00	--	--	--	4	1	0	0	<10	0
27...	.00	0	.00	--	--	--	2	1	0	0	10	0
FEB.												
11...	.00	0	.00	--	--	--	3	1	1	0	10	0
24...	.00	0	.00	--	--	--	3	1	0	0	<10	0
MAR.												
10...	.00	0	.00	--	--	--	4	1	0	0	<10	0
23...	.00	0	.00	--	--	--	--	1	--	0	--	0
APR.												
06...	.00	0	.00	--	--	--	3	1	0	0	10	0
21...	.00	0	.00	--	--	--	1	0	0	0	<10	0
MAY												
03...	.00	0	.00	--	--	--	3	1	0	0	10	0
17...	.00	0	.00	--	--	--	4	1	0	0	0	0
JUNE												
02...	.00	0	.00	--	--	--	2	1	0	0	10	0
15...	.00	0	.00	--	--	--	3	1	1	1	20	0
AUG.												
20...	.00	0	.00	.03	.02	.00	1	1	0	0	<10	0
SEP.												
10...	.00	0	.00	.00	.00	.00	3	2	1	0	20	0

MISSISSIPPI RIVER DELTA

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA (CE 03780)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDE D MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
07...	--	--	0	0	.1	.0	.1	--	--	20	0
21...	--	--	7	0	.0	.0	.0	--	--	50	0
NOV.											
07...	--	--	--	0	.0	.0	.0	--	--	--	0
18...	--	--	0	0	.1	.1	.0	--	--	20	8
DEC.											
02...	--	--	3	0	.0	.0	.0	--	--	30	0
18...	--	--	5	0	.1	.0	.1	--	--	40	0
JAN.											
05...	9	2	4	0	.1	.1	.0	7	0	20	10
13...	7	3	7	0	.0	.0	.0	8	0	30	0
27...	5	3	8	0	.0	.0	.0	12	0	20	10
FEB.											
11...	5	2	3	0	.0	.0	.0	8	0	30	0
24...	6	6	0	0	.0	.0	.0	7	0	10	10
MAR.											
10...	11	4	12	0	.3	.3	.0	10	0	40	0
23...	--	4	--	1	--	--	.0	--	0	--	0
APR.											
06...	7	5	4	0	.0	.0	.0	14	0	40	10
21...	4	2	2	2	.0	.0	.0	3	0	20	0
MAY											
03...	8	2	7	0	.0	.0	.0	16	0	40	0
17...	7	3	7	0	.1	.1	.0	13	4	20	0
JUNE											
02...	7	7	9	0	.1	.0	--	10	0	80	20
15...	6	4	10	0	.1	.0	.1	11	5	20	0
AUG.											
20...	4	4	1	0	.1	.0	.1	3	2	30	20
SEP.											
10...	3	3	5	0	.2	.1	.1	3	3	30	20

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34	40	34	36	---	---	18	48	---	---	42	---
2	36	---	28	35	38	---	18	32	---	---	45	---
3	36	30	---	34	62	---	19	30	---	---	48	---
4	35	26	30	---	15	---	---	31	---	---	45	---
5	35	35	31	38	48	---	18	30	---	---	53	---
6	30	34	42	---	30	---	20	30	---	---	45	---
7	49	35	---	---	---	---	20	31	---	---	48	---
8	38	46	38	---	---	---	25	31	---	---	60	---
9	38	---	39	---	---	---	20	---	33	---	60	---
10	34	32	41	---	24	---	21	---	34	---	42	---
11	36	28	---	---	22	---	---	---	38	---	58	---
12	34	---	---	---	23	---	19	---	45	---	---	---
13	36	---	---	---	24	---	16	---	---	---	---	---
14	46	---	---	---	22	---	---	---	40	---	44	---
15	50	---	---	---	---	---	---	---	40	---	44	---
16	36	---	---	---	30	---	---	---	38	---	---	---
17	54	---	---	---	26	---	---	---	53	---	---	---
18	58	---	28	---	29	---	---	---	43	---	---	---
19	48	---	34	---	28	---	---	---	39	---	---	---
20	48	28	55	---	34	---	---	---	---	---	---	---
21	54	36	---	38	29	---	---	---	47	---	---	---
22	55	62	41	25	---	---	24	---	42	---	---	---
23	40	---	53	29	32	---	24	---	51	---	---	---
24	46	28	45	24	31	---	25	---	47	---	---	---
25	45	30	39	---	28	---	---	---	50	---	---	---
26	45	27	40	34	28	---	25	---	77	---	---	---
27	54	34	46	29	26	---	29	---	---	---	---	---
28	28	36	---	30	28	---	26	---	---	---	---	---
29	40	38	20	38	---	---	31	---	---	46	---	---
30	45	---	31	34	---	---	49	---	---	61	---	---
31	48	---	39	45	---	---	---	---	---	47	---	---

293540091093000 BAYOU PENCHANT AT BAYOU CHENE, NEAR AMELIA, LA (CE 53100)

LOCATION.--Lat 29°35'40", long 91°09'30", in SW¼NW¼ sec.17, T.17 S., R.13 E., Terrebonne Parish, 7.9 mi (12.7 km) south-southeast of Morgan City, 5.9 mi (9.5 km) southwest of Amelia.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975-76.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
07...	1720	10	16	5.3	63	0	16	19	.00	.00	.00	--
20...	1635	0	30	9.4	100	0	34	28	.00	.01	.01	--
NOV.												
07...	1550	0	31	9.6	96	4	52	33	.07	.00	.07	--
18...	1615	0	40	11	114	0	50	30	.01	.00	.01	--
DEC.												
02...	1045	10	40	12	119	0	54	28	.30	.01	.31	--
18...	1325	0	39	10	128	0	50	25	.24	.01	.25	--
JAN.												
05...	1602	10	34	11	123	0	47	27	.50	.01	.51	.30
13...	1338	0	35	11	116	0	44	30	.68	.03	.71	.49
27...	1407	10	33	10	118	0	39	40	.24	.01	.25	.64
FEB.												
11...	1250	20	32	9.8	116	0	33	36	.18	.05	.23	.47
24...	1346	0	34	9.7	111	0	31	28	.06	.04	.10	.39
MAR.												
10...	1549	70	32	9.5	90	0	42	22	1.2	.02	1.2	.54
23...	1345	70	28	8.4	92	0	30	21	.96	.04	1.0	.65
APR.												
06...	1404	40	28	8.7	93	0	34	18	.98	.02	1.0	.85
20...	1535	0	30	9.2	102	0	31	21	.73	.01	.74	.75
MAY												
03...	1438	10	33	11	119	0	33	29	.25	.01	.26	.59
17...	1635	40	33	9.9	116	11	29	27	.06	.01	.07	.48
JUNE												
02...	1337	20	37	11	116	0	43	30	1.2	.01	1.2	.81
15...	1407	10	39	11	118	0	49	38	.76	.01	.77	.69
AUG.												
20...	1705	20	39	13	124	2	52	60	.09	.02	.11	.57
SEP.												
10...	1325	10	34	11	120	0	43	43	.14	.08	.22	.99

293540091093000 BAYOU PENCHANT AT BAYOU CHENE, NEAR AMELIA, LA (CE 53100)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDE D SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
07...	.13	36	--	62	10	195	7.8	24.0	45	35	8.6	--
20...	.22	24	--	110	28	326	8.3	--	30	15	11.3	--
NOV.												
07...	.31	36	--	120	35	363	8.5	25.0	10	20	9.7	--
18...	.29	32	--	150	52	381	7.8	17.0	25	20	10.3	--
DEC.												
02...	1.1	61	--	150	52	405	8.2	13.0	15	40	9.8	--
18...	.81	60	--	140	35	379	7.9	12.0	20	55	10.7	--
JAN.												
05...	2.3	63	<1.0	130	29	378	8.0	6.0	25	40	10.8	10
13...	.19	84	<1.0	130	35	378	7.6	11.5	25	60	10.8	10
27...	.44	288	<1.0	120	27	360	8.0	11.5	45	120	10.4	30
FEB.												
11...	.13	178	<1.0	120	25	358	8.2	15.5	20	30	9.3	10
24...	.27	110	<1.0	120	29	315	8.1	12.0	25	60	9.6	20
MAR.												
10...	.20	154	<1.0	120	45	306	7.9	--	55	80	9.3	14
23...	.21	9	<1.0	100	25	285	7.9	14.5	20	80	7.9	34
APR.												
06...	.21	34	<1.0	110	29	282	7.5	18.5	30	60	7.9	22
20...	.14	78	<1.0	110	26	290	8.1	22.0	20	45	8.2	10
MAY												
03...	.63	46	<1.0	130	30	357	8.1	23.5	20	40	7.8	9
17...	.19	65	<1.0	120	10	343	8.6	25.5	20	45	8.1	39
JUNE												
02...	.15	69	<1.0	140	45	383	7.8	25.5	20	45	7.4	22
15...	.13	57	<1.0	140	46	433	7.9	27.5	5	40	7.5	21
AUG.												
20...	.11	63	<1.0	150	46	504	8.4	--	5	25	10.9	11
SEP.												
10...	.24	157	<1.0	130	32	438	8.0	--	15	55	9.7	16

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
07...	3.5	140	<5	15	.00	150	1	.00	.0	.00	.00	.00
20...	5.6	67	<5	23	.00	0	0	.00	.0	.00	.00	.00
NOV.												
07...	6.4	360	<5	6.4	.00	0	0	.00	.0	.00	.00	.00
18...	7.4	20	<5	8.2	.00	3	--	--	--	--	--	--
DEC.												
02...	2.7	320	--	5.0	.00	0	0	.00	.0	.00	.00	.00
18...	7.5	440	<5	29	.00	1	0	.00	.0	.00	.00	.00
JAN.												
05...	7.6	220	50	11	.00	1	0	.00	.0	.00	.00	.00
13...	5.6	--	<5	9.8	.00	0	0	.00	.0	.00	.00	.00
27...	5.8	1600	--	9.4	.00	0	0	.00	.0	.00	.00	.00
FEB.												
11...	4.5	900	200	7.6	.00	0	0	.00	.0	.00	.00	.00
24...	4.1	360	70	11	.00	1	0	.00	.0	.00	.00	.00
MAR.												
10...	3.3	1100	230	3.4	.00	2	0	.00	.0	.00	.00	.00
23...	1.5	1300	250	7.3	.00	2	0	.00	.0	.00	.00	<.01
APR.												
06...	1.6	570	90	6.4	.00	1	0	.00	.0	.00	.00	.00
20...	1.9	820	180	11	.00	1	0	.00	.0	.00	.00	.00
MAY												
03...	2.9	600	8	4.9	.00	2	0	.00	.0	.00	.00	.00
17...	5.0	700	<5	12	.00	0	0	.00	.0	.00	.00	.00
JUNE												
02...	2.2	1600	30	6.4	.00	2	0	.00	.0	.00	.00	.00
15...	2.1	590	120	4.1	.00	6	0	.00	.0	.00	.00	.00
AUG.												
20...	--	450	20	3.6	.00	3	0	.00	.0	.00	.00	.00
SEP.												
10...	4.9	3200	16	11	.00	6	0	.00	.0	.00	.00	.00

293540091093000 BAYOU PENCHANT AT BAYOU CHENE, NEAR AMELIA, LA (CE 53100)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL D1- AZINON (UG/L)	TOTAL D1- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
07...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
07...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
05...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
13...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
27...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
11...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
24...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
10...	.00	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
23...	.00	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
17...	.00	.00	.00	.00	.00	.00	.00	--	.00	.00	.00	.0
JUNE												
02...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
15...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.												
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
07...	--	0	.00	--	--	--	1	0	0	0	<10	0
20...	--	0	.00	--	--	--	2	2	0	0	<10	0
NOV.												
07...	--	0	.00	--	--	--	1	1	--	0	--	0
18...	--	--	--	--	--	--	2	1	--	0	--	0
DEC.												
02...	.00	0	.00	--	--	--	3	1	1	1	<10	0
18...	--	0	.00	--	--	--	3	1	1	0	<10	0
JAN.												
05...	--	0	.00	--	--	--	2	1	0	0	<10	0
13...	--	0	.00	--	--	--	2	1	0	0	12	0
27...	--	0	.00	--	--	--	4	1	0	0	<10	0
FEB.												
11...	--	0	.00	--	--	--	1	1	2	0	<10	0
24...	--	0	.00	--	--	--	3	1	0	0	<10	0
MAR.												
10...	.00	0	.00	--	--	--	3	1	1	0	<10	0
23...	.00	0	.00	--	--	--	4	1	2	0	30	0
APR.												
06...	.00	0	.00	--	--	--	2	0	0	0	<10	0
20...	.00	0	.00	--	--	--	2	0	0	0	<10	0
MAY												
03...	.00	0	.00	--	--	--	2	0	0	0	<10	0
17...	.00	0	.00	--	--	--	3	1	1	1	20	0
JUNE												
02...	.00	0	.00	--	--	--	3	1	0	0	10	0
15...	.00	0	.00	--	--	--	2	1	0	0	20	0
AUG.												
20...	.00	0	.00	.04	.02	.01	2	1	0	0	<10	0
SEP.												
10...	.00	0	.00	.02	.01	.02	6	3	3	0	10	0

MISSISSIPPI RIVER DELTA

293540091093000 BAYOU PENCHANT AT BAYOU CHENE, NEAR AMELIA, LA (CE 53100)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDED MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
07...	--	--	0	0	.1	.0	.1	--	--	20	0
20...	--	--	3	0	.0	.0	.0	--	--	30	0
NOV.											
07...	--	--	--	0	.0	.0	.0	--	--	--	0
18...	--	--	--	0	.0	.0	.0	--	--	--	0
DEC.											
02...	--	--	2	0	.0	.0	.0	--	--	30	0
18...	--	--	9	0	.1	.1	.0	--	--	40	0
JAN.											
05...	5	1	7	3	.2	.0	.2	2	0	20	0
13...	5	3	2	0	.0	.0	.0	6	0	20	0
27...	9	4	8	0	.0	.0	.0	13	0	40	10
FEB.											
11...	5	3	3	0	.0	.0	.0	8	0	20	0
24...	7	3	0	0	.0	.0	.0	10	0	20	0
MAR.											
10...	7	3	9	0	.1	.1	.0	6	0	30	10
23...	7	3	8	0	.0	.0	.0	8	0	40	0
APR.											
06...	5	4	0	0	.0	.0	.0	0	0	30	0
20...	3	3	5	0	.0	.0	.0	5	0	20	0
MAY											
03...	4	4	0	0	.1	.1	.0	7	7	20	0
17...	4	2	0	0	.0	.0	.0	8	0	20	10
JUNE											
02...	8	6	20	0	.1	.0	.1	15	0	80	20
15...	5	5	7	0	.2	.0	.2	8	0	10	0
AUG.											
20...	3	3	5	0	.9	.8	.1	4	4	30	0
SEP.											
10...	5	5	7	0	.1	.1	.0	7	3	30	20

292215091231500 ATCHAFALAYA BAY AT EUGENE ISLAND, NEAR MORGAN CITY, LA (CE 88600)

LOCATION.--Lat 29°22'15", long 91°23'15", in T.19 S., R.11 E., St. Mary Parish, 1.2 mi (1.9 km) northeast of Point Au Fer light, and 25 mi (40 km) southwest of Morgan City.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974-76.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
07...	1708	20	65	85	135	0	220	1100	.68	.00	.68	--
20...	1617	0	54	45	121	0	140	530	.72	.01	.73	--
NOV.												
07...	1510	0	72	110	105	0	250	1500	.44	.00	.44	--
17...	1508	0	130	300	118	0	830	4400	.39	.01	.40	--
DEC.												
04...	1317	10	52	57	118	0	150	710	.86	.01	.87	--
18...	1259	30	38	14	124	0	56	53	.73	.01	.74	--
JAN.												
05...	1534	30	35	12	120	0	50	34	.94	.04	.98	.72
15...	1301	0	35	11	111	0	49	26	1.2	.05	1.2	.47
27...	1350	0	34	10	108	0	40	24	.95	.03	.98	.53
FEB.												
10...	1720	20	32	8.9	103	0	36	23	.81	.06	.87	.75
24...	1317	0	35	10	113	0	41	32	.80	.03	.83	.83
MAR.												
10...	1530	50	32	9.5	92	0	40	32	1.2	.01	1.2	.54
23...	1322	40	28	8.5	91	0	30	21	1.1	.05	1.1	.74
APR.												
07...	1445	10	37	34	90	0	84	410	.99	.01	1.0	.42
20...	1515	10	42	46	103	0	110	630	.72	.01	.73	.72
MAY												
03...	1419	0	38	15	117	0	48	110	.78	.04	.82	.91
17...	1619	70	38	24	107	0	59	250	1.5	.02	1.5	.82
JUNE												
02...	1318	60	35	12	117	0	42	35	1.3	.02	1.3	.95
15...	1347	10	58	79	123	0	190	1100	.90	.01	.91	.47
AUG.												
20...	1645	20	88	180	138	0	380	2400	.00	.01	.01	.79
SEP.												
10...	1305	50	58	57	141	0	140	750	.20	.01	.21	.69

292215091231500 ATCHAFALAYA BAY AT EUGENE ISLAND, NEAR MORGAN CITY, LA (CE 88600)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDE D SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA, MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
07...	.21	32	--	510	400	4190	8.2	22.5	15	20	8.0	--
20...	1.7	40	--	320	220	2130	8.0	22.0	15	30	8.3	--
NOV.												
07...	.11	27	--	630	540	5330	7.9	24.0	5	15	7.8	--
17...	.41	46	--	1600	1500	13000	7.8	16.5	15	25	9.5	--
DEC.												
04...	.19	54	--	360	260	2650	8.2	14.5	5	30	--	--
18...	.24	165	--	150	48	438	7.7	9.5	10	70	10.4	--
JAN.												
05...	.63	120	<1.0	140	42	403	7.9	7.0	30	60	10.8	12
15...	.34	310	<1.0	130	42	348	7.8	8.5	15	80	10.8	10
27...	.29	164	<1.0	130	38	334	7.9	8.0	25	60	10.8	310
FEB.												
10...	.24	116	<1.0	120	32	326	7.8	9.0	30	60	9.8	15
24...	.14	54	<1.0	130	37	366	7.9	13.0	20	40	9.7	25
MAR.												
10...	.25	94	<1.0	120	44	310	8.1	--	35	75	9.2	5
23...	.22	136	<1.0	110	35	281	7.8	14.5	25	85	8.0	34
APR.												
07...	.15	80	<1.0	230	160	1600	7.7	17.5	15	40	7.1	14
20...	.11	82	<1.0	290	210	2160	8.2	21.5	15	40	8.5	16
MAY												
03...	.92	92	<1.0	160	61	639	8.0	21.5	15	70	7.3	17
17...	.23	95	<1.0	190	110	1110	8.1	22.5	15	100	7.5	37
JUNE												
02...	.17	121	<1.0	140	41	419	7.8	25.0	20	70	7.9	22
15...	.09	38	<1.0	470	370	3700	8.0	27.0	5	25	8.6	40
AUG.												
20...	.20	26	<1.0	960	850	8220	8.2	--	3	8	10.6	130
SEP.												
10...	.10	40	<1.0	380	260	2770	8.3	--	10	25	9.6	24

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
07...	.9	640	20	4.2	.00	0	2	.00	.0	.00	.00	.00
20...	2.0	320	30	6.2	.00	0	0	.00	.0	.00	.00	.00
NOV.												
07...	2.5	250	<5	5.4	.00	0	0	.00	.0	.00	.00	.00
17...	3.0	300	<5	14	.00	0	0	.00	.0	.00	.00	.00
DEC.												
04...	--	--	--	4.6	.00	2	0	.00	.0	.00	.00	.00
18...	6.0	1000	230	7.2	.00	0	53	.00	.0	.00	.00	.00
JAN.												
05...	7.4	1200	210	8.6	.00	1	0	.00	.0	.00	.00	.00
15...	7.5	1600	120	11	.00	4	0	.00	.0	.00	.00	.00
27...	2.5	1000	180	6.4	.00	1	0	.00	.0	.00	.00	.00
FEB.												
10...	.2	350	140	5.0	.00	0	0	.00	.0	.00	.00	.00
24...	1.5	440	70	8.6	.00	5	0	.00	.0	.00	.00	.00
MAR.												
10...	2.5	900	140	--	.00	1	0	.00	.0	.00	.00	.00
23...	1.5	1200	190	12	.00	3	0	.00	.0	.00	.00	.00
APR.												
07...	1.2	330	--	12	.00	2	0	.00	.0	.00	.00	.00
20...	2.0	500	80	13	.00	2	0	.00	.0	.00	.00	.00
MAY												
03...	.7	2100	230	3.8	.00	5	0	.00	.0	.00	.00	.00
17...	.6	2300	200	8.0	.00	0	0	.00	.0	.00	.00	.00
JUNE												
02...	4.0	2100	40	7.4	.00	0	0	.00	.0	.00	.00	.00
15...	6.5	890	27	--	.00	2	0	.00	.0	.00	.00	.00
AUG.												
20...	--	380	5	3.2	.00	3	0	.00	.0	.00	.00	.00
SEP.												
10...	3.8	60	<5	5.8	.00	8	0	.00	.0	.00	.00	.00

292215091231500 ATCHAFALAYA BAY AT EUGENE ISLAND, NEAR MORGAN CITY, LA (CE 88600)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
07...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
07...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
17...	.00	<.01	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
04...	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
05...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
15...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
27...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
24...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
23...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
07...	.32	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
17...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JUNE												
02...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
15...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.												
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
07...	.00	0	.00	--	--	--	2	1	0	0	<10	0
20...	.00	0	.00	--	--	--	2	1	0	0	<10	0
NOV.												
07...	.00	0	.00	--	--	--	1	1	--	0	--	0
17...	.00	0	.00	--	--	--	2	1	0	0	<10	0
DEC.												
04...	.00	0	.00	--	--	--	2	1	0	0	20	0
18...	.00	0	.00	--	--	--	4	1	3	0	20	0
JAN.												
05...	.00	0	.00	--	--	--	2	1	0	0	11	0
15...	.00	0	.00	--	--	--	11	0	1	0	20	0
27...	.00	0	.00	--	--	--	3	1	0	0	20	0
FEB.												
10...	.00	0	.00	--	--	--	3	0	1	0	10	0
24...	.00	0	.00	--	--	--	2	1	0	0	60	0
MAR.												
10...	.00	0	.00	--	--	--	1	1	0	0	20	0
23...	.00	0	.00	--	--	--	5	1	1	0	20	0
APR.												
07...	.00	0	.00	--	--	--	3	1	0	0	20	0
20...	.00	0	.00	--	--	--	1	0	0	0	<10	0
MAY												
03...	.00	0	.00	--	--	--	2	0	0	0	10	0
17...	.00	0	.00	--	--	--	4	1	1	0	30	0
JUNE												
02...	.00	0	.00	--	--	--	3	1	3	0	20	0
15...	.00	0	.00	--	--	--	2	1	3	0	10	0
AUG.												
20...	.00	0	.00	.03	.02	.00	2	1	0	0	30	0
SEP.												
10...	.00	0	.00	.03	.02	.00	4	2	0	0	20	0

MISSISSIPPI RIVER DELTA

292215091231500 ATCHAFALAYA BAY AT EUGENE ISLAND, NEAR MORGAN CITY, LA (CE 88600)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDED MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
07...	--	--	2	0	.1	.0	.1	--	--	20	0
20...	--	--	2	0	.0	.0	.0	--	--	10	3
NOV.											
07...	--	--	--	2	.0	.0	.0	--	--	--	4
17...	--	--	0	0	.0	.0	.0	--	--	40	10
DEC.											
04...	--	--	8	0	.9	.6	.3	--	--	10	10
18...	--	--	6	0	.2	.0	.2	--	--	40	0
JAN.											
05...	13	6	9	0	.2	.0	.2	6	0	30	10
15...	7	0	6	0	.0	.0	.0	20	0	30	10
27...	6	3	8	0	.0	.0	.0	14	0	30	20
FEB.											
10...	5	3	0	0	.0	.0	.0	8	0	30	10
24...	7	3	0	0	.0	.0	.0	12	0	20	0
MAR.											
10...	6	6	9	0	--	--	.0	6	0	30	0
23...	8	4	8	0	.0	.0	.0	10	0	30	0
APR.											
07...	6	3	2	0	.0	.0	.0	4	0	30	10
20...	4	4	4	0	.0	.0	.0	4	0	20	0
MAY											
03...	7	7	0	0	.2	.2	.0	5	0	30	0
17...	7	6	0	0	.1	.0	.1	8	4	10	0
JUNE											
02...	15	10	14	0	.2	.0	.2	12	0	90	10
15...	9	5	7	0	.1	.0	.1	12	0	10	0
AUG.											
20...	3	0	1	0	.1	.0	.1	3	2	30	10
SEP.											
10...	4	4	7	0	.1	.1	.0	4	3	30	20

07381655 ELLIOT JONES CANAL AT GREENWOOD, LA

LOCATION.--Lat 29°36'54", long 90°54'42", in lot 14, T.17 S., R.15 E., Terrebonne Parish, on north side of canal at Shell Oil Co. boat dock, 0.6 mi (1.0 km) southwest of Greenwood, and 1.3 mi (2.1 km) downstream from Bayou Black.

PERIOD OF RECORD.--March 1974 to current year (elevations only).

GAGE.--Water-stage recorder. Datum of gage is at mean sea level.

REMARKS.--Elevation affected by tide at low stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 3.97 ft (1.210 m) May 31, 1975; minimum, 1.12 ft (0.341 m) Aug. 11, 1976.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 2.62 ft (0.799 m) Mar. 31; minimum, 1.12 ft (0.341 m) Aug. 11.

ELEVATION, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.04	2.00	1.99	2.21	1.85	1.82	2.54	2.05	2.11	1.91	1.54	1.75
2	1.81	2.20	2.07	2.21	1.55	1.87	2.52	1.85	2.16	1.75	1.41	1.77
3	1.59	2.32	2.11	2.27	1.61	1.89	2.48	1.78	2.08	1.83	1.33	1.73
4	1.67	2.39	2.12	1.93	1.47	1.95	2.44	1.64	2.08	1.92	1.34	1.68
5	1.76	2.38	2.10	1.77	1.43	2.04	2.42	1.60	1.97	1.87	1.47	1.60
6	1.88	2.40	2.12	1.73	1.73	2.04	2.42	1.87	2.07	1.86	1.55	1.51
7	1.95	2.45	2.05	1.92	1.57	1.90	2.42	1.94	2.14	1.91	1.55	1.56
8	1.98	2.42	1.92	1.88	1.46	1.87	2.44	2.09	2.14	1.90	1.30	1.63
9	2.02	2.42	1.69	1.54	1.50	2.11	2.40	1.94	2.13	1.89	1.12	1.65
10	2.04	2.48	1.63	1.60	1.56	1.95	2.40	1.96	2.08	1.91	1.33	1.51
11	2.02	2.37	1.65	1.67	1.59	1.93	2.38	2.17	2.03	1.87	1.38	1.27
12	1.95	2.41	1.66	---	1.65	2.06	2.38	2.13	1.98	1.86	1.50	1.56
13	1.93	2.14	1.85	---	1.72	2.11	2.37	2.13	1.98	1.91	1.44	1.70
14	1.96	1.68	2.02	---	1.72	2.05	2.35	2.28	1.93	1.85	1.55	1.93
15	2.05	1.66	2.08	---	1.75	2.13	2.37	2.27	2.02	1.83	1.70	1.99
16	2.33	1.65	2.18	---	1.72	2.14	2.40	2.17	2.09	1.71	1.65	1.92
17	2.34	1.79	2.19	---	1.75	2.06	2.50	2.15	2.10	1.64	1.61	1.82
18	2.14	1.89	1.90	---	1.94	2.08	2.57	2.09	2.01	1.68	1.44	1.70
19	2.00	1.95	1.57	---	1.75	2.12	2.59	1.86	1.95	1.61	1.47	1.65
20	1.97	2.15	1.66	---	1.55	2.20	2.59	1.87	1.83	1.66	1.65	1.65
21	1.94	2.03	1.69	---	1.72	2.26	2.59	1.84	1.67	1.69	1.65	1.63
22	2.00	1.75	1.43	---	2.00	2.26	2.51	1.81	1.68	1.69	1.55	1.55
23	2.03	1.48	1.59	---	1.43	2.26	2.42	1.82	1.76	1.67	1.50	1.66
24	2.17	1.49	1.55	---	1.47	2.24	2.38	1.95	1.94	1.55	1.50	1.67
25	2.15	1.47	1.86	---	1.49	2.32	2.37	1.90	2.01	1.51	1.36	1.62
26	2.05	1.62	1.85	---	1.57	2.41	2.19	1.83	2.01	1.62	1.36	1.86
27	1.91	1.83	1.68	---	1.63	2.50	2.03	2.02	1.95	1.62	1.34	2.00
28	1.98	1.86	1.85	---	1.62	2.48	1.94	2.08	1.87	1.67	1.48	1.87
29	1.95	2.02	2.18	---	1.67	2.51	1.98	1.88	1.85	1.70	1.59	1.87
30	1.90	2.15	2.27	1.40	---	2.58	2.06	1.89	1.83	1.71	1.68	1.64
31	1.78	---	2.27	1.54	---	2.60	---	1.98	---	1.62	1.86	---
MEAN	1.98	2.03	1.90	---	1.64	2.15	2.38	1.96	1.98	1.76	1.49	1.70
MAX	2.34	2.48	2.27	2.27	2.00	2.60	2.59	2.28	2.16	1.92	1.86	2.00
MIN	1.59	1.47	1.43	---	1.43	1.82	1.94	1.60	1.67	1.51	1.12	1.27

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA.

LOCATION.--Lat 30°04'15", long 91°49'45", on line between lots 8 and 17, T. 11 S., R. 6 E., St. Martin Parish, on right bank of concrete lock and dam, 3.5 mi (5.6 km) south of St. Martinville, and 11 mi (18 km) upstream from Loreauville Canal.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1959 to current year. Daily gage heights since July 1913 in reports of Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is mean low Gulf level or 0.78 ft (0.238 m) below mean sea level (Corps of Engineers bench mark).

REMARKS.--Records good. Bayou Teche heads in Bayou Courtableau at Port Barre. At high stages, considerable flow bypasses station by way of Bayou Courtableau at weirs near Krotz Springs. There is controlled diversion to or from Red River and Old River overflow area through Bayou des Glaisses floodgates and to or from West Atchafalaya Floodway through Big Darbonne Bayou culvert and since April 1956 through Bayou Courtableau Drainage Structure. Since April 1952, floodflow is diverted from Bayou Rapides (drainage area, 76.1 mi² or 197 km²) into Bayou Boeuf when stages of Red River make it necessary to close gates at mouth of Bayou Rapides. Dependent upon its gradient, Bayou Fusilier interchanges flow between Bayou Teche and Vermilion River. Water for irrigation is diverted through Ruth Canal (see sta 07386700) into Vermilion River. Crest of dam raised from 8.0 ft (2.44 m) to 9.47 ft (2.866 m) in June 1957.

AVERAGE DISCHARGE.--17 years, 492 ft³/s (13.93 m³/s), 356,500 acre-ft/yr (440 hm³/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,970 ft³/s (112 m³/s) Sept. 5, 1973, maximum gage height, 15.59 ft (4.752 m) Oct. 4, 1964; minimum discharge, no flow Aug. 10-29, 1962, June 12-16, 1963, July 24, 1964, July 21, 1972.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,130 ft³/s (60.32 m³/s) Mar. 25, gage height, 11.80 ft (3.597 m); minimum, 120 ft³/s (3.40 m³/s) May 5, gage height, 9.84 ft (2.999 m).

DISCHARGE* IN CUBIC FEET PER SECOND* WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	351	537	626	528	592	312	807	228	369	270	426	239
2	329	541	642	476	675	294	811	197	322	300	436	254
3	309	542	612	699	715	276	771	192	322	360	458	274
4	293	546	561	674	693	249	753	166	369	423	355	287
5	286	548	570	575	630	269	730	155	413	476	304	283
6	274	545	629	515	964	252	702	183	440	502	276	272
7	259	538	628	573	1040	214	677	198	442	427	233	264
8	255	534	574	504	911	251	673	283	441	426	188	257
9	255	512	540	471	671	223	654	475	465	413	170	254
10	250	509	517	508	534	266	638	685	454	381	156	245
11	251	469	498	543	543	457	633	760	440	365	156	231
12	254	441	480	553	522	427	616	818	409	362	233	223
13	246	396	450	521	451	419	618	826	374	336	232	218
14	240	371	420	487	443	433	623	785	325	320	224	214
15	252	341	398	481	488	529	610	724	293	355	214	200
16	266	315	373	495	524	632	606	684	415	403	208	196
17	227	294	361	483	524	654	604	662	462	529	210	190
18	311	275	351	474	535	585	604	613	461	622	215	190
19	500	258	349	464	485	533	591	551	466	619	215	184
20	625	266	359	457	450	476	574	506	489	597	213	171
21	574	262	368	432	519	454	579	508	510	555	210	171
22	467	267	365	413	607	430	559	517	492	531	208	161
23	418	280	359	391	644	445	549	500	492	522	201	167
24	388	292	352	382	555	557	535	488	459	491	196	163
25	395	303	363	384	485	1830	530	482	436	458	197	164
26	396	362	492	467	502	1620	470	478	402	433	198	161
27	405	438	633	599	498	1580	300	495	363	387	196	180
28	455	495	663	620	355	1470	264	479	316	401	201	279
29	543	533	844	603	325	1320	248	451	281	419	201	283
30	604	610	718	546	---	1180	245	426	250	445	220	236
31	586	---	597	518	---	1020	---	404	---	443	221	---
TOTAL	11264	12620	15692	15836	16880	20057	17654	14919	12172	13571	7371	6611
MEAN	363	421	506	511	562	647	588	481	406	438	238	220
MAX	625	610	844	699	1040	1830	887	826	510	622	458	287
MIN	227	258	349	382	325	214	245	155	250	270	156	161
AC-FT	22340	25030	31130	31410	33480	39740	35020	29590	24140	26920	14620	13110
CAL YR 1975	TOTAL	239371	MEAN 556	MAX 1760	MIN 227	AC-FT 474800						
WTR YR 1976	TOTAL	164647	MEAN 450	MAX 1830	MIN 155	AC-FT 326600						

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.22	10.45	10.55	10.44	10.52	10.17	10.83	10.05	10.25	10.11	10.32	10.07
2	10.20	10.46	10.57	10.38	10.61	10.15	10.75	9.99	10.19	10.16	10.33	10.09
3	10.17	10.46	10.54	10.63	10.65	10.12	10.71	9.98	10.19	10.24	10.36	10.12
4	10.15	10.46	10.48	10.60	10.62	10.08	10.69	9.93	10.25	10.32	10.23	10.14
5	10.14	10.47	10.49	10.50	10.56	10.11	10.67	9.91	10.30	10.38	10.16	10.13
6	10.12	10.46	10.56	10.43	10.89	10.09	10.64	9.97	10.34	10.41	10.12	10.12
7	10.10	10.46	10.56	10.50	10.97	10.02	10.61	9.99	10.34	10.32	10.06	10.10
8	10.09	10.45	10.50	10.42	10.85	10.08	10.60	10.13	10.34	10.32	9.98	10.09
9	10.09	10.43	10.46	10.38	10.60	10.32	10.58	10.38	10.37	10.31	9.94	10.09
10	10.08	10.42	10.43	10.42	10.45	10.37	10.57	10.61	10.36	10.26	9.91	10.07
11	10.08	10.37	10.41	10.46	10.46	10.36	10.56	10.70	10.34	10.24	9.91	10.05
12	10.09	10.34	10.39	10.47	10.44	10.32	10.54	10.76	10.30	10.24	10.05	10.04
13	10.08	10.28	10.35	10.44	10.35	10.31	10.54	10.77	10.26	10.20	10.05	10.03
14	10.07	10.25	10.31	10.40	10.34	10.33	10.55	10.72	10.19	10.18	10.04	10.02
15	10.08	10.21	10.29	10.39	10.40	10.45	10.54	10.66	10.15	10.23	10.02	10.00
16	10.11	10.18	10.25	10.40	10.44	10.56	10.53	10.62	10.31	10.29	10.01	9.99
17	10.04	10.15	10.24	10.39	10.44	10.58	10.53	10.59	10.37	10.44	10.02	9.98
18	10.17	10.12	10.22	10.38	10.45	10.51	10.53	10.54	10.37	10.55	10.02	9.98
19	10.41	10.10	10.22	10.37	10.39	10.45	10.51	10.47	10.37	10.54	10.02	9.97
20	10.55	10.11	10.24	10.36	10.35	10.38	10.50	10.42	10.40	10.52	10.02	9.94
21	10.50	10.10	10.25	10.33	10.43	10.36	10.50	10.42	10.42	10.47	10.02	9.94
22	10.37	10.11	10.24	10.31	10.53	10.33	10.48	10.43	10.40	10.45	10.01	9.92
23	10.31	10.13	10.24	10.28	10.56	10.35	10.47	10.41	10.40	10.44	10.00	9.93
24	10.17	10.15	10.23	10.27	10.47	10.46	10.45	10.40	10.36	10.40	9.99	9.93
25	10.28	10.16	10.24	10.27	10.39	11.60	10.45	10.39	10.33	10.36	9.99	9.93
26	10.28	10.24	10.40	10.37	10.41	11.45	10.37	10.39	10.29	10.33	10.00	9.92
27	10.30	10.34	10.56	10.52	10.41	11.42	10.16	10.41	10.24	10.27	9.99	9.96
28	10.36	10.41	10.59	10.55	10.23	11.34	10.10	10.39	10.18	10.29	10.00	10.10
29	10.46	10.45	10.78	10.53	10.19	11.21	10.08	10.35	10.13	10.31	10.00	10.13
30	10.53	10.54	10.65	10.46	---	11.10	10.07	10.32	10.08	10.35	10.03	10.06
31	10.51	---	10.52	10.43	---	10.95	---	10.29	---	10.34	10.03	---
MEAN	10.23	10.31	10.41	10.42	10.50	10.53	10.50	10.37	10.29	10.33	10.05	10.03
MAX	10.55	10.54	10.78	10.63	10.97	11.60	10.83	10.77	10.42	10.55	10.36	10.14
MIN	10.04	10.10	10.22	10.27	10.19	10.02	10.07	9.91	10.08	10.11	9.91	9.92
CAL YR 1975	MEAN 10.57		MAX 11.54	MIN 10.04								
WTR YR 1976	MEAN 10.33		MAX 11.60	MIN 9.91								

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA--Continued
(National stream-quality accounting network station)

PERIOD OF RECORD.--Water years 1966-67, 1975-76.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1974 to current year.

WATER TEMPERATURES: October 1974 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 414 micromhos Sept. 18, 22, 1976; minimum, 67 micromhos Jan. 10, 1975.

WATER TEMPERATURES: Maximum, 32.5°C July 22, 1975; minimum, 7.5°C Jan. 8, 1976.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 414 micromhos Sept. 18, 22; minimum, 72 micromhos Mar. 29.

WATER TEMPERATURES: Maximum, 32.0°C Aug. 25; minimum, 7.5°C Jan. 8.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- CHARGE (CFS)	DIS- SOLVED SILICA (SiO ₂) (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO ₃) (MG/L)	CAR- BONATE (CO ₃) (MG/L)	DIS- SOLVED SULFATE (SO ₄) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)
OCT. 17...	1410	227	13	24	9.0	19	3.7	103	0	13	25	.2
NOV. 13...	1700	396	13	24	7.4	14	3.8	95	0	16	17	.1
DEC. 11...	1415	498	12	17	5.0	12	3.5	66	0	13	16	.2
JAN. 13...	1445	521	10	11	4.3	10	2.3	44	0	11	15	.2
FEB. 13...	1030	451	6.8	8.3	2.3	0.0	2.6	36	0	9.3	10	.1
MAR. 10...	1000	466	9.0	18	6.4	13	2.7	83	0	10	17	.2
APR. 13...	0945	618	6.8	8.2	3.3	8.1	2.0	44	0	5.7	9.6	.2
MAY 19...	0945	551	7.6	8.6	3.8	8.0	2.9	42	0	6.1	9.4	.1
JUNE 17...	1300	462	9.7	21	8.1	12	2.9	94	0	12	14	.2
JULY 21...	0815	555	9.4	14	5.1	12	2.9	65	0	6.7	14	.2
AUG. 05...	1850	304	9.2	13	5.0	11	3.3	66	0	4.9	17	.2
SEP. 01...	1130	239	14	24	10	26	3.0	123	0	7.4	33	.3

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL AMMONIA NITRO- GEN (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)
OCT. 17...	.21	.01	.22	.12	.78	.28	166	158	97	13	283
NOV. 13...	.27	.01	.28	.05	.59	.21	158	142	90	12	226
DEC. 11...	.35	.02	.37	.10	.90	.24	110	111	63	9	189
JAN. 13...	.12	.02	.14	.07	.62	.20	102	85	45	9	139
FEB. 13...	.15	.04	.19	.14	.97	.33	70	65	30	1	112
MAR. 10...	.24	.02	.26	.16	.66	.27	138	117	71	3	206
APR. 13...	.14	.03	.17	.08	.86	.20	80	66	34	0	112
MAY 19...	--	--	.35	--	.86	.27	105	67	37	3	107
JUNE 17...	--	--	.49	--	.74	.12	138	126	86	9	229
JULY 21...	--	--	.30	--	.26	.31	90	96	56	3	168
AUG. 05...	--	--	.26	--	.61	.41	92	96	53	0	169
SEP. 01...	--	--	.18	--	.81	.51	182	178	100	0	327

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

[illegible]

MISSISSIPPI RIVER DELTA

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA --Continued

OCT. 17, 1975
1410 HOURS

IDENTIFICATION OF PHYTOPLANKTON

110 CELLS/ML

_ORGANISM__NAME_____	_COMMON__NAME_____	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
...VOLVOCALES			
...CHLAMYDOMONADACEAE			
DCARTERIA		36	33
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAF			
LMELOSIRA			0
..PENNALES	PENNATE		
...NAVICULACEAE	NAVICULOID		
DNAVICULA		18	17
...NITZSCHACEAE			
DNITZSCHIA		45	42
EUGLENOPHYTA	EUGLENOIDS		
..EUGLENOPHYCEAE			
..EUGLENALES			
...EUGLENACEAE			
....EUGLENA		9	8

NOV. 13, 1975
1700 HOURS

IDENTIFICATION OF PHYTOPLANKTON

100 CELLS/ML

_ORGANISM__NAME_____	_COMMON__NAME_____	CELLS/ML	PER_CENT
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..PENNALES	PENNATE		
...GOMPHONEMACEAE			
....GOMPHONEMA		6	6
...NAVICULACEAE	NAVICULOID		
DNAVICULA		42	41
...PINNULARIA		6	6
...NITZSCHACEAE			
DNITZSCHIA		48	47

DEC. 11, 1975
1415 HOURS

IDENTIFICATION OF PHYTOPLANKTON

110 CELLS/ML

_ORGANISM__NAME_____	_COMMON__NAME_____	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
LANKISTRODESMUS			0
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAF			
....CYCLOTETRA		11	10
..PENNALES	PENNATE		
...ACHNANTHACEAE			
LACHNANTHES			0
...EUNOTIACEAE			
LEUNOTIA			0
...NAVICULACEAE	NAVICULOID		
DNAVICULA		80	70
...NITZSCHACEAE			
...NITZSCHIA		11	10
...SURIRELLACEAE			
....SURIRELLA		11	10

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA --Continued

JAN. 13, 1976
1445 HOURS

IDENTIFICATION OF PHYTOPLANKTON

440 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
....ANKISTRODESMUS		34	8
....SELENASTRUM		34	8
...SCENEDESMACEAE			
DSCENEDESMUS		67	15
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..PENNALES	PENNATE		
...NAVICULACEAE	NAVICULOID		
DNAVICULA		270	62
...NITZSCHIA			
....NITZSCHIA		34	8

FEB. 13, 1976
1030 HOURS

IDENTIFICATION OF PHYTOPLANKTON

130 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCAEAE			
LMELOSIRA			0
..PENNALES	PENNATE		
...FRAGILARIACEAE			
...FRAGILARIA		19	14
...GOMPHONEMACEAE			
DGOMPHONEMA		25	19
...NAVICULACEAE	NAVICULOID		
LGYROSIGMA			0
DNAVICULA		81	62
...NITZSCHIA			
....NITZSCHIA		6	5

MAR. 10, 1976
1000 HOURS

IDENTIFICATION OF PHYTOPLANKTON

250 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..VOLVOCALES			
...CHLAMYDOMONADACEAE			
....CHLAMYDOMONAS		7	3
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCAEAE			
LMELOSIRA			0
..PENNALES	PENNATE		
...ACHNANTHACEAE			
....ACHNANTHES		7	3
...GOMPHONEMACEAE			
....GOMPHONEMA		7	3
...NAVICULACEAE	NAVICULOID		
....GYROSIGMA		7	3
DNAVICULA		78	31
...NITZSCHIA			
....NITZSCHIA		21	8
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
...OSCILLATORIALES	FILAMENTOUS		
....OSCILLATORIA		130	50

MISSISSIPPI RIVER DELTA

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA --Continued

MAY 19, 1976
0945 HOURS

IDENTIFICATION OF PHYTOPLANKTON

41 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..PENNALES	PENNATE		
....NAVICULACEAE	NAVICULOID		
DNAVICULA		29	71
....NITZSCHIA			
DNITZSCHIA		12	29

JUNE 17, 1976
1300 HOURS

IDENTIFICATION OF PHYTOPLANKTON

240 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..ZYGNEMATALES			
....DESMIDIACEAE	PLACODERM DESMIDS		
DHAMMUSIA		170	71
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..PENNALES	PENNATE		
....FRAGILARIACEAE			
DSYNEDRA		43	18
....GOMPHONEMACEAE			
....GOMPHONEMA		14	6
....NAVICULACEAE	NAVICULOID		
....GYROSIGMA		14	6

JULY 21, 1976
0815 HOURS

IDENTIFICATION OF PHYTOPLANKTON

50 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
....SCENEDESMACEAE			
DSCENEDESMUS		15	31
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
....COSCINODISCACEAE			
....CYCLOTELLA		4	8
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..OSCILLATORIALES	FILAMENTOUS		
....OSCILLATORIA			
DOSCILLATORIA		19	38
EUGLENOPHYTA	EUGLENOIDS		
..EUGLENOPHYCEAE			
..EUGLENALES			
....EUGLENACEAE			
DTRACHELOMONAS		12	23

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA --Continued

AUG. 5, 1976
1850 HOURS

IDENTIFICATION OF PHYTOPLANKTON

140 CELLS/ML

_ORGANISM__NAME_____	_COMMON__NAME_____	CELLS/ML	PER_CENT
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..OSCILLATORIALES	FILAMENTOUS		
...OSCILLATORIA			
D ...OSCILLATORIA		140	97
EUGLENOPHYTA	EUGLENIDS		
..EUGLENOPHYCEAE			
..EUGLENALES			
...EUGLENACEAE			
....TRACHELOMONAS		5	3

SEP. 1, 1976
1130 HOURS

IDENTIFICATION OF PHYTOPLANKTON

540 CELLS/ML

_ORGANISM__NAME_____	_COMMON__NAME_____	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
....ANKISTHODESMUS		6	1
..VOLVOCALES			
...VOLVOCAEAE			
D ...PANDORINA		220	41
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
....CYCLOTELLA		6	1
..PENNALES	PENNATE		
...NITZSCHIAEAE			
....NITZSCHIA		6	1
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..CHROOCOCCALES	COCCOID		
...CHROOCOCCACEAE			
L ...AGMENELLUM			0
..OSCILLATORIALES	FILAMENTOUS		
...NOSTOCACEAE			
....CYLINDROSPERMUM		56	10
...OSCILLATORIAEAE			
D ...OSCILLATORIA		120	22
EUGLENOPHYTA	EUGLENIDS		
..EUGLENOPHYCEAE			
..EUGLENALES			
...EUGLENACEAE			
....EUGLENA		22	4
....PHACUS		6	1
D ...TRACHELOMONAS		100	19

NOTE: D - DOMINANT ORGANISM; GREATER OR EQUAL TO 15%
 L - LESS THEN 1%; MAY NOT HAVE BEEN ACTUALLY COUNTED
 ANALYSIS METHOD: SEDGWICK-RAFTER CHAMBER, 200-X MICROSCOPE

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	143	115	140	174	150	158	98	240	184	187	150	315
2	149	---	185	153	137	162	105	248	195	210	149	334
3	157	100	238	146	130	160	123	294	215	204	155	345
4	164	119	290	172	120	167	134	288	226	192	162	324
5	166	121	246	129	118	192	135	274	222	208	163	284
6	161	127	217	144	116	210	122	289	213	164	172	247
7	162	124	172	150	113	214	121	300	218	141	198	276
8	168	126	159	154	102	199	124	285	176	158	203	326
9	177	135	184	167	92	206	120	306	193	195	206	274
10	183	159	236	156	97	209	120	290	237	246	208	285
11	198	184	196	152	104	206	121	209	243	217	209	339
12	208	212	191	140	104	200	112	156	251	197	225	346
13	214	225	188	136	108	182	112	134	239	203	259	345
14	221	223	187	145	110	165	112	90	249	225	240	337
15	250	228	184	149	116	149	107	98	255	254	251	364
16	269	---	184	146	108	158	108	101	238	283	265	369
17	279	---	193	---	102	150	110	101	229	242	248	375
18	---	241	198	149	107	148	103	111	218	207	251	414
19	---	245	224	141	106	147	101	118	154	204	275	---
20	213	250	214	148	112	152	101	129	220	203	284	411
21	117	256	213	169	115	142	113	133	192	164	290	413
22	136	253	204	171	115	140	136	134	157	131	287	414
23	131	---	204	208	122	139	156	139	159	124	294	374
24	118	243	204	214	132	134	182	138	130	123	265	351
25	121	227	210	226	140	104	180	139	142	115	277	336
26	124	206	217	226	137	86	186	144	153	119	---	314
27	119	192	---	213	144	97	200	153	152	119	315	295
28	112	216	244	249	145	84	218	164	153	160	333	296
29	145	205	165	180	151	72	228	184	157	144	337	255
30	116	233	150	160	---	82	238	189	157	147	---	---
31	105	---	149	138	---	91	---	183	---	150	342	---

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.0	20.5	15.5	10.5	10.5	19.0	18.5	22.0	24.0	27.0	30.0	27.0
2	22.0	---	13.0	14.0	10.0	19.5	19.0	21.5	25.0	28.5	29.0	30.5
3	20.5	22.5	11.5	11.5	10.0	20.0	19.0	26.0	26.0	29.0	27.5	28.5
4	23.5	22.0	11.5	9.0	12.0	21.0	21.0	21.5	25.5	28.0	28.0	28.5
5	25.5	21.5	13.5	8.0	15.5	21.5	20.0	23.0	26.5	28.0	28.5	27.0
6	24.5	22.0	16.0	8.5	14.5	20.5	19.0	23.5	25.5	27.0	28.0	29.5
7	21.0	22.5	15.0	12.5	13.0	19.0	19.5	25.0	25.5	27.0	29.5	30.0
8	21.5	22.0	13.0	7.5	11.5	19.5	19.5	23.0	25.5	26.5	28.5	27.5
9	22.0	23.5	12.5	9.0	14.5	17.5	19.5	22.5	25.5	27.0	27.5	28.0
10	24.0	23.0	12.0	9.0	14.0	16.5	20.0	24.0	26.0	27.0	27.0	27.5
11	22.5	22.0	12.5	11.0	14.5	17.5	21.5	22.0	26.5	29.0	27.5	25.0
12	23.0	22.5	14.5	13.5	14.5	20.0	21.0	23.5	26.5	29.0	28.0	25.0
13	24.0	18.0	18.0	12.5	14.5	18.5	22.0	23.5	26.5	27.0	28.0	26.5
14	23.0	16.0	17.5	11.5	15.0	16.5	21.0	21.0	27.5	27.5	28.5	25.5
15	25.0	14.5	17.5	10.5	17.0	19.5	23.0	23.0	27.0	28.5	29.0	26.0
16	24.0	---	16.0	11.0	17.5	17.5	23.0	25.0	27.5	28.5	28.0	26.0
17	23.0	---	15.0	---	18.5	15.0	23.0	23.0	26.5	28.0	28.5	26.0
18	---	17.0	11.0	10.0	19.5	16.0	24.0	23.5	27.5	27.0	27.5	28.0
19	---	19.0	9.0	10.0	17.5	18.0	23.0	21.5	27.0	26.0	29.0	---
20	21.0	17.5	9.0	10.0	20.0	20.5	23.5	22.0	27.0	27.5	27.5	26.5
21	21.5	15.0	11.0	9.5	20.5	18.5	23.5	22.0	25.0	28.0	28.0	26.5
22	21.5	14.0	9.5	9.0	16.5	19.5	22.5	23.5	26.0	27.5	28.0	24.5
23	23.0	---	9.5	13.0	15.0	17.0	24.0	24.0	26.5	27.0	28.5	23.5
24	21.5	12.0	10.5	13.0	15.0	17.5	24.5	24.5	27.5	28.0	29.5	25.0
25	22.0	11.5	11.0	13.5	15.5	17.5	24.0	24.5	28.0	28.5	32.0	26.0
26	20.0	15.0	10.0	12.0	17.0	19.0	23.0	25.5	28.0	29.5	---	25.5
27	20.0	11.5	---	10.0	20.5	19.0	21.5	24.5	29.0	28.5	28.0	26.0
28	21.0	13.5	11.0	9.0	17.0	18.5	21.5	23.0	28.5	29.0	28.0	26.5
29	21.0	18.5	12.5	9.5	18.5	21.5	22.5	24.0	27.5	29.5	26.0	25.0
30	21.5	19.5	10.0	10.5	---	21.5	23.0	26.5	28.0	29.0	---	---
31	18.5	---	11.0	11.0	---	18.0	---	27.0	---	29.5	27.5	---

07385750 BAYOU TECHE NEAR OLIVIER, LA

LOCATION.--Lat 29°57'18", long 91°42'54", in lot 28, T.12 S., R.7 E., Iberia Parish, on left bank of privately owned turn-span bridge, 2.8 mi (4.5 km) southeast of Oliver, 13.8 mi (22.2 km) upstream from C, D, and N Canal.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1958-60.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1975 to current year.

WATER TEMPERATURES: November 1973 to current year.

DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1973.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 646 micromhos Apr. 8, 1976; minimum, 98 micromhos Mar. 29, 1976.

WATER TEMPERATURES: Maximum, 35.0°C July 6, 1975; minimum, 4.5°C Dec. 20, 1973.

DISSOLVED OXYGEN: Maximum, 11.7 mg/L Apr. 4, 1974; minimum, 0.0 mg/L several days during Oct., Nov., Dec. 1973, Jan., Nov., Dec. 1974, Dec. 15, 1975.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	194	176	---	---	---	---	219	189	202	181	---	---
2	178	140	---	---	---	---	196	181	---	---	---	---
3	141	132	---	---	---	---	207	153	---	---	---	---
4	137	128	---	---	---	---	208	176	159	143	---	---
5	---	---	180	102	378	213	213	170	152	134	---	---
6	---	---	136	104	342	272	234	214	166	132	---	---
7	---	---	165	106	350	313	220	195	149	120	---	---
8	---	---	164	131	321	263	208	171	159	116	---	---
9	---	---	195	154	326	241	186	172	135	113	---	---
10	---	---	180	156	318	264	190	183	127	104	---	---
11	---	---	170	159	288	232	---	---	127	100	---	---
12	---	---	179	162	267	238	---	---	139	108	---	---
13	---	---	211	175	289	268	---	---	138	114	---	---
14	---	---	228	202	318	291	---	---	144	121	---	---
15	---	---	252	220	319	257	175	167	136	123	---	---
16	---	---	315	227	---	---	177	164	153	129	---	---
17	---	---	319	275	---	---	225	171	154	128	---	---
18	---	---	308	267	---	---	207	173	157	131	---	---
19	---	---	284	268	238	225	188	173	152	127	196	190
20	---	---	---	---	261	231	211	190	145	125	192	181
21	---	---	---	---	262	237	224	204	156	132	196	182
22	---	---	---	---	286	252	287	226	163	134	211	183
23	---	---	---	---	296	271	251	235	167	137	210	174
24	---	---	---	---	314	272	245	231	165	140	206	187
25	---	---	---	---	318	282	273	245	181	147	199	141
26	---	---	---	---	324	261	295	267	225	187	173	168
27	---	---	---	---	299	249	294	280	---	---	159	110
28	---	---	---	---	274	237	311	233	---	---	128	114
29	---	---	---	---	252	202	230	185	---	---	120	98
30	---	---	---	---	250	189	196	169	---	---	123	101
31	---	---	---	---	260	191	232	187	---	---	168	113

MISSISSIPPI RIVER DELTA

07385750 BAYOU TECHE NEAR OLIVIER, LA--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	138	116	275	241	224	214	197	163	194	178	---	---
2	140	122	259	245	287	221	205	175	193	179	---	---
3	147	130	267	241	273	239	236	190	207	184	262	242
4	152	135	271	251	285	247	198	190	217	185	283	257
5	191	154	302	261	276	245	214	187	223	202	278	214
6	181	168	449	274	243	230	203	173	214	190	238	206
7	625	175	346	321	265	231	205	185	230	202	261	239
8	646	627	361	341	274	239	229	208	216	205	267	243
9	164	158	---	---	290	258	233	208	231	199	250	238
10	181	154	---	---	281	247	231	185	216	194	257	227
11	173	157	---	---	274	254	205	181	---	---	255	235
12	178	146	---	---	232	216	193	170	---	---	277	247
13	162	145	---	---	257	220	223	196	---	---	290	270
14	158	108	---	---	274	233	267	222	---	---	288	261
15	169	146	---	---	278	246	274	232	---	---	274	249
16	158	141	---	---	278	237	278	234	---	---	259	220
17	159	104	---	---	312	282	286	254	---	---	---	---
18	154	130	---	---	295	261	270	232	---	---	---	---
19	142	121	---	---	301	265	287	232	---	---	---	---
20	131	126	---	---	291	263	227	202	280	254	---	---
21	138	121	---	---	261	251	200	173	285	263	---	---
22	155	120	---	---	256	235	238	200	288	267	---	---
23	142	124	---	---	258	183	249	208	313	286	---	---
24	149	130	---	---	248	190	232	193	318	297	---	---
25	183	149	---	---	259	231	198	164	---	---	---	---
26	207	181	---	---	259	185	205	163	---	---	---	---
27	223	208	185	175	195	177	200	180	---	---	---	---
28	223	217	210	191	205	167	223	196	---	---	---	---
29	232	222	240	202	176	151	217	174	---	---	---	---
30	244	232	225	197	183	154	182	159	---	---	---	---
31	---	---	214	200	---	---	183	165	---	---	---	---

07385750 BAYOU TECHE NEAR OLIVIER, LA--Continued

DISSOLVED OXYGEN (DO), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	4.2	4.1	---	---	---	---	3.0	2.8	3.0	2.9	---	---
2	4.2	4.1	---	---	---	---	3.2	2.9	---	---	---	---
3	4.2	4.0	---	---	---	---	3.7	3.3	---	---	---	---
4	4.1	3.8	---	---	---	---	3.8	3.6	8.6	7.6	---	---
5	---	---	1.7	1.4	3.1	1.6	4.1	3.8	7.8	7.3	---	---
6	---	---	1.5	1.2	2.9	1.9	4.1	4.1	7.4	7.0	---	---
7	---	---	1.4	1.1	3.9	2.0	4.4	4.3	8.1	7.3	---	---
8	---	---	1.2	1.1	2.7	2.0	8.4	.2	8.1	7.6	---	---
9	---	---	1.5	1.2	2.5	1.1	8.4	2.8	7.9	7.4	---	---
10	---	---	1.6	1.5	1.6	.6	7.1	4.9	7.6	6.9	---	---
11	---	---	1.6	1.4	2.7	.6	---	---	7.0	6.4	---	---
12	---	---	1.6	1.4	2.2	1.0	---	---	6.7	6.5	---	---
13	---	---	1.8	1.5	1.1	.2	---	---	6.9	6.1	---	---
14	---	---	2.0	1.9	1.1	.5	---	---	5.8	5.3	---	---
15	---	---	2.0	1.9	1.1	0	7.9	6.4	6.2	5.4	---	---
16	---	---	2.0	1.8	---	---	6.3	5.0	6.1	5.8	---	---
17	---	---	2.0	1.7	---	---	5.9	2.2	6.4	6.1	---	---
18	---	---	1.9	1.6	---	---	5.2	2.4	6.7	6.1	---	---
19	---	---	1.7	1.0	1.3	1.0	4.4	3.6	6.4	5.6	6.6	6.3
20	---	---	---	---	1.2	.8	3.7	2.9	5.8	5.1	6.5	6.2
21	---	---	---	---	.9	.7	4.0	3.5	5.3	5.0	6.2	5.2
22	---	---	---	---	.8	.6	3.6	3.1	6.0	5.4	6.2	6.0
23	---	---	---	---	.7	.2	3.9	3.2	6.3	5.9	6.3	5.8
24	---	---	---	---	.5	.4	4.2	3.2	6.4	5.4	6.3	5.8
25	---	---	---	---	.8	.7	4.3	3.6	3.3	1.3	---	---
26	---	---	---	---	1.0	1.0	3.7	3.3	4.4	.2	5.0	.8
27	---	---	---	---	1.3	1.3	4.3	3.3	---	---	2.7	.7
28	---	---	---	---	2.0	1.5	4.5	3.8	---	---	3.2	2.8
29	---	---	---	---	2.5	2.1	3.8	3.2	---	---	3.4	3.2
30	---	---	---	---	2.8	2.3	3.3	2.9	---	---	3.4	3.0
31	---	---	---	---	2.8	2.4	3.0	2.7	---	---	3.4	3.2

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	3.3	3.1	6.3	4.1	8.2	7.6	4.6	3.2	5.7	5.0	---	---
2	3.3	3.0	5.3	3.9	7.2	6.2	4.3	3.2	6.1	5.3	---	---
3	3.2	3.0	5.6	4.4	7.1	5.8	4.0	2.9	6.2	5.4	9.2	6.0
4	3.2	3.0	6.5	4.6	6.7	4.2	4.4	3.1	6.8	5.8	9.3	5.4
5	3.2	2.6	5.8	4.3	5.0	4.0	5.6	4.5	9.0	5.8	5.5	1.7
6	3.3	3.1	7.1	4.3	4.6	3.6	4.8	4.0	7.7	5.3	2.5	1.4
7	---	---	6.3	5.4	4.0	2.9	4.4	3.6	5.3	2.5	4.1	2.1
8	---	---	5.9	4.9	3.8	2.6	3.1	2.6	2.2	.7	4.0	2.6
9	5.6	5.2	---	---	2.8	1.7	4.8	2.4	5.7	.6	4.0	2.8
10	5.8	5.6	---	---	3.1	1.8	4.6	3.6	7.5	3.6	4.0	3.1
11	6.0	4.5	---	---	2.5	1.4	3.9	3.1	---	---	5.3	2.5
12	5.8	5.6	---	---	2.1	1.5	4.2	3.6	---	---	2.8	2.6
13	5.9	5.3	---	---	4.7	1.8	3.9	3.4	---	---	5.6	2.8
14	5.7	5.0	---	---	4.8	2.3	3.8	3.2	---	---	6.2	3.1
15	5.4	4.6	---	---	4.9	2.5	4.1	2.9	---	---	5.0	3.0
16	6.4	5.6	---	---	7.5	5.5	4.6	1.6	---	---	3.4	3.2
17	6.6	6.2	---	---	6.2	4.3	4.3	1.4	---	---	---	---
18	6.9	6.1	---	---	5.2	3.7	3.2	2.4	---	---	---	---
19	6.3	5.3	---	---	6.1	4.6	4.3	3.6	---	---	---	---
20	5.7	4.8	---	---	6.1	3.7	6.1	3.1	6.1	4.2	---	---
21	5.3	4.9	---	---	5.3	4.8	5.9	3.3	5.9	3.7	---	---
22	5.1	4.5	---	---	6.5	5.5	4.3	3.7	6.3	4.5	---	---
23	4.7	4.3	---	---	7.0	5.0	4.5	3.4	7.2	5.5	---	---
24	4.7	4.3	---	---	6.8	5.8	3.8	3.0	8.3	4.9	---	---
25	4.7	4.2	---	---	10.3	6.2	4.2	3.2	---	---	---	---
26	4.6	4.3	---	---	8.9	5.2	5.0	3.6	---	---	---	---
27	4.9	3.3	4.6	3.9	8.3	6.0	3.9	3.0	---	---	---	---
28	4.4	3.3	5.1	4.4	8.5	5.4	1.9	1.8	---	---	---	---
29	6.1	4.3	6.1	5.0	7.2	4.7	2.3	1.8	---	---	---	---
30	5.7	4.3	7.5	6.0	6.4	4.4	5.0	3.1	---	---	---	---
31	---	---	7.3	7.4	---	---	5.3	4.4	---	---	---	---

MISSISSIPPI RIVER DELTA

07385750 BAYOU TECHE NEAR OLIVIER, LA--Continued

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	23.5	22.5	---	---	---	---	11.5	10.5	12.5	12.0	---	---
2	23.5	22.5	---	---	---	---	13.5	11.5	---	---	---	---
3	22.5	21.5	---	---	---	---	13.0	11.5	---	---	---	---
4	22.5	21.0	---	---	---	---	11.0	10.0	13.5	12.0	---	---
5	---	---	---	---	15.0	13.5	10.0	9.5	15.0	13.5	---	---
6	---	---	---	---	16.0	15.0	10.5	9.0	15.0	14.5	---	---
7	---	---	---	---	15.5	15.0	12.5	10.0	14.0	12.5	---	---
8	---	---	---	---	15.5	15.0	9.5	8.0	13.0	12.0	---	---
9	---	---	---	---	15.0	14.5	8.0	7.0	13.0	12.0	---	---
10	---	---	---	---	14.5	14.0	8.0	7.5	14.0	12.5	---	---
11	---	---	24.0	22.5	14.5	13.5	---	---	14.5	13.5	---	---
12	---	---	24.0	22.0	15.0	14.0	---	---	15.5	14.0	---	---
13	---	---	22.0	19.5	16.5	15.0	---	---	16.0	15.0	---	---
14	---	---	19.0	17.0	17.0	16.0	---	---	16.5	15.5	---	---
15	---	---	17.5	15.5	17.5	16.5	11.5	11.0	17.5	16.0	---	---
16	---	---	17.0	15.0	---	---	12.0	11.0	18.5	17.0	---	---
17	---	---	17.0	15.5	---	---	11.0	10.0	18.5	18.0	---	---
18	---	---	17.5	16.0	---	---	13.0	9.5	19.5	18.5	---	---
19	---	---	18.5	16.5	12.0	12.0	11.0	9.5	19.0	17.5	18.5	18.0
20	---	---	---	---	12.0	10.5	12.0	10.0	19.5	18.5	20.0	18.0
21	---	---	---	---	11.5	11.0	12.5	11.0	19.5	19.0	20.0	19.5
22	---	---	---	---	11.5	10.5	14.0	12.5	19.0	16.5	19.5	18.5
23	---	---	---	---	12.0	11.0	13.5	12.0	17.0	15.5	19.0	17.0
24	---	---	---	---	11.0	10.5	12.0	10.5	16.5	15.0	18.5	18.0
25	---	---	---	---	10.5	10.0	11.0	10.0	17.0	15.5	---	---
26	---	---	---	---	10.5	10.0	11.0	10.0	18.0	16.0	19.5	17.5
27	---	---	---	---	11.5	9.5	11.5	10.5	---	---	20.0	19.0
28	---	---	---	---	11.5	9.5	12.0	10.5	---	---	20.0	19.5
29	---	---	---	---	11.5	11.0	12.0	10.5	---	---	20.5	20.0
30	---	---	---	---	11.0	10.5	12.0	11.0	---	---	21.0	20.5
31	---	---	---	---	11.0	9.5	13.0	11.0	---	---	20.5	19.5

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	20.5	19.5	24.0	23.0	31.0	29.5	30.5	29.5	33.5	32.0	---	---
2	21.0	19.5	24.0	22.5	30.0	28.0	30.5	29.0	33.0	31.5	---	---
3	21.5	19.5	24.0	23.0	30.0	28.5	29.5	29.0	32.5	31.0	29.5	29.0
4	21.5	20.0	25.0	23.0	29.5	28.5	29.5	29.0	31.5	31.0	29.5	29.0
5	21.5	21.0	24.5	24.0	29.5	29.0	29.5	28.5	30.5	30.5	29.0	28.5
6	21.5	20.0	27.0	24.0	29.5	28.5	29.5	28.5	30.5	30.0	28.5	28.5
7	21.5	20.5	27.0	26.5	29.0	28.5	29.0	28.5	30.0	29.5	28.5	28.5
8	23.0	22.0	27.0	26.5	29.5	28.5	29.0	28.5	29.5	29.5	28.5	28.0
9	21.5	20.5	---	---	29.5	28.5	28.5	28.0	29.0	29.0	28.5	28.0
10	21.5	20.0	---	---	29.5	28.0	28.5	28.0	29.0	28.5	28.5	28.0
11	21.5	21.0	---	---	28.5	28.0	28.5	27.0	---	---	28.5	28.0
12	22.0	21.5	---	---	29.0	27.5	28.5	27.5	---	---	28.0	28.0
13	22.5	22.0	---	---	29.5	28.0	28.5	27.5	---	---	28.0	27.5
14	22.5	22.0	---	---	29.0	28.0	28.5	28.0	---	---	27.5	27.5
15	23.5	22.0	---	---	28.5	28.0	28.5	28.0	---	---	27.5	27.0
16	24.0	23.0	---	---	28.0	28.0	29.0	28.5	---	---	27.5	27.0
17	24.0	23.0	---	---	29.0	28.5	29.0	28.5	---	---	---	---
18	24.0	23.0	---	---	28.5	28.5	29.5	28.0	---	---	---	---
19	24.5	23.5	---	---	29.0	29.0	30.5	29.0	---	---	---	---
20	24.5	24.0	---	---	29.0	28.5	30.0	29.5	30.0	29.5	---	---
21	25.0	24.0	---	---	29.5	29.0	30.0	28.5	30.0	29.5	---	---
22	25.0	24.0	---	---	29.5	28.5	28.0	28.0	29.5	29.5	---	---
23	25.0	24.0	---	---	28.5	28.5	28.5	27.5	29.5	29.5	---	---
24	25.0	24.5	---	---	29.5	28.5	30.0	28.5	29.5	29.0	---	---
25	25.5	24.0	---	---	30.5	29.0	30.5	29.0	---	---	---	---
26	25.0	24.0	---	---	30.5	29.0	30.0	29.0	---	---	---	---
27	24.0	23.5	31.0	30.0	30.5	29.5	30.0	29.5	---	---	---	---
28	24.0	23.5	31.0	29.5	30.5	29.5	30.0	30.0	---	---	---	---
29	24.5	24.0	31.0	29.5	30.0	29.5	30.5	30.0	---	---	---	---
30	24.0	23.5	31.5	30.0	30.5	29.5	32.0	30.5	---	---	---	---
31	---	---	31.0	30.0	---	---	33.0	31.5	---	---	---	---

MISSISSIPPI RIVER DELTA

337

295845091313000 BAYOU TECHE AT CHARENTON, LA (CE 64380)

LOCATION.--Lat 29°53'25", long 91°31'30", T.13 S., R.9 E., St. Mary Parish, 0.5 mi (0.8 km) north of Charenton.

DRAINAGE AREA.--Indeterminate.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 410 mg/L Sept. 27, 1976; minimum, 8.0 mg/L Jan. 18, May 22, 1975.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 410 mg/L Sept. 27; minimum, 16 mg/L Apr. 15.

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	53	24	40	34	41	36	48	22	27	32	31	39
2	36	35	48	44	47	34	29	44	28	32	32	43
3	25	40	46	49	46	53	43	32	33	36	30	44
4	28	85	70	47	40	34	36	24	36	32	34	37
5	32	32	58	52	36	42	28	27	36	30	29	39
6	38	45	58	46	42	53	35	34	33	25	35	35
7	46	50	46	40	42	60	23	30	34	23	36	39
8	42	42	44	48	48	50	24	36	35	24	32	38
9	40	40	50	80	41	38	20	34	38	52	33	41
10	40	32	50	53	30	42	42	30	37	26	38	40
11	44	38	40	26	22	42	21	25	28	27	43	40
12	38	65	45	34	26	20	23	29	27	23	39	43
13	40	25	40	42	34	30	18	35	41	25	32	110
14	38	41	45	27	42	36	22	30	46	27	32	170
15	46	44	45	45	24	25	16	42	43	26	43	200
16	32	41	54	48	24	25	19	42	43	28	35	120
17	38	40	56	51	20	48	18	44	32	22	34	110
18	30	45	55	51	26	46	20	42	30	23	30	89
19	36	53	57	28	38	36	23	44	28	38	34	77
20	32	76	44	27	38	24	28	32	31	19	50	95
21	34	36	46	42	30	19	31	34	26	28	46	140
22	34	16	49	51	39	53	25	36	28	33	39	70
23	55	40	47	46	46	50	21	33	29	33	49	74
24	50	46	44	26	44	43	22	43	38	33	36	60
25	45	39	45	21	38	41	19	30	38	34	34	58
26	40	41	59	21	39	47	23	29	34	27	34	98
27	40	39	60	43	61	54	24	45	31	30	31	410
28	44	36	43	46	27	44	34	28	26	27	33	240
29	36	48	58	51	38	38	25	34	26	27	36	120
30	35	81	45	41	---	36	19	30	28	28	36	54
31	36	---	44	30	---	45	---	31	---	32	43	---

MISSISSIPPI RIVER DELTA

07385790 CHARENTON DRAINAGE CANAL NEAR BALDWIN, LA (CE 64450)
(formerly published as station 294923091323000 Charenton
Drainage Canal near Baldwin, La)

LOCATION.--Lat 29°49'23", long 91°32'30", T.14 S., R.9 E., St. Mary Parish, about 35 ft (10.7 m) southwest of Southern Pacific Railroad bridge, 0.7 mi (1.1 km) south of Baldwin.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1958-59.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 680 mg/L Sept. 27, 1976; minimum, 8.6 mg/L May 11, 12, 16, 1975.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 680 mg/L Sept. 27; minimum, 17 mg/L Apr. 16.

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42	29	34	37	29	24	25	25	36	34	30	51
2	36	29	32	46	51	23	27	25	32	31	33	49
3	30	140	31	47	36	23	27	30	33	36	33	61
4	38	69	46	40	40	26	26	24	27	38	38	42
5	36	29	46	42	33	20	29	31	29	36	36	40
6	38	33	41	32	33	42	20	---	26	37	36	38
7	40	27	43	40	44	40	22	33	33	38	31	40
8	56	36	41	49	41	32	23	30	31	38	29	42
9	36	33	42	49	50	22	35	29	28	35	31	40
10	38	23	50	36	38	40	22	36	32	29	43	42
11	40	36	42	30	34	36	23	27	25	30	32	50
12	40	33	39	34	29	22	24	28	26	25	32	51
13	34	28	43	35	26	22	20	40	29	24	32	110
14	34	28	36	28	24	32	23	34	33	25	32	230
15	34	24	34	46	25	28	18	28	42	26	32	210
16	64	33	38	26	23	26	17	43	44	30	32	170
17	34	31	32	44	24	44	19	37	35	31	30	170
18	36	30	39	42	26	41	21	41	40	48	29	100
19	36	34	36	23	29	32	25	30	32	31	31	99
20	34	23	38	23	34	23	19	30	35	32	39	120
21	34	30	57	32	32	20	20	34	27	35	60	120
22	34	36	43	42	31	44	22	33	35	30	60	86
23	38	30	35	32	41	48	21	32	35	31	44	150
24	60	31	41	20	44	40	23	31	46	28	98	140
25	40	32	41	20	36	40	21	30	42	30	44	460
26	31	38	38	32	30	50	21	28	32	29	33	460
27	31	41	36	42	29	59	23	28	36	28	34	680
28	33	38	67	44	28	48	23	32	30	32	41	390
29	37	28	35	30	27	46	23	30	43	32	41	260
30	28	120	34	27	---	42	22	31	26	31	43	130
31	31	---	34	30	---	34	---	32	---	30	52	---

07386700 RUTH CANAL NEAR RUTH, LA

LOCATION.--Lat 30°14'35", long 91°53'05", in NE¼ 1st 95, T.9 S., R.6 E., St. Martin Parish, near center of span on downstream side of bridge on State Highway 31, 1,200 ft (370 m) above control structure, 1,500 ft (460 m) downstream from point of diversion from Bayou Teche, 0.4 mi (0.6 km) northwest of Ruth, and 2.2 mi (3.5 km) south of Breaux Bridge.

PERIOD OF RECORD.--August 1959 to current year. Gage heights only May 1945 to June 1946 (fragmentary), January 1947 to September 1960 in reports of Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Corps of Engineers bench mark). Auxiliary water-stage recorder 150 ft (46 m) below control structure at same datum. Nov. 4, 1965, to July 11, 1973, auxiliary nonrecording gage at same site and datum.

REMARKS.--Records fair. Total flow through control structure diverted from Bayou Teche. Diversions are for irrigation.

AVERAGE DISCHARGE.--17 years, 135 ft³/s (3.82 m³/s), 97,080 acre-ft/yr (120 hm³/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 802 ft³/s (22.7 m³/s) Apr. 21, 1966; minimum daily, 18 ft³/s (0.51 m³/s) Sept. 3-5, Oct. 22 to Nov. 7, 1963, July 27-30, 1965, July 4-9, 1969, Oct. 20, 21, 1972.

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	26	27	26	27	<10	31	211	178	178	185	22
2	23	26	27	25	28	<10	30	212	179	179	179	22
3	22	26	27	28	28	<11	29	211	180	176	166	22
4	22	26	26	28	28	<08	29	210	181	172	175	22
5	22	26	26	26	27	<06	29	192	183	174	178	22
6	22	26	27	26	31	<03	28	169	176	173	174	22
7	22	26	27	26	32	<09	28	172	171	173	177	22
8	22	26	26	25	30	<04	28	169	176	177	178	22
9	22	26	26	25	27	189	27	178	182	179	177	22
10	22	25	26	26	26	<07	27	183	183	180	176	22
11	22	25	26	26	26	<14	27	177	182	180	117	21
12	22	24	25	26	26	<10	27	178	183	179	22	21
13	22	24	25	26	25	<15	27	182	182	175	22	21
14	22	24	24	25	25	<17	27	183	180	178	21	21
15	22	23	24	25	25	<00	27	185	174	180	21	21
16	22	23	24	25	26	<00	27	187	174	182	21	21
17	22	23	23	25	26	<05	27	187	172	179	21	21
18	23	22	23	25	26	<09	27	189	172	167	21	21
19	26	22	23	25	25	<12	27	186	178	175	21	21
20	27	22	24	25	25	<11	27	183	183	180	21	21
21	26	22	24	24	26	<10	26	183	186	183	21	21
22	25	22	24	24	27	<15	26	185	184	184	21	20
23	24	22	23	24	27	<15	26	184	182	184	21	21
24	23	22	23	24	26	185	26	185	180	184	21	20
25	24	23	24	24	25	38	26	186	179	182	21	20
26	24	24	25	25	25	38	124	184	178	173	21	21
27	24	24	27	27	84	38	213	180	176	175	21	21
28	25	25	28	27	217	37	209	184	177	181	21	22
29	26	26	30	27	213	36	209	185	177	182	21	22
30	27	27	28	26	---	34	208	182	177	183	21	22
31	27	---	27	26	---	32	---	179	---	185	21	---
TOTAL	727	728	789	792	1209	5228	1649	5761	5365	5532	2304	640
MEAN	23.5	24.3	25.5	25.5	41.7	169	55.0	186	179	178	74.3	21.3
MAX	27	27	30	28	217	217	213	212	186	185	185	22
MIN	22	22	23	24	25	32	26	169	171	167	21	20
AC-FT	1440	1440	1560	1570	2400	10370	3270	11430	10640	10970	4570	1270
CAL YR 1975	TOTAL	15923	MEAN 43.6	MAX 178	MIN 22	AC-FT 31580						
WTR YR 1976	TOTAL	30724	MEAN 83.9	MAX 217	MIN 20	AC-FT 60940						

MISSISSIPPI RIVER DELTA

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA

LOCATION.--Lat 30°13'02", long 91°59'34", between lots 76 and 142, T.9 S., R.5 E., Lafayette Parish, at bridge on Surrey Street, at Lafayette, 0.6 mi (1.0 km) north of Lafayette Airport, and 1.4 mi (2.3 km) upstream from Coulee des Poches.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--December 1967 to current year.

GAGE.--Water-stage recorder. Datum of gage is -1.53 ft (0.466 m) below mean low Gulf or -2.31 ft (0.704 m) below mean sea level (levels by Corps of Engineers).

REMARKS.--Records fair above 1,000 ft³/s (28 m³/s) and poor below. Discharges are affected by tide at all stages; diversions above and below station for irrigation.

DISCHARGE, IN CUBIC FEET PER SECOND, DECEMBER 1967 TO SEPTEMBER 1968
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				1140	335	1050	893	777	673	691	265	199
2				1650	519	664	918	721	740	675	224	135
3				2380	314	842	733	715	765	680	254	30
4				2370	376	1090	779	794	789	615	267	-187
5				2260	367	941	955	622	702	553	249	548
6				2060	446	948	794	564	674	523	248	809
7				1870	457	1190	720	600	702	491	241	539
8				1600	370	1040	719	731	717	438	236	394
9				1170	265	960	822	653	739	422	211	448
10				1610	319	899	1030	589	682	436	265	642
11				2030	328	728	1030	802	862	427	280	749
12				1920	224	905	777	915	737	417	235	505
13				1730	282	838	710	795	689	345	226	307
14				1470	294	899	828	788	681	324	142	210
15			1120	1290	293	701	854	761	688	336	179	183
16			1070	1170	326	721	678	790	681	287	236	281
17			770	979	262	601	694	758	907	249	339	292
18			856	877	361	597	758	828	1140	264	383	470
19			-7.4	931	453	609	708	814	1110	259	343	189
20			865	770	430	555	765	812	1020	208	356	201
21			1430	561	337	696	738	789	842	293	444	172
22			1670	493	402	1160	707	743	818	319	355	79
23			1880	614	527	1070	714	739	833	325	362	227
24			1610	678	564	1050	915	785	671	427	283	247
25			1340	311	293	1360	617	869	857	506	294	264
26			1150	326	421	1200	704	940	828	419	360	257
27			1220	486	345	1040	675	854	809	318	355	151
28			1770	374	-14	960	623	875	707	293	286	116
29			2000	411	1050	908	895	801	664	272	71	157
30			1940	344	---	808	834	795	674	245	215	192
31			1560	388	---	731	---	753	---	235	219	---
TOTAL			---	36263	10966	28131	23728	23772	23401	12302	8423	8806
MEAN			---	1170	378	927	791	767	780	397	272	294
MAX			---	2380	1050	1070	1030	940	1140	691	444	809
MIN			---	311	-14	555	617	564	664	208	71	-187

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1968 TO SEPTEMBER 1969
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55	83	513	853	395	1520	584	1810	542	67	481	90
2	99	95	1480	439	533	1270	658	1580	660	156	353	60
3	190	109	1730	347	954	1160	558	1290	641	177	347	33
4	224	173	1730	481	1080	1090	540	1030	573	106	299	50
5	64	68	1400	351	749	741	-203	1110	687	26	266	75
6	233	96	1090	286	597	869	1420	1100	731	33	283	88
7	167	66	933	300	466	1750	1750	933	721	31	323	128
8	112	72	813	259	404	1780	1440	772	734	123	324	139
9	186	145	517	302	416	1610	1200	2410	798	93	305	58
10	244	107	463	400	130	1310	1060	2760	722	-218	311	80
11	214	223	350	198	270	1090	1090	2700	572	263	260	75
12	160	375	170	242	248	883	875	2550	452	209	232	41
13	183	157	632	240	149	744	-2540	2390	548	128	155	72
14	177	96	1270	239	-63	607	1510	2210	508	144	254	5.7
15	208	127	1040	252	1060	485	3010	2000	618	117	194	54
16	108	171	703	282	1920	845	1520	1790	479	120	208	48
17	222	287	504	1370	1860	1220	2250	1590	283	183	189	63
18	242	308	426	1390	1570	1480	3460	1810	411	306	225	-30
19	114	385	980	1090	1240	2120	3700	1650	367	383	94	21
20	143	185	948	730	958	2060	3580	1400	302	318	160	63
21	174	177	659	597	592	1870	3420	1180	256	278	215	19
22	122	145	685	1200	-321	1040	3220	1030	158	302	72	13
23	167	127	845	1100	1950	1660	3020	922	145	818	146	71
24	212	158	655	832	2410	1370	2830	846	118	862	120	86
25	230	113	441	623	2370	1440	2660	734	53	783	-22	46
26	123	25	321	409	2190	1410	2470	798	62	593	14	39
27	174	25	307	336	1950	1070	2240	857	198	468	16	42
28	171	322	496	320	1730	942	2160	754	140	443	71	42
29	178	214	400	281	---	853	2270	677	144	454	111	78
30	94	-23	300	265	---	851	2040	667	103	944	77	58
31	99	---	858	369	---	725	---	571	---	772	85	---
TOTAL	5089	4612	23659	16383	27807	37865	53792	43921	12726	9482	6168	1707.7
MEAN	164	154	763	528	993	1221	1793	1417	424	306	199	56.9
MAX	244	385	1730	1390	2410	2120	3700	2760	798	944	481	139
MIN	55	-23	170	198	-321	485	-2540	571	53	-218	-22	-30
CAL YR 1968	TOTAL	209152.00	MEAN 571	MAX 2380	MIN -187							
WTR YR 1969	TOTAL	243211.70	MEAN 666	MAX 3700	MIN -2540							

MISSISSIPPI RIVER DELTA

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA--Continued

DISCHARGE* IN CUBIC FEET PER SECOND* WATER YEAR OCTOBER 1969 TO SEPTEMBER 1970
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74	224	172	171	56	204	550	527	742	272	96	225
2	117	103	115	239	586	172	870	709	580	338	-15	364
3	107	128	99	440	657	37	709	784	1220	234	-96	66
4	127	112	71	224	162	289	606	911	1270	245	180	355
5	99	108	61	123	158	828	647	922	1290	194	210	680
6	59	102	-83	502	242	535	600	978	1190	199	172	533
7	357	124	574	866	188	728	534	956	1070	184	145	401
8	371	92	418	513	182	1250	414	852	935	145	41	323
9	220	98	370	377	367	1180	422	714	855	149	74	214
10	206	88	532	277	210	1040	419	664	719	139	132	205
11	229	109	490	218	148	1060	594	732	570	138	75	88
12	193	97	406	683	140	1190	680	786	471	91	39	119
13	288	107	292	416	82	1110	787	848	632	177	109	210
14	435	157	275	276	71	1000	820	836	786	188	72	237
15	109	---	290	312	184	968	726	751	695	390	82	137
16	123	---	236	206	365	805	714	887	501	292	104	212
17	105	---	157	241	402	733	760	1030	436	270	89	349
18	61	---	147	234	96	1210	518	936	517	272	114	382
19	30	---	203	334	282	1030	580	846	473	239	126	274
20	7.4	---	128	227	294	1140	938	795	472	219	146	162
21	17	7.2	203	198	120	1140	859	795	405	382	78	251
22	84	63	457	160	135	1210	650	899	482	382	113	192
23	49	31	152	188	153	1050	657	882	451	176	96	285
24	20	61	-152	126	88	936	764	826	551	161	250	931
25	-21	69	177	172	368	832	616	914	523	117	450	930
26	15	55	448	198	241	936	637	957	389	168	329	781
27	62	98	34	125	160	884	520	942	704	194	144	730
28	91	203	109	118	180	824	539	847	708	231	25	627
29	-22	121	113	170	---	797	543	772	605	204	28	443
30	-90	161	342	386	---	718	269	783	484	166	482	313
31	40	---	403	97	---	737	---	779	---	91	505	---
TOTAL	3562.4	---	7543	8817	6317	26483	19092	25860	20727	6647	4395	11019
MEAN	115	---	243	284	226	854	636	834	691	214	142	367
MAX	435	---	574	866	657	1250	938	1030	1290	390	505	931
MIN	-90	---	-83	97	56	37	269	527	389	91	-96	66

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA--Continued

DISCHARGE* IN CUBIC FEET PER SECOND* WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	260	1510	195	1550	157	473	741	530	600	765	1260	159
2	242	1320	146	1240	100	458	881	684	615	698	1180	308
3	197	1210	142	883	147	797	679	650	696	208	1400	122
4	160	1090	222	889	196	700	594	792	651	406	1540	111
5	55	970	145	857	321	243	719	1020	627	587	1650	312
6	-87	778	192	686	173	519	780	1100	618	570	1630	386
7	377	642	-20	545	476	639	738	903	689	698	1530	152
8	95	473	56	545	1090	354	683	682	707	851	1200	381
9	419	448	77	570	951	124	684	734	717	790	1140	130
10	84	531	144	444	690	1190	708	924	733	1020	1750	112
11	-46	302	117	489	374	1290	682	1020	785	1000	1710	299
12	661	375	458	419	863	960	654	899	662	862	1520	506
13	1200	257	384	332	1540	614	596	-366	649	746	1350	369
14	1660	994	121	342	1420	538	597	-692	715	716	1220	181
15	1860	1320	9.2	392	1190	520	534	-615	687	722	1120	193
16	1820	1080	675	347	927	361	436	-555	686	714	1010	-662
17	1600	663	636	316	646	380	353	-268	686	695	794	573
18	1310	604	275	321	399	359	303	420	726	676	530	2040
19	1110	275	373	410	333	1120	323	515	725	683	381	2610
20	1090	435	285	155	337	1230	274	400	786	333	275	2690
21	935	129	136	191	146	944	250	447	729	148	239	2710
22	848	244	206	259	555	757	239	605	647	277	209	2640
23	684	465	204	220	423	715	259	784	622	633	251	2560
24	602	385	1150	273	148	800	338	995	645	778	287	2350
25	580	-35	1430	353	113	641	297	751	743	812	262	2130
26	432	235	1300	322	312	631	261	632	728	891	165	1950
27	262	175	891	247	896	563	352	600	776	1050	91	1620
28	485	140	540	202	641	641	332	393	829	1030	106	1500
29	1600	220	549	241	---	854	892	379	849	1060	99	1360
30	1920	173	992	288	---	1030	705	639	792	1130	80	1180
31	1740	---	1390	234	---	764	---	619	---	1290	63	---
TOTAL	24155	17412	13390.2	14562	15566	21409	15884	15621	21120	22839	26042	30972
MEAN	779	580	432	470	556	691	529	504	704	737	840	1032
MAX	1920	1510	1430	1550	1540	1290	892	1100	849	1290	1750	2710
MIN	-87	-35	-20	155	100	124	239	-692	500	148	63	-662
CAL YR 1970 TOTAL	184314.20			MEAN 505	MAX 1920	MIN -96						
WTR YR 1971 TOTAL	238972.20			MEAN 555	MAX 2710	MIN -692						

MISSISSIPPI RIVER DELTA

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA--Continued

DISCHARGE* IN CUBIC FEET PER SECOND* WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1020	105	115	1890	2360	357	1090	1260	427	40	656	---
2	914	136	-16	1480	2370	649	912	1060	439	5.2	519	---
3	798	261	966	1820	2340	1650	670	1420	405	29	355	---
4	919	105	2010	1530	2170	1620	758	1800	382	87	378	---
5	1100	41	135	1790	1920	1420	669	1640	429	63	288	---
6	1100	70	-4230	1880	1370	1100	465	1380	428	40	189	---
7	877	144	-146	1620	1030	937	393	1050	276	-45	214	---
8	631	42	2790	1360	2050	1120	429	988	224	-7.2	110	---
9	530	54	3760	1180	1840	1550	173	1150	174	28	105	---
10	581	100	4120	1090	1580	1490	157	1040	186	13	88	---
11	157	-6.5	4240	1230	1330	1140	286	799	187	-13	125	---
12	198	68	4220	1820	1370	917	436	889	2.0	76	149	---
13	161	39	4110	1690	1840	724	333	397	-46	140	174	---
14	173	-84	4000	1510	1800	581	291	2000	135	58	181	---
15	93	110	3860	1340	1510	730	249	2220	418	63	194	---
16	357	40	3740	1160	1080	1300	400	2090	905	104	323	---
17	1780	-62	3630	924	1670	1940	410	1900	1240	59	44	---
18	1810	-62	3530	826	1630	2040	354	1690	1360	76	1.3	---
19	1870	295	3390	742	1420	2060	331	1500	1060	169	-250	---
20	1800	129	2900	-442	1150	1840	249	1350	811	277	786	---
21	1690	123	3230	584	957	844	223	1220	703	231	825	---
22	1400	15	3300	2350	875	1940	356	1100	620	156	305	---
23	1110	-69	3180	2540	699	2100	234	963	338	224	-26	---
24	970	328	3020	2470	583	1860	254	814	338	186	---	---
25	722	-26	2870	2320	514	1770	252	735	281	174	---	---
26	592	-35	2720	2120	480	2150	98	643	234	193	---	---
27	404	106	2560	1860	432	2040	76	537	196	187	---	71
28	343	-179	2410	1590	328	1940	-701	535	185	140	---	326
29	258	424	2240	1520	244	1710	416	496	202	190	---	216
30	157	286	2040	983	---	1480	1370	537	201	311	---	263
31	164	---	1970	1860	---	1270	---	508	---	722	---	---
TOTAL	24679	2497.4	76664	46637	38942	44469	11683	35711	12740.0	3976.0	---	---
MEAN	796	83.2	2473	1504	1343	1434	389	1152	425	128	---	---
MAX	1870	424	4240	2540	2370	2150	1370	2220	1360	722	---	---
MIN	93	-179	-4230	-442	244	357	-701	397	-46	-45	---	---

CAL YR 1971 TOTAL 287855.40 MEAN 789 MAX 4240 MIN -4230

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA--Continued

DISCHARGE* IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	152	121	---	---	638	92	3310	1860	654	496	566	10
2	68	---	---	---	1490	451	3190	1730	1610	555	539	-6.9
3	57	---	---	---	1770	746	3020	1900	1550	553	481	-44
4	-31	---	---	---	1590	-200	2880	2030	1420	574	376	-276
5	46	---	---	---	1340	1650	2700	1970	1290	560	364	-2730
6	90	---	---	---	1140	---	2520	1790	1320	943	417	-2340
7	117	---	---	---	971	---	1670	1140	1150	788	335	1500
8	43	---	---	---	884	---	2450	---	886	593	345	2850
9	-20	---	---	---	1140	---	2490	---	1170	677	373	3350
10	.23	---	---	---	1630	---	2340	---	1080	645	337	3510
11	-50	---	---	---	1630	---	2150	---	1000	648	237	3550
12	-20	---	---	---	1430	---	1960	---	882	537	263	3350
13	22	---	---	---	1190	---	1750	---	778	464	251	2950
14	-71	---	---	---	1290	---	1490	---	769	501	320	3490
15	-3.3	---	---	760	1510	---	1250	---	810	442	543	3730
16	-15	---	---	935	1350	---	314	---	1050	440	487	3660
17	34	---	---	1330	1150	---	-1140	---	1190	405	449	3550
18	-69	---	---	1270	926	---	-881	---	1180	292	462	3410
19	30	---	---	---	809	---	2660	---	1020	248	375	3240
20	-109	---	---	---	758	---	3110	---	894	396	385	3060
21	-225	---	---	---	670	---	3180	---	916	599	229	2870
22	-200	---	---	---	459	---	3170	---	794	278	258	2680
23	878	---	---	---	464	---	3150	---	687	289	100	2510
24	957	---	---	718	386	-2500	3060	---	680	350	135	2370
25	619	---	---	319	420	881	2940	---	702	168	91	2130
26	168	---	---	675	389	---	2830	---	693	318	96	1890
27	508	---	---	1020	475	---	2690	---	614	307	52	1570
28	778	---	---	1030	263	3640	2510	---	638	395	69	600
29	398	---	---	1250	---	3580	2330	---	613	431	73	988
30	183	---	---	945	---	3500	2120	---	538	624	29	1810
31	174	---	---	583	---	3400	---	---	---	660	3.4	---
TOTAL	4508.93	---	---	---	28162	---	67213	---	28578	15176	9040.4	59231.1
MEAN	145	---	---	---	1006	---	2240	---	953	490	292	1974
MAX	957	---	---	---	1770	---	3310	---	1610	943	566	3730
MIN	-225	---	---	---	263	---	-1140	---	538	168	3.4	-2730

MISSISSIPPI RIVER DELTA

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA--Continued

DISCHARGE* IN CUBIC FEET PER SECOND* WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1790	220	643	---	3310	537	1110	520	513	445	---	---
2	1530	107	458	---	2840	446	1030	514	755	382	---	---
3	1430	137	247	---	3070	439	1240	590	541	627	---	---
4	1200	76	526	---	3160	396	1130	538	568	849	---	---
5	1010	810	763	---	3060	344	1130	483	537	785	---	---
6	833	1450	528	---	2980	350	894	533	434	1470	---	---
7	628	2110	441	---	110	453	528	478	209	1720	---	---
8	484	2370	342	---	3010	543	704	463	121	1640	---	---
9	313	2530	292	---	3420	544	673	461	241	1850	---	---
10	277	2620	297	---	3310	497	323	232	690	1790	---	---
11	73	2600	229	---	3200	590	215	233	523	1590	---	---
12	292	2530	230	---	3070	656	400	697	443	1380	---	---
13	-135	2420	287	---	2910	622	-868	340	340	1200	---	---
14	278	2240	203	---	2750	495	858	132	500	1020	---	---
15	1240	2040	286	---	2590	464	1490	437	479	768	---	---
16	1730	1800	457	---	2470	655	1960	382	476	611	---	---
17	1610	1430	269	---	2420	529	1860	433	487	538	---	---
18	1290	1130	135	---	2200	446	1650	512	1280	618	---	---
19	1020	826	216	---	2040	472	1450	516	1330	558	---	---
20	790	512	-486	---	1910	444	1270	338	1270	468	---	---
21	548	1060	-302	---	1510	605	1100	184	1070	490	108	---
22	404	1100	-140	---	1590	424	1050	437	981	458	46	---
23	272	907	133	---	1410	496	1040	548	1050	422	31	---
24	175	698	-172	---	1150	570	977	492	1090	342	32	---
25	204	572	1650	1600	1080	675	859	512	943	419	-82	---
26	245	438	1800	1760	882	930	754	391	730	---	278	---
27	178	559	809	3030	656	1340	566	516	620	---	652	---
28	259	928	1600	3500	556	1620	504	300	572	---	603	---
29	215	980	---	3530	---	1590	583	401	514	---	829	---
30	136	685	---	3500	---	1400	583	336	473	---	1120	---
31	177	---	---	3410	---	1150	---	161	---	---	984	---
TOTAL	20496	37885	---	---	62664	20802	27083	13110	19780	---	---	---
MEAN	661	1263	---	---	2238	671	903	423	659	---	---	---
MAX	1790	2620	---	---	3420	1620	1960	697	1330	---	---	---
MIN	-135	75	---	---	110	496	-868	132	121	---	---	---

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA--Continued

DISCHARGE* IN CUBIC FEET PER SECOND* WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	475	598	876	---	325	486	1840	1980	444	1490	801
2	---	293	448	866	---	365	555	2050	1970	1420	1310	667
3	---	193	304	795	---	193	794	2100	1710	1610	1790	492
4	-9.6	144	285	1000	---	563	519	2110	1420	1760	2040	357
5	43	612	188	715	---	1400	535	2040	1200	1640	2060	525
6	-2.6	447	453	527	---	1980	525	1860	1090	1420	2010	953
7	89	224	1070	-504	---	956	415	1710	967	1170	1800	1020
8	59	465	1720	-1950	---	910	485	1480	872	957	1530	1070
9	9.4	770	1790	1960	---	494	710	1820	680	768	1310	1100
10	-3.0	381	1620	1450	---	533	791	2070	677	716	905	1030
11	-20	484	1330	2280	---	544	855	2200	942	1200	966	809
12	-45	708	1550	3040	---	313	815	2180	1100	1150	1040	641
13	13	300	1340	3270	---	870	529	2080	953	2430	959	753
14	-71	355	1040	---	---	860	641	1640	801	2670	816	637
15	161	297	746	---	---	366	1530	1980	952	2620	623	502
16	201	22	1580	---	---	547	1840	2210	1280	2490	605	265
17	-22	297	1690	---	---	587	1750	2150	1150	2290	589	421
18	14	1120	1380	---	---	810	1490	2020	847	2050	437	345
19	46	975	1110	---	---	1440	1350	1780	732	1910	507	286
20	-23	805	1080	---	---	1300	1210	1520	1000	1910	639	326
21	-36	1280	1060	---	---	1080	1170	1300	951	1710	360	231
22	-54	1170	774	---	---	1000	1490	1180	766	1380	270	388
23	-46	918	592	---	---	736	1490	1020	710	1140	303	388
24	-64	605	581	---	---	840	1310	900	661	1390	476	55
25	-22	607	806	---	412	945	1070	784	783	1530	850	53
26	-31	298	1230	---	279	269	868	633	1240	1490	1090	164
27	-31	241	1400	---	339	137	669	806	1250	1410	1080	78
28	-88	234	1470	---	303	437	564	889	1000	1170	1100	95
29	166	229	1390	---	---	718	1410	779	892	817	838	113
30	770	372	1180	---	---	918	1590	1090	527	1090	743	24
31	618	---	976	---	---	558	---	1040	---	1390	604	---
TOTAL	---	15324	32781	---	---	21834	29521	49261	31103	47142	31140	14589
MEAN	---	511	1057	---	---	704	984	1589	1037	1521	1005	486
MAX	---	1280	1790	---	---	1440	1840	2210	1980	2670	2060	1100
MIN	---	22	188	---	---	137	475	633	527	444	270	24

MISSISSIPPI RIVER DELTA

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA--Continued

DISCHARGE* IN CUBIC FEET PER SECOND* WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46	100	557	---	---	465	2710	557	436	547	594	88
2	70	68	148	---	---	456	2530	423	447	561	739	108
3	17	204	329	---	---	423	2290	426	385	529	704	87
4	108	270	158	---	---	450	2050	351	376	901	707	163
5	9.4	323	136	---	---	541	1790	51	431	856	505	132
6	62	168	357	---	---	719	1550	209	674	866	412	87
7	88	220	510	568	---	447	1340	327	623	799	433	33
8	.21	216	376	646	---	472	1210	807	617	663	390	68
9	21	-11	403	415	---	1240	1080	901	537	625	356	67
10	34	254	266	308	---	1140	882	616	482	597	179	118
11	23	11	199	321	---	818	742	1050	488	573	146	6.8
12	-36	231	261	405	---	672	647	1250	447	595	83	-13
13	-65	381	167	313	---	803	442	1070	426	681	119	-68
14	-97	-5.7	160	378	---	593	347	1070	302	599	132	-2.6
15	-55	41	196	270	---	1150	158	1020	262	583	64	48
16	119	31	238	318	---	1320	-115	850	672	602	135	68
17	269	23	188	415	---	1330	-63	848	953	918	129	26
18	83	90	273	117	---	1050	291	782	868	1310	30	-12
19	56	-81	142	147	---	840	510	553	879	1200	4.7	-38
20	306	211	165	249	---	689	456	525	724	986	85	57
21	205	276	189	282	---	757	534	579	644	792	112	37
22	45	87	162	136	---	674	352	553	567	713	58	12
23	5.9	168	140	107	---	630	167	566	442	715	56	-20
24	133	72	115	93	536	869	154	641	530	740	101	61
25	169	42	171	18	363	-784	458	527	532	612	95	-11
26	151	6.1	409	---	303	1630	336	368	569	859	108	14
27	150	972	331	---	401	2980	391	515	511	851	3.9	9.8
28	191	410	356	---	552	3070	397	691	508	630	44	471
29	271	142	1000	---	431	3030	354	501	541	556	17	631
30	297	418	---	---	---	2970	510	370	607	594	66	456
31	179	---	---	---	---	2670	---	423	---	612	33	---
TOTAL	2855.51	5337.4	---	---	---	33914	24500	19420	16480	22665	6640.6	2684.0
MEAN	92.1	178	---	---	---	1094	817	626	549	731	214	89.5
MAX	306	972	---	---	---	3070	2710	1250	953	1310	739	631
MIN	-97	-81	---	---	---	-784	-115	51	262	529	3.9	-68

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.89	4.61	3.74	---	---	4.54	9.61	3.70	4.56	3.94	3.69	3.79
2	3.36	5.19	4.25	---	---	4.55	9.17	3.35	4.33	4.12	4.68	3.86
3	3.43	5.19	4.40	---	---	4.41	8.57	3.56	4.10	4.65	5.88	3.74
4	3.53	4.93	4.39	---	---	4.87	7.93	3.39	4.16	5.11	4.69	3.65
5	3.83	4.33	4.50	---	---	4.80	7.21	4.34	4.21	5.25	4.44	3.46
6	3.96	4.66	4.65	4.80	---	4.89	6.53	4.94	5.07	5.53	4.56	3.34
7	3.81	4.73	4.33	4.72	---	3.92	6.07	4.44	5.41	5.23	3.81	3.75
8	3.97	4.60	3.92	3.49	---	4.62	5.64	4.96	4.96	4.73	3.31	3.78
9	3.99	5.01	3.51	2.82	---	6.11	5.06	4.91	4.59	4.64	3.43	3.53
10	3.87	4.69	3.61	3.91	---	5.14	4.81	5.08	4.46	4.51	3.89	3.11
11	3.76	4.29	4.30	4.29	---	4.81	4.61	5.94	4.39	4.34	3.83	2.98
12	3.82	4.45	4.22	3.72	---	5.09	4.27	5.89	4.27	4.27	3.85	3.74
13	4.12	2.51	4.44	4.21	---	4.35	4.17	5.83	4.27	4.50	3.73	4.22
14	4.39	2.57	4.64	3.66	---	4.27	4.37	5.56	4.32	4.31	3.79	4.55
15	4.66	3.57	4.45	3.17	---	5.72	4.80	5.15	4.84	4.25	3.97	4.09
16	4.82	4.03	4.02	3.87	---	5.96	5.80	4.84	5.05	4.23	3.90	3.63
17	3.55	4.21	3.97	2.69	---	5.74	6.26	4.55	5.28	4.79	3.57	3.53
18	3.17	4.18	2.42	3.12	---	5.59	6.19	4.10	5.45	5.96	3.29	3.61
19	3.83	4.36	2.41	3.97	---	5.39	5.50	4.26	4.90	5.49	3.86	3.79
20	3.99	4.50	3.50	3.86	---	5.37	5.13	4.50	4.44	5.04	3.99	3.94
21	4.01	3.00	3.22	3.01	---	4.99	4.47	4.49	4.12	4.65	3.69	3.81
22	4.36	2.87	2.99	2.88	---	4.50	3.65	4.29	4.35	4.51	3.53	3.46
23	4.82	2.45	3.48	3.38	---	4.58	4.07	4.35	4.59	4.45	3.49	3.86
24	4.66	2.98	3.57	3.65	3.80	5.62	4.55	4.00	4.87	4.25	3.30	3.54
25	4.44	3.19	4.32	4.07	3.72	11.80	3.86	4.02	4.70	4.61	3.20	3.47
26	3.77	4.84	3.18	---	3.83	11.20	3.38	4.42	4.68	5.05	3.23	3.84
27	3.92	5.45	3.79	---	3.47	10.68	4.17	5.00	4.75	4.82	3.59	3.95
28	4.20	4.83	4.65	---	3.83	10.45	4.44	4.21	4.39	4.40	3.61	4.96
29	3.98	4.82	---	---	4.21	10.37	4.45	4.00	4.20	4.35	3.67	5.52
30	3.82	4.80	---	---	---	10.26	4.44	4.42	4.05	4.40	3.82	3.96
31	4.11	---	---	---	---	9.98	---	4.73	---	4.02	3.85	---
MEAN	3.99	4.19	---	---	---	6.28	5.44	4.56	4.59	4.66	3.84	3.82
MAX	4.82	5.45	---	---	---	11.80	9.61	5.94	5.45	5.96	5.88	5.52
MIN	3.17	2.45	---	---	---	3.92	3.38	3.35	4.05	3.94	3.20	2.98

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA

LOCATION.--Lat 30°09'45", long 92°03'20", between lots 68 and 69, T.10 S., R.4 E., Lafayette Parish, at bridge on State Highway 3073, 4.1 mi (6.6 km) downstream from Coulee Mine, 4.8 mi (7.7 km) southwest of Central School at Lafayette, and 5.1 (8.2 km) downstream from Pinhook Bridge.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1967 to current year (gage height only).

GAGE.--Water-stage recorder. Altitude of gage is 0.5 ft (0.152 m) from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.63 ft (4.764 m) Dec. 6, 1972; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.74 ft (3.883 m) Mar. 25; minimum, 1.43 ft (0.436 m) Dec. 18.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.05	4.75	3.43	5.17	3.62	4.55	7.26	3.20	4.21	3.64	3.54	3.95
2	3.54	5.49	4.69	5.28	3.26	4.51	7.09	2.80	3.89	3.58	3.35	3.80
3	3.13	5.46	4.62	6.81	3.91	3.95	6.52	3.05	3.67	4.17	5.91	3.41
4	3.54	5.31	4.79	5.62	3.65	4.38	6.13	2.72	3.76	4.39	4.16	3.35
5	3.96	4.54	4.93	4.50	3.81	4.59	5.54	3.96	3.87	4.31	3.56	2.91
6	4.09	5.10	4.73	4.60	7.74	4.83	5.06	4.97	4.74	4.53	4.44	3.62
7	4.13	5.16	4.45	4.69	6.67	3.23	4.96	4.10	5.23	4.77	3.53	3.69
8	4.31	5.08	4.08	3.08	5.61	4.01	4.77	4.44	4.62	4.09	2.93	3.46
9	4.50	5.31	3.54	2.46	5.31	5.56	4.07	4.07	4.08	3.90	2.95	3.35
10	4.37	5.15	3.64	4.00	4.98	3.83	4.23	4.76	3.72	3.71	3.78	2.78
11	4.18	4.52	4.61	4.55	4.35	4.02	4.25	5.31	3.65	3.67	3.69	3.82
12	4.03	5.08	4.36	3.65	4.14	5.08	4.01	4.66	3.44	3.55	3.76	4.32
13	4.40	2.45	4.73	4.52	4.23	3.99	3.85	4.71	3.56	3.83	3.53	4.97
14	4.63	2.61	4.94	3.84	3.85	4.17	3.87	4.53	3.68	3.67	3.71	4.49
15	4.79	3.90	4.79	3.25	4.20	4.95	4.18	4.30	4.52	3.74	4.06	4.09
16	4.95	4.50	4.24	4.41	4.16	4.89	5.72	3.81	4.53	3.74	4.04	3.96
17	3.63	4.67	4.57	2.63	4.04	3.94	5.98	3.74	4.19	3.66	4.04	3.91
18	3.34	4.56	2.59	3.16	4.58	4.47	6.15	3.36	5.01	4.82	3.20	3.93
19	3.77	4.79	2.49	4.26	3.45	4.59	5.15	3.71	4.34	4.37	4.16	4.06
20	4.00	4.99	4.01	4.10	3.51	4.84	4.87	4.25	4.06	4.16	4.40	3.88
21	4.09	3.28	3.63	2.97	5.04	4.74	4.46	4.34	3.38	3.93	3.94	3.28
22	4.70	3.37	2.88	2.82	4.30	3.94	3.38	4.18	4.03	3.58	3.65	4.12
23	5.18	2.82	3.66	3.35	3.06	4.29	4.25	4.27	4.15	3.63	3.51	3.60
24	5.04	3.35	3.69	3.71	3.63	4.65	4.63	3.63	4.48	3.44	3.30	3.52
25	4.97	3.66	4.85	3.97	3.83	12.16	3.85	3.56	4.15	4.24	3.06	4.01
26	4.01	4.57	3.10	4.48	4.18	11.13	2.99	3.88	3.88	4.40	3.07	4.37
27	4.12	4.93	3.91	2.56	3.57	9.21	3.97	4.69	4.25	4.23	3.62	3.99
28	4.62	4.79	4.81	3.02	3.61	8.29	4.18	3.52	3.76	3.86	3.58	5.50
29	4.43	5.06	6.43	3.76	4.16	8.33	3.89	3.03	3.79	3.96	3.66	3.88
30	4.14	5.09	6.01	3.25	---	8.27	4.11	3.50	3.53	4.20	3.84	3.54
31	4.06	---	5.20	3.56	---	7.83	---	4.02	---	3.81	4.30	---
MEAN	4.22	4.48	4.27	3.94	4.29	5.52	4.78	3.97	4.07	3.99	3.75	3.85
MAX	5.18	5.49	6.43	6.81	7.74	12.16	7.26	5.31	5.23	4.82	5.91	5.50
MIN	3.13	2.45	2.49	2.46	3.06	3.23	2.99	2.72	3.38	3.44	2.93	2.78

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1970-76.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: January 1971 to current year.

WATER TEMPERATURES: October 1970 to current year.

DISSOLVED OXYGEN: November 1970 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1970.

REMARKS.--Upper limit of dissolved oxygen sensor is 15.0 mg/L.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 1,140 micromhos Sept. 25, 1972; minimum, 20 micromhos Sept. 6, 1973, Feb. 6, 1976.

WATER TEMPERATURES: Maximum, 35.5°C June 27, 28, 1973; minimum, 3.5°C Jan. 12, Feb. 11, 1973.

DISSOLVED OXYGEN: Maximum, 15.0 mg/L Sept. 11, 12, 22, 1972; minimum, 0.0 mg/L several days in July, Aug. 1973, several days in Sept. 1974, several days in May, July, Aug. 1975, Oct. 1, 1975.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 1,000 micromhos May 6; minimum, 20 micromhos Feb. 6.

WATER TEMPERATURES: Maximum, 32.0°C Aug. 1, 14, 18, 26; minimum, 6.0°C Jan. 9.

DISSOLVED OXYGEN: Maximum, 12.2 mg/L Aug. 20; minimum, 0.0 Oct. 1.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED SILICA (SiO ₂) (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO ₃) (MG/L)	CAR- BONATE (CO ₃) (MG/L)	ALKA- LINITY AS CACO ₃ (MG/L)	DIS- SOLVED SULFATE (SO ₄) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)
OCT.												
17...	1220	14	28	8.8	46	4.2	129	0	106	12	66	.2
NOV.												
13...	1645	14	20	7.5	23	4.2	90	0	74	13	31	.2
DEC.												
11...	1220	13	19	5.0	26	4.5	95	0	78	14	30	.3
JAN.												
13...	1700	13	15	5.1	20	3.2	66	0	54	12	29	.3
FEB.												
13...	0930	7.9	9.9	2.5	14	3.2	47	0	39	8.7	18	.3
MAR.												
10...	1145	8.1	15	4.4	18	3.6	63	0	52	6.8	28	.3
APR.												
13...	1115	8.6	13	3.5	14	2.7	57	0	47	7.5	17	.3
MAY												
19...	1045	8.9	10	4.0	10	3.1	50	0	41	7.0	13	.2
JUNE												
17...	1200	8.0	16	4.5	12	2.6	64	0	52	10	15	.2
JULY												
21...	0945	8.6	12	3.2	11	3.2	48	0	39	6.3	14	.3
AUG.												
05...	1700	9.1	13	3.9	10	3.7	58	0	48	5.3	13	.3
SEP.												
01...	1230	19	28	11	40	4.1	140	0	115	15	54	.3

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L)	DIS- SOLVED SOLIDS (TONS PER AC-FT)	HARD- NESS (CA,MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	PERCENT SODIUM	SODIUM AD- SORP- TION RATIO	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)
OCT. 17...	.35	.05	.40	.58	241	243	.33	110	4	47	1.9	455
NOV. 13...	.27	.04	.31	.50	188	157	.26	81	7	37	1.1	289
DEC. 11...	.34	.04	.38	.54	168	159	.23	68	0	43	1.4	282
JAN. 13...	.13	.05	.18	.81	158	130	.21	58	4	41	1.1	226
FEB. 13...	.28	.09	.37	.50	76	88	.10	35	0	44	1.0	158
MAR. 10...	.65	.06	.71	.55	136	115	.19	56	4	39	1.1	214
APR. 13...	.22	.05	.27	.58	102	95	.14	47	0	38	.9	169
MAY 19...	--	--	.79	--	110	81	.15	41	0	32	.7	138
JUNE 17...	--	--	1.0	.30	116	100	.16	58	5	30	.7	187
JULY 21...	--	--	.35	.44	84	83	.11	43	4	34	.7	149
AUG. 05...	--	--	.38	.42	86	87	.12	49	1	29	.6	158
SEP. 01...	--	--	.38	1.2	230	240	.31	120	0	42	1.6	919

DATE	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLI- FORM (COL. PER 100 ML)	STREP- TOCOCCI (COL- ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	PHENOLS (UG/L)	CYANIDE (CN) (MG/L)
OCT. 17...	7.7	24.5	20	15	>.8	4.1	44000	20000	11	--	--
NOV. 13...	7.2	19.5	55	50	3.7	9.1	--	1100	--	--	--
DEC. 11...	7.7	14.0	80	45	--	3.0	47000	3700	--	--	--
JAN. 13...	7.3	13.0	55	50	4.2	5.3	2000	380	11	--	--
FEB. 13...	6.7	16.0	75	55	3.9	15	550	1200	--	--	--
MAR. 10...	6.8	17.5	--	75	2.3	16	8500	>10000	--	--	--
APR. 13...	7.2	23.0	70	40	1.6	5.8	>34000	>2500	17	0	.00
MAY 19...	7.5	22.5	80	55	2.9	2.5	--	280	--	--	--
JUNE 17...	7.4	26.5	30	200	1.9	4.1	2100	--	--	--	--
JULY 21...	7.2	28.0	70	--	.8	4.8	--	400	6.0	--	--
AUG. 05...	7.0	29.0	100	45	4.2	9.3	2100	350	--	--	--
SEP. 01...	7.6	31.0	50	10	6.9	5.6	3500	2200	--	--	--

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL CHLOR- DANE (UG/L)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DI- AZINON (UG/L)
OCT. 17...	.00	--	.0	--	.00	--	.00	--	.00	--	.01
JAN. 13...	.00	--	.0	--	.00	--	.00	--	.00	--	.04
FEB. 13...	--	--	--	--	--	--	--	--	--	--	--
APR. 13...	.00	.0	.0	34	.00	27	.00	9.0	.01	9.0	.05
JULY 21...	.00	--	.0	--	.00	--	.00	--	.00	--	.01

DATE	TOTAL DIELDRIN (UG/L)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)
OCT. 17...	.00	--	.00	--	.00	.00	--	.00	--	.00
JAN. 13...	.00	--	.00	--	.00	.00	--	.00	--	.00
FEB. 13...	--	--	--	--	--	--	--	--	--	--
APR. 13...	.00	4.8	.00	.0	.00	.00	.0	.00	.0	.00
JULY 21...	.01	--	.00	--	.00	.00	--	.00	--	.00

DATE	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
OCT. 17...	--	.00	.00	.00	.00	.0	--	.00	0	--
JAN. 13...	--	.00	.00	.00	.00	.0	--	.00	0	--
FEB. 13...	--	--	--	--	--	--	--	--	--	--
APR. 13...	.0	.00	.00	.00	.00	.0	12	.00	0	0
JULY 21...	--	.00	.00	.00	.00	.0	--	.00	0	--

DATE	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)
OCT. 17...	.00	1.3	.25	.29	5	--	0	--	0	--
JAN. 13...	.00	.00	.00	.00	--	--	--	--	--	--
FEB. 13...	--	--	--	--	--	--	3	--	--	--
APR. 13...	.00	.02	.04	.03	--	8	--	<10	--	20
JULY 21...	.00	.05	.06	.06	4	--	2	--	0	--

MISSISSIPPI RIVER DELTA

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	TOTAL MANGA- NESE IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
OCT. 17...	5	--	0	--	.9	--	330	--	7	--
JAN. 13...	--	--	--	--	--	--	--	--	--	--
FEB. 13...	12	--	0	--	--	--	160	--	30	--
APR. 13...	--	10	--	<10	--	.1	--	460	--	70
JULY 21...	18	--	3	--	.3	--	120	--	20	--

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA --Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	235	200	285	245	---	---	235	210	335	170	210	165
2	313	212	305	245	---	---	250	215	310	165	205	170
3	337	219	365	270	---	---	265	155	265	165	235	195
4	322	234	315	235	345	325	175	155	225	190	260	225
5	331	268	---	---	375	315	215	170	225	185	290	235
6	360	285	---	---	365	260	230	185	220	20	690	215
7	394	308	---	---	275	225	---	---	135	55	570	285
8	403	311	---	---	285	230	291	171	95	70	305	235
9	473	345	---	---	340	250	266	211	155	100	610	160
10	521	375	---	---	345	255	612	222	170	110	235	160
11	475	379	---	---	285	250	883	233	180	145	240	215
12	467	376	---	---	300	260	513	243	205	140	235	205
13	452	389	---	---	260	245	339	226	170	145	225	165
14	503	410	---	---	320	255	289	149	190	155	250	170
15	445	395	---	---	300	255	235	210	265	175	235	160
16	530	410	---	---	295	255	435	225	275	180	205	140
17	505	420	---	---	300	270	435	225	240	180	185	105
18	490	385	---	---	360	260	265	235	230	155	165	105
19	550	380	---	---	355	320	265	215	180	155	170	150
20	545	335	---	---	355	325	295	215	205	170	195	155
21	365	225	---	---	340	275	330	240	395	195	165	125
22	275	220	---	---	305	240	360	300	305	105	205	160
23	280	235	---	---	315	300	335	310	225	125	200	160
24	---	---	---	---	380	310	465	320	175	125	230	95
25	360	255	---	---	365	310	450	385	185	150	---	---
26	375	280	---	---	455	315	525	320	200	160	---	---
27	390	305	---	---	545	345	585	310	205	160	---	---
28	345	260	---	---	435	320	475	250	200	150	---	---
29	330	285	---	---	345	225	255	175	235	145	80	35
30	390	240	---	---	270	205	215	170	---	---	95	35
31	270	230	---	---	235	215	255	205	---	---	70	35

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	95	55	670	350	269	240	371	225	246	175	435	424
2	100	75	615	290	327	261	304	221	181	105	515	435
3	100	50	705	280	---	---	237	191	324	133	583	487
4	100	85	630	300	---	---	265	211	180	160	475	376
5	130	60	655	290	---	---	215	131	190	170	534	391
6	120	95	1000	405	---	---	194	133	289	175	389	304
7	145	105	710	290	---	---	180	164	262	236	395	317
8	155	105	---	---	---	---	197	165	258	229	387	343
9	165	105	---	---	---	---	270	198	276	235	439	353
10	150	115	---	---	259	245	337	216	282	250	416	333
11	155	135	---	---	319	263	232	191	279	261	383	351
12	170	145	---	---	274	252	217	201	338	262	437	347
13	200	145	---	---	289	257	393	213	337	299	426	346
14	200	140	160	118	286	275	436	246	386	266	463	416
15	195	150	152	124	292	277	278	240	316	282	461	389
16	325	145	165	124	330	263	278	234	449	317	522	426
17	375	170	148	129	279	159	285	193	446	333	515	455
18	425	195	168	136	353	142	266	190	375	318	458	449
19	400	120	174	138	215	183	22	162	355	318	453	447
20	395	140	159	144	217	197	198	164	344	321	479	427
21	355	180	181	144	207	183	174	159	359	345	529	373
22	365	175	184	157	243	186	252	144	346	317	430	348
23	620	215	185	167	195	156	253	155	337	294	417	378
24	645	235	207	166	182	165	170	138	393	302	486	413
25	510	220	266	187	190	181	175	147	391	340	509	463
26	450	170	256	183	222	186	242	149	384	340	592	451
27	480	245	218	193	291	187	239	156	381	326	592	516
28	410	145	222	204	212	185	210	160	431	347	558	117
29	575	280	228	207	232	194	213	167	549	402	351	153
30	405	430	233	224	275	228	192	172	542	462	379	176
31	---	---	245	232	---	---	246	166	492	411	---	---

MISSISSIPPI RIVER DELTA

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA --Continued
 DISSOLVED OXYGEN (DO), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	2.4	0	3.9	2.3	---	---	6.9	5.7	5.9	5.8	4.4	4.0
2	2.6	1.3	3.3	1.5	---	---	6.9	6.3	5.9	5.6	4.4	4.0
3	2.3	1.7	3.8	1.2	---	---	7.0	4.7	5.8	5.4	4.5	4.1
4	4.0	1.5	3.1	.3	4.7	1.2	7.0	4.5	5.7	5.2	4.4	4.1
5	3.2	2.0	---	---	1.2	.3	7.2	4.7	5.4	4.9	4.4	4.2
6	2.3	1.5	---	---	5.3	.1	7.4	4.4	5.4	4.9	4.7	4.3
7	2.6	1.3	---	---	5.6	2.2	7.5	6.7	5.4	5.2	4.7	4.4
8	2.3	1.5	---	---	5.6	.6	6.9	6.7	5.3	5.0	4.8	4.4
9	2.4	1.3	---	---	3.5	.2	7.1	6.7	5.2	4.7	4.8	4.5
10	2.0	1.4	---	---	1.8	.1	7.1	6.8	5.1	4.6	4.9	4.7
11	1.9	1.3	---	---	---	---	7.1	6.7	4.9	4.5	5.1	4.7
12	2.2	1.4	---	---	---	---	7.7	6.7	4.9	4.5	4.9	4.6
13	2.0	.8	---	---	---	---	7.7	6.8	6.2	4.4	5.1	4.8
14	2.3	1.5	---	---	---	---	7.4	7.0	4.5	4.3	5.2	4.9
15	1.8	1.1	---	---	---	---	7.7	7.2	4.5	4.2	5.2	4.7
16	1.8	1.2	---	---	---	---	6.9	6.6	4.5	4.1	5.3	4.8
17	1.7	1.2	---	---	---	---	6.2	5.9	4.4	4.1	5.5	5.3
18	1.7	1.2	---	---	---	---	5.6	5.2	4.6	4.0	5.6	5.2
19	1.3	1.1	---	---	6.0	5.7	5.0	4.7	4.6	4.4	6.6	5.3
20	1.4	1.1	---	---	6.0	5.8	4.3	4.0	4.6	4.2	6.1	5.8
21	2.0	1.0	---	---	6.2	5.9	3.8	3.4	4.4	4.2	5.8	5.5
22	1.9	1.0	---	---	6.2	5.9	4.0	3.9	4.6	4.4	5.5	5.2
23	1.5	.7	---	---	6.3	6.1	4.3	4.2	4.7	4.5	5.4	5.1
24	1.5	.9	---	---	6.4	6.1	4.6	4.3	4.7	4.4	5.2	4.8
25	1.3	.8	---	---	6.4	6.1	4.8	4.5	4.5	4.3	4.8	4.5
26	1.6	.9	---	---	6.5	6.1	5.1	4.9	4.4	3.9	4.8	3.9
27	2.5	.9	---	---	6.5	4.1	5.5	5.3	4.3	3.9	4.7	4.1
28	2.2	.9	---	---	6.6	4.4	5.8	5.6	4.2	4.0	4.5	4.1
29	2.0	.4	---	---	6.9	6.2	6.1	5.9	4.3	3.9	4.2	3.9
30	4.6	1.1	---	---	6.7	4.3	6.4	6.0	---	---	4.0	3.7
31	4.2	2.2	---	---	6.8	4.4	6.2	5.8	---	---	4.0	3.8

DISSOLVED OXYGEN (DO), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	3.9	3.6	3.4	2.3	3.1	2.5	3.5	2.3	3.8	3.4	7.3	.4
2	3.7	3.5	3.6	2.3	3.5	3.3	3.1	2.4	4.9	3.1	4.1	.6
3	3.8	3.4	3.7	2.5	---	---	3.5	2.5	4.1	1.8	6.7	.3
4	3.6	3.1	3.7	2.4	---	---	3.4	2.5	2.8	2.0	3.9	.3
5	3.2	2.9	3.8	2.5	---	---	3.9	3.0	2.8	2.0	4.6	.5
6	2.9	2.7	4.3	2.9	---	---	4.2	3.0	2.8	1.4	3.7	.8
7	3.1	2.6	4.2	2.6	---	---	3.4	3.1	2.6	1.8	6.0	1.7
8	3.0	2.8	---	---	---	---	3.4	3.0	2.6	2.0	5.1	1.9
9	3.0	2.8	---	---	---	---	3.3	2.5	2.8	1.6	5.9	1.5
10	2.9	2.7	---	---	3.3	2.8	3.2	2.7	2.8	1.7	3.6	1.2
11	2.8	2.6	---	---	3.5	2.9	3.0	2.6	3.6	1.2	5.9	1.3
12	2.9	2.6	---	---	4.0	2.9	2.9	2.3	5.4	1.6	5.8	2.6
13	2.8	2.6	---	---	3.5	2.6	3.0	2.0	5.1	2.1	5.8	3.0
14	2.8	2.5	---	---	3.2	2.2	2.7	2.3	6.9	1.8	6.4	1.8
15	2.7	2.6	4.4	4.2	3.5	2.1	3.1	2.3	3.4	2.4	4.9	2.0
16	2.8	1.6	4.6	4.3	4.4	2.1	3.4	2.6	4.3	2.9	9.3	1.8
17	2.7	1.1	4.6	4.3	5.2	4.2	4.6	2.6	4.1	3.4	8.0	1.0
18	2.7	1.5	4.4	4.2	4.2	1.9	4.2	2.9	5.7	4.0	7.1	.5
19	3.3	1.7	4.4	4.0	4.1	3.4	2.9	2.3	8.6	4.4	4.5	.4
20	2.9	1.6	4.3	4.1	3.6	3.2	2.5	2.3	12.2	1.8	2.4	.6
21	3.6	1.9	4.4	4.1	3.5	3.0	2.6	2.5	8.9	.6	.8	.5
22	3.0	2.1	4.6	4.4	3.3	2.7	3.5	2.2	8.0	1.2	1.2	.6
23	3.3	2.1	4.7	4.2	3.3	2.7	3.9	3.2	4.2	1.5	.8	.7
24	3.6	2.4	4.6	3.4	4.1	3.2	4.3	3.6	4.5	2.3	8.6	.7
25	4.1	2.5	3.7	3.0	4.4	3.5	4.1	2.8	5.0	.9	8.0	2.4
26	3.5	3.1	3.3	2.8	3.7	2.8	3.6	2.4	5.3	1.9	8.3	3.5
27	3.6	2.6	4.0	3.3	3.8	2.3	3.4	2.2	3.1	1.6	5.6	2.3
28	4.2	2.6	4.5	4.0	2.7	1.7	2.6	2.3	2.9	.9	5.6	1.1
29	3.2	1.9	4.2	3.5	2.0	1.5	3.0	2.3	2.7	.6	4.5	2.6
30	3.7	3.0	4.0	3.1	2.5	1.8	3.4	2.2	5.8	.9	2.8	2.3
31	---	---	3.7	2.8	---	---	3.9	3.2	8.3	1.1	---	---

MISSISSIPPI RIVER DELTA

357

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA --Continued

PH (UNITS), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1			---	---	7.1	7.0	7.0	6.8	7.0	6.9	7.2	6.9
2			---	---	7.2	7.1	7.0	6.8	6.9	6.7	7.3	7.0
3			---	---	---	---	7.0	6.8	7.0	6.8	7.3	6.9
4			---	---	---	---	7.1	6.9	7.0	6.7	7.1	6.9
5			---	---	---	---	7.0	6.7	6.7	6.7	7.2	6.9
6			---	---	---	---	6.9	6.6	6.9	6.8	7.0	6.8
7			---	---	---	---	6.8	6.7	6.9	6.8	7.2	6.8
8			---	---	---	---	7.0	6.7	6.8	6.8	7.2	6.9
9			---	---	---	---	7.0	6.8	6.9	6.8	7.3	6.9
10			---	---	7.2	7.1	7.1	6.9	6.9	6.8	7.1	6.9
11			---	---	7.2	7.1	7.0	6.9	7.1	6.9	7.4	6.9
12			---	---	7.2	7.1	7.0	6.8	7.2	6.9	7.4	7.0
13			---	---	7.2	7.1	6.9	6.7	7.1	6.9	7.4	7.0
14			---	---	7.2	7.1	6.9	6.8	7.4	6.9	7.6	6.9
15			---	---	7.1	7.0	7.1	6.8	7.0	6.9	7.4	6.8
16			---	---	7.2	7.0	7.1	7.0	7.0	6.9	7.5	6.9
17			---	---	7.3	6.9	7.3	7.0	7.0	6.9	7.5	6.9
18			6.7	6.6	7.2	6.8	7.2	6.9	7.0	6.8	7.5	6.9
19			6.9	6.6	7.0	6.8	7.2	6.8	7.1	6.8	7.3	6.9
20			6.8	6.6	7.0	6.8	7.0	6.7	7.5	6.9	7.1	6.8
21			6.8	6.6	7.1	6.8	6.9	6.7	7.2	6.8	6.9	6.8
22			6.8	6.6	6.9	6.8	7.2	6.7	7.2	6.8	7.1	6.7
23			6.8	6.6	6.9	6.8	7.1	6.8	6.9	6.8	7.0	6.9
24			6.9	6.6	7.0	6.8	7.0	6.8	7.1	6.8	7.0	6.9
25			6.8	6.6	7.1	6.9	7.0	6.8	7.3	6.9	7.0	6.9
26			6.8	6.6	7.1	6.9	7.0	6.8	7.3	7.0	7.0	6.9
27			6.9	6.7	7.2	6.9	6.9	6.6	7.0	6.9	6.9	6.8
28			7.1	6.9	7.0	6.8	6.9	6.6	7.0	6.9	7.1	6.7
29			7.0	6.9	6.9	6.8	6.9	6.7	7.0	6.9	6.8	6.6
30			7.0	6.9	7.0	6.9	7.0	6.8	7.1	6.9	6.8	6.6
31			7.1	7.0	---	---	7.1	6.8	7.2	6.9	---	---

MISSISSIPPI RIVER DELTA

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA --Continued

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	24.0	21.5	21.5	19.0	---	---	13.5	11.0	11.5	10.5	18.0	16.5
2	23.0	22.0	22.0	20.0	---	---	14.0	12.5	12.0	10.0	19.0	17.5
3	23.0	20.5	21.5	20.5	---	---	14.0	11.5	13.0	10.0	19.5	18.0
4	22.0	20.0	22.5	21.0	11.5	11.0	11.0	9.5	13.5	11.5	20.0	19.0
5	23.0	21.0	---	---	13.0	11.0	9.0	8.5	14.0	13.0	20.5	19.0
6	23.5	21.5	---	---	14.0	12.5	10.5	8.0	16.5	13.5	19.0	18.0
7	24.0	22.0	---	---	14.5	13.5	11.5	8.5	14.0	12.5	18.0	17.0
8	24.0	22.0	---	---	13.5	12.5	9.0	7.5	13.0	11.5	17.5	17.0
9	25.0	22.0	---	---	13.5	12.0	8.5	6.0	12.5	10.5	17.0	16.0
10	25.0	22.5	---	---	13.5	12.0	8.5	7.0	13.5	11.5	17.0	15.0
11	25.0	23.0	---	---	13.5	12.0	8.5	7.5	14.5	12.5	18.0	16.0
12	26.0	23.5	---	---	13.5	12.0	10.5	8.0	15.5	13.5	19.0	17.0
13	26.0	23.5	---	---	13.5	11.5	12.0	9.5	16.0	14.0	18.5	17.0
14	25.5	24.0	---	---	15.0	12.5	11.5	10.5	16.5	14.5	17.0	16.0
15	24.5	23.5	---	---	15.5	14.0	11.5	9.5	17.5	15.5	16.5	15.0
16	24.0	23.5	---	---	15.0	13.5	12.0	10.5	18.0	16.0	15.5	14.5
17	25.0	23.0	---	---	13.5	12.0	10.5	9.0	18.0	16.5	17.0	14.5
18	23.0	21.5	---	---	13.0	10.5	10.5	8.5	19.0	17.5	17.0	14.5
19	23.0	20.0	---	---	11.5	10.5	11.5	9.0	19.5	17.0	17.0	15.5
20	22.0	20.0	---	---	12.0	10.5	11.0	10.0	19.0	17.5	18.5	16.5
21	21.5	20.0	---	---	11.5	10.5	11.5	9.0	19.0	17.5	18.5	17.5
22	21.5	20.0	---	---	11.5	10.0	12.0	9.5	17.0	15.0	18.5	16.5
23	21.5	20.0	---	---	11.5	10.0	12.5	9.5	16.0	14.0	18.5	16.5
24	22.0	20.0	---	---	11.5	10.5	13.5	11.0	16.0	13.5	18.0	17.0
25	22.0	20.5	---	---	11.5	10.0	13.0	11.5	17.0	14.0	16.5	16.5
26	21.5	19.0	---	---	11.0	9.5	13.0	11.5	17.0	15.0	18.5	16.5
27	21.5	19.0	---	---	11.0	8.5	11.5	10.5	17.5	15.5	19.0	17.5
28	22.0	19.5	---	---	11.5	9.5	11.5	9.5	18.0	16.0	19.0	18.5
29	22.0	20.5	---	---	13.0	11.0	12.0	9.0	18.0	16.0	19.0	18.5
30	22.0	20.5	---	---	12.0	11.0	13.0	10.0	---	---	19.5	18.5
31	21.5	20.0	---	---	12.5	10.0	12.0	11.0	---	---	19.0	18.0

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	19.0	17.0	23.5	22.0	27.5	26.5	30.0	28.0	32.0	30.0	31.0	28.5
2	19.0	17.0	24.5	21.5	28.0	26.5	31.0	28.0	31.0	26.0	31.5	29.0
3	19.0	17.5	25.5	22.5	---	---	30.0	28.5	29.5	25.5	31.5	29.0
4	19.5	18.0	25.5	23.0	---	---	29.5	27.5	29.0	27.0	29.5	28.0
5	18.5	18.0	25.0	24.0	---	---	28.5	26.5	28.5	28.0	29.0	27.0
6	19.5	18.0	26.5	24.0	---	---	27.0	25.5	30.0	28.0	29.5	27.0
7	19.5	18.5	26.0	24.5	---	---	27.0	25.5	31.0	29.0	30.0	28.0
8	20.5	19.0	---	---	---	---	28.0	26.5	31.5	29.0	29.5	28.0
9	21.0	19.0	---	---	---	---	28.0	27.0	30.5	28.5	30.0	28.0
10	21.5	19.0	---	---	28.5	26.0	28.5	27.0	31.0	29.0	28.5	28.0
11	21.5	19.0	---	---	29.0	26.5	28.5	27.5	31.0	29.0	27.5	26.5
12	23.0	19.5	---	---	29.5	26.5	29.0	27.5	31.0	29.0	27.5	25.5
13	22.0	20.5	---	---	29.5	27.0	29.0	26.5	30.5	29.5	27.0	26.0
14	23.5	20.5	---	---	28.5	27.5	29.5	27.5	32.0	28.0	28.0	26.0
15	21.5	24.0	---	---	29.0	28.0	30.5	28.5	30.0	29.5	28.5	26.5
16	23.0	21.5	---	---	29.0	27.5	31.5	28.5	30.5	29.0	29.0	26.5
17	23.0	21.5	---	---	27.5	26.0	29.5	26.5	31.5	29.0	28.5	27.0
18	24.5	22.5	---	---	27.5	26.0	27.0	26.0	32.0	29.5	29.0	26.5
19	24.0	22.5	24.0	22.0	28.0	26.5	27.0	25.0	31.5	29.5	28.0	26.5
20	23.5	22.5	24.5	22.5	28.5	27.0	29.0	26.5	30.5	29.0	27.5	26.0
21	24.5	22.0	24.5	23.0	29.5	27.0	28.0	27.5	30.0	28.5	27.0	25.0
22	24.5	21.5	25.0	23.0	28.5	27.0	27.5	27.0	30.0	28.0	27.0	25.0
23	24.5	23.0	25.5	23.5	29.5	27.0	28.5	26.5	29.5	28.0	26.5	25.0
24	24.5	23.0	26.5	24.0	30.0	27.5	29.0	27.5	30.0	28.0	27.0	25.5
25	24.5	23.0	26.5	24.5	29.5	28.5	29.5	27.5	31.0	28.5	28.0	26.5
26	24.5	22.5	26.0	25.0	30.5	28.5	30.0	28.0	32.0	29.0	28.0	26.5
27	23.5	22.0	26.0	25.0	30.0	27.5	29.0	28.5	29.5	28.5	27.5	27.0
28	24.5	21.5	26.5	24.5	31.5	29.0	31.0	28.0	29.5	28.5	27.0	22.5
29	23.5	22.0	28.0	25.0	30.5	29.0	30.5	29.0	29.5	28.5	24.0	22.5
30	23.0	22.0	28.0	26.0	30.5	29.0	31.0	29.5	30.0	28.0	24.0	22.0
31	---	---	28.0	26.5	---	---	31.5	29.5	31.0	28.5	---	---

07386980 VERMILION RIVER AT PERRY, LA

LOCATION.--Lat 29°57'04", long 92°09'22", Vermilion Parish, at bridge on State Highway 82 at Perry, 2.0 mi (3.2 km) south of Abbeville.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1966-74.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1965 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1965. Sensor is 2 ft (0.6 m) above stream bottom.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 6,200 micromhos July 11, 1972; minimum, 35 micromhos Dec. 7, 1971.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 485 micromhos Oct. 27; minimum, 85 micromhos Mar. 25, 26.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	255	255	300	210	235	165	150	230	235	220	190	270
2	220	255	300	210	250	170	---	255	215	225	190	270
3	240	290	290	205	250	170	---	270	225	225	95	255
4	245	290	300	160	255	170	---	280	240	200	115	260
5	240	275	300	145	225	170	---	235	240	240	160	225
6	255	275	275	150	185	145	---	265	245	215	175	270
7	275	260	320	190	115	160	---	275	180	165	125	250
8	275	265	350	195	140	165	---	300	200	170	145	280
9	280	260	360	210	135	190	150	345	210	170	160	340
10	275	270	300	210	150	145	170	320	250	180	175	380
11	255	255	295	210	155	190	165	255	250	180	220	385
12	255	245	270	220	160	225	175	235	255	165	220	375
13	255	250	255	225	180	190	185	220	255	180	220	355
14	260	250	265	260	195	190	205	170	250	210	215	345
15	270	265	270	275	205	185	200	160	255	255	220	400
16	260	265	300	265	210	165	175	165	260	210	230	460
17	320	265	310	230	195	150	190	180	250	220	240	460
18	345	265	275	230	195	155	205	200	230	230	235	450
19	335	270	280	230	215	150	220	180	250	220	235	445
20	390	270	280	235	230	145	200	180	200	225	235	435
21	410	315	280	255	230	145	195	190	190	220	250	400
22	420	315	285	305	230	145	205	190	215	195	270	380
23	420	325	285	300	245	150	200	185	220	200	290	380
24	440	330	285	300	245	145	215	185	240	170	295	370
25	470	330	290	290	255	95	245	205	235	140	290	370
26	480	300	325	240	220	85	250	200	230	140	300	370
27	485	410	320	280	175	105	250	215	220	150	370	380
28	460	440	325	300	160	110	260	185	205	160	340	390
29	265	345	345	325	165	---	290	200	210	175	325	420
30	245	280	235	340	---	---	270	200	220	190	325	160
31	250	---	205	340	---	---	---	220	---	190	305	---

294110091533000 VERMILION BAY AT CYPRE MORT POINT, NEAR LOUISA, LA (CE 88850)

LOCATION.--Lat 29°41'10", long 91°53'30", R.6 E., T.15 S., Iberia Parish, at Cypremort Point, 13 mi (21 km) south of Avery Island, 8 mi (13 km) southwest of Louisa.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974-76.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 4,900 mg/L Oct. 30, 1975; minimum, 240 mg/L May 8, 1975.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
07...	1544	20	97	230	75	0	470	3500	.00	.00	.00	--
21...	1514	20	86	220	73	0	440	3300	.01	.01	.02	--
NOV.												
05...	1424	10	91	220	74	0	480	3300	.00	.00	.00	--
18...	1500	50	120	200	72	0	440	3200	.03	.01	.04	--
DEC.												
02...	0920	60	110	280	86	0	520	3800	.05	.00	.05	--
18...	1610	30	110	250	95	0	400	3600	.21	.00	.21	--
JAN.												
07...	1539	40	91	190	93	0	360	2800	.18	.00	.18	.30
16...	1353	10	86	18	92	0	370	2700	.20	.01	.21	.23
28...	1235	10	80	160	84	0	320	2400	.15	.01	.16	.65
FEB.												
11...	1753	10	62	130	93	0	270	1900	.36	.01	.37	.35
25...	1615	10	64	160	82	0	330	2500	.24	.01	.25	.58
MAR.												
11...	1347	220	73	160	84	0	390	2600	.43	.01	.44	1.1
24...	1335	100	35	38	85	0	94	570	.81	.01	.82	.65
APR.												
06...	1229	20	74	150	79	0	340	2500	.33	.01	.34	.64
21...	1303	30	49	89	76	0	170	1200	.51	.01	.52	.38
MAY												
06...	1543	0	36	34	87	0	83	470	.68	.01	.69	.48
19...	1524	10	50	89	63	0	180	1500	.06	.01	.07	.84
JUNE												
03...	1440	10	62	120	70	0	260	2000	.03	.01	.04	.67
AUG.												
20...	1615	30	110	280	82	0	550	4100	.01	.01	.02	.77
SEP.												
10...	1235	30	120	310	82	0	620	4800	.00	.00	.00	.57

294110091533000 VERMILION BAY AT CYPREMORE POINT, NEAR LOUISA, LA. (CE 88850)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDED SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
07...	.08	15	--	1200	1100	10800	7.9	23.0	20	5	8.6	--
21...	1.1	15	--	1100	1000	10500	7.9	22.5	5	5	8.2	--
NOV.												
05...	.21	23	--	1100	1000	10500	7.8	23.0	20	6	8.0	--
18...	.25	10	--	1100	1000	9980	7.4	16.0	15	8	9.9	--
DEC.												
02...	1.7	20	--	1400	1400	12300	7.8	11.0	10	10	9.9	--
18...	.14	86	--	1300	1200	11300	7.8	10.0	15	30	10.0	--
JAN.												
07...	.84	53	<1.0	1000	920	8620	7.7	12.0	15	25	10.1	130
16...	.93	48	<1.0	290	220	8700	7.7	9.5	20	40	10.3	74
28...	.37	66	<1.0	860	790	7830	7.7	9.0	15	30	8.7	110
FEB.												
11...	.13	41	<1.0	690	610	6220	8.0	16.5	25	20	9.2	99
25...	.07	66	<1.0	820	750	7850	7.9	17.0	25	20	9.5	45
MAR.												
11...	.10	292	<1.0	840	770	8140	7.8	17.0	25	55	9.3	35
24...	.26	84	<1.0	240	170	2050	7.8	17.5	20	40	8.6	75
APR.												
06...	.13	21	<1.0	800	740	7310	7.5	19.5	20	20	8.8	110
21...	.22	83	<1.0	490	430	4070	8.1	24.0	30	45	7.7	41
MAY												
06...	.14	41	<1.0	230	160	1770	8.2	23.5	20	50	8.2	48
19...	.10	29	<1.0	490	440	4830	7.9	24.5	30	25	8.3	88
JUNE												
03...	.15	33	<1.0	650	590	6390	8.0	27.5	20	15	6.7	110
AUG.												
20...	.05	14	<1.0	1400	1400	12800	7.6	--	3	3	9.0	--
SEP.												
10...	.10	23	<1.0	1600	1500	14200	7.8	--	15	5	7.7	--

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
07...	2.0	<5	<5	5.2	.00	0	1	.00	.0	.00	.00	.00
21...	3.3	20	<5	13	.00	0	0	.00	.0	.00	.00	.00
NOV.												
05...	2.0	20	<5	5.4	.00	2	0	.00	.0	.00	.00	.00
18...	2.6	140	100	7.6	.00	4	0	.00	.0	.00	.00	.00
DEC.												
02...	3.2	<5	<5	4.6	.00	1	0	.00	.0	.00	.00	.00
18...	3.8	42	13	13	.00	1	2	.00	.0	.00	.00	.00
JAN.												
07...	4.2	220	20	7.8	.00	0	2	.00	.0	.00	.00	.00
16...	3.5	67	<5	11	.00	2	0	.00	.0	.00	.00	.00
28...	1.7	60	20	7.2	.00	0	0	.00	.0	.00	.00	.00
FEB.												
11...	1.5	20	<5	11	.00	0	0	.00	.0	.00	.00	.00
25...	2.6	40	12	1.0	.00	0	0	.00	.0	.00	.00	.00
MAR.												
11...	2.1	40	6	11	.00	0	0	.00	.0	.00	.00	.00
24...	.7	92	30	8.0	.00	2	0	.00	.0	.00	.00	.00
APR.												
06...	1.9	<5	<5	7.6	.00	0	0	.00	.0	.00	.00	.00
21...	2.9	66	20	7.2	.00	0	0	.00	.0	.00	.00	.00
MAY												
06...	.8	16	<5	7.8	.00	2	0	.00	.0	.00	.00	.00
19...	1.6	140	40	7.9	.00	1	0	.00	.0	.00	.00	.00
JUNE												
03...	3.4	3900	10	4.1	.00	1	0	.00	.0	.00	.00	.00
AUG.												
20...	--	80	<5	4.9	.00	6	0	.00	.0	.00	.00	.00
SEP.												
10...	2.2	<5	<5	7.2	.00	7	0	.00	.0	.00	.00	.00

MISSISSIPPI RIVER DELTA

294110091533000 VERMILION BAY AT CYPREMORT POINT, NEAR LOUISA, LA (CE 88850)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
07...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
07...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
16...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
28...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
11...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
25...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
11...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
24...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JUNE												
03...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.												
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
07...	.00	0	.00	--	--	--	1	1	0	0	<10	0
21...	.00	0	.00	--	--	--	1	1	0	0	<10	0
NOV.												
05...	.00	0	.00	--	--	--	1	1	0	0	<10	0
18...	.00	0	.00	--	--	--	1	1	1	0	<10	0
DEC.												
02...	.00	0	.00	--	--	--	1	1	2	0	<10	0
18...	.00	0	.00	--	--	--	2	1	3	0	30	0
JAN.												
07...	.00	0	.00	--	--	--	1	1	--	1	--	0
16...	.00	0	.00	--	--	--	1	1	0	0	10	0
28...	.00	0	.00	--	--	--	1	0	0	0	10	0
FEB.												
11...	.00	0	.00	--	--	--	1	1	0	0	<10	0
25...	.00	0	.00	--	--	--	1	1	6	0	<10	0
MAR.												
11...	.00	0	.00	--	--	--	3	1	0	0	10	0
24...	.00	0	.00	--	--	--	2	2	0	0	10	0
APR.												
06...	.00	0	.00	--	--	--	1	1	0	0	<10	0
21...	.00	0	.00	--	--	--	2	0	0	0	<10	0
MAY												
06...	.00	0	.00	--	--	--	2	1	0	0	30	0
19...	.00	0	.00	--	--	--	1	0	0	0	20	0
JUNE												
03...	.00	0	.00	--	--	--	1	1	1	0	10	0
AUG.												
20...	.00	0	.00	.00	.00	.01	2	1	0	0	20	0
SEP.												
10...	.00	0	.00	.00	.00	.00	2	2	0	0	<10	0

294110091533000 VERMILION BAY AT CYPREMORE POINT, NEAR LOUISA, LA (CE 88850)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDED MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
07...	--	--	3	0	.1	.0	.1	--	--	30	6
21...	--	--	6	0	.0	.0	.0	--	--	50	8
NOV.											
05...	--	--	0	0	.0	.0	.0	--	--	20	0
18...	--	--	2	0	.0	.0	.0	--	--	40	20
DEC.											
02...	--	--	0	0	.0	.0	.0	--	--	70	0
18...	--	--	7	0	.1	.0	.1	--	--	30	10
JAN.											
07...	--	3	--	0	.1	.1	.0	--	0	--	10
16...	9	--	2	0	.1	.0	.1	11	0	40	20
28...	2	2	3	0	.1	.0	.1	8	0	20	10
FEB.											
11...	2	1	0	0	.1	.0	.1	5	0	30	10
25...	4	3	0	0	.2	.0	.2	4	0	20	0
MAR.											
11...	7	2	6	0	.0	.0	.0	10	0	30	0
24...	8	2	6	0	.0	.0	.0	8	0	30	0
APR.											
06...	3	3	0	0	.0	.0	.0	0	0	10	10
21...	4	3	4	0	.1	.0	.1	21	0	20	0
MAY											
06...	4	3	0	0	.3	.0	.3	3	0	10	10
19...	3	--	0	0	.1	.0	.1	5	0	20	0
JUNE											
03...	9	5	12	0	.3	.1	.2	7	0	100	20
AUG.											
20...	3	3	1	0	.0	.0	.0	2	2	20	10
SEP.											
10...	2	2	7	0	.0	.0	.0	4	4	30	20

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3000	---	4100	---	---	2600	2200	1400		---	---	
2	3000	---	4000	3600	2600	2000	2200	1400		2500	---	
3	3000	3000	4000	---	2600	2500	---	1500		2600	---	
4	3400	3400	3900	---	2800	2400	---	1400		---	---	
5	---	3400	3900	3800	2900	2400	2300	1400		---	---	
6	3000	3200	---	3300	3100	---	2600	1400		---	2500	
7	3300	3300	---	3000	---	---	2200	1400		---	---	
8	3400	3400	4000	3100	---	2100	2100	1400		---	3600	
9	3500	---	3800	3100	2800	2100	---	1400		---	---	
10	4000	3700	3800	---	2900	3000	---	1400		---	---	
11	3400	3300	3900	---	2800	2600	---	1400		---	3800	
12	---	3100	3600	3000	3000	2600	---	1400		---	---	
13	3400	3400	---	3000	2800	---	---	1400		---	---	
14	3300	3400	---	3000	---	---	---	1400		---	---	
15	3200	3400	3300	3000	---	2500	---	---		2600	---	
16	3000	---	3500	3000	2400	---	---	---		2600	---	
17	3100	3300	---	---	2500	---	---	---		---	---	
18	3100	3200	3600	---	2300	---	---	---		---	---	
19	---	3500	3500	3000	2400	---	---	---		2600	---	
20	3100	3500	---	2800	2600	---	---	---		2600	---	
21	3300	3600	---	2900	---	---	---	---		2600	---	
22	3200	---	3500	2900	---	---	---	---		---	---	
23	3200	---	3500	2800	2400	---	---	---		---	---	
24	3200	3700	3600	---	2400	---	---	---		2500	---	
25	3300	3600	---	---	2700	2800	---	---		---	---	
26	3400	3300	---	1900	2600	2500	---	---		---	---	
27	3600	---	---	2500	2700	2400	---	---		---	---	
28	3600	4200	---	2600	---	2200	---	---		2600	---	
29	3700	4000	---	2600	---	1900	1300	---		---	---	
30	4900	---	3400	2700	---	1900	1400	---		---	---	
31	3800	---	4000	---	---	2300	---	---		---	---	

294700092114000 INTRACOASTAL WATERWAY AT VERMILION LOCK (EAST), NEAR INTRACOASTAL CITY, LA (CE 76720)

LOCATION.--Lat 29°47'00", long 92°11'40", T.14 S., R.3 E., Vermilion Parish, north bank at east end of lock, and 2.3 mi (3.7 km) west of Intracoastal City.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975-76.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 5,000 mg/L Sept. 24, 1976; minimum, 8.0 mg/L July 13, 14, 1975.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 5,000 mg/L, Sept. 24; minimum, 38 mg/L Oct. 19.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
07...	1538	10	14	18	50	0	34	260	.06	.01	.07	--
21...	1500	60	7.7	4.0	38	0	8.6	35	.01	.05	.06	--
NOV.												
05...	1412	--	--	--	40	0	--	--	.18	.01	.19	--
18...	1448	10	38	12	110	0	50	49	.00	.01	.01	--
DEC.												
02...	0910	40	58	11	66	0	220	1500	.43	.00	.43	--
18...	1654	50	47	77	65	0	150	1300	.16	.01	.17	--
JAN.												
07...	1603	40	34	53	58	0	100	800	.12	.01	.13	.49
16...	1337	100	24	30	50	0	65	450	.44	.05	.49	.74
28...	1216	10	20	23	34	0	51	340	.00	.00	.00	.89
FEB.												
11...	1737	30	17	17	42	0	37	240	.24	.08	.32	.69
25...	1600	10	16	18	40	0	44	270	.39	.05	.44	1.0
MAR.												
11...	1330	40	35	50	53	0	110	830	.29	.00	.29	.89
24...	1233	30	83	180	80	0	390	2700	.19	.01	.20	.88
APR.												
06...	1121	40	13	16	38	0	40	250	.47	.09	.56	1.4
21...	1248	10	60	110	78	0	250	1900	.04	.01	.05	.61
MAY												
06...	1536	10	69	120	79	0	230	1900	.04	.02	.06	.41
19...	1454	20	29	39	47	0	86	630	.46	.05	.51	.53
JUNE												
03...	1428	10	63	13	72	0	170	2100	.01	.01	.02	.81
AUG.												
20...	1600	10	57	130	62	0	250	1900	.08	.03	.11	.90
SEP.												
10...	1215	30	81	180	50	0	360	2800	.00	.01	.01	.78

294700092114000 INTRACOASTAL WATERWAY AT VERMILION LOCK (EAST), NEAR INTRACOASTAL CITY, LA (CE 76720)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDE D SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA, MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
07...	.14	92	--	110	68	1020	7.5	23.5	55	65	7.5	--
21...	.22	181	--	36	5	182	7.5	23.0	20	80	8.1	--
NOV.												
05...	.24	308	--	--	--	719	7.6	22.5	35	140	7.6	--
18...	1.9	11	--	140	50	396	7.7	16.5	25	20	8.6	--
DEC.												
02...	6.1	62	--	190	140	5540	7.5	12.0	25	40	9.7	--
18...	.09	183	--	430	380	3950	7.6	12.5	45	6	8.6	--
JAN.												
07...	.11	96	<1.0	300	250	2560	7.3	11.5	25	50	9.1	45
16...	1.3	540	--	180	140	1670	7.3	12.5	80	80	8.6	50
28...	.06	500	<1.0	140	110	1290	6.9	10.5	40	100	7.9	35
FEB.												
11...	.20	380	<1.0	110	78	986	7.7	15.5	35	210	7.7	15
25...	.16	274	<1.0	110	77	915	7.6	17.5	--	90	8.0	15
MAR.												
11...	.21	332	<1.0	290	250	2760	7.6	18.0	30	130	8.4	75
24...	.08	58	<1.0	950	880	8580	7.5	18.0	15	15	7.8	180
APR.												
06...	.33	31	<1.0	98	67	899	7.1	21.0	80	70	6.7	4
21...	.15	107	<1.0	600	540	5530	8.0	24.0	30	35	6.2	43
MAY												
06...	.11	197	<1.0	670	600	5840	8.1	24.0	25	70	6.5	90
19...	.14	121	<1.0	230	190	2140	7.6	25.5	20	130	7.1	38
JUNE												
03...	.05	1	<1.0	210	150	6410	7.9	26.5	25	15	6.8	93
AUG.												
20...	.09	52	<1.0	680	630	6450	7.6	--	15	30	8.6	30
SEP.												
10...	.05	27	<1.0	940	900	8870	7.5	--	20	15	8.3	53

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
07...	1.3	370	30	12	.00	0	1	.00	.0	.00	.00	.00
21...	3.7	580	75	15	.00	0	0	.00	.0	.00	.00	.00
NOV.												
05...	1.7	220	42	9.0	.00	1	0	.00	.0	.00	.00	.00
18...	1.7	80	10	9.4	.00	14	0	.00	.0	.00	.00	.00
DEC.												
02...	3.0	370	<5	8.6	.00	0	0	.00	.0	.00	.00	.00
18...	3.2	290	150	6.2	.00	0	0	.00	.0	.00	.00	.00
JAN.												
07...	2.4	930	230	10	.00	0	1	.00	.0	.00	.00	.00
16...	2.4	--	180	13	.00	0	0	.00	.0	.00	.00	.00
28...	1.0	1200	320	11	.00	0	0	.00	.0	.00	.00	.00
FEB.												
11...	--	1400	210	18	.01	4	0	.00	.0	.00	.00	.00
25...	2.5	91	71	16	.00	0	0	.00	.0	.00	.00	.00
MAR.												
11...	1.5	600	40	14	.00	0	0	.00	.0	.00	.00	.00
24...	.9	330	42	7.8	.00	1	0	.00	.0	.00	.00	.00
APR.												
06...	.8	630	<5	20	.00	1	0	.00	.0	.00	.00	.00
21...	--	200	25	4.5	.00	2	0	.00	.0	.00	.00	.00
MAY												
06...	1.8	2400	380	13	.00	1	0	.00	.0	.00	.00	.00
19...	1.4	1200	500	6.1	.00	0	0	.00	.0	.00	.00	.00
JUNE												
03...	3.4	4000	15	6.5	.00	1	0	.00	.0	.00	.00	.00
AUG.												
20...	--	4100	230	5.8	.00	0	0	.00	.0	.00	.00	.00
SEP.												
10...	3.0	500	88	6.9	.00	7	0	.00	.0	.00	.00	.00

294700092114000 INTRACOASTAL WATERWAY AT VERMILION LOCK (EAST), NEAR INTRACOASTAL CITY, LA (CE 76720)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
07...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.00	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
07...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
16...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
28...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
11...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
25...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
11...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
24...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JUNE												
03...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.												
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
07...	.00	0	.00	--	--	--	2	1	0	0	<10	0
21...	.00	0	.00	--	--	--	4	1	0	0	<10	0
NOV.												
05...	.00	0	.00	--	--	--	6	--	0	--	<10	--
18...	.00	0	.00	--	--	--	2	1	1	0	<10	0
DEC.												
02...	--	0	.00	--	--	--	2	1	1	0	<10	0
18...	.00	0	.00	--	--	--	2	1	0	0	30	0
JAN.												
07...	.00	0	.00	--	--	--	2	0	--	0	--	0
16...	.00	0	.00	--	--	--	5	0	0	0	20	0
28...	.00	0	.00	--	--	--	5	0	0	0	40	0
FEB.												
11...	.00	0	.00	--	--	--	6	1	0	0	10	0
25...	.00	0	.00	--	--	--	6	0	1	0	40	0
MAR.												
11...	.00	0	.00	--	--	--	2	1	0	0	<10	0
24...	.00	0	.00	--	--	--	2	2	0	0	10	0
APR.												
06...	.00	0	.00	--	--	--	12	1	0	0	20	0
21...	.00	0	.00	--	--	--	2	1	1	0	<10	0
MAY												
06...	.00	0	.00	--	--	--	2	1	0	0	30	0
19...	.00	0	.00	--	--	--	2	0	0	0	40	0
JUNE												
03...	.00	0	.00	--	--	--	1	1	3	0	10	0
AUG.												
20...	.00	0	.00	.00	.00	.00	2	1	0	0	30	0
SEP.												
10...	.00	0	.00	.25	.08	.00	2	1	0	0	20	0

294700092114000 INTRACOASTAL WATERWAY AT VERMILION LOCK (EAST), NEAR INTRACOASTAL CITY, LA (CE 76720)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDED MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
07...	--	--	6	0	.1	.0	.1	--	--	20	0
21...	--	--	7	0	.0	.0	.0	--	--	20	4
NOV.											
05...	--	--	12	--	.0	--	--	--	--	10	--
18...	--	--	3	0	.0	.0	.0	--	--	40	10
DEC.											
02...	--	--	4	0	.0	.0	.0	--	--	60	10
18...	--	--	9	0	.2	.1	.1	--	--	30	10
JAN.											
07...	--	6	--	0	.1	.0	.1	--	0	--	0
16...	11	5	16	7	.3	.0	.3	15	0	60	20
28...	10	3	14	0	.1	.0	.1	16	0	30	10
FEB.											
11...	10	1	16	0	.3	.3	.0	16	0	50	0
25...	10	4	17	0	.2	.0	.2	15	0	20	0
MAR.											
11...	5	5	7	0	.0	.0	.0	7	0	20	10
24...	5	5	4	0	.0	.0	.0	7	0	20	10
APR.											
06...	14	7	17	4	.0	.0	.0	8	0	60	0
21...	5	5	5	0	.0	.0	.0	8	2	20	0
MAY											
06...	7	6	7	0	.2	.0	.2	7	0	30	10
19...	6	4	10	0	.2	.1	.1	7	0	10	0
JUNE											
03...	7	4	18	0	.6	.1	.5	5	0	90	20
AUG.											
20...	4	4	5	1	.2	.0	.2	2	2	30	0
SEP.											
10...	1	1	7	2	.1	.0	.1	4	4	20	20

294705092115300 INTRACOASTAL WATERWAY AT VERMILION LOCK (WEST), NEAR INTRACOASTAL CITY, LA (CE 76800)

LOCATION.--Lat 29°47'05", long 92°11'53", T.14 S., R.3 E., Vermilion Parish, on north bank at west end of lock, and 2.5 mi (4.0 km) west of Intracoastal City.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975-76.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 5,100 mg/L Sept. 24, 1976; minimum, 3.0 mg/L July 15, 1975.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 5,100 mg/L Sept. 24; minimum, 27 mg/L Oct. 3.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
07...	1535	20	14	17	49	0	35	280	.04	.03	.07	--
21...	1459	60	7.5	4.1	37	0	8.9	35	.03	.04	.07	--
NOV.												
05...	1409	0	14	13	39	0	29	180	.12	.04	.16	--
18...	1445	30	29	37	40	0	79	560	.13	.00	.13	--
DEC.												
02...	0906	40	95	110	67	0	220	1600	.06	.00	.06	--
18...	1550	10	51	76	62	0	150	1200	.13	.01	.14	--
JAN.												
07...	1605	20	45	72	58	0	140	1000	.14	.01	.15	.45
16...	1335	60	24	31	48	0	69	450	.42	.05	.47	.68
28...	1215	110	19	21	36	0	48	310	.35	.05	.40	1.7
FEB.												
11...	1735	0	16	17	40	0	38	250	.23	.10	.33	.71
25...	1555	40	18	16	38	0	39	250	.45	.05	.50	1.3
MAR.												
11...	1325	50	35	50	52	0	110	820	.43	.01	.44	.90
24...	1228	30	83	180	79	0	390	2800	.24	.01	.25	.76
APR.												
06...	1218	40	13	15	40	0	38	230	.48	.10	.58	1.2
21...	1245	40	57	110	80	0	250	1800	.02	.01	.03	.68
MAY												
06...	1527	0	68	120	80	0	220	1900	.04	.02	.06	.61
19...	1452	40	29	39	48	0	83	620	.48	.06	.54	.53
JUNE												
03...	1424	30	41	65	64	0	130	1100	.30	.01	.31	1.2
AUG.												
20...	1545	40	53	99	68	0	190	1500	.25	.04	.29	1.2
SEP.												
10...	1200	60	77	160	47	0	330	2600	.00	.01	.01	.65

294705092115300 INTRACOASTAL WATERWAY AT VERMILION LOCK (WEST) NEAR INTRACOASTAL CITY, LA (CE 76800)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDED SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
07...	.21	123	--	110	70	997	7.6	23.5	60	70	7.6	--
21...	.36	170	--	36	6	183	7.5	23.0	45	75	7.8	--
NOV.												
05...	.14	197	--	88	56	718	7.5	22.5	35	130	7.7	--
18...	.79	130	--	220	190	1770	7.2	16.5	20	65	8.8	--
DEC.												
02...	.39	104	--	690	640	5590	7.5	12.5	20	55	9.8	--
18...	1.1	225	--	440	390	4140	7.6	13.0	15	70	8.9	--
JAN.												
07...	.16	154	<1.0	410	360	3430	7.5	12.0	10	70	9.2	62
16...	.21	554	<1.0	190	150	1670	7.3	12.5	80	85	8.7	120
28...	.21	430	<1.0	130	100	1170	7.2	11.0	10	100	7.9	35
FEB.												
11...	.31	388	<1.0	110	77	976	7.6	15.5	50	200	7.7	20
25...	.15	332	<1.0	110	79	918	7.5	17.5	--	90	8.1	20
MAR.												
11...	1.3	276	<1.0	290	250	2780	7.6	18.0	30	130	8.5	30
24...	.07	57	<1.0	950	890	8570	7.6	18.0	20	30	7.7	200
APR.												
06...	.15	518	<1.0	94	61	885	7.2	20.5	100	60	6.7	10
21...	.05	57	<1.0	600	530	5600	8.1	24.0	30	30	6.6	41
MAY												
06...	.18	125	<1.0	660	600	5820	8.1	24.1	25	60	6.7	66
19...	.21	127	<1.0	230	190	2150	7.6	25.5	30	130	7.3	64
JUNE												
03...	.06	86	<1.0	370	320	3620	7.5	26.5	25	50	6.9	39
AUG.												
20...	.08	100	<1.0	540	480	5200	7.7	--	40	45	7.3	30
SEP.												
10...	.04	37	<1.0	850	810	8230	7.7	--	20	15	8.1	49

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
07...	1.2	270	58	10	.00	0	1	.00	.0	.00	.00	.00
21...	1.9	1000	92	11	.00	0	0	.00	.0	.00	.00	.00
NOV.												
05...	1.5	380	50	9.4	.00	1	0	.00	.0	.00	.00	.00
18...	1.6	550	83	7.0	.00	3	0	.00	.0	.00	.00	.00
DEC.												
02...	1.6	500	150	8.6	.00	0	0	.00	.0	.00	.00	.00
18...	2.2	250	40	9.2	.00	2	0	.00	.0	.00	.00	.00
JAN.												
07...	1.7	450	30	9.4	.00	0	2	.00	.0	.00	.00	.00
16...	2.9	6700	160	13	.00	2	0	.00	.0	.00	.00	.00
28...	1.4	2500	1100	13	.00	1	0	.00	.0	.00	.00	.00
FEB.												
11...	.6	1200	260	37	.00	0	2	.00	.0	.00	.00	.00
25...	1.4	330	200	14	.00	0	0	.00	.0	.00	.00	.00
MAR.												
11...	1.4	200	53	6.6	.00	0	0	.00	.0	.00	.00	.00
24...	1.0	330	240	7.8	.00	2	0	.00	.0	.00	.00	.00
APR.												
06...	.8	530	450	17	.00	0	0	.00	.0	.00	.00	.00
21...	2.4	300	58	3.4	.00	0	0	.00	.0	.00	.00	.00
MAY												
06...	1.5	3800	380	12	.00	1	0	.00	.0	.00	.00	.00
19...	.7	2600	730	11	.00	4	0	.00	.0	.00	.00	.00
JUNE												
03...	5.1	2900	<5	6.3	.00	1	0	.00	.0	.00	.00	.00
AUG.												
20...	--	1300	160	6.6	.00	0	0	.00	.0	.00	.00	.00
SEP.												
10...	2.2	400	52	9.1	.00	7	0	--	--	--	--	--

294705092115300 INTRACOASTAL WATERWAY AT VERMILION LOCK (WEST) NEAR INTRACOASTAL CITY, LA (CE 76800)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
07...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
05...	.00	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.01	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
07...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
16...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
28...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
11...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
25...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
11...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
24...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JUNE												
03...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.												
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
10...	--	--	--	--	--	--	--	--	--	--	--	--

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
07...	.00	0	.00	--	--	--	2	1	0	0	<10	0
21...	.00	0	.00	--	--	--	4	1	0	0	<10	0
NOV.												
05...	.00	0	.00	--	--	--	5	1	0	0	<10	0
18...	.00	0	.00	--	--	--	3	1	1	0	20	0
DEC.												
02...	.00	0	.00	--	--	--	2	1	1	0	<10	0
18...	.00	0	.00	--	--	--	3	0	2	0	20	0
JAN.												
07...	.00	0	.00	--	--	--	2	0	--	1	--	0
16...	.00	0	.00	--	--	--	6	0	1	0	20	0
28...	.00	0	.00	--	--	--	6	1	0	0	20	0
FEB.												
11...	.00	0	.00	--	--	--	6	1	0	0	<10	0
25...	.00	0	.00	--	--	--	5	0	2	0	<10	0
MAR.												
11...	.00	0	.00	--	--	--	2	1	0	0	<10	0
24...	.00	0	.00	--	--	--	1	1	0	0	20	0
APR.												
06...	.00	0	.00	--	--	--	13	0	1	1	20	0
21...	.00	0	.00	--	--	--	1	0	0	0	<10	0
MAY												
06...	.00	0	.00	--	--	--	2	1	0	0	40	0
19...	.00	0	.00	--	--	--	2	0	0	0	20	0
JUNE												
03...	.00	0	.00	--	--	--	2	1	0	0	10	0
AUG.												
20...	.00	0	.00	.00	.00	.00	2	1	0	0	10	0
SEP.												
10...	--	--	--	.00	.01	.00	2	1	0	0	20	0

294705092115300 INTRACOASTAL WATERWAY AT VERMILION LOCK (WEST) NEAR INTRACOASTAL CITY, LA (CE 76800)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDED MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
07...	--	--	7	0	.1	.0	.1	--	--	40	0
21...	--	--	5	0	.0	.0	.0	--	--	30	0
NOV.											
05...	--	--	5	0	.0	.0	.0	--	--	20	4
18...	--	--	5	0	.1	.1	.0	--	--	30	20
DEC.											
02...	--	--	3	0	.0	.0	.0	--	--	40	10
18...	--	--	9	0	.2	.1	.1	--	--	30	10
JAN.											
07...	--	3	--	0	.0	.0	.0	--	0	--	20
16...	12	6	9	0	.0	.0	.0	18	0	40	20
28...	12	6	20	0	.0	.0	.0	18	0	50	0
FEB.											
11...	9	8	14	0	.2	.2	.0	17	0	40	10
25...	11	10	17	0	.3	.0	.3	17	0	40	0
MAR.											
11...	6	6	8	0	.0	.0	.0	8	0	30	10
24...	4	2	6	0	.0	.0	.0	7	0	30	10
APR.											
06...	13	7	16	0	.0	.0	.0	20	0	70	0
21...	4	4	0	0	.1	.0	.1	1	0	10	0
MAY											
06...	4	4	8	0	.2	.0	.2	6	0	10	0
19...	6	3	0	0	.0	.0	.0	6	0	30	0
JUNE											
03...	20	11	14	0	.4	.0	.4	8	0	90	30
AUG.											
20...	7	--	8	2	.3	.0	.3	--	20	40	40
SEP.											
10...	14	14	8	0	.1	.0	.1	4	2	40	30

293316092182000 FRESHWATER CANAL ABOVE FRESHWATER BAYOU LOCK (NORTH), NEAR FORKED ISLAND, LA (CE 76591)

LOCATION.--Lat 29°33'16", long 92°18'20", T.16 S., R.2 E., Vermilion Parish, on north side of lock, 18.9 mi (30.4 km) south of Forked Island.

DRAINAGE AREA.--Indeterminate.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 16,000 mg/L Aug. 10, 11, 1976; minimum, 280 mg/L May 15, 1975.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 16,000 mg/L Aug. 10, 11; minimum, 870 mg/L Feb. 6.

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8700	5100	---	9300	8700	7200	7800	5700	11000	8200	12000	9700
2	8400	4900	7400	7500	12000	5900	8800	7500	9100	7800	13000	9200
3	7400	5200	6900	6300	10000	6700	8800	7200	9900	7500	13000	9300
4	7700	6200	6900	9100	14000	5500	7500	11000	12000	7600	13000	9500
5	6800	6800	6900	12000	1400	5100	6400	13000	11000	7400	14000	9800
6	7700	4800	7000	8900	870	4000	6800	9400	7600	7900	12000	11000
7	7800	5300	6200	7200	5700	6400	6600	9500	6600	7300	11000	12000
8	8200	6400	12000	5900	11000	4300	6700	7600	7700	5600	12000	10000
9	8200	5600	12000	5900	8100	4100	7000	9400	5300	5100	14000	11000
10	6900	4400	12000	6200	6900	4300	7600	6300	5900	5500	16000	10000
11	7700	6800	11000	6700	7300	5000	6700	5400	6400	5100	16000	12000
12	7000	4800	9000	5500	6700	5300	6300	6000	6600	5600	13000	13000
13	7900	4500	8400	5600	7500	5100	5900	6100	6400	5100	10000	12000
14	5700	6700	6900	5300	6000	5100	5800	6300	6200	8100	13000	10000
15	6000	6500	5800	5200	5800	4800	5800	4400	6200	8500	14000	9700
16	6400	7500	5400	5600	5400	3900	5400	6900	5600	7900	9400	8900
17	8300	6400	11000	5600	5400	7000	5500	9400	5300	9500	12000	8400
18	6400	7400	11000	9200	4900	7000	4800	10000	5200	12000	13000	9600
19	9300	7600	6000	9800	5000	5800	3600	9600	5200	9900	12000	9100
20	8000	5400	8100	7900	7200	5100	3200	11000	5200	9200	9900	8500
21	7900	5900	9800	7800	5700	4800	3200	8800	12000	9100	9100	9600
22	6900	12000	1500	5000	4300	4600	5600	8200	8200	8100	9600	9000
23	7000	8600	12000	8300	6900	4500	7300	7200	7000	8400	9400	9000
24	7200	9500	11000	6700	4300	4300	4700	6200	6400	8300	10000	9000
25	5400	10000	10000	6900	7200	---	4800	8700	6200	11000	10000	8800
26	6100	9200	9800	5600	2200	4100	5500	12000	6000	12000	11000	9400
27	6500	8200	11000	5600	7000	3600	8800	9800	5800	12000	13000	8800
28	5500	8200	9000	8200	7000	4100	6200	10000	5400	12000	11000	8400
29	4900	7200	7200	11000	7800	4300	5500	11000	5200	12000	11000	9000
30	4800	7800	7100	11000	---	4100	5100	9200	7400	11000	11000	8900
31	5100	---	6200	11000	---	---	---	11000	---	12000	9900	---

294625092244000 WHITE LAKE IN NORTHEAST CORNER, NEAR LITTLE PRAIRIE RIDGE, NEAR FORKED ISLAND, LA (CE 96123)

LOCATION.--Lat 29°46'25", long 92°24'40", R.1 E., T.15 E., Vermilion Parish, 7.2 mi (11.6 km) southwest of Forked Island.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974-76.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
07...	1529	10	8.1	5.8	39	0	14	59	.02	.03	.05	--
21...	1446	20	9.2	9.0	41	0	22	120	.04	.03	.07	--
NOV.												
05...	1400	0	9.3	8.0	41	0	19	98	.12	.04	.16	--
18...	1436	20	16	13	40	0	29	170	.07	.04	.11	--
DEC.												
02...	0858	30	21	15	39	0	42	260	.07	.03	.10	--
18...	1543	30	24	26	42	0	59	370	.16	.00	.16	--
JAN.												
06...	1510	10	18	25	44	0	56	380	.06	.01	.07	.45
16...	1324	10	19	27	44	0	62	390	.04	.01	.05	.15
28...	1203	10	21	30	42	0	66	440	.29	.05	.34	.65
FEB.												
11...	1726	0	22	35	44	0	76	500	.00	.01	.01	.18
25...	1543	0	23	34	40	0	73	500	.02	.01	.03	.39
MAR.												
11...	1313	60	24	33	42	0	72	540	.16	.00	.16	.58
24...	1218	30	70	190	58	0	400	2900	.36	.01	.37	.85
APR.												
06...	1211	20	27	38	40	0	94	660	.00	.01	.01	.44
21...	1235	0	36	62	54	0	130	1000	.06	.01	.07	.94
MAY												
06...	1520	0	31	46	42	0	100	730	.02	.02	.04	.37
19...	1448	0	28	41	37	0	94	670	.06	.00	.06	.44
JUNE												
03...	1419	10	26	37	37	0	82	600	.00	.01	.01	.81
AUG.												
20...	1525	10	30	39	40	0	93	600	.00	.00	.00	1.1
SEP.												
10...	1145	40	31	38	56	0	91	610	.00	.01	.01	.95

294625092244000 WHITE LAKE IN NORTHEAST CORNER, NEAR LITTLE PRAIRIE RIDGE, NEAR FORKED ISLAND, LA (CE 96123)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDE SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA, MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
07...	.91	19	--	44	12	290	7.6	24.0	65	55	8.0	--
21...	.39	23	--	60	26	499	7.6	23.0	100	45	8.4	--
NOV.												
05...	.23	65	--	56	22	409	7.7	23.5	15	120	7.9	--
18...	.13	179	--	93	60	698	7.2	16.0	60	120	9.4	--
DEC.												
02...	.21	188	--	110	82	1050	7.5	10.0	50	75	10.0	--
18...	.36	222	--	170	140	1460	7.3	7.0	30	70	11.2	--
JAN.												
06...	.21	189	<1.0	150	110	1490	7.5	10.7	50	80	9.6	20
16...	.10	424	2.2	160	120	1430	7.3	13.0	80	70	10.0	26
28...	.19	144	<1.0	180	150	1620	7.4	9.0	75	70	9.0	--
FEB.												
11...	.12	238	<1.0	200	160	1940	7.7	16.0	20	35	9.0	20
25...	.19	49	<1.0	200	170	1820	7.6	17.0	40	50	9.6	20
MAR.												
11...	.96	188	<1.0	200	160	1870	7.3	17.5	40	65	9.7	40
24...	.24	43	<1.0	960	910	8820	7.7	18.0	15	40	9.0	95
APR.												
06...	.05	19	<1.0	220	190	2050	7.6	19.5	5	25	9.1	38
21...	.05	91	<1.0	350	310	3180	8.1	24.0	30	55	7.8	30
MAY												
06...	.07	64	<1.0	270	230	2510	7.7	24.5	15	45	7.9	45
19...	.20	16	<1.0	240	210	2180	7.6	24.5	5	20	8.9	51
JUNE												
03...	.03	33	<1.0	220	190	2060	7.6	27.0	20	30	7.8	36
AUG.												
20...	.03	30	<1.0	240	200	2250	7.6	--	15	15	8.9	19
SEP.												
10...	.05	27	<1.0	230	180	2230	7.6	--	20	15	7.6	18

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDT (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
07...	1.4	310	<5	7.0	.00	0	2	.00	.0	.00	.00	.00
21...	4.8	10	8	7.0	.00	0	0	.00	.0	.00	.00	.00
NOV.												
05...	1.5	150	27	9.8	.00	1	0	.00	.0	.00	.00	.00
18...	1.6	83	27	3.8	.00	9	0	.00	.0	.00	.00	.00
DEC.												
02...	2.3	630	430	8.4	.00	4	0	.00	.0	.00	.00	.00
18...	4.4	390	450	12	.00	3	0	.00	.0	.00	.00	.00
JAN.												
06...	2.1	250	43	11	.00	2	3	.00	.0	.00	.00	.00
16...	3.1	400	12	13	.00	5	0	.00	.0	.00	.00	.00
28...	1.7	<5	<5	8.0	.00	0	1	.00	.0	.00	.00	.00
FEB.												
11...	.6	--	--	6.4	.00	0	0	--	--	--	--	--
25...	2.1	<5	<5	9.2	.00	2	0	.00	.0	.00	.00	.00
MAR.												
11...	2.4	400	160	3.0	.00	0	0	.00	.0	.00	.00	.00
24...	.8	75	<5	15	.00	2	0	.00	.0	.00	.00	.00
APR.												
06...	1.1	<5	<5	6.2	.00	1	3	.00	.0	.00	.00	.00
21...	2.9	83	24	5.0	.00	3	0	.00	.0	.00	.00	.00
MAY												
06...	1.1	33	<5	8.8	.00	1	0	.00	.0	.00	.00	.00
19...	1.2	<20	<10	6.5	.00	4	0	.00	.0	.00	.00	.00
JUNE												
03...	4.2	<5	<5	5.3	.00	0	0	.00	.0	.00	.00	.00
AUG.												
20...	--	100	5	3.4	.00	0	0	.00	.0	.00	.00	.00
SEP.												
10...	1.6	40	8	6.2	.00	6	1	.00	.0	.00	.00	.00

294625092244000 WHITE LAKE IN NORTHEAST CORNER, NEAR LITTLE PRAIRIE RIDGE, NEAR FORKED ISLAND, LA (CE 96123)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
07...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
06...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
16...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
28...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
11...	--	--	--	--	--	--	--	--	--	--	--	--
25...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
11...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
24...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JUNE												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.												
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
07...	.00	0	.00	--	--	--	2	1	0	0	<10	0
21...	.00	0	.00	--	--	--	2	0	0	0	<10	0
NOV.												
05...	.00	0	.00	--	--	--	3	0	0	--	<10	0
18...	.00	0	.00	--	--	--	3	0	0	0	20	0
DEC.												
02...	.00	0	.00	--	--	--	3	1	4	0	<10	0
18...	.00	0	.00	--	--	--	3	0	1	0	20	0
JAN.												
06...	.00	0	.00	--	--	--	3	1	--	0	--	0
16...	.00	0	.00	--	--	--	4	0	--	0	--	0
28...	.00	0	.00	--	--	--	2	0	0	0	10	0
FEB.												
11...	--	--	--	--	--	--	1	0	0	0	<10	0
25...	.00	0	.00	--	--	--	2	0	0	0	10	0
MAR.												
11...	.00	0	.00	--	--	--	2	1	1	1	20	0
24...	.00	0	.00	--	--	--	1	1	--	0	--	0
APR.												
06...	.00	0	.00	--	--	--	1	0	1	1	10	0
21...	.00	0	.00	--	--	--	0	0	1	0	<10	0
MAY												
06...	.00	0	.00	--	--	--	1	1	0	0	20	0
19...	.00	0	.00	--	--	--	0	0	0	0	10	0
JUNE												
03...	.00	0	.00	--	--	--	1	1	3	0	10	0
AUG.												
20...	.00	0	.00	.00	.00	.00	1	1	0	0	10	0
SEP.												
10...	.00	0	.00	.00	.00	.00	1	0	0	0	10	0

294625092244000 WHITE LAKE IN NORTHEAST CORNER NEAR LITTLE PRAIRIE RIDGE, NEAR FORKED ISLAND, LA (CE 96123)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDED MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
07...	--	--	4	0	.1	.0	.1	--	--	30	0
21...	--	--	5	0	.0	.0	.0	--	--	30	20
NOV.											
05...	--	--	6	--	.0	--	--	--	--	10	2
18...	--	--	5	0	.0	.0	.0	--	--	40	20
DEC.											
02...	--	--	6	0	.0	.0	.0	--	--	40	20
18...	--	--	9	0	.2	.1	.1	--	--	30	10
JAN.											
06...	--	5	--	0	.2	.0	.2	--	0	--	10
16...	--	0	--	0	.0	.0	.0	--	0	--	0
28...	3	3	3	0	.1	.0	.1	5	0	20	10
FEB.											
11...	1	1	0	0	.2	.0	.2	4	0	20	0
25...	10	10	6	0	.1	.1	.0	6	0	0	0
MAR.											
11...	4	2	7	0	.0	.0	.0	4	0	20	0
24...	--	3	--	0	.0	.0	.0	--	0	--	0
APR.											
06...	3	3	3	3	.0	.0	.0	3	0	20	10
21...	4	4	7	0	.0	.0	.0	7	0	10	0
MAY											
06...	4	4	4	0	.1	.0	.1	6	0	20	0
19...	2	2	4	0	.1	.0	.1	0	0	20	0
JUNE											
03...	6	6	12	0	.5	.2	.3	4	0	90	20
AUG.											
20...	4	4	4	2	.1	.0	.1	3	3	30	0
SEP.											
10...	4	4	4	0	.0	.0	.0	4	1	100	40

08011000 BAYOU PLAQUEMINE BRULE NEAR CROWLEY, LA

LOCATION.--Lat 30°14'09", long 92°23'44", in NW¼SW¼ sec.29, T.9 S., R.1 E., Louisiana meridian, Acadia Parish, at bridge on State Highway 100, 1.0 mi (1.6 km) downstream from bridge on State Highway 13, 1.5 mi (2.4 km) upstream from Missouri Pacific Railroad Co. bridge, and 1.8 mi (2.9 km) northwest of Crowley.

DRAINAGE AREA.--252 mi² (652.7 km²).

PERIOD OF RECORD.--October 1942 to September 1947. October 1965 to February 1975 (annual maximum gage height), and March 1975 to current year (gage height only).

GAGE.--Water-stage recorder. Datum of gage is 1.11 ft (0.338 m) below mean sea level. October 1942 to September 1947 nonrecording gage at same site at datum 1.06 ft (0.323 m) lower, Oct. 1, 1965, to Mar. 1, 1975, flood-profile gage at present site and datum.

REMARKS.--Large diversions below station for irrigation by pumping affect stage-discharge relation. Records include waste water from rice fields above station that were irrigated from ground-water supplies.

AVERAGE DISCHARGE.--5 years (1942-47), 545 ft³/s (15.43 m³/s).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,400 ft³/s (351 m³/s) July 7, 1946; maximum gage height, 21.90 ft (6.690 m) July 8, 1946, present datum; no flow at times in most years.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.86 ft (3.615 m) Mar. 27; minimum, 1.76 ft (0.536 m) Dec. 18.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.54	2.35	2.38	2.37	2.37	2.32	4.08	2.17	2.38	3.04	2.53	2.18
2	2.38	2.50	2.50	2.37	2.37	2.37	3.70	2.15	2.38	3.41	2.45	2.14
3	2.38	2.61	2.53	2.37	2.37	2.37	3.42	2.11	2.26	3.33	2.53	2.22
4	2.38	2.55	2.57	2.37	2.37	2.37	3.24	1.95	2.32	3.73	2.39	2.19
5	2.38	2.52	2.54	2.37	2.37	2.37	3.01	2.27	2.31	3.18	2.38	2.45
6	2.38	2.55	2.54	2.37	2.37	2.16	2.87	2.25	2.86	2.85	2.41	2.31
7	2.38	2.60	2.45	2.37	2.37	2.01	2.79	2.65	2.90	2.84	2.43	2.24
8	2.38	2.62	2.54	2.19	2.37	2.27	2.71	5.49	2.48	2.80	2.26	2.30
9	2.39	2.62	2.51	2.25	2.37	2.37	2.47	5.59	2.44	2.83	2.27	2.27
10	2.43	2.54	2.38	2.37	2.37	2.27	2.44	3.11	2.37	2.93	2.22	2.03
11	2.41	2.48	2.37	2.37	2.37	2.25	2.55	5.79	2.38	2.86	2.27	2.09
12	2.40	2.49	2.37	2.37	2.37	2.37	2.45	6.78	2.40	2.76	2.17	2.18
13	2.38	2.38	2.37	2.37	2.37	2.02	2.48	5.38	2.38	2.69	2.19	2.12
14	2.40	2.38	2.37	2.37	2.37	1.97	2.53	4.09	2.31	2.73	2.26	2.24
15	2.42	2.38	2.37	2.29	2.37	2.37	2.54	3.60	2.34	2.67	2.24	2.21
16	2.67	2.35	2.24	2.35	2.37	2.37	3.00	3.24	2.31	2.56	2.46	2.14
17	2.63	2.38	2.23	2.19	2.37	2.37	2.94	3.05	2.45	2.57	2.40	2.19
18	2.50	2.38	1.87	2.13	2.37	2.37	2.94	2.68	3.12	2.62	2.29	2.20
19	2.55	2.38	2.16	2.25	2.37	2.37	2.82	2.51	2.45	2.66	2.34	2.22
20	2.45	2.38	2.24	2.37	2.37	2.37	2.07	2.52	2.62	2.59	2.34	2.28
21	2.42	2.38	2.05	2.20	2.37	2.37	2.54	2.43	2.44	2.55	2.29	2.29
22	2.41	2.35	2.21	2.08	2.37	2.37	2.38	2.37	2.49	2.60	2.26	2.14
23	2.56	2.35	2.17	2.35	2.28	2.45	2.40	2.44	2.53	2.69	2.22	2.24
24	2.59	2.38	2.17	2.31	2.24	2.46	2.55	2.36	2.56	2.59	2.17	2.26
25	---	2.38	2.37	2.37	2.35	7.65	2.48	2.20	2.47	2.61	2.14	2.21
26	---	2.38	2.37	2.05	2.23	10.81	2.10	2.40	2.43	2.63	2.15	2.25
27	---	3.35	2.37	2.01	2.21	11.44	2.26	2.48	2.46	2.68	2.26	2.26
28	---	2.75	2.37	2.37	2.22	11.14	2.38	2.23	2.34	2.71	2.21	2.32
29	---	2.58	2.37	2.37	2.21	8.68	2.28	2.17	2.31	2.68	2.22	2.87
30	2.38	2.65	2.37	2.37	---	5.56	2.16	2.31	2.36	2.64	2.23	2.58
31	2.38	---	2.37	2.37	---	4.76	---	2.31	---	2.62	2.14	---
MEAN	---	2.51	2.35	2.30	2.34	3.74	2.71	3.07	2.46	2.80	2.29	2.25
MAX	---	3.35	2.54	2.37	2.37	11.44	4.08	6.78	3.12	3.73	2.53	2.87
MIN	---	2.35	1.87	2.01	2.21	1.97	2.10	1.95	2.26	2.55	2.14	2.03

08012295 BAYOU QUEUE DE TORTUE SOUTHWEST OF LYONS POINT, LA.

LOCATION.--Lat 30°03'08", long 92°25'26", in SW¼SW¼ lot 39, T.11 S., R.1 W., Acadia-Vermilion Parish line, on right bank at pumping plant, 0.8 mi (1.3 km) downstream from Coulee des Isles, 3.8 mi (6.1 km) southwest of Lyons Point, and 8.9 mi (14.3 km) northwest of Kaplan.

DRAINAGE AREA.--158 mi² (409 km²).

PERIOD OF RECORD.--March to September 1976 (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 9.89 ft (3.014 m) below mean sea level (levels by Louisiana Department Public Works).

EXTREMES.--Maximum gage height during period, 16.71 ft (5.093 m) Mar. 27; minimum, not determined.

GAGE HEIGHT, IN FEET, MARCH TO SEPTEMBER 1976
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							14.55	13.52		---	14.16	13.53
2							14.23	13.48		---	14.09	13.36
3							14.05	13.42		---	14.24	13.20
4							13.92	13.27		---	14.35	13.08
5							13.83	13.28		---	14.35	13.06
6							13.85	13.32		---	14.29	13.06
7							13.85	13.33		---	14.22	13.04
8							13.84	13.84		---	14.16	12.99
9							13.79	14.07		---	14.07	12.93
10							13.72	14.08		---	13.97	12.83
11							13.75	14.30		---	13.87	12.66
12							13.75	14.44		---	13.75	12.63
13							13.72	14.34		---	13.70	12.55
14							13.74	14.36		---	13.67	12.46
15							13.79	14.25		---	13.62	12.40
16							13.75	14.08		---	14.49	12.31
17							13.69	13.94		---	14.78	---
18							13.65	13.77		---	14.71	---
19							13.58	13.67		---	14.46	---
20							13.45	13.58		---	14.21	---
21							13.37	13.50		---	13.99	---
22							13.31	13.40		14.50	13.81	---
23							13.30	13.37		14.49	13.65	---
24							13.35	13.45		14.47	13.47	---
25						14.15	13.58	---		14.50	13.31	---
26						16.07	13.62	---		14.57	13.17	---
27						16.67	13.62	---		14.57	13.08	---
28						16.59	13.53	---		14.55	13.20	12.27
29						16.11	13.50	---		14.45	13.30	12.82
30						15.48	13.54	---		14.34	13.55	13.45
31						14.96	---	---		14.24	13.60	---
MFAN						---	13.71	---		---	13.91	---
MAX						---	14.55	---		---	14.78	---
MIN						---	13.30	---		---	13.08	---

294530092360000 GRAND LAKE NORTHEAST OF CATFISH POINT CONTROL STRUCTURE, NEAR GRAND CHENIERE, LA (CE 96128)

LOCATION.--Lat 29°45'30", long 92°36'00", T.13 S., R.4 W., Cameron Parish, 7.7 mi (12.4 km) northeast of Grand Cheniere.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974-76.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
07...	1510	40	7.0	6.8	36	0	13	76	.01	.01	.02	--
21...	1429	--	39	82	44	0	180	1200	.01	.00	.01	--
NOV.												
05...	1341	10	43	110	48	0	240	1700	.01	.00	.01	--
18...	1414	10	77	150	46	0	300	2200	.02	.01	.03	--
DEC.												
02...	0835	60	150	44	84	0	840	6300	.02	.01	.03	--
19...	1225	10	60	140	52	0	260	1900	.04	.01	.05	--
JAN.												
06...	1445	20	41	88	44	0	180	1300	.05	.00	.05	.31
16...	1305	10	33	72	41	0	150	1000	.16	.01	.17	1.3
28...	1144	20	34	70	44	0	140	1000	.10	.01	.11	.95
FEB.												
11...	1705	50	18	27	40	0	60	410	.42	.03	.45	.43
25...	1521	30	16	21	33	0	50	320	.47	.04	.51	.79
MAR.												
11...	1246	40	21	35	37	0	75	580	.61	.01	.62	.80
24...	1158	90	210	640	116	0	1400	10000	.44	.01	.45	.56
APR.												
06...	1150	40	12	13	30	0	33	210	.48	.07	.55	1.1
21...	1215	0	42	98	49	0	220	1600	.33	.01	.34	.62
MAY												
06...	1453	20	94	240	72	0	480	3700	.04	.01	.05	.43
19...	1425	40	15	18	29	0	45	280	.36	.08	.44	.33
JUNE												
03...	1402	0	96	27	66	0	530	4500	.10	.01	.11	.70
AUG.												
20...	1500	50	13	21	40	0	49	300	.00	.02	.02	.57
SEP.												
10...	1100	40	26	45	49	0	96	670	.00	.01	.01	.77

294530092360000 GRAND LAKE NORTHEAST OF CATFISH POINT CONTROL STRUCTURE, NEAR GRAND CHENIERE, LA (CE 96128)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDE D SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA, MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
07...	.26	28	--	45	15	354	7.6	24.0	65	45	8.2	--
21...	.19	16	--	440	400	4380	7.7	22.0	10	5	8.3	--
NOV.												
05...	.08	21	--	560	520	5770	7.7	21.5	40	9	8.6	--
18...	.06	43	--	810	770	7260	7.2	16.5	10	25	9.4	--
DEC.												
02...	4.1	18	--	560	490	18000	7.6	12.5	20	6	10.0	--
19...	.05	34	--	730	690	6360	7.3	8.5	10	20	10.2	--
JAN.												
06...	.10	117	<1.0	460	420	4420	7.4	9.0	20	60	10.0	50
16...	.06	58	<1.0	380	350	3430	7.3	11.5	15	30	10.2	84
28...	.13	176	<1.0	370	340	3580	7.4	8.5	20	60	8.9	30
FEB.												
11...	.16	116	<1.0	160	130	1500	7.6	15.5	150	60	8.9	20
25...	.16	33	<1.0	130	100	1230	7.6	16.5	--	70	8.7	20
MAR.												
11...	.21	232	<1.0	200	170	2020	7.2	17.0	55	130	9.4	40
24...	.14	51	<1.0	3200	3100	26300	7.9	18.5	5	10	8.0	260
APR.												
06...	.35	37	<1.0	84	59	840	7.4	19.5	80	90	8.4	22
21...	.08	59	<1.0	510	470	4850	7.9	22.5	25	35	7.8	43
MAY												
06...	.05	17	<1.0	1200	1200	10900	8.3	24.0	20	8	9.2	160
19...	.17	78	<1.0	110	88	1130	7.5	22.5	20	150	8.4	33
JUNE												
03...	.06	36	<1.0	350	300	1290	7.6	26.5	20	15	7.1	130
AUG.												
20...	.05	35	<1.0	120	86	1280	7.7	--	30	35	9.4	21
SEP.												
10...	.06	49	<1.0	250	210	2330	7.7	--	20	25	7.5	24

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
07...	1.5	<5	<5	9.0	.00	0	4	.00	.0	.00	.00	.00
21...	2.3	17	8	7.2	.00	0	0	.00	.0	.00	.00	.00
NOV.												
05...	1.8	17	8	5.2	.00	0	0	.00	.0	.00	.00	.00
18...	2.8	140	20	8.0	.00	4	0	.00	.0	.00	.00	.00
DEC.												
02...	7.6	130	20	5.6	.00	0	0	.00	.0	.00	.00	.00
19...	2.8	10	4	7.2	.00	0	2	.00	.0	.00	.00	.00
JAN.												
06...	2.8	50	37	9.0	.00	1	0	.00	.0	.00	.00	.00
16...	2.5	<5	<5	7.6	.00	1	0	.00	.0	.00	.00	.00
28...	2.0	10	8	10	.00	1	0	.00	.0	.00	.00	.00
FEB.												
11...	--	10	7	8.8	.00	0	0	.00	.0	.00	.00	.00
25...	1.4	10	8	14	.00	0	0	.00	.0	.00	.00	.00
MAR.												
11...	1.9	300	20	5.2	.00	0	0	.00	.0	.00	.00	.00
24...	1.0	12	<5	3.6	.00	3	0	.00	.0	.00	.00	.00
APR.												
06...	1.2	60	<5	12	.00	0	0	.00	.0	.00	.00	.00
21...	3.2	50	12	4.8	.00	0	0	.00	.0	.00	.00	.00
MAY												
06...	3.4	200	80	7.4	.00	1	0	.00	.0	.00	.00	.00
19...	1.1	40	30	7.8	.00	2	0	.00	.0	.00	.00	.00
JUNE												
03...	3.0	<5	<5	5.1	.00	0	0	.00	.0	.00	.00	.00
AUG.												
20...	--	160	<5	5.0	.00	0	0	--	--	--	--	--
SEP.												
10...	1.6	200	<5	8.0	.00	7	0	.00	.0	.00	.00	.00

294530092360000 GRAND LAKE NORTHEAST OF CATFISH POINT CONTROL STRUCTURE, NEAR GRAND CHENIERE, LA (CE 96128)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
07...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
06...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
16...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
28...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
11...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
25...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
11...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
24...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JUNE												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.												
20...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
07...	.00	0	.00	--	--	--	2	1	0	0	<10	0
21...	.00	0	.00	--	--	--	1	1	0	0	<10	0
NOV.												
05...	.00	0	.00	--	--	--	1	1	0	0	<10	0
18...	.00	0	.00	--	--	--	1	1	2	1	<10	0
DEC.												
02...	.00	0	.00	--	--	--	1	1	0	0	20	0
19...	.00	0	.00	--	--	--	1	0	--	0	--	0
JAN.												
06...	.00	0	.00	--	--	--	2	1	--	0	--	0
16...	.00	0	.00	--	--	--	1	0	1	0	30	0
28...	.00	0	.00	--	--	--	2	0	0	0	<10	0
FEB.												
11...	.00	0	.00	--	--	--	2	0	--	0	--	0
25...	.00	0	.00	--	--	--	3	1	0	0	<10	0
MAR.												
11...	.00	0	.00	--	--	--	3	1	1	0	10	0
24...	.00	0	.00	--	--	--	2	2	0	0	20	0
APR.												
06...	.00	0	.00	--	--	--	5	0	0	0	10	0
21...	.00	0	.00	--	--	--	1	1	1	0	10	0
MAY												
06...	.00	0	.00	--	--	--	1	0	0	0	10	0
19...	.00	0	.00	--	--	--	3	0	0	0	20	0
JUNE												
03...	.00	0	.00	--	--	--	2	1	0	0	10	0
AUG.												
20...	--	--	--	.00	.00	.00	2	1	0	0	10	0
SEP.												
10...	.00	0	.00	.00	.00	.00	2	1	0	0	20	0

29453009236000 GRAND LAKE NORTHEAST OF CATFISH POINT CONTROL STRUCTURE, NEAR GRAND CHENIERE, LA (CE 96128)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDE MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
07...	--	--	4	0	.1	.0	.1	--	--	20	0
21...	--	--	8	0	.0	.0	.0	--	--	30	0
NOV.											
05...	--	--	0	0	.0	.0	.0	--	--	10	0
18...	--	--	2	0	.0	.0	.0	--	--	10	5
DEC.											
02...	--	--	0	0	.0	.0	.0	--	--	40	10
19...	--	--	--	0	.0	.0	.0	--	--	--	0
JAN.											
06...	--	6	--	0	.1	.0	.1	--	0	--	20
16...	2	0	0	0	.0	.0	.0	0	0	20	0
28...	4	2	7	0	.1	.0	.1	7	0	20	10
FEB.											
11...	--	4	--	0	.0	.0	.0	--	0	--	0
25...	4	2	0	0	.0	.0	.0	7	0	40	10
MAR.											
11...	4	4	7	0	.0	.0	.0	2	0	20	0
24...	2	2	0	0	.0	.0	.0	4	0	20	0
APR.											
06...	7	7	7	0	.0	.0	.0	11	0	20	0
21...	4	4	4	0	.0	.0	.0	4	2	20	0
MAY											
06...	3	3	0	0	.1	.0	.1	0	0	10	0
19...	6	3	8	0	.1	.0	.1	5	0	30	0
JUNE											
03...	7	3	4	0	.2	.0	.2	15	0	80	10
AUG.											
20...	5	5	3	0	.3	.3	.0	3	2	20	0
SEP.											
10...	3	3	6	0	.3	.2	.1	5	1	30	10

08012470 BAYOU LACASSINE NEAR LAKE ARTHUR, LA

LOCATION.--Lat 30°04'12", long 92°52'43", in SE¼SE¼ sec. 21, T.11 S., R.5 W., Jefferson Davis Parish, at bridge on State Highway 14, 12.9 mi (21 km) west of Lake Arthur, and 16.8 mi (27 km) upstream from Intracoastal Waterway.

DRAINAGE AREA.--299 mi² (774 km²).

PERIOD OF RECORD.--Annual peaks, water years 1969-74, October 1974 to current year (gage height only).

GAGE.--Water-stage recorder. Datum of gage is 7.00 ft (2.134 m) below mean sea level (levels by Louisiana Department of Highways); prior to Oct. 1, 1974, nonrecording gage at same site and datum 0.85 ft (0.259 m) higher.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 11.90 ft (3.627 m) Sept. 16, 1971, present datum; minimum, 7.55 ft (2.301 m), occurred during period Feb. 21 to Mar. 30, 1976 (from recorded range in stage).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.64 ft (2.938 m) occurred during period Feb. 8 to Mar. 29 (from recorded range in stage); minimum, 7.55 ft (2.301 m), occurred during period Feb. 21 to Mar. 30 (from recorded range in stage).

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.41	8.31	8.32	8.77	8.10	---	9.08	7.94	8.11	---	---	8.06
2	8.19	8.44	8.42	8.82	8.34	---	8.97	7.85	8.22	---	---	8.02
3	8.11	8.52	8.38	8.50	8.37	---	8.91	7.94	8.13	---	---	8.04
4	8.14	8.42	8.45	8.45	8.37	---	8.82	7.93	8.09	---	---	8.06
5	8.15	8.38	8.51	8.48	8.41	---	8.68	8.08	8.09	---	---	8.12
6	8.20	8.43	8.42	8.59	8.37	---	8.58	8.13	8.19	---	---	8.10
7	8.23	8.42	8.36	8.59	8.31	---	8.54	7.95	8.25	---	---	8.12
8	8.25	8.46	8.33	7.97	8.50	---	8.44	8.13	8.22	---	---	8.14
9	8.26	8.51	8.20	8.22	8.54	---	8.32	8.26	8.20	---	---	8.14
10	8.26	8.37	8.18	8.40	8.55	---	8.38	8.41	8.20	---	---	8.01
11	8.27	8.35	8.25	8.39	8.45	---	8.41	8.47	8.21	---	---	8.03
12	8.26	8.23	8.27	8.27	8.34	---	8.37	8.62	8.22	---	---	8.07
13	8.27	7.86	8.29	8.34	8.35	---	8.39	8.76	8.22	---	---	8.10
14	8.33	7.84	8.32	8.13	8.35	---	8.40	8.77	8.21	---	---	8.10
15	8.36	8.06	8.25	8.14	8.42	---	8.47	8.73	8.23	---	---	8.04
16	8.50	8.13	8.02	8.20	8.55	---	8.65	8.66	8.16	---	---	7.99
17	8.39	8.14	8.03	7.95	8.48	---	8.88	8.54	8.24	---	---	8.05
18	8.24	8.09	7.71	8.15	8.49	---	8.82	8.39	8.34	---	---	8.06
19	8.33	8.20	7.92	8.25	8.17	---	8.58	8.35	8.25	---	---	8.08
20	8.31	8.07	8.04	8.23	8.25	---	8.52	8.37	8.36	---	---	8.10
21	8.31	7.81	7.89	8.00	---	---	8.26	8.34	8.39	---	---	8.12
22	8.35	7.92	8.00	7.98	---	---	8.22	8.18	8.34	---	---	8.04
23	8.50	7.92	8.00	8.07	---	---	8.31	8.25	8.38	---	---	8.12
24	8.47	8.01	8.03	8.10	---	---	8.37	8.05	8.39	---	8.03	8.07
25	8.52	7.95	8.18	8.22	---	---	8.20	8.10	8.30	---	8.02	8.06
26	8.27	8.40	8.11	8.01	---	---	8.07	8.16	8.27	---	7.97	8.13
27	8.31	8.31	8.26	7.97	---	---	8.19	8.24	8.23	---	8.07	8.12
28	8.33	8.41	8.35	8.16	---	---	8.15	7.97	8.17	---	8.01	8.22
29	8.30	8.50	8.59	8.16	---	---	8.17	8.02	8.17	---	8.03	8.37
30	8.15	8.56	8.52	8.19	---	---	7.94	8.10	8.12	---	8.07	8.35
31	8.21	---	8.65	8.24	---	9.13	---	8.22	---	---	8.07	---
MEAN	8.30	8.23	8.23	8.26	---	---	8.47	8.26	8.23	---	---	8.10
MAX	8.52	8.56	8.65	8.82	---	---	9.08	8.77	8.39	---	---	8.37
MIN	8.11	7.81	7.71	7.95	---	---	7.94	7.85	8.09	---	---	7.99

295600093053000 INTRACOASTAL WATERWAY (MILE 220.0) AT GIBBSTOWN, LA (CE 76873)

LOCATION.--Lat 29°56'00", long 93°05'30", T.13 S., R.6 W., Cameron Parish, at Gibbstown.

DRAINAGE AREA.--Indeterminate.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 1,000 mg/L June 21, 1976; minimum, 14 mg/L Jan. 14, 1975.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 1,000 mg/L June 21; minimum, 26 mg/L Apr. 1, 2.

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	85	85	580	220	300	260	26	210	170	700	120	110
2	80	90	560	260	300	150	26	210	180	700	85	110
3	80	79	540	230	---	170	64	200	220	480	90	110
4	70	98	530	300	---	160	66	200	180	280	88	96
5	85	92	250	300	---	210	85	200	200	260	97	130
6	75	96	370	280	---	230	82	190	180	230	90	130
7	80	96	530	340	320	250	110	190	180	240	92	96
8	85	95	560	350	330	260	110	190	170	270	88	97
9	80	94	570	330	270	290	100	200	190	260	87	98
10	70	110	480	270	190	280	100	180	190	220	95	110
11	85	97	230	260	250	270	100	150	190	200	93	110
12	---	99	220	300	260	260	100	150	180	200	90	140
13	85	100	150	340	230	260	99	130	160	220	100	140
14	110	100	170	370	220	190	120	130	160	180	87	110
15	95	110	230	330	140	290	68	82	110	190	96	160
16	90	96	420	360	150	290	95	78	140	150	92	260
17	90	91	410	300	94	300	93	74	200	150	91	250
18	100	100	400	320	110	240	170	84	270	160	93	220
19	95	110	390	280	220	210	160	42	560	180	96	170
20	80	110	390	280	210	230	180	48	960	180	98	170
21	70	110	390	250	290	240	180	50	1000	240	100	240
22	85	110	380	320	320	250	180	52	950	190	100	290
23	100	110	350	320	300	260	170	160	650	190	100	290
24	95	120	300	310	260	230	180	170	450	280	110	330
25	90	110	310	310	260	220	190	80	550	280	120	330
26	90	120	410	310	240	160	190	65	600	200	100	320
27	90	130	380	310	160	160	180	170	700	140	110	450
28	85	120	310	310	200	54	190	180	700	140	---	290
29	100	120	270	310	200	47	190	160	750	120	100	300
30	100	120	350	300	---	38	190	66	750	120	98	280
31	100	---	340	300	---	40	---	76	---	100	96	---

CALCASIEU RIVER BASIN

08015900 CALCASIEU RIVER AT LAKE CHARLES, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°17'59", long 93°11'18", in NW 1/4 sec.9, T.9 S., R.8 W., Calcasieu Parish, at bridge on U.S. Highway 171, 5.1 mi (8.2 km) north of Lake Charles Post Office.

DRAINAGE AREA.--2,310 mi² (5,280 km²).

PERIOD OF RECORD.--Water years 1969, 1975-76.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1974 to current year.

WATER TEMPERATURES: October 1974 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 15,400 micromhos Oct. 25, 28, 1974; minimum, 32 micromhos Aug. 10, 1975.

WATER TEMPERATURES: Maximum, 33.0°C Aug. 21, 1975, Aug. 26, 1976; minimum, 10.0°C Jan. 13, 14, 1975, Jan. 18, 1976.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 5,080 micromhos Oct. 16; minimum, 34 micromhos May 21, 24.

WATER TEMPERATURES: Maximum, 33.0°C Aug. 26; minimum, 10.0°C Jan. 18.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED SILICA (SiO ₂) (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- SIUM (K) (MG/L)	BICAR- BONATE (HCO ₃) (MG/L)	CAR- BONATE (CO ₃) (MG/L)	ALKA- LINITY AS CACO ₃ (MG/L)	DIS- SOLVED SULFATE (SO ₄) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)
OCT. 16...	1620	19	35	86	750	32	33	0	27	180	1400	--
NOV. 13...	1250	13	3.0	.9	9.0	1.8	18	0	15	4.5	13	.1
DEC. 10...	1605	12	7.9	11	110	5.5	12	0	10	30	190	.0
JAN. 14...	0800	13	8.2	15	130	5.8	16	0	13	35	220	.2
FEB. 12...	1600	12	2.6	1.3	8.8	1.6	16	0	13	5.6	13	.1
MAR. 11...	0815	15	4.0	2.5	21	2.0	19	0	16	7.0	32	.3
APR. 06...	1640	5.8	2.3	.9	6.2	1.2	10	0	8	3.8	8.0	.1
MAY 19...	1630	7.4	2.2	1.1	4.0	1.4	11	0	9	3.5	5.2	.0
JUNE 16...	1530	9.4	4.4	1.8	4.5	1.2	22	0	18	3.7	4.9	.1
JULY 21...	1410	13	2.7	.8	9.1	1.5	19	0	16	4.3	10	.3
AUG. 05...	1500	14	4.3	1.1	10	1.4	21	0	17	4.0	11	.2
SEP. 01...	1730	20	11	23	200	8.5	25	0	21	48	360	.2

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL AMMONIA NITRO- GEN (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	PERCENT SODIUM
OCT. 16...	.07	.02	.09	.14	.46	.05	2560	2320	440	410	77
NOV. 13...	.05	.01	.06	.06	.90	.15	64	54	11	0	59
DEC. 10...	.07	.01	.08	.07	.57	.07	388	372	65	55	77
JAN. 14...	.08	.01	.09	.06	.50	.06	456	435	82	69	76
FEB. 12...	.09	.01	.10	.05	.59	.07	67	53	12	0	58
MAR. 11...	.07	.02	.09	.08	.55	.08	98	93	20	5	67
APR. 06...	.08	.01	.09	.06	.67	.05	39	34	9	1	55
MAY 19...	--	--	.06	--	.61	.07	49	29	10	1	42
JUNE 16...	--	--	.02	--	1.2	.08	36	41	18	0	33
JULY 21...	--	--	.06	--	.36	.07	56	51	10	0	62
AUG. 05...	--	--	.02	--	.39	.07	65	56	15	0	56
SEP. 01...	--	--	.01	--	.49	.08	694	683	120	100	77

08015900 CALCASIEU RIVER AT LAKE CHARLES, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	SODIUM AD- SORP- TION RATIO	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	TOTAL PHYTO- PLANK- TON (CELLS PER ML)	FECAL COLI- FORM (COL. PER 100 ML)	STREP- TOCOCCI (COL- ONIES PER 100 ML)
OCT. 16...	16	4440	7.2	23.5	30	10	1.9	3.3	30	560	1100
NOV. 13...	1.2	74	6.7	20.0	65	35	1.6	5.7	300	50	240
DEC. 10...	5.9	742	7.0	14.0	50	25	2.1	1.9	190	160	30
JAN. 14...	6.2	829	6.8	9.5	40	25	2.1	4.1	37	40	210
FEB. 12...	1.1	78	6.3	14.5	50	35	1.6	13	180	86	100
MAR. 11...	2.0	159	6.4	16.5	90	30	.4	12	130	100	1300
APR. 06...	.9	55	6.3	19.0	60	30	1.1	8.0	310	100	190
MAY 19...	.5	39	6.5	23.0	60	20	1.1	5.6	620	--	280
JUNE 16...	.5	62	6.8	28.5	45	30	3.5	5.6	3100	360	13000
JULY 21...	1.3	75	7.0	28.5	40	20	2.2	3.0	210	--	310
AUG. 05...	1.1	82	6.8	31.5	10	15	2.3	5.3	1500	4300	600
SEP. 01...	7.9	134	6.9	30.0	60	10	3.1	5.0	5200	150	270

DATE	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDU (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)
OCT. 16...	--	--	--	--	--	--	--	--	--	--	--	--
JAN. 14...	.00	.0	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00
MAR. 11...	--	--	--	--	--	--	--	--	--	--	--	--
APR. 06...	--	--	--	--	--	--	--	--	--	--	--	--

DATE	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)
OCT. 16...	--	--	--	--	--	--	--	--	--	--	--
JAN. 14...	.00	.00	.00	.00	.0	.00	0	.00	.00	.00	.00
MAR. 11...	--	--	--	--	--	--	--	--	--	--	--
APR. 06...	--	--	--	--	--	--	--	--	--	--	--

DATE	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	TOTAL COBALT (CO) (UG/L)	DIS- SOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL IRON (FE) (UG/L)
OCT. 16...	1	0	0	0	<10	0	0	0	2	2	730
JAN. 14...	--	--	--	--	--	--	--	--	--	--	--
MAR. 11...	--	--	--	0	--	--	--	0	--	6	--
APR. 06...	1	1	1	0	20	0	0	0	7	7	1400

CALCASIEU RIVER BASIN

08015900 CALCASIEU RIVER AT LAKE CHARLES, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS- SOLVED IRON (FE) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MAN- GANESE (MN) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL SELE- NIUM (SE) (UG/L)	DIS- SOLVED SELE- NIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT. 16...	100	6	0	410	370	.0	.0	0	0	30	30
JAN. 14...	--	--	--	--	--	--	--	--	--	--	--
MAR. 11...	80	--	0	--	100	--	--	--	0	--	20
APR. 06...	250	4	0	90	40	.1	.1	0	0	60	60

08015900 CALCASIEU RIVER AT LAKE CHARLES, LA--Continued

OCT. 16, 1975
1620 HOURS

IDENTIFICATION OF PHYTOPLANKTON

30 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHRYSTOPHYTA			
.BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
DCYCLOTELLA		6	20
DMELOSIRA		6	20
..PENNALES	PENNATE		
...GOMPHONEMACEAE			
DGOMPHONEMA		6	20
...NAVICULACEAE	NAVICULOID		
DNAVICULA		6	20
...NITZSCHACEAE			
DNITZSCHIA		6	20

NOV. 13, 1975
1250 HOURS

IDENTIFICATION OF PHYTOPLANKTON

300 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
.CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
....ANKISTRODESMUS		9	3
...SCENEDESMACEAE			
....SCENEDESMUS		38	13
CHRYSTOPHYTA			
.BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
....CYCLOTELLA		9	3
..PENNALES	PENNATE		
...ACHNANTHACEAE			
....ACHNANTHES		9	3
...FRAGILARIACEAE			
....FRAGILARIA		19	6
...GOMPHONEMACEAE			
....GOMPHONEMA		9	3
...NAVICULACEAE	NAVICULOID		
DNAVICULA		110	38
....NEIDIUM		9	3
LSTAUROISEIS			0
...NITZSCHACEAE			
DNITZSCHIA		85	28
EUGLENOPHYTA	EUGLENIDS		
.EUGLENOPHYCEAE			
..EUGLENALES			
...EUGLENACEAE			
LTRACHELOMONAS			0

CALCASIEU RIVER BASIN

08015900 CALCASIEU RIVER AT LAKE CHARLES, LA--Continued

DEC. 10, 1975
1605 HOURS

IDENTIFICATION OF PHYTOPLANKTON

190 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCEAE			
LCYCLOTELLA			0
..PENNALES	PENNATE		
...FUNOTIACEAE			
LEUNOTIA			0
...FRAGILARIACEAE			
DFRAGILARIA		68	36
...SYNEDRA		14	7
...NAVICULACEAE	NAVICULOID		
...FRUSTULIA		14	7
...NAVICULA		14	7
...NITZSCHIA			
DNITZSCHIA		32	43

JAN. 14, 1976
0800 HOURS

IDENTIFICATION OF PHYTOPLANKTON

37 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..ZYGNEMATALES			
...DESMIDIACEAE	PLACODERM DESMIDS		
LSTAUSTRUM			0
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..PENNALES	PENNATE		
...NAVICULACEAE	NAVICULOID		
DNAVICULA		6	17
...NITZSCHIA			
DNITZSCHIA		31	83

FER. 12, 1976
1600 HOURS

IDENTIFICATION OF PHYTOPLANKTON

180 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
DANKISTRIDESMUS		42	24
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..PENNALES	PENNATE		
...ACHNANTHACEAE			
...ACHNANTHES		17	10
...CYMBELLACEAE			
LEPITHEMIA			0
...GOMPHONEMACEAE			
LGOMPHONEMA			0
...NAVICULACEAE	NAVICULOID		
DNAVICULA		76	43
LSTAURONEIS			0
...NITZSCHIA			
DNITZSCHIA		42	24
EUGLENOPHYTA	EUGLENOIDS		
..EUGLENOPHYCEAE			
..EUGLENALES			
...EUGLENACEAE			
LEUGLENA			0

08015900 CALCASIEU RIVER NEAR LAKE CHARLES, LA--Continued

MAR. 11, 1976

0815 HOURS

IDENTIFICATION OF PHYTOPLANKTON

130 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
....ANKISTRODESMUS		8	6
....SCENEDESMACEAE			
LACTINASTRUM			0
....SCENEDESMUS		15	12
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..PENNILES	PENNATE		
...GOMPHONEMACEAE			
LGOMPHONEMA			0
...NAVICULACEAE	NAVICULOID		
DNAVICULA		39	29
....PINNULARIA		8	6
....NITZSCHACEAE			
DNITZSCHIA		54	41
EUGLENOPHYTA	EUGLENIDS		
..EUGLENOPHYCEAE			
..EUGLENALFES			
...EUGLENACEAE			
....EUGLENA		8	6

APR. 6, 1976

1640 HOURS

IDENTIFICATION OF PHYTOPLANKTON

310 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
....ANKISTRODESMUS		20	6
....SCENEDESMACEAE			
....SCENEDESMUS		39	13
....TETRASTRUM		15	5
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
...CYCLOTELLA		15	5
...MELOSIRA		35	11
..PENNILES	PENNATE		
...ACHNANTHACEAE			
....ACHNANTHES		5	2
...CYMBELLACEAE			
....CYMBELLA		10	3
...NAVICULACEAE	NAVICULOID		
....NAVICULA		44	14
....NITZSCHACEAE			
....NITZSCHIA		30	10
...SURIPELLACEAE			
....SURIPELLA		5	2
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..CHROOCOCCALES	COCCOID		
...CHROOCOCCACEAE			
....ANACYSTIS		39	13
...OSCILLATORIALES	FILAMENTOUS		
....OSCILLATORIA		54	17

CALCASIEU RIVER BASIN

08015900 CALCASIEU RIVER AT LAKE CHARLES, LA--Continued

MAY 19, 1975
1630 HOURS

IDENTIFICATION OF PHYTOPLANKTON

620 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...OCCYSTACEAE			
....WESTELLA		49	8
...SCENEDESMACEAE			
....ACTINASTRUM		97	16
...SCENEDESMUS		49	8
...VOLVOCALES			
...CHLAMYDOMONADACEAE			
...CHLAMYDOMONAS		12	2
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
....MELOSIRA		220	35
...PENNALES	PENNATE		
...ACHNANTHACEAE			
...ACHNANTHES		12	2
...FRAGILARIACEAE			
....SYNEDRA		12	2
...NAVICULACEAE	NAVICULOID		
...NAVICULA		24	4
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..CHROOCOCCALES	COCCOID		
...CHROOCOCCACEAE			
....ANACYSTIS		150	24

JUNE 16, 1976
1530 HOURS

IDENTIFICATION OF PHYTOPLANKTON

3+100 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
..CHLOROCOCCALES			
...MICRACTINIACEAE			
....MICRACTINIUM		70	2
...OCCYSTACEAE			
....ANKISTRODESMUS		17	1
...DICTYOSPHAERIUM			0
....KIRCHNERIELLA		35	1
...SCENEDESMACEAE			
....ACTINASTRUM		210	7
...SCENEDESMUS		280	9
...VOLVOCALES			
...CHLAMYDOMONADACEAE			
...CHLAMYDOMONAS		17	1
...VOLVOCACEAE			
....EUDORINA		560	18
....GONIUM		280	9
....PANDORINA		140	5
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINODISCACEAE			
....CYCLOTELLA		17	1
....MELOSIRA		140	5
...PENNALES	PENNATE		
...ACHNANTHACEAE			
...ACHNANTHES		17	1
...GOMPHONEMACEAE			
....GOMPHONEMA		17	1
...NAVICULACEAE	NAVICULOID		
...NAVICULA		100	3
...STAURONEIS		17	1
...NITZSCHACEAE			
....HANTZSCHIA		17	1
....NITZSCHIA		100	3

CALCASIEU RIVER BASIN

393

08015900 CALCASIEU RIVER AT LAKE CHARLES, LA--Continued

JULY 21, 1976
1410 HOURS

IDENTIFICATION OF PHYTOPLANKTON

210 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER_CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
...CHLOROCOCCALES			
....MICRACTINIACEAE			
.....GOLENKINIA		6	3
....NOCYSTACEAE			
....ANKISTRODESMUS		11	5
....CHLORELLA		6	3
....SCENEDESMACEAE			
(1)SCENEDESMUS		110	53
....TETRASTRUM		22	11
CHRYSOPHYTA			
..CHRYSOPHYCEAE	YELLOW-BROWN ALGAE		
...CHRYSONOMADALES			
...CHROMULINACEAE			
...CHRYSOCOCCLUS		6	3
EUGLENOPHYTA	EUGLENIDS		
..EUGLENOPHYCEAE			
...EUGLENALES			
...EUGLENACEAE			
(1)TRACHELOMONAS		33	16
PYRRHOPHYTA			
..DINOPHYCEAE	DINOFLAGELLATES		
...PERIDINIALES			
....GLENODINIACEAE			
....GLENODINIUM		6	3
....PERIDINIACEAE			
....PERIDINIUM		11	5

CALCASIEU RIVER BASIN

08015900 CALCASIEU RIVER AT LAKE CHARLES, LA--Continued

AUG. 5, 1976
1500 HOURS

IDENTIFICATION OF PHYTOPLANKTON

1,500 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
...CHLOROCOCCALES			
...CHARACIACEAE			
....SCHROEDERIA		10	1
...OCCYSTACEAE			
....ANKISTRODES MUS		150	10
....DICTYOSPHAERIUM		83	6
....SELENASTRUM		10	1
....TETRAEDRON		10	1
...SCENEDESMACEAE			
....CRUCIGENIA		210	14
...SCENEDESMUS		100	7
..VOLVOCALES			
...VOLVOCAEAE			
D ..EUDORINA		290	20
....PANDORINA		170	11
CHRYSOPHYTA			
..BACILLARIOPHYCEAE	Diatoms		
..CENTRALES	CENTRIC		
...COSCINODISCAEAE			
....MELUSIRA		62	4
..PENNALES	PENNATE		
...FRAGILARIACEAE			
....SYNEDRA		10	1
...NAVICULACEAE	NAVICULOID		
....NAVICULA		10	1
...NITZSCHIAEAE			
....NITZSCHIA		52	4
..CHRYSOPHYCEAE	YELLOW-BROWN ALGAE		
...CHRYSOMONADALES			
...MALLUMONADACEAE			
....MALLUMONAS		10	1
..XANTHOPHYCEAE	YELLOW-GREEN ALGAE		
...HETEROCOCCALES			
...CHLOROTHECIACEAE			
....OPHIOCYTUM		42	3
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
...CHROOCOCCALES	COCCOID		
...CHROOCOCCACEAE			
....ANACYSTIS		62	4
...OSCILLATORIALES	FILAMENTOUS		
...NOSTOCACEAE			
....ANABAENA		150	10
EUGLENOPHYTA	EUGLENOIDS		
..EUGLENOPHYCEAE			
...EUGLENALES			
...EUGLENACEAE			
....TRACHELOMONAS		21	1
PYRROPHYTA			
..DINOPHYCEAE	DINOFLAGELLATES		
...PERIDINIALES			
...PERIDINIAEAE			
....PERIDINIUM		10	1

08015900 CALCASIEU RIVER AT LAKE CHARLES, LA--Continued

SEP. 1, 1976

1730 HOURS

IDENTIFICATION OF PHYTOPLANKTON

5,200 CELLS/ML

ORGANISM NAME	COMMON NAME	CELLS/ML	PER CENT
CHLOROPHYTA	GREEN ALGAE		
..CHLOROPHYCEAE			
...CHLOROCOCCALES			
...HYDRODICTYACEAE			
...PEDIASTRUM		100	2
...OCCYSTACEAE			
...ANKISTRODESMUS		100	2
...OCCYSTIS		100	2
...TETRAEDRON		26	1
...SCENEDESMACEAE			
...CRUCIGENIA		100	2
...SCENEDESMUS		470	9
..VOLVOCALES			
...CHLAMYDOMONADACEAE			
...CHLAMYDOMONAS		26	1
...VOLVOCAEAE			
L ...FUDDHINA			0
...GONIUM		410	8
...PANDORINA		410	8
D ...PLATYDORINA		1,500	29
CHRYSTOPHYTA			
..BACILLARIOPHYCEAE	DIATOMS		
..CENTRALES	CENTRIC		
...COSCINOIDISCEAE			
...CYCLOTELLA		160	3
...MELUSIRA		390	8
..PENNIALES	PENNATE		
...NAVICULACEAE	NAVICULOID		
...NAVICULA		26	1
...NITZSCHIAEAE			
...NITZSCHIA		130	3
..CHRYSTOPHYCEAE	YELLOW-BROWN ALGAE		
..CHRYSUMONADALES			
...MALLOMONADACEAE			
...MALLOMONAS		26	1
CYANOPHYTA	BLUE-GREEN ALGAE		
..MYXOPHYCEAE			
..CHROOCOCCALES	COCCOID		
...CHROOCOCCACEAE			
D ...AGMENELLUM		830	16
...ANACYSTIS		52	1
EUGLENOPHYTA	EUGLENOIDS		
..EUGLENOPHYCEAE			
...EUGLENALES			
...EUGLENACEAE			
...TRACHELOMONAS		26	1
PHYRHOPHYTA			
..DINOPHYCEAE	DINOFLAGELLATES		
...PERIDINIALES			
...PERIDINIACEAE			
...PERIDINIUM		290	6

NOTE: D - DOMINANT ORGANISM; GREATER OR EQUAL TO 15%

L - LESS THAN 1%; MAY NOT HAVE BEEN ACTUALLY COUNTED

ANALYSIS METHOD: SEDGWICK-RAFFER CHAMBER, 200-X MICROSCOPE

CALCASIEU RIVER BASIN

08015900 CALCASIEU RIVER AT LAKE CHARLES, LA--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	60	67	136	151	50	114	48	102	52	61	109	134
2	64	82	147	73	54	68	47	102	52	80	79	131
3	359	81	---	79	72	65	45	101	64	81	79	110
4	357	65	946	66	66	66	48	125	66	74	90	104
5	357	63	953	66	65	71	40	126	46	75	83	104
6	4500	485	---	92	65	168	39	127	46	61	83	147
7	4500	480	---	156	65	---	39	127	48	69	81	144
8	4520	---	368	111	63	121	39	130	44	65	83	117
9	4660	59	616	112	62	253	48	129	43	64	80	121
10	4680	61	1290	507	63	185	46	64	54	64	84	261
11	4560	57	1180	507	67	158	46	64	55	64	83	436
12	4560	---	---	1460	63	219	49	81	55	67	81	435
13	4110	---	1270	1460	174	186	49	72	55	65	78	478
14	4670	213	---	1460	263	182	48	54	55	62	84	474
15	5050	897	2010	1800	308	64	49	54	54	61	91	518
16	5080	904	1070	1820	358	69	53	54	54	62	79	518
17	1780	2430	2940	1830	358	71	151	52	54	67	77	668
18	419	187	2930	1830	358	52	151	47	54	67	83	727
19	419	4040	2670	1530	---	50	151	36	55	79	88	724
20	441	1180	2210	1130	1180	48	110	35	54	83	99	1600
21	343	1180	2020	1410	451	50	97	34	54	75	121	1630
22	586	1180	1320	1420	448	54	97	38	57	73	99	1780
23	580	1170	664	2500	155	64	75	37	59	67	99	1780
24	1200	1270	664	2370	212	72	75	34	64	67	98	2440
25	1390	---	667	2370	260	66	75	38	79	70	106	1840
26	1380	1290	482	2100	262	55	81	39	71	68	107	1830
27	763	1860	482	594	192	60	78	37	72	66	98	2800
28	515	345	485	112	297	69	78	43	65	67	88	2690
29	60	---	128	111	296	77	78	47	65	67	97	2500
30	55	---	161	45	---	134	94	51	61	71	159	2500
31	38	---	148	51	---	48	---	52	---	92	146	---

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.0	22.0	16.0	13.0	14.5	17.0	19.0	23.5	27.5	32.0	31.0	29.5
2	23.0	22.0	16.0	15.0	14.5	18.0	18.5	23.0	22.0	28.0	29.0	29.0
3	22.0	22.0	---	11.0	15.0	18.0	19.0	28.0	24.0	28.0	28.0	29.0
4	23.0	21.0	16.0	11.0	15.0	18.0	19.0	25.0	24.0	29.0	30.0	29.0
5	24.0	22.0	17.0	11.0	15.0	19.0	19.0	25.0	23.0	29.0	30.0	29.0
6	24.0	16.0	---	12.0	16.0	16.0	19.0	24.0	24.0	26.0	29.0	29.0
7	23.0	17.0	---	12.0	14.0	---	18.0	21.0	24.0	26.0	29.5	29.0
8	20.0	---	15.0	12.0	18.0	17.0	18.0	22.0	25.0	26.0	30.0	30.0
9	25.0	23.0	15.0	12.0	17.0	17.5	19.5	22.0	26.0	26.0	30.0	30.0
10	25.0	21.0	17.0	12.5	18.0	17.0	19.0	22.0	26.0	26.0	29.0	28.0
11	25.0	25.0	17.0	13.0	17.5	16.0	19.0	21.0	26.0	26.0	30.0	28.0
12	25.0	---	---	13.0	17.0	17.0	19.5	21.0	27.0	28.0	30.0	28.0
13	24.0	---	18.0	13.0	19.5	16.0	20.0	22.0	27.5	27.0	31.0	26.0
14	20.5	19.0	---	14.0	19.5	17.0	21.5	23.0	27.0	27.0	31.5	28.0
15	24.0	19.0	20.0	13.0	19.5	16.0	21.0	24.0	27.5	27.0	31.5	28.0
16	24.0	20.0	17.0	10.0	19.0	14.0	20.5	24.0	27.0	27.5	30.0	28.0
17	24.0	18.0	17.0	14.0	20.0	15.0	21.0	25.0	27.0	25.0	31.0	29.0
18	24.0	21.0	16.0	10.0	21.0	15.0	21.5	24.5	27.5	26.0	29.0	29.0
19	23.0	19.0	15.0	15.0	---	15.0	22.0	23.5	28.0	28.0	30.0	29.0
20	23.0	19.0	16.0	15.0	23.0	16.0	21.5	23.0	28.5	28.0	32.0	26.5
21	22.0	18.0	16.0	15.5	18.0	16.0	24.0	21.5	28.5	27.5	29.0	27.0
22	22.0	18.0	---	14.0	19.0	17.0	24.0	21.5	26.5	27.0	29.0	28.0
23	22.5	19.0	17.0	15.0	18.5	17.0	23.0	21.5	27.0	28.0	32.0	28.0
24	22.0	17.0	15.0	15.0	18.0	17.0	23.0	22.0	27.0	28.0	30.5	28.0
25	20.0	---	14.0	15.0	17.0	16.5	23.0	22.0	32.0	28.0	32.0	28.0
26	21.0	16.0	12.0	14.5	17.5	17.0	25.0	23.0	29.0	32.0	33.0	28.0
27	23.0	15.0	13.0	15.5	18.0	17.0	23.5	23.0	29.0	30.0	32.0	28.0
28	25.0	16.0	13.0	15.0	17.0	17.5	24.5	26.0	30.0	29.0	29.5	26.0
29	22.0	---	13.0	14.5	17.0	18.0	25.0	26.0	30.0	27.0	30.5	27.0
30	22.0	---	12.0	15.0	---	18.0	23.0	25.0	29.5	31.0	29.0	27.0
31	21.0	---	13.0	14.0	---	14.5	---	23.0	---	31.0	30.0	---

08016800 BEAR HEAD CREEK NEAR STARKS, LA

LOCATION.--Lat 30°19'59", long 93°37'44", in sec.30, T.8 S., R.21 W., Calcasieu Parish, near right bank on downstream side of bridge on State Highway 12, 2.4 mi (3.9 km) northeast of Starks, and 3.5 mi (5.6 km) downstream from Green Island Marsh Creek.

DRAINAGE AREA.--177 mi² (458 km²).

PERIOD OF RECORD.--Annual maximums, water years 1954-56. March 1956 to current year.

REVISED RECORDS.--WSP 2122: 1958(M).

GAGE.--Water-stage recorder. Datum of gage is 16.34 ft (4.980 m) above mean sea level (Louisiana Geodetic Survey bench mark). Oct. 13, 1953, to Mar. 8, 1956, nonrecording gage at site 100 ft (30 m) downstream at same datum.

REMARKS.--Records good. Records of water temperatures for water year 1976 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--20 years, 234 ft³/s (6.626 m³/s), 17.95 in/yr (456 mm/yr), 169,500 acre-ft/yr (209 hm³/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,200 ft³/s (317 m³/s) Oct. 28, 1970, gage height, 17.63 ft (5.374 m); no flow at times most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5,540 ft³/s (157 m³/s) Mar. 26, gage height, 16.19 ft (4.935 m); minimum, 0.11 ft³/s (0.003 m³/s) Aug. 28, gage height, 7.16 ft (2.182 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.2	889	157	517	156	19	1560	8.1	209	99	24	12
2	3.6	463	114	379	109	16	1400	7.1	719	118	12	10
3	3.1	191	116	282	97	15	1090	5.5	850	103	7.4	8.5
4	2.8	106	131	253	82	14	796	4.5	641	120	4.8	5.5
5	2.6	180	100	262	66	14	532	4.1	447	185	3.2	3.4
6	2.4	286	65	227	69	15	238	3.7	322	222	2.5	2.4
7	2.2	226	52	173	97	16	84	6.3	157	126	2.6	1.6
8	2.1	119	51	128	91	38	50	24	42	78	2.3	1.1
9	2.0	56	50	107	83	123	38	65	20	85	9.7	.76
10	1.9	37	38	103	61	183	29	90	13	176	11	.60
11	1.8	27	30	91	47	198	23	175	9.7	295	6.5	.45
12	1.7	21	24	79	38	149	18	210	6.5	234	3.8	.70
13	1.7	17	20	72	33	92	15	212	4.3	352	2.4	1.2
14	1.6	13	16	73	30	128	12	148	2.8	210	1.7	1.2
15	2.6	12	15	82	28	374	10	107	2.0	95	1.3	1.4
16	55	10	19	93	25	645	9.2	75	4.5	168	2.2	2.0
17	191	8.9	22	130	24	648	8.2	51	6.4	254	9.2	2.7
18	234	8.2	21	155	23	521	7.3	37	12	297	28	2.1
19	180	8.2	21	97	22	374	6.7	26	45	180	9.5	1.6
20	164	11	25	55	21	216	6.8	16	14	125	5.3	1.4
21	80	12	29	42	53	93	6.5	10	16	285	4.5	2.6
22	32	40	23	34	113	55	6.0	7.0	57	335	2.3	1.4
23	20	97	17	30	132	41	6.1	4.9	49	281	1.3	.76
24	16	104	22	27	141	60	6.8	3.4	30	157	.76	.76
25	153	59	224	192	106	2010	9.3	2.5	16	168	.40	2.1
26	961	209	646	663	57	5330	8.3	2.1	8.7	358	.22	2.1
27	1460	494	873	1130	37	4700	6.3	1.8	5.9	280	.16	3.1
28	1380	623	824	978	28	3300	4.9	1.4	18	418	.16	4.6
29	1460	404	801	798	22	2210	4.9	1.3	30	468	1.0	7.5
30	1480	231	742	593	---	1680	5.6	1.1	104	341	45	11
31	1240	---	650	317	---	1490	---	4.8	---	100	27	---
TOTAL	9142.3	4962.3	5938	8162	1891	24767	5997.9	1315.6	3861.8	6713	232.20	96.53
MEAN	295	165	192	263	65.2	799	200	42.4	129	217	7.49	3.22
MAX	1480	889	873	1130	156	5330	1560	212	850	468	45	12
MIN	1.6	8.2	15	27	21	14	4.9	1.1	2.0	78	.16	.45
CFM	1.67	.93	1.08	1.49	.37	4.51	1.13	.24	.73	1.23	.04	.02
IN.	1.92	1.04	1.25	1.72	.40	5.21	1.26	.28	.81	1.41	.05	.02
AC-FT	18130	9840	11780	16190	3750	49130	11900	2610	7660	13320	461	191
CAL YR 1975	TOTAL	110775.60	MEAN	303	MAX	2380	MIN	1.6	CFM	1.71	IN	23.28
WTR YR 1976	TOTAL	73079.63	MEAN	200	MAX	5330	MIN	.16	CFM	1.13	IN	15.36
										AC-FT	219700	
										AC-FT	145000	

CALCASIEU RIVER BASIN

08016800 BEAR HEAD CREEK NEAR STARKS, LA--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.64	12.57	10.64	11.87	10.47	8.16	13.46	7.82	10.45	9.80	8.29	7.98
2	7.61	11.72	10.23	11.53	9.98	8.09	13.28	7.78	12.26	10.07	7.96	7.92
3	7.58	10.74	10.26	11.22	9.80	8.05	12.88	7.71	12.51	9.88	7.79	7.86
4	7.56	9.92	10.42	11.12	9.54	8.03	12.42	7.65	12.12	10.10	7.67	7.73
5	7.54	10.64	10.02	11.15	9.24	8.03	11.99	7.64	11.70	10.73	7.59	7.63
6	7.53	11.24	9.39	11.01	9.29	8.04	10.97	7.61	11.35	10.99	7.53	7.56
7	7.51	10.99	9.13	10.64	9.80	8.07	9.56	7.72	10.41	10.13	7.55	7.48
8	7.50	10.07	9.11	10.21	9.70	8.60	8.90	8.27	8.72	9.47	7.52	7.43
9	7.49	9.07	9.07	9.95	9.55	10.15	8.62	9.22	8.18	9.60	7.87	7.38
10	7.48	8.67	8.81	9.89	9.14	10.72	8.42	9.64	7.99	10.59	7.92	7.35
11	7.47	8.44	8.61	9.70	8.82	10.85	8.26	10.71	7.88	11.27	7.75	7.32
12	7.46	8.29	8.48	9.49	8.63	10.42	8.14	10.94	7.75	11.05	7.61	7.37
13	7.46	8.16	8.37	9.36	8.51	9.71	8.05	10.95	7.64	11.44	7.53	7.44
14	7.45	8.08	8.27	9.37	8.44	10.02	7.97	10.47	7.56	10.81	7.46	7.45
15	7.52	8.02	8.22	9.54	8.38	11.49	7.91	9.97	7.49	9.76	7.42	7.47
16	8.94	7.97	8.33	9.73	8.33	12.13	7.86	9.42	7.64	10.58	7.50	7.53
17	10.77	7.92	8.42	10.23	8.28	12.14	7.82	8.91	7.74	11.17	7.78	7.59
18	11.07	7.89	8.41	10.48	8.26	11.87	7.79	8.60	7.88	11.28	8.37	7.54
19	10.76	7.90	8.38	9.77	8.24	11.51	7.76	8.34	8.78	10.66	7.89	7.49
20	10.63	7.99	8.49	9.01	8.23	10.40	7.77	8.09	8.01	10.16	7.73	7.46
21	9.47	8.04	8.59	8.71	8.93	9.70	7.75	7.90	8.04	11.18	7.69	7.58
22	8.47	8.72	8.45	8.53	10.03	8.99	7.73	7.77	9.06	11.40	7.56	7.46
23	8.19	9.82	8.29	8.43	10.26	8.69	7.74	7.67	8.87	11.22	7.45	7.38
24	8.06	9.93	8.40	8.37	10.35	8.96	7.77	7.60	8.43	10.47	7.38	7.37
25	9.81	9.15	10.96	10.10	9.92	13.43	7.87	7.53	8.07	10.51	7.31	7.54
26	12.64	10.40	12.12	12.14	9.05	16.09	7.83	7.50	7.84	11.47	7.26	7.54
27	13.35	11.80	12.56	12.94	8.61	15.77	7.74	7.47	7.72	11.22	7.20	7.61
28	13.24	12.09	12.47	12.72	8.39	14.93	7.68	7.43	8.09	11.63	7.21	7.69
29	13.35	11.59	12.43	12.43	8.25	14.11	7.67	7.41	8.43	11.76	7.39	7.82
30	13.38	11.08	12.32	12.02	---	13.59	7.71	7.39	9.84	11.40	8.78	7.94
31	13.08	---	12.14	11.32	---	13.39	---	7.60	---	9.69	8.37	---
MAX	13.38	12.57	12.56	12.94	10.47	16.09	13.46	10.95	12.51	11.76	8.78	7.98
MIN	7.45	7.89	8.22	8.37	8.23	8.03	7.67	7.39	7.49	9.47	7.20	7.32

CALCASIEU RIVER BASIN

399

301432093135700 CALCASIEU RIVER AT MILE 40.0, AT LAKE CHARLES, LA (CE 73510)

LOCATION.--Lat 30°14'32", long 93°13'57", T.9 S., R.8 W., Calcasieu Parish, 5.0 mi (8.0 km) east of Lake Charles.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974-76.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
07...	1414	60	63	160	40	0	330	2300	.07	.00	.07	--
21...	1245	180	23	53	27	0	120	840	.06	.01	.07	--
NOV.												
05...	1156	150	3.4	4.3	10	0	10	58	.06	.00	.06	--
18...	1208	100	66	170	36	0	320	2300	.08	.01	.09	--
DEC.												
02...	0804	80	11	5.1	98	0	57	380	.16	.01	.17	--
19...	1023	60	36	120	34	0	230	1700	.16	.01	.17	--
JAN.												
06...	1134	110	2.4	1.1	12	0	6.0	12	.09	.02	.11	.37
16...	1110	80	36	110	28	0	210	1500	.17	.01	.18	.82
28...	1010	90	6.7	14	12	0	30	210	.18	.02	.20	.74
FEB.												
11...	1543	110	15	34	18	0	71	500	.14	.01	.15	.51
25...	1330	70	20	48	25	0	99	730	.12	.02	.14	.75
MAR.												
11...	1050	100	27	91	36	0	190	1400	.11	.02	.13	.78
24...	1028	90	12	30	17	0	64	470	.07	.03	.10	.85
APR.												
06...	1016	180	2.5	.6	12	0	4.2	11	.06	.02	.08	.92
21...	1041	80	17	40	22	0	83	630	.18	.01	.19	.38
MAY												
06...	1317	0	53	150	38	0	300	2400	.15	.01	.16	.40
19...	1218	60	25	66	20	0	140	1000	.11	.01	.12	.81
JUNE												
03...	1207	120	11	26	19	0	52	380	.16	.03	.19	.69
AUG.												
20...	1400	30	85	290	60	0	600	4500	.20	.02	.22	.48
SEP.												
10...	1000	60	64	270	60	0	560	4000	.02	.01	.03	.73

CALCASIEU RIVER BASIN

301432093135700 CALCASIEU RIVER AT MILE 40.0, AT LAKE CHARLES, LA (CE 73510)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDE D SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
07...	.09	18	--	820	790	8000	7.4	24.0	30	7	6.6	--
21...	1.0	3	--	280	260	2850	6.9	21.5	60	10	6.8	--
NOV.												
05...	1.8	21	--	26	18	236	6.5	19.5	60	15	6.1	--
18...	.19	9	--	860	830	7790	6.7	18.5	35	8	7.3	--
DEC.												
02...	1.2	29	--	48	0	1410	7.8	11.0	50	25	8.6	--
19...	.12	37	--	580	550	5780	6.9	11.0	35	20	8.4	--
JAN.												
06...	.10	26	<1.0	11	1	71	6.9	10.0	60	50	7.8	20
16...	.66	35	<1.0	540	520	4850	7.1	11.0	40	20	8.2	88
28...	.12	90	<1.0	74	64	768	6.5	11.0	40	60	6.6	35
FEB.												
11...	.09	66	<1.0	180	170	1850	6.8	14.0	60	40	8.1	15
25...	.07	23	<1.0	250	230	2560	7.4	17.5	75	20	7.6	20
MAR.												
11...	.59	60	<1.0	440	410	4460	7.2	17.0	55	25	6.3	40
24...	.19	22	<1.0	150	140	1600	7.1	17.0	55	40	6.9	30
APR.												
06...	.12	17	<1.0	9	0	58	6.7	18.0	80	30	5.9	20
21...	.09	48	--	210	190	2080	7.2	21.0	50	35	5.8	16
MAY												
06...	.03	24	<1.0	750	720	7110	7.8	23.5	30	6	9.0	120
19...	.42	27	<1.0	330	320	3360	7.3	22.5	20	20	7.5	63
JUNE												
03...	.10	44	<1.0	130	110	1400	6.6	--	50	40	--	42
AUG.												
20...	.94	23	<1.0	1400	1400	13700	7.6	--	3	4	10.8	110
SEP.												
10...	.13	17	<1.0	1300	1300	12400	7.5	--	15	5	5.1	45

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
07...	1.4	220	7	7.0	.00	0	2	.00	.0	.00	.00	.00
21...	4.8	320	37	11	.00	0	0	.00	.0	.00	.00	.00
NOV.												
05...	1.3	320	27	11	.00	1	0	.00	.0	.00	.00	.00
18...	1.5	510	48	8.0	.00	7	0	.00	.0	.00	.00	.00
DEC.												
02...	7.4	1500	320	8.4	.00	0	0	.00	.0	.00	.00	.00
19...	4.4	20	<5	7.4	.00	0	0	.00	.0	.00	.00	.00
JAN.												
06...	3.1	1200	130	9.4	.00	6	2	.00	.0	.00	.00	.00
16...	1.0	92	24	6.8	.00	2	5	.00	.0	.00	.00	.00
28...	2.4	6200	3200	8.6	.00	1	0	.00	.0	.00	.00	.00
FEB.												
11...	1.2	40	--	9.8	.00	1	0	.00	.0	.00	.00	.00
25...	7.3	290	130	8.4	.00	0	0	.00	.0	.00	.00	.00
MAR.												
11...	5.7	6600	330	5.6	.00	1	0	.00	.0	.00	.00	.00
24...	6.2	300	60	17	.00	3	0	.00	.0	.00	.00	.00
APR.												
06...	3.4	1600	350	14	.00	0	0	.00	.0	.00	.00	.00
21...	2.4	210	60	5.4	.00	0	0	.00	.0	.00	.00	.00
MAY												
06...	2.6	270	40	6.2	.00	0	0	.00	.0	.00	.00	.00
19...	1.7	400	40	8.2	.00	6	0	.00	.0	.00	.00	.00
JUNE												
03...	2.5	7200	530	6.4	--	1	0	.00	.0	.00	.00	.00
AUG.												
20...	--	420	15	3.3	.00	9	0	.00	.0	.00	.00	.00
SEP.												
10...	1.8	20	<5	7.2	.00	6	0	.00	.0	.00	.00	.00

301432093135700 CALCASIEU RIVER AT MILE 40.0, AT LAKE CHARLES, LA (CE 73510)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
07...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.02	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.02	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.0
JAN.												
06...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
16...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
28...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
11...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
25...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
11...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
24...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.01	.00	.00	.00	.00	.00	.00	--	.00	.00	.00	.0
MAY												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	--	.00	.00	.00	.0
JUNE												
03...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.												
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
07...	.00	0	.00	--	--	--	1	1	0	0	<10	0
21...	.00	0	.00	--	--	--	1	1	0	0	<10	0
NOV.												
05...	.00	0	.00	--	--	--	1	0	1	0	<10	0
18...	.00	0	.00	--	--	--	1	1	1	0	<10	0
DEC.												
02...	.00	0	.00	--	--	--	1	0	11	2	<10	0
19...	.00	0	.00	--	--	--	1	1	--	0	--	0
JAN.												
06...	.00	0	.00	--	--	--	1	1	--	0	--	0
16...	.00	0	.00	--	--	--	0	0	--	0	--	0
28...	.00	0	.00	--	--	--	1	0	0	0	10	0
FEB.												
11...	.00	0	.00	--	--	--	1	0	--	1	--	0
25...	.00	0	.00	--	--	--	1	0	1	0	<10	0
MAR.												
11...	.00	0	.00	--	--	--	1	1	2	1	<10	0
24...	.00	0	.00	--	--	--	1	1	4	0	20	0
APR.												
06...	.00	0	.00	--	--	--	1	1	1	0	<10	0
21...	.00	0	.00	--	--	--	1	0	4	1	10	0
MAY												
06...	.00	0	.00	--	--	--	0	0	1	0	40	0
19...	.00	0	.00	--	--	--	1	0	2	2	10	0
JUNE												
03...	.00	0	.00	--	--	--	2	2	3	0	<10	0
AUG.												
20...	.00	0	.00	.00	.08	.05	1	1	0	0	<10	0
SEP.												
10...	.00	0	.00	.17	.01	.00	3	2	2	2	10	0

CALCASIEU RIVER BASIN

301432093135700 CALCASIEU RIVER AT MILE 40.0, AT LAKE CHARLES, LA (CE 73510)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDED MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
07...	--	--	2	0	.0	.0	.0	--	--	20	10
21...	--	--	9	0	.0	.0	.0	--	--	20	0
NOV.											
05...	--	--	0	0	.0	.0	.0	--	--	10	4
18...	--	--	2	0	.0	.0	.0	--	--	20	10
DEC.											
02...	--	--	0	0	.0	.0	.0	--	--	60	20
19...	--	--	--	0	.0	.0	.0	--	--	--	10
JAN.											
06...	--	5	--	0	.2	.1	.1	--	0	--	0
16...	--	4	--	0	.0	.0	.0	--	0	--	20
28...	3	3	6	0	.1	.0	.1	6	0	20	20
FEB.											
11...	--	3	--	0	1.1	1.0	.1	--	0	--	0
25...	5	3	8	0	.2	.0	.2	5	0	30	0
MAR.											
11...	8	4	5	0	.0	.0	.0	2	2	60	0
24...	6	6	0	0	.0	.0	.0	4	0	20	0
APR.											
06...	8	8	24	0	.0	.0	.0	0	0	20	10
21...	4	4	8	0	.0	.0	.0	4	0	20	10
MAY											
06...	4	1	3	0	.2	.2	.0	7	0	10	0
19...	5	5	6	0	.1	.0	.1	0	0	20	10
JUNE											
03...	--	--	4	0	.2	.0	.2	3	0	100	20
AUG.											
20...	3	3	1	0	.1	.1	.0	1	1	20	10
SEP.											
10...	2	2	3	0	.0	.0	.0	3	3	30	20

301305093151200 CALCASIEU RIVER AND PASS NEAR LAKE CHARLES, LA (CE 73550)

LOCATION.--Lat 30°13'05", long 93°15'12", T.10 S., R.9 W., Calcasieu Parish, on east end of Lake Charles harbor, 2.3 mi (3.7 km) south-east of Lake Charles Post Office.

DRAINAGE AREA.--Indeterminate.

PERIOD OF DAILY RECORD.--

CHLORIDE- 5 FT DEPTH: October 1974 to current year.
 CHLORIDE-15 FT DEPTH: October 1975 to current year.
 CHLORIDE-25 FT DEPTH: October 1975 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey. Samples are collected at depths of 5 ft (1.5 m), 15 ft (4.6 m), and 25 ft (7.6 m).

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE- 5 FT DEPTH: Maximum, 9,800 mg/L Sept. 12, 1976; minimum, 8.0 mg/L May 11, 14, 19, 1975.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE- 5 FT DEPTH: Maximum, 9,800 mg/L Sept. 12; minimum, 14 mg/L Apr. 1.
 CHLORIDE-15 FT DEPTH: Maximum, 11,000 mg/L Sept. 12, 14, 15; minimum, 16 mg/L Apr. 4.
 CHLORIDE-25 FT DEPTH: Maximum, 13,000 mg/L Nov. 25; minimum, 21 mg/L Apr. 1.

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
 SAMPLING DEPTH 5.00(FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5500	380	1100	700	230	1400	14	6300	1500	1400	1200	6300
2	2400	400	1100	720	180	1300	30	4600	1200	1100	990	5600
3	2700	280	1700	720	240	1400	34	2900	1000	900	1400	6900
4	4300	240	1500	460	270	1300	18	2400	1000	950	2700	4500
5	1800	280	1400	760	370	1400	44	3500	1600	600	3900	4800
6	3900	780	1600	920	460	1400	71	3600	1400	600	3900	4700
7	3800	1200	1500	980	410	3200	280	1500	1400	700	2400	3900
8	5000	---	1400	1300	310	2000	360	1400	1800	850	4200	5700
9	4800	720	1500	1400	430	2000	420	1600	1900	1400	2600	5300
10	6000	1000	1500	1300	640	1800	940	1600	1600	980	6000	5200
11	5600	2000	1700	1200	750	2000	760	1500	1100	1500	5200	6600
12	5000	1200	2300	1300	640	2000	630	630	1700	2100	5600	9800
13	5200	1200	2800	1600	710	1600	1000	560	1600	1600	5100	7300
14	5600	1000	2400	1700	1200	1300	1100	500	1500	1400	6000	7600
15	4200	2800	2800	1900	1600	1900	1100	500	1200	1600	4800	7200
16	4600	2000	2600	1800	1500	1000	1300	570	1300	1200	4400	7300
17	3200	2600	2600	2000	1800	900	2000	400	1200	1200	4100	7400
18	2300	3500	2700	3000	2200	1000	1900	1400	1000	800	4000	6200
19	2500	5100	3400	---	2000	850	1400	1600	900	800	4800	6600
20	1900	4100	3300	2600	---	390	1400	1200	800	950	6800	6400
21	1800	3800	3100	2700	2100	480	1000	1900	850	1100	6300	5400
22	2100	---	5800	2600	1300	270	900	1900	1000	1200	6500	6100
23	2400	---	6900	2900	1200	300	1300	1800	1300	1200	7000	7100
24	2600	3400	4500	---	1300	300	---	1600	1600	1400	5500	6600
25	2800	6900	4100	3200	1300	680	1600	2000	1400	1400	6100	7500
26	1100	3700	1900	1300	1200	1100	960	2000	1300	1600	5900	6500
27	1100	3300	1200	970	1200	68	1100	2200	1200	1900	6300	6800
28	550	290	1200	690	1400	36	2700	2100	1000	1700	4700	6700
29	300	1800	1400	490	1500	36	1800	1800	1300	1500	6100	6600
30	380	130	500	210	---	26	2400	1800	1200	1600	5400	6900
31	240	---	900	200	---	32	---	2000	---	1700	6600	---

CALCASIEU RIVER BASIN

301305093151200 CALCASIEU RIVER AND PASS NEAR LAKE CHARLES, LA (CE 73550)--Continued

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
SAMPLING DEPTH 15.00 (FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7600	430	1300	1000	250	2200	14	6700	4000	1600	1500	9500
2	6800	420	4600	950	240	2600	30	4600	1200	1300	2600	8800
3	8000	290	5300	760	300	2400	30	5700	1100	1000	5900	9600
4	8400	260	4300	540	370	2700	16	5500	1100	950	6100	8400
5	7400	910	6000	3700	550	2600	44	5900	1800	600	7800	9400
6	5000	2700	4400	6400	460	3300	140	5200	2100	700	7200	9300
7	7300	3100	5100	1000	740	4800	320	2300	2400	900	6400	9100
8	7200	---	6600	1400	570	4200	380	1700	5800	1000	7100	8800
9	8600	1600	5700	4400	770	3500	520	2600	2100	3900	7200	9500
10	7800	1400	3900	5900	700	2400	1400	2300	2600	4700	7400	9400
11	7800	5000	5800	4200	830	2700	1600	1600	2800	3600	9900	10000
12	6300	4600	6100	4300	680	3300	930	820	2600	5100	7800	11000
13	8100	5900	4500	5800	3100	1600	1700	600	2400	4400	7300	9900
14	7700	3100	4400	4300	1700	5000	2100	520	2600	3200	8000	11000
15	7500	6400	4300	6400	2800	2000	1500	600	1800	4000	6800	11000
16	7100	5000	5000	5600	2200	1300	1700	700	2400	2100	6900	10000
17	4200	6400	7100	3700	2100	1000	2600	400	1600	2000	6500	9400
18	2900	7200	2900	5000	2300	1200	2400	1800	2000	1100	7500	8900
19	5200	8200	7100	---	2100	900	1900	2100	1200	1000	8400	8400
20	3900	4700	5800	6000	---	500	1700	1900	1700	1100	10000	8900
21	4600	5200	7600	4200	2100	540	1200	2100	1600	1300	9400	8700
22	4000	---	7900	5500	1300	360	1100	2400	3200	1800	9300	8900
23	5300	---	7800	5400	1600	470	1600	2700	2500	2900	8100	9500
24	3200	5800	8600	---	1800	610	---	2500	2400	5100	8500	7900
25	2700	7900	7300	4700	3500	1100	1600	2600	2100	4800	9000	8800
26	2200	8000	2400	1300	2600	1100	2100	2300	2000	4000	9000	8500
27	1500	3200	2600	1600	1700	69	2800	3100	1600	4400	9700	8600
28	830	3000	1700	720	4800	40	4300	2100	1400	2300	8500	7400
29	650	2400	1500	550	2000	37	4800	3900	2500	1700	8400	7700
30	440	1400	1600	250	---	28	4600	3900	1700	1800	9100	8500
31	280	---	1200	210	---	24	---	3400	---	1900	9500	---

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
SAMPLING DEPTH 25.00 (FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7700	680	5000	7000	260	4400	21	6700	5600	1600	4100	9800
2	7600	1400	5300	6300	620	3700	33	7100	1300	2400	5100	9800
3	9000	460	6700	5800	330	3200	29	7500	1500	1200	7000	10000
4	8400	380	6800	6600	2700	3600	22	7000	4500	1600	7700	9800
5	8300	3000	7200	7100	1400	3500	53	7900	4800	1500	7700	9600
6	7600	3700	6300	8200	950	4300	320	6200	6100	2200	7500	10000
7	7900	4900	7000	6900	4600	5300	640	4000	6900	2800	8400	10000
8	9600	---	8400	7100	2000	5500	880	4300	6500	3400	9400	11000
9	9100	4400	7000	7200	5000	3900	2500	5200	4800	4500	9400	11000
10	---	4200	7800	7700	4500	4800	3400	5600	6200	6200	8700	10000
11	8800	6000	7600	8000	900	4700	4600	3600	4000	5200	10000	11000
12	8500	5300	7500	6300	1800	4000	3400	1200	3500	6700	9500	11000
13	8700	7900	7400	8000	3400	2300	4500	930	4500	6500	8700	11000
14	9000	5300	6800	6600	4400	6200	4000	2600	4100	5600	9500	11000
15	8800	9300	5800	8000	4700	3000	3000	3000	2600	5100	9200	11000
16	7900	6800	6000	7600	2800	3000	2200	2800	3000	4000	9300	11000
17	6800	7700	8100	6200	3300	2500	2600	3400	2200	3400	9400	10000
18	5700	8000	6900	7600	2300	4000	2500	5000	2600	2200	9200	10000
19	7000	8400	7900	---	2600	1000	2500	5600	2600	2400	9700	9700
20	6300	5900	7300	7100	---	570	1900	6700	2800	2500	11000	9400
21	6700	6400	8300	7300	2600	550	1800	4900	2600	2800	10000	9900
22	6200	---	8000	9500	2300	600	1700	6400	4500	5000	10000	11000
23	6600	---	8600	6500	2200	2600	2100	6800	4400	5500	9500	11000
24	5800	8300	9100	---	3300	3200	---	5900	4400	6100	10000	8000
25	4300	13000	9000	7100	4400	3100	1700	4600	4100	6200	9400	10000
26	3600	8800	5900	1500	4100	1400	3100	5200	3900	4900	9300	9900
27	2300	5400	6200	1700	3700	58	4000	4600	3200	6100	10000	9400
28	860	5000	5300	1200	5600	28	5200	4800	3400	5200	9600	8800
29	730	5500	2400	620	4800	38	5800	5600	3300	4700	9800	8900
30	630	3500	4100	300	---	30	6400	6100	4000	5000	9100	8800
31	420	---	5000	290	---	24	---	5100	---	3300	10000	---

300514093172800 INTRACOASTAL WATERWAY AT CALCASIEU LOCK, NEAR GRAND LAKE, LA (CE 76880)

LOCATION.--Lat 30°05'14", long 93°17'28", T.11 S., R.9 W., Calcasieu Parish, 4.1 mi (6.6 km) north of Grand Lake.

DRAINAGE AREA.--Indeterminate.

PERIOD OF DAILY RECORD.--

CHLORIDE: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CHLORIDE: Maximum, 10,000 mg/L Oct. 24, 28, 1974, Sept. 23, 24, 1976; minimum, 20 mg/L Aug. 10, 1975.

EXTREMES FOR CURRENT YEAR.--

CHLORIDE: Maximum, 10,000 mg/L Sept. 23, 24; minimum, 110 mg/L Apr. 6.

DISSOLVED CHLORIDE (CL), MG/L, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1500	3200	3700	4900	1600	4000	340	3100	3800	3100	1100	6100
2	1500	3800	5700	5600	1500	2800	160	3300	2600	2600	770	7700
3	800	3900	6200	3100	1500	700	180	2600	2600	2300	950	8300
4	6400	2600	7100	3000	1300	2400	180	3400	3700	2600	5000	8300
5	6100	2800	5800	3200	1300	3500	120	4500	4500	1700	3900	7500
6	7700	3000	6900	5100	1300	2600	110	4900	4500	1600	4500	7400
7	7000	3800	5300	3000	1200	2600	140	4600	4600	1200	3100	7300
8	7200	3800	6900	3800	1400	3900	130	4400	5000	1200	2900	8200
9	4400	---	3600	4200	3400	4400	1100	5000	5200	680	2600	7000
10	8800	4400	5100	---	1600	2600	1400	4000	5100	640	5000	7300
11	4700	5200	5500	5900	1200	2600	1700	3600	4200	1800	3600	6100
12	6700	4800	5300	4600	1700	5000	740	3600	4100	2000	4600	8700
13	3600	4800	5300	4000	2600	2700	1200	3200	4200	1200	3500	9200
14	6200	4800	4400	5200	1600	3900	1300	3000	4200	1400	3400	8500
15	5900	5800	4400	5500	2800	3200	1900	2400	4600	1900	3500	8400
16	5700	5700	4600	6700	1400	3900	2300	2000	4600	320	6500	9400
17	7100	4700	---	3800	1400	2400	2600	1800	4200	530	6300	8200
18	6400	5100	5200	2800	2000	1900	3800	1900	2900	1100	5200	9200
19	5900	6500	4400	2700	1900	2500	2400	2200	2300	640	6900	9100
20	5500	5600	8100	4800	1400	3400	3300	1600	2000	1900	6600	9800
21	6100	6300	4800	3000	2600	3200	2500	4400	2500	2000	6000	9500
22	5000	6700	5900	4500	1400	2000	2000	2600	2400	1600	5900	9400
23	4900	6700	7700	2200	1000	3200	1700	---	2800	1300	5700	10000
24	6700	5900	7600	4800	1600	2400	2700	4600	2900	2100	4600	10000
25	6200	5600	6500	4900	1000	2400	2100	3300	3100	2000	5900	9500
26	4800	8900	5100	4000	2200	1900	1700	3900	3600	2300	4800	9600
27	5300	5400	5100	3100	3300	2200	2400	4400	3400	1900	6000	8800
28	5100	5600	4500	3500	2500	1700	4200	3800	3100	2700	6300	8600
29	3400	5200	5800	3200	1900	1400	3700	3900	3000	1400	7000	9000
30	3600	4100	5400	1900	---	850	3000	2900	3600	2100	5900	8800
31	2900	---	6000	1700	---	460	---	3300	---	1600	5900	---

CALCASIEU RIVER BASIN

295040093204000 CALCASIEU PASS AT ST. JOHN ISLAND, NEAR CAMERON, LA (CE 73649)

LOCATION.--Lat 29°50'40", long 93°20'40", T.14 S., R.10 W., Calcasieu Parish, 2.1 mi (3.4 km) northwest of Cameron.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974-76.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)
OCT.												
07...	1436	40	210	510	84	0	1000	7400	.01	.00	.01	--
21...	1353	70	230	660	96	0	1400	9500	.00	.01	.01	--
NOV.												
05...	1259	20	120	350	62	0	660	5000	.13	.01	.14	--
18...	1320	40	230	580	88	0	1200	8500	.16	.01	.17	--
DEC.												
02...	0815	60	230	690	14	0	1400	9600	.20	.01	.21	--
19...	1137	50	210	620	98	0	1300	9400	.07	.01	.08	--
JAN.												
06...	1210	60	290	860	126	0	1800	12000	--	--	--	.68
16...	1225	50	230	670	104	0	1200	9400	.24	.01	.25	.25
28...	1105	60	200	590	94	0	1100	9000	.21	.01	.22	.97
FEB.												
11...	1632	110	310	910	132	0	1800	13000	.04	.01	.05	.31
25...	1445	60	310	890	127	0	1700	14000	.07	.01	.08	.44
MAR.												
11...	1212	170	280	820	120	0	1800	13000	.14	.05	.19	1.3
24...	1118	10	25	34	38	0	78	560	.10	.02	.12	.54
APR.												
06...	1110	80	220	610	104	0	1400	11000	.13	.01	.14	.52
21...	1234	20	140	410	87	0	870	6500	.30	.02	.32	.44
MAY												
06...	1421	30	330	99	130	4	2200	15000	.05	.01	.06	.31
19...	1344	10	310	960	122	0	2000	14000	.05	.01	.06	.45
JUNE												
03...	1320	80	260	800	105	0	1500	12000	.02	.01	.03	.60
AUG.												
20...	1435	50	230	740	95	0	1400	11000	.01	.01	.02	.78
SEP.												
10...	1030	130	230	64	100	0	1300	10000	.02	.01	.03	.71

295040093204000 CALCASIEU PASS AT ST. JOHN ISLAND, NEAR CAMERON, LA (CE 73649)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	SUS- PENDED SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
OCT.												
07...	.04	31	--	2600	2500	21400	8.2	22.5	20	6	8.9	--
21...	.06	39	--	3300	3200	26900	8.2	21.5	15	6	8.5	--
NOV.												
05...	.79	45	--	1700	1700	15400	7.6	20.0	20	10	8.0	--
18...	.11	14	--	3000	2900	24300	7.5	15.5	15	8	9.7	--
DEC.												
02...	.19	118	--	3400	3400	27000	6.7	11.0	10	50	10.7	--
19...	.96	47	--	3100	3000	26500	7.8	8.0	10	30	9.3	--
JAN.												
06...	--	8	<1.0	4300	4200	34600	7.9	8.5	5	20	9.5	320
16...	.35	19	<1.0	3300	3200	25800	7.8	11.5	10	20	12.0	840
28...	.09	66	<1.0	2900	2800	24300	8.0	8.5	25	20	10.9	250
FEB.												
11...	.12	128	<1.0	4500	4400	36400	8.1	15.5	10	30	8.6	470
25...	.07	70	<1.0	4400	4300	34500	8.1	15.5	15	30	8.4	2
MAR.												
11...	.25	314	<1.0	4100	4000	32800	7.8	16.0	15	---	8.2	360
24...	3.3	50	<1.0	200	170	1890	7.7	17.5	15	40	8.2	20
APR.												
06...	.08	19	<1.0	3100	3000	28500	8.0	20.0	15	20	8.7	310
21...	.05	98	<1.0	2000	1900	17500	8.1	21.0	15	25	7.2	170
MAY												
06...	.23	178	<1.0	1200	1100	39600	8.4	23.5	5	60	7.8	710
19...	.06	96	<1.0	4700	4600	36800	8.1	23.0	10	15	8.2	410
JUNE												
03...	.06	122	<1.0	3900	3900	32300	8.1	26.0	15	15	7.7	390
AUG.												
20...	.02	26	<1.0	3600	3500	29200	7.8	--	5	7	10.0	--
SEP.												
10...	.11	69	<1.0	840	760	28400	7.9	--	15	15	--	--

DATE	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)
OCT.												
07...	3.2	920	<5	7.0	.00	0	6	.00	.0	.00	.00	.00
21...	4.1	37	<5	12	.00	0	0	.00	.0	.00	.00	.00
NOV.												
05...	2.6	440	<5	6.4	.00	1	0	.00	.0	.00	.00	.00
18...	3.6	<5	<5	4.6	.00	10	2	.00	.0	.00	.00	.00
DEC.												
02...	8.4	60	8	5.0	.00	0	0	.00	.0	.00	.00	.00
19...	4.0	240	25	11	.00	0	0	.00	.0	.00	.00	.00
JAN.												
06...	5.2	20	<5	4.6	.00	1	1	.00	.0	.00	.00	.00
16...	4.5	<5	<5	9.2	.00	3	0	.00	.0	.00	.00	.00
28...	4.9	40	16	7.0	.00	2	2	.00	.0	.00	.00	.00
FEB.												
11...	.9	45	7	3.8	.00	0	0	.00	.0	.00	.00	.00
25...	2.5	16	<5	4.4	.00	0	0	.00	.0	.00	.00	.00
MAR.												
11...	2.9	1500	180	6.4	.00	0	0	.00	.0	.00	.00	.00
24...	.9	10	8	13	.00	2	0	.00	.0	.00	.00	.00
APR.												
06...	1.7	20	<5	4.0	.00	0	0	.00	.0	.00	.00	.00
21...	4.2	13	<5	6.1	.00	0	0	.00	.0	.00	.00	.00
MAY												
06...	1.7	60	36	5.5	.00	3	0	.00	.0	.00	.00	.00
19...	3.4	<50	<10	8.1	.00	4	0	.00	.0	.00	.00	.00
JUNE												
03...	6.4	<5	<5	5.0	.00	0	0	.00	.0	.00	.00	.00
AUG.												
20...	--	200	<5	5.6	.00	0	0	.00	.0	.00	.00	.00
SEP.												
10...	--	<5	<5	7.4	.00	6	0	.00	.0	.00	.00	.00

295040093204000 CALCASIEU PASS AT ST. JOHN ISLAND, NEAR CAMERON, LA (CE 73649)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)
OCT.												
07...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
18...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.												
02...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JAN.												
06...	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
16...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
28...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.												
11...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
25...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.												
11...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
24...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
21...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY												
06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
19...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JUNE												
03...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.												
20...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
SEP.												
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

DATE	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
OCT.												
07...	.00	0	.00	--	--	--	1	1	0	0	<10	0
21...	.00	0	.00	--	--	--	1	1	0	0	<10	0
NOV.												
05...	.00	0	.00	--	--	--	1	1	1	0	<10	0
18...	.00	0	.00	--	--	--	1	1	1	1	30	0
DEC.												
02...	.00	0	.00	--	--	--	2	1	4	4	<10	0
19...	.00	0	.00	--	--	--	1	1	--	0	--	0
JAN.												
06...	.00	0	.00	--	--	--	1	1	--	0	--	0
16...	.00	0	.00	--	--	--	1	0	5	2	<10	0
28...	.00	0	.00	--	--	--	1	0	0	0	20	0
FEB.												
11...	.00	0	.00	--	--	--	1	0	--	0	--	0
25...	.00	0	.00	--	--	--	1	1	0	0	<10	0
MAR.												
11...	.00	0	.00	--	--	--	2	1	4	3	10	0
24...	.00	0	.00	--	--	--	1	1	0	0	10	0
APR.												
06...	.00	0	.00	--	--	--	1	0	2	2	40	0
21...	.00	0	.00	--	--	--	1	0	2	0	<10	0
MAY												
06...	.00	0	.00	--	--	--	1	0	0	0	90	0
19...	.00	0	.00	--	--	--	1	0	2	2	40	0
JUNE												
03...	.00	0	.00	--	--	--	2	1	0	0	30	0
AUG.												
20...	.00	0	.00	.06	.02	.00	2	1	0	0	20	0
SEP.												
10...	.00	0	.00	.04	.02	.00	2	1	0	0	<10	0

295040093204000 CALCASIEU PASS AT ST. JOHN ISLAND, NEAR CAMERON, LA (CE 73649)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS- PENDE MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.											
07...	--	--	0	0	.0	.0	.0	--	--	30	2
21...	--	--	10	0	.0	.0	.0	--	--	60	20
NOV.											
05...	--	--	0	0	.0	.0	.0	--	--	20	0
18...	--	--	2	0	.0	.0	.0	--	--	20	10
DEC.											
02...	--	--	0	0	.0	.0	.0	--	--	70	30
19...	--	--	--	0	.0	.0	.0	--	--	--	0
JAN.											
06...	--	2	--	0	.2	.0	.2	--	0	--	10
16...	1	--	3	0	.0	.0	.0	2	0	40	20
28...	3	3	0	0	.1	.0	.1	5	0	30	20
FEB.											
11...	--	2	--	0	.0	.0	.0	--	0	--	10
25...	5	3	3	0	.0	.0	.0	4	0	20	20
MAR.											
11...	10	8	14	0	.0	.0	.0	14	0	60	20
24...	3	3	3	0	.0	.0	.0	4	0	30	0
APR.											
06...	3	3	0	0	.0	.0	.0	3	0	40	10
21...	4	4	2	0	.3	.3	.0	5	4	10	10
MAY											
06...	7	7	4	0	.0	.0	.0	12	0	30	40
19...	3	3	5	0	.1	.0	.1	0	0	30	10
JUNE											
03...	6	6	3	0	.2	.0	.2	0	0	60	30
AUG.											
20...	3	3	0	0	.0	.0	.0	2	2	30	30
SEP.											
10...	3	3	6	0	.4	.3	.1	10	2	40	30

SABINE RIVER BASIN

08030500 SABINE RIVER NEAR RULIFF, TEX

LOCATION.--Lat 30°18'13", long 93°44'37", Calcasieu Parish, La.-Newton County, Tex. State line, at downstream side of bridge on Texas State Highway 12, 2.4 mi (3.9 km) north of Ruliff, 4.2 mi (6.8 km) upstream from the Kansas City Southern Railway Co. bridge, 4.5 mi (7.2 km) downstream from Cypress Creek, and at mile 40.2 (64.7 km).

DRAINAGE AREA.--9,329 mi² (24,162 km²).

PERIOD OF RECORD.--October 1924 to current year.

REVISED RECORDS.--WSP 1282: 1941(M), 1942. WSP 1442: 1925-29, 1937-39, 1943. WSP 1732: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 4.08 ft (1.244 m) above mean sea level. Prior to Mar. 1, 1941, nonrecording gage at Kansas City Southern Railway Co. bridge, 4.2 mi (6.8 km) downstream and at datum 2.02 ft (0.616 m) lower. Mar. 1, 1941, to Dec. 8, 1948, nonrecording gage at present site and datum.

REMARKS.--Records fair. Flow partly regulated by Toledo Bend Reservoir (sta 08025350) 116.3 mi (187.1 km) upstream.

AVERAGE DISCHARGE.--42 years (1924-66) prior to completion of Toledo Bend Reservoir, 8,422 ft³/s (238.5 m³/s), 6,102,000 acre-ft/yr (7.52 km³/yr); 10 years (1967-76) regulated, 7,766 ft³/s (219.9 m³/s), 5,626,000 acre-ft/yr (6.94 km³/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 121,000 ft³/s (3,430 m³/s) May 22, 1953, gage height, 19.98 ft (6.090 m); minimum, 270 ft³/s (7.65 m³/s) Sept. 27-30, Oct. 1-3, 17-20, 1956.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1835, 22.2 ft (6.77 m) in May or June 1884 (adjusted to present site and datum on basis of slope for flood of June 8, 9, 1950); flood of April 26-29, 1913, reached a stage of 19.5 ft (5.94 m), present site and datum, from information by a local resident.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 22,800 ft³/s (646 m³/s) June 6, gage height, 14.39 ft (4.386 m); minimum, 937 ft³/s (26.5 m³/s) Oct. 14.

DISCHARGE* IN CUBIC FEET PER SECOND* WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2980	4510	1430	3930	2770	5000	11800	1950	12800	6520	8080	4990
2	4360	3000	1600	3740	2270	4960	11700	2500	14400	7200	7870	5240
3	4800	2280	2060	3240	1940	4920	11600	2300	15600	8050	7750	5860
4	3220	1940	2060	2950	3010	5000	10800	1850	17300	8770	8060	6190
5	1840	1810	1780	4100	5070	5410	9780	2090	20000	9250	8530	6300
6	1360	1840	1610	5010	6250	5140	9090	3330	22200	9090	9250	6270
7	1200	1740	1580	4810	6830	5130	8880	3710	21000	7730	9980	5560
8	1120	1570	1600	3810	7040	5150	8790	4440	18600	7380	10200	3350
9	1080	1460	1810	3040	6460	5150	8620	6350	17000	7930	10400	1890
10	1040	1390	1770	2550	4350	4970	8630	8570	15800	8470	10400	2160
11	1010	1340	1550	2270	3640	7180	8730	11100	14500	8930	10500	4200
12	984	1260	1400	2070	4280	8690	8660	11500	13000	9330	10300	5280
13	961	1200	1310	1960	3190	9570	8510	11300	11300	9420	9620	5190
14	937	1130	1240	1910	2090	10400	8440	11300	9870	9350	8820	3220
15	951	1080	1220	1930	1680	11200	8380	11400	8450	8870	8270	2430
16	1150	1040	1210	1880	1530	11400	8310	11900	6810	8550	8060	4180
17	1300	1020	1220	1770	1450	11600	8150	12700	6960	8500	8030	5230
18	1620	1010	1250	1680	1400	11800	8120	12300	7530	8510	8030	5690
19	2090	1010	1380	1600	1360	11500	7550	10200	8160	8480	7880	5970
20	1890	1060	1470	1520	1330	10900	5330	9110	8680	8590	7430	6260
21	1510	1150	1380	1460	1440	10400	4080	9330	9220	8770	6890	5990
22	1220	1260	1270	1430	1780	9910	3680	9710	9470	8820	6480	4500
23	1080	1400	1200	1420	3620	9500	4180	9960	8720	8670	6330	5060
24	977	1300	1170	1410	5250	9340	4770	10100	8130	8910	5740	5840
25	1470	1180	1720	1550	6130	12900	5020	10100	8130	8860	4250	6260
26	3600	1220	2950	2200	6580	18400	4780	10200	8230	8900	4870	6470
27	6060	1420	4270	2770	6130	20700	3420	10300	8270	8690	5620	6280
28	7790	1570	4890	3410	5410	19200	2400	10200	8260	8500	6080	4710
29	8720	1490	4510	3310	5080	16800	1980	10300	7780	8370	6580	3670
30	8540	1460	3820	2810	---	14200	1840	10200	6480	8230	6650	4940
31	6620	---	3720	2550	---	12300	---	10600	---	8150	6380	---
TOTAL	83480	46140	61450	80090	109360	308020	216020	260900	352650	263800	243330	149180
MEAN	2693	1538	1982	2584	3771	9936	7201	8416	11760	8510	7849	4973
MAX	8720	4510	4890	5010	7040	20700	11800	12700	22200	9420	10500	6470
MIN	937	1010	1170	1410	1330	4920	1840	1850	6480	6520	4250	1890
AC-FT	165600	91520	121900	158900	216900	611000	428500	517500	699500	523200	482600	295900
CAL YR 1975 TOTAL	4510700	MEAN	12360	MAX	40600	MIN	937	AC-FT	8947000			
WTR YR 1976 TOTAL	2174420	MEAN	5941	MAX	22200	MIN	937	AC-FT	4313000			

Crest-stage partial-record stations

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained, and discharge measurements may have been made for purposes of establishing the stage-discharge relation but these are not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual maximum discharge at crest-stage partial-record stations during water year 1976

Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Annual maximum		
					Date	Gage height (feet)	Dis-charge (cfs)
Pearl River basin							
02490113	Bogue Lusa Creek at State Highway 21, at Bogalusa, La.	Lat 30°46'52", long 89°51'07", Washington Parish, at bridge 1.4 miles (2.3 km) southeast of Bogalusa water tower.	75.9	1969-76	1- 3-76	81.26	(†)
02490130	Coburn Creek at Bogalusa, La.	Lat 30°47'46", long 89°50'46", Washington Parish, at bridge on State Highway 21, and 1.0 miles (1.6 km) southeast of Bogalusa water tower.	7.96	1969-76	4-14-75 1976	a6.08 <2.07	(†) (†)
02491200	Silver Creek near Clifton, La.	Lat 30°55'30", long 90°14'30", Washington Parish, at bridge on State Highway 38, and 3.6 miles (5.8 km) west of Clifton.	50.1	1966-76	2- 1-76	3.93	(†)
02491350	Hays Creek near Franklinton, La.	Lat 30°53'16", long 90°11'28", Washington Parish, at bridge on State Highway 25, and 3.4 miles (5.5 km) northwest of Franklinton water tower.	42.2	1966-76	1976	<8.63	(†)
02491700	Lawrence Creek near Franklinton, La.	Lat 30°50'55", long 90°06'55", Washington Parish, at bridge on State Highway 10, and 2.0 miles (3.2 km) east of Franklinton.	44.2	1964-76	1976	<6.51	(†)
Bayou Sara basin							
07373400	Little Bayou Sara near Turnbull, La.	Lat 30°58'15", long 91°28'50", West Feliciana Parish, at bridge on State Highway 968, and 1.2 miles (1.9 km) northwest of Turnbull.	22.3	1950-61, 1963-68 1974-76	1974 3-24-75 1976	*<15.71 *16.57 <15.71	(†) (†) (†)
Thompson Creek basin							
07373450	Thompson Creek at Jackson, La.	Lat 30°50'25", long 91°13'35", East Feliciana-West Feliciana Parish line, at bridge on State Highway 10, and 0.5 mile (0.8 km) west of Jackson.	99.3	1949-59, 1972-73, 1975-76	5- 8-75 1976	*86.04 <81.59	12,000 (†)
07373700	Thompson Creek near Starhill, La.	Lat 30°44'55", long 91°17'05", East Feliciana-West Feliciana Parish line at bridge on U.S. Highway 61, and 1.7 miles (2.7 km) southeast of Starhill.	249	1949-68, 1973, 1975-76	8- 3-75 3-25-76	*43.24 40.43	38,000 17,500
07373800	Alexander Creek near St. Francisville, La.	Lat 30°42'55", long 91°22'05", West Feliciana Parish, at bridge on State Highway 10, 1.0 mile (1.6 km) northeast of St. Francisville.	23.9	1953-68, 1971-73, 1975-76	7- 9-75 1976	*10.60 <8.59	4,900 (†)
Bayou Baton Rouge basin							
07373900	Bayou Baton Rouge above Baker, La.	Lat 30°37'20", long 91°12'35", East Baton Rouge Parish, at bridge on unnumbered parish road, and 3.4 miles (5.5 km) northwest of Baker.	13.7	1953-66 1975-76	1- 7-75 3-25-76	*19.40 18.23	1,720 1,290
Mississippi River Delta							
07375170	Bogue Falaya at Covington, La.	Lat 30°29'58", long 90°05'04", St. Tammany Parish, at bridge on State Highway 437, and 1.0 mile (1.6 km) northeast of Covington.	88.2	1964-76	1976	<6.15	(†)
07375222	Abita River north of Abita Springs, La.	Lat 30°28'55", long 90°02'20", St. Tammany Parish, at bridge on State Highway 36, and 0.2 mile (0.3 km) north of Abita Springs.	46.1	1966-76	2- 1-76	17.98	880
07375300	Tangipahoa River near Kentwood, La.	Lat 30°56'15", long 90°29'25", Tangipahoa Parish, at bridge on State Highway 38, and 1.1 miles (1.8 km) east of Kentwood.	296	1951-68, 1975-76	1976	<12.16	(†)
07375307	Terry's Creek near Kentwood, La.	Lat 30°57'23", long 90°30'13", Tangipahoa Parish, at bridge on U.S. Highway 51, and 5.1 miles (8.2 km) northeast of Kentwood.	52	1966-76	1976	<8.31	(†)

See footnotes at end of table.

Annual maximum discharge at crest-stage partial-record stations during water year 1976--Continued

Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Annual maximum	
						Gage height (feet)	Dis-charge (cfs)
Mississippi River Delta--Continued							
07375453	Lanier Creek near Loranger, La.	Lat 30°36'25", long 90°24'35", Tangipahoa Parish, at culvert on State Highway 442, and 2.3 miles (3.7 km) south of Loranger.	.83	1967-71, 1975-76	5-10-76	6.20	(†)
07375463	Chappeeela Creek near Husser, La.	Lat 30°39'35", long 90°18'45", Tangipahoa Parish, at bridge on State Highway 445, and 1.9 miles (3.1 km) southeast of Husser.	31.7	1966-76	1- 4-76	21.86	500
07375480	Chappeeela Creek southeast of Loranger, La.	Lat 30°36'22", long 90°19'56", Tangipahoa Parish, at bridge on State Highway 40, and 4.5 miles (7.2 km) southeast of Loranger.	91.0	1964-76	1- 4-76	7.00	1,520
07375600	Washley Creek near Robert, La.	Lat 30°30'20", long 90°18'30", Tangipahoa Parish, at bridge on U.S. Highway 190, and 2.0 miles (3.2 km) east of Robert.	25.3	1951-76	1976	<6.73	(†)
07375800	Tickfaw River at Liverpool, La.	Lat 30°55'47", long 90°40'41", St. Helena Parish, at bridge on State Highway 38, and 1.0 mile (1.6 km) north of Liverpool.	89.7	1956-68†, 1969-76	10-19-75	9.17	1,760
07375960	Tickfaw River at Montpelier, La.	Lat 30°41'10", long 90°38'35", St. Helena Parish, at bridge on State Highway 16, and 0.5 mile (0.8 km) northeast of Montpelier.	220	1951-68, 1975-76	1976	<99.16	(†)
07376285	Hickory Branch near Albany, La.	Lat 30°28'00", long 90°36'35", Livingston Parish, at culvert on unnumbered parish road, 2.3 miles (3.7 km) southeast of junction with State Highway 441, and 3.0 miles (4.8 km) southwest of Albany.	1.25	1966-71, 1975-76	5-13-76	11.44	(†)
07376290	Blood River near Springfield, La.	Lat 30°26'19", long 90°36'37", Livingston Parish, at bridge on State Highway 42, and 3.7 miles (6.0 km) northwest of Springfield.	26.6	1964-76	2- 6-76	14.07	1,160
07376520	Little Natalbany River at Albany, La.	Lat 30°30'15", long 90°34'40", Livingston Parish, at bridge on U.S. Highway 190, and 0.3 mile (0.5 km) east of Albany.	40.6	1966-76	3-25-76	20.57	1,680
07376600	Ponchatoula Creek at Natalbany, La.	Lat 30°33'40", long 90°28'55", Tangipahoa Parish, at bridge on U.S. Highway 51, and 1.0 mile (1.6 km) north of Natalbany.	13.8	1951-76	1- 3-76	7.42	620
07377190	Sandy Creek southeast of Clinton, La.	Lat 30°50'05", long 90°57'50", East Feliciana Parish, at bridge on State Highway 63, and 5.9 miles (9.5 km) southeast of Clinton.	17.2	1966-76	1- 4-76	9.35	(†)
07377210	Sandy Creek near Pride, La.	Lat 30°40'14", long 90°57'36", East Baton Rouge Parish, at bridge on Carlson Road, 0.8 mile (1.3 km) east of intersection of Carlson Road with State Highway 409, and 1.9 miles (3.1 km) southeast of Pride.	(b)	1976	3-25-76	14.52	(†)
07377300	Amite River at Magnolia, La.	Lat 30°32'05", long 90°58'50", East Baton Rouge Parish, at bridge on State Highway 64, and 0.4 mile (0.6 km) east of Magnolia.	884	1949-76	1976	<38.50	(†)
07377700	Redwood Creek near Slaughter, La.	Lat 30°43'44", long 91°06'54", East Feliciana Parish, at bridge on State Highway 412, and 2.0 miles (3.2 km) northeast of Slaughter.	41.1	1966-68†, 1969-76	3-25-76	15.72	1,740
07378070	Beaver Bayou near Fred, La.	Lat 30°37'32", long 91°03'08", East Baton Rouge Parish, at bridge on State Highway 964, 0.2 mile (0.3 km) southwest of intersection of State Highways 64 and 964, and 3.6 miles (5.8 km) southeast of Fred.	(b)	1975-76	7-26-75 1976	*12.40 <11.62	(†) (†)
07380160	Middle Colyell Creek near Walker, La.	Lat 30°29'45", long 90°50'30", Livingston Parish, at bridge on U.S. Highway 190, and 1.3 miles (2.1 km) east of Walker.	20.3	1951-76	1- 5-76	1.13	525
07381413	Intracoastal Waterway tributary near Port Allen, La.	Lat 30°26'42", long 91°13'53", West Baton Rouge Parish, on Interstate Highway 10, 0.2 mile (0.3 km) upstream from mouth, and 1.4 miles (2.3 km) southwest of Port Allen.	9.08	1971-76	5-10-76	7.35	(†)

† Discharge not determined.

< Less than amount shown.

* Not previously published.

a Corrected.

b Drainage area not determined.

Measurements at miscellaneous sites

Measurements of streamflow at points other than gaging stations are given in the following table.

Discharge measurements made at miscellaneous sites during water year 1976

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (cfs)
Mississippi River main stem						
Mississippi River	Gulf of Mexico	Lat 30°30'25", long 91°11'55", East Baton Rouge-West Baton Rouge Parish line, at bridge on U.S. Highway 190, at Baton Rouge, La.	a1,243,500	1941-58b, 1973-75	5-28-76 9-19-76	422,000 156,000
Mississippi River	Gulf of Mexico	Lat 29°51'42", long 89°58'32", Plaquemines Parish, at Belle Chase, La., 0.4 mile (0.6 km) upstream from Belle Chase ferry crossing, and at river mile 76.4 (122.9 km).	--	--	4-27-76 9-21-76	466,000 180,000
Do.....	do.....	Lat 29°17'03", long 89°21'16", Plaquemines Parish, at Venice, La., 0.1 mile (0.2 km) below mouth of Baptiste Collette Bayou, and at river mile 11.3 (18.2 km).	--	--	4-28-76	471,000
Grand Pass	do.....	Lat 29°16'15", long 89°21'02", Plaquemines Parish, at Venice, La., 500 ft (152 m) below diversion from Mississippi River.	--	--	4-28-76	21,300
Pass a'Loutre	do.....	Lat 29°09'01", long 89°14'31", Plaquemines Parish, at river mile 0.5 (0.8 km), below Head of Passes, and 2.2 miles (3.5 km) southeast of Pilottown, La.	--	--	4-29-76	126,000
South Pass	do.....	Lat 29°07'42", long 89°14'11", Plaquemines Parish, at river mile 1.0 (1.6 km), below Head of Passes, and 3.1 miles (5.0 km) southeast of Pilottown, La.	--	--	4-29-76	73,000
Southwest Pass	do.....	Lat 29°07'23", long 89°15'47", Plaquemines Parish, at river mile 2.0 (3.2 km), below Head of Passes, and 3.9 miles (6.3 km) south of Pilottown, La.	--	--	4-29-76	115,000
Mississippi River Delta						
Yellow Water River Canal	Ponchatoula Creek	Lat 30°30'27", long 90°30'18", Tangipahoa Parish, 0.3 mile (0.5 km) upstream from U.S. Highway 190, 2.3 miles (3.7 km) down- stream from Ponchatoula Creek, and 2.9 miles (4.7 km) northwest of Hammond, La.	--	--	12- 4-75 12- 5-75	2.03 2.92
Do.....	do.....	Lat 30°30'16", long 90°30'29", Tangipahoa Parish, at bridge on U.S. Highway 190, 1.5 miles (2.4 km) east of Baptist, La., and 2.6 miles (4.2 km) downstream from Ponchatoula Creek.	--	1951-53	12- 4-75 12- 5-75	3.29 3.65
Amite River	Lake Maurepas	Lat 30°44'10", long 90°50'30", East Feliciana-St. Helena Parish line, at bridge on State Highway 37, 0.1 mile (0.2 km) downstream from mouth of Lilley Creek, and 0.5 mile (0.8 km) southwest of Grangeville, La.	741	1968	4-18-73	c16,900

a Owing to interchange of flow between basins, drainage area arbitrarily determined.

b Operated as a continuous-record gaging station.

c Not previously published.

The following table contains annual maximum elevation for flood-profile stations. A flood-profile gage is a device which will register the peak elevation occurring between inspections. The date of the maximum elevation is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Where two or more sites on the same stream have annual peaks caused by different floods, all floods are listed for each site. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual maximum elevation at flood-profile partial-record stations during water year 1976

Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Flood peak Elevation (feet above mean sea level)
Pearl River basin						
02490109	Bogue Lusa Creek at State Highway 60, at Bogalusa, La.	Lat 30°46'59", long 89°51'52", Washington Parish, at bridge 1.1 miles (1.8 km) southeast of Bogalusa water tower.	75.0	1969-76	10-17-75	80.03
02490112	Bogue Lusa Creek at Richmond St., at Bogalusa, La.	Lat 30°46'53", long 89°51'18", Washington Parish, at bridge 1.3 miles (2.1 km) southeast of Bogalusa water tower.	75.7	1969-76	10-17-75	76.87
02490125	Coburn Creek at Van Buren St., at Bogalusa, La.	Lat 30°47'45", long 89°51'58", Washington Parish, at bridge 0.4 mile (0.6 km) southeast of Bogalusa water tower.	6.79	1969-76	10-17-75	†9.00
02490126	Coburn Creek at Memorial Dr., at Bogalusa, La.	Lat 30°47'44", long 89°51'33", Washington Parish, at bridge 0.3 mile (0.5 km) south of Bogalusa water tower.	6.95	1969-76	10-15-75	†14.80
02490127	Coburn Creek at Austin St., at Bogalusa, La.	Lat 30°47'37", long 89°51'33", Washington Parish, at bridge 0.4 mile (0.6 km) southeast of Bogalusa water tower.	7.10	1969-76	10-17-75	†14.17
02490129	Coburn Creek at Poplar St., at Bogalusa, La.	Lat 30°47'41", long 89°51'10", Washington Parish, at bridge 0.6 mile (1.0 km) southeast of Bogalusa water tower.	7.57	1969-76	10-15-75	†7.56
02490133	Coburn Creek at State Highway 10, at Bogalusa, La.	Lat 30°47'32", long 89°50'12", Washington Parish, at bridge, 1.6 miles (2.6 km) southeast of Bogalusa water tower.	8.70	1969-76	2- 1-76	†14.46
02491800	Bogue Chitto at Enon, La.	Lat 30°43'10", long 90°05'00", St. Tammany Parish, at bridge 0.5 mile (0.8 km) south of Enon.	1,107	1949-63, 1974-76	1976	†<10.25
02492663	French Branch near Slidell, La.	Lat 30°17'40", long 89°44'10", St. Tammany Parish, at bridge on State Highway 1092, and 3.5 miles (5.6 km) northeast of Slidell.	--	1966-76	2- 1-76	†10.01
Bayou Baton Rouge basin						
07373970	Baker Canal at Baker, La.	Lat 30°35'19", long 91°10'24", East Baton Rouge Parish, at bridge on parish road, 0.3 miles (0.5 km) west of Baker.	--	1962-76	3-25-76	66.39
07373980	Baker Canal near Baker, La.	Lat 30°34'49", long 91°12'43", East Baton Rouge Parish, at bridge on U.S. Highway 61, 2.7 miles (4.3 km) southwest of Baker.	--	1962-76	3-28-76	54.51
07373993	Monte Sano Bayou at Ryan Airport, at Baton Rouge, La.	Lat 30°32'08", long 91°09'92", East Baton Rouge Parish, at bridge on service road at Ryan Airport, 6.1 miles (9.8 km) north of Baton Rouge Post Office.	--	1975-76	3-25-76	57.59
07373996	Monte Sano Bayou at Baton Rouge, La.	Lat 30°30'10", long 91°10'12", East Baton Rouge Parish, at bridge on U.S. Highway 61 at Baton Rouge, La.	--	1975-76	3-25-76	42.66
Mississippi River Delta						
07374570	Oakes diversion channel at Slidell, La.	Lat 30°17'35", long 89°46'00", St. Tammany Parish, at culvert on Roberts Rd., 0.4 mile (0.6 km) north of Couss Rd., at Slidell.	--	1966-76	2- 1-76	6.99
07374700	Tchefuncta River near Franklinton, La.	Lat 30°45'22", long 90°15'52", Washington Parish, at bridge on State Highway 16, 9 miles (14.5 km) southwest of Franklinton.	53.1	1949-68, 1975-76	1976	<43.82
07375420	Tangipahoa River at Arcola, La.	Lat 30°46'36", long 90°29'53", Tangipahoa Parish, at bridge on State Highway 10, and 0.7 mile (1.1 km) east of Arcola.	381	1959-65, 1967-76	1976	<18.75

Annual maximum elevation at flood-profile partial-record stations during water year 1976--Continued

Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Flood peak	
					Date	Elevation (feet above mean sea level)
Mississippi River Delta--Continued						
07377150	Amite River at Grangeville, La.	Lat 30°44'10", long 90°50'30", East Feliciana- St. Helena Parish line, at bridge on State Highway 37, and 0.5 mile (0.8 km) southwest of Grangeville.	741	1951-63a, 1964-76	1976	<110.11
07377215	Little Sandy Creek near Milldale, La.	Lat 30°42'34", long 91°01'26", East Baton Rouge Parish, at bridge on Port Hudson-Pride Road, 2.9 miles (4.7 km) north of Milldale, La.	--	1975-76	3-26-76	+12.57
07377400	Comite River near Clinton, La.	Lat 30°51'30", long 91°02'20", East Feliciana Parish, at bridge on State Highway 10, and 1.3 miles (2.1 km) west of Clinton.	b112	1949-65a 1969-76	3-25-76	175.74
07377750	Comite River near Zachary, La.	Lat 30°38'35", long 91°05'40", East Baton Rouge Parish, at bridge on State Highway 64, and 3.7 miles (6.0 km) east of Zachary.	230	1951-63a, 1964-76	3-25-76	80.72
07377760	Comite River at Comite Drive, near Baton Rouge, La.	Lat 30°33'24", long 91°05'53", East Baton Rouge Parish, at bridge 9.0 miles (14.5 km) northeast of Baton Rouge Post Office.	--	1962-76	3-25-76	52.05
07377840	White Bayou near Baton Rouge, La.	Lat 30°35'06", long 91°07'31", East Baton Rouge Parish, at bridge on Plank Rd., 10.0 miles (16.1 km) northeast of Baton Rouge Post Office.	--	1962-76	1976	<68.56
07377890	Cypress Bayou at Baker, La.	Lat 30°34'31", long 91°10'01", East Baton Rouge Baton Rouge Parish, at bridge on Lavey Lane, 0.2 mile (0.3 km) east of State Highway 19 at Baker.	--	1967-76	1976	<67.49
07377900	Cypress Bayou at Plank Rd., near Baton Rouge, La.	Lat 30°32'32", long 91°08'18", East Baton Rouge Parish, at bridge 6.9 miles (11.1 km) northeast of Baton Rouge Post Office.	--	1962-65, 1967-76	3-25-76	51.49
07377920	Cypress Bayou at Hooper Rd., near Baton Rouge, La.	Lat 30°31'42", long 91°06'35", East Baton Rouge Parish, at bridge 7.0 miles (11.3 km) northeast of Baton Rouge Post Office.	--	1962-76	3-25-76	44.21
07377933	Blackwater Bayou near Fred, La.	Lat 30°35'52", long 91°04'46", East Baton Rouge Parish, at bridge on Dyer Rd., 3.8 miles (6.1 km) southeast of Fred.	--	1975-76	3-25-76	+10.00
07377940	Blackwater Bayou near Baton Rouge, La.	Lat 30°32'06", long 91°04'53", East Baton Rouge Parish, at bridge on Hooper Rd., 8.5 miles (13.7 km) northeast of Baton Rouge Post Office.	14.1	1962-76	1976	<50.43
07378008	Hurricane Creek at Baton Rouge, La.	Lat 30°28'55", long 91°07'41", East Baton Rouge Parish, at bridge on East Brookstown Dr., 3.9 miles (6.3 km) northeast of Baton Rouge Post Office.	--	1967-76	1976	<38.83
07378010	Hurricane Creek near Baton Rouge, La.	Lat 30°29'14", long 91°05'20", East Baton Rouge Parish, at bridge on Joor Rd., 6.2 miles (10.0 km) northeast of Baton Rouge Post Office.	--	1962-76	1976	<40.62
07378015	Roberts Canal at Baton Rouge, La.	Lat 30°30'22", long 91°07'31", East Baton Rouge Parish, at bridge on Silver Leaf Ave., 5.3 miles (8.5 km) northeast of Baton Rouge Post Office.	--	1967-76	1976	<47.31
07378020	Roberts Canal near Baton Rouge, La.	Lat 30°29'55", long 91°05'17", East Baton Rouge Parish, at bridge on Joor Rd., 6.6 miles (10.6 km) northeast of Baton Rouge Post Office.	--	1962-76	1976	<40.89
07378050	Comite River at Greenwell Springs Rd., near Baton Rouge, La.	Lat 30°30'20", long 91°02'24", East Baton Rouge Parish, at bridge 9.4 miles (15.1 km) north- east of Baton Rouge Post Office.	--	1962-76	3-25-76	36.24
07378075	Beaver Bayou at Denham Rd., near Baton Rouge, La.	Lat 30°35'15", long 91°01'29", East Baton Rouge Parish, at culvert 13.7 miles (22.0 km) northeast of Baton Rouge Post Office.	--	1973-76	3-26-76 7-12-76	+11.04 +11.87
07378100	Beaver Bayou at Wax Rd., near Baton Rouge, La.	Lat 30°32'34", long 91°01'14", East Baton Rouge Parish, at culvert 11.8 miles (19.0 km) northeast of Baton Rouge Post Office.	--	1972-76	3-26-76 7-12-76	+14.55 +12.38

Annual maximum elevation at flood-profile partial-record stations during water year 1976--Continued

Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Flood peak	
					Date	Elevation (feet above mean sea level)
Mississippi River Delta--Continued						
07378595	Jones Creek at Airline Hwy., at Baton Rouge, La.	Lat 30°27'12", long 91°05'15", East Baton Rouge Parish, at culvert 5.1 miles (8.2 km) northeast of Baton Rouge Post Office.	--	1967-76	10- 2-75 3-25-76	+5.33 +5.09
07378600	Jones Creek at Florida Blvd., at Baton Rouge, La.	Lat 30°27'21", long 91°04'29", East Baton Rouge Parish, at bridge 6.5 miles (10.5 km) east of Baton Rouge Post Office.	--	1962-76	10- 2-75 3-25-76	43.07 41.01
07378635	Lively Bayou northeast of Baton Rouge, La.	Lat 30°28'14", long 91°02'04", East Baton Rouge Parish, at bridge on Flannery Rd., 9.0 miles (14.5 km) northeast of Baton Rouge Post Office.	--	1967-76	10- 2-75 3-25-76	37.68 38.28
07378640	Lively Bayou east of Baton Rouge, La.	Lat 30°27'40", long 91°02'04", East Baton Rouge Parish, at bridge on Flannery Rd., 8.9 miles (14.3 km) east of Baton Rouge Post Office.	--	1967-76	10- 2-75 3-25-76	37.10 37.15
07378645	Lively Bayou southeast of Baton Rouge, La.	Lat 30°26'47", long 91°02'04", East Baton Rouge Parish, at bridge on Flannery Rd., 8.8 miles (14.2 km) southeast of Baton Rouge Post Office.	--	1967-76	10- 2-75 3-25-76	36.95 36.31
07378650	Jones Creek at Old Hammond Hwy., near Baton Rouge, La.	Lat 30°26'26", long 91°02'40", East Baton Rouge Parish, at bridge 8.4 miles (13.5 km) east of Baton Rouge Post Office.	--	1962-76	10- 2-75 3-25-76	36.86 35.64
07378670	Weiner Creek near Baton Rouge, La.	Lat 30°25'08", long 91°03'55", East Baton Rouge Parish, at bridge on Aubin Lane, 7.3 miles (11.7 km) southeast of Baton Rouge Post Office.	--	1967-76	3-25-76	+11.13
07378700	Jones Creek near Woodlawn School, near Baton Rouge, La.	Lat 30°24'50", long 91°00'50", East Baton Rouge Parish, at bridge on Jones Creek Rd., 1.6 miles (2.6 km) north of Woodlawn School, and 10.5 miles (16.9 km) east of Baton Rouge Post Office.	19.5	1967-76	10- 2-75 3-25-76	24.45 24.53
07378710	Amite River near Baton Rouge, La.	Lat 30°23'52", long 90°58'23", East Baton Rouge Parish, 0.2 mile (0.3 km) downstream from Jones Creek, and 13 miles (20.9 km) southeast of Baton Rouge Post Office	--	1968-76	10- 2-75	16.45
07378720	Clay Cut Bayou at Siegen Lane, near Baton Rouge, La.	Lat 30°23'46", long 91°03'20", East Baton Rouge Parish, at bridge 7.9 miles (12.7 km) southeast of Baton Rouge Post Office.	--	1967-76	3-25-76	26.40
07378725	Clay Cut Bayou near Hope Villa, La.	Lat 30°22'23", long 90°58'10", East Baton Rouge Parish, at bridge on Tiger Bend Rd., 2.3 miles (3.7 km) northeast of Hope Villa.	--	1967-76	3-25-76	16.44
07378780	Bayou Fountain at Ben Hur Rd., at Baton Rouge, La.	Lat 30°23'30", long 91°09'36", East Baton Rouge Parish, at bridge 4.2 miles (6.8 km) southeast of Baton Rouge Post Office.	--	1962-76	1976	<17.33
07378800	Bayou Fountain at Gardere Lane, near Baton Rouge, La.	Lat 30°21'52", long 91°07'16", East Baton Rouge Parish, at bridge 6.9 miles (11.1 km) southeast of Baton Rouge Post Office.	--	1962-66, 1969-76	3-25-76	13.98
07378805	Bayou Fountain tributary near Baton Rouge, La.	Lat 30°21'00", long 91°04'54", East Baton Rouge Parish, at culvert on Highland Rd., 9.1 miles (14.6 km) southeast of Baton Rouge Post Office.	--	1967-76	3-25-76	14.22
07379010	Ward Creek at College Drive at Baton Rouge, La.	Lat 30°26'08", long 91°07'59", East Baton Rouge Parish, at bridge 3.5 miles (5.6 km) southeast of Baton Rouge Post Office.	--	1967, 1969-76	5-10-76	36.32
07379050	Ward Creek at Essen Lane near Baton Rouge, La.	Lat 30°24'17", long 91°06'12", East Baton Rouge Parish, at bridge 5.7 miles (9.2 km) southeast of Baton Rouge Post Office.	--	1962-71, 1975-76	5-10-76	26.99
07379090	North Branch Ward Creek at Goodwood Blvd., at Baton Rouge, La.	Lat 30°26'34", long 91°05'57", East Baton Rouge Parish, at bridge 5.5 miles (8.9 km) southeast of Baton Rouge Post Office.	--	1967-76	5-10-76	39.48
07379100	North Branch Ward Creek at Baton Rouge, La.	Lat 30°25'04", long 91°05'29", East Baton Rouge Parish, at bridge on Jefferson Hwy., 5.9 miles (9.5 km) southeast of Baton Rouge Post Office.	--	1962-76	5-10-76	29.94

Annual maximum elevation at flood-profile partial-record stations during water year 1976--Continued

Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Flood peak Elevation (feet above mean sea level)
Mississippi River Delta--Continued						
07379400	Dawson Creek at Perkins Rd., at Baton Rouge, La.	Lat 30°24'37", long 91°07'53", East Baton Rouge Parish, 4.1 miles (6.6 km) southeast of Baton Rouge Post Office.	--	1962-76	5-10-76	22.28
07379502	Corporation Canal at Oklahoma St., at Baton Rouge, La.	Lat 30°26'05", long 91°11'12", East Baton Rouge Parish, at bridge 1.0 mile (1.6 km) south of Baton Rouge Post Office.	.56	1971-76	5-10-76	34.86
07379503	Corporation Canal at East Roosevelt St., at Baton Rouge, La.	Lat 30°25'18", long 91°10'36", East Baton Rouge Parish, at bridge 2.0 miles (3.2 km) southeast of Baton Rouge Post Office.	c1.31	1971-76	5-10-76	23.45
07379505	Corporation Canal at Chimes St., at Baton Rouge, La.	Lat 30°25'02", long 91°10'22", East Baton Rouge Parish, at bridge 2.4 miles (3.9 km) southeast of Baton Rouge Post Office.	c1.44	1971-76	5-10-76	18.82
07379507	Corporation Canal at Campus Drive, at Baton Rouge, La.	Lat 30°24'14", long 91°10'15", East Baton Rouge Parish, at bridge 2.7 miles (4.3 km) southeast of Baton Rouge Post Office.	c1.64	1971-76	5-10-76	27.67
07379508	Corporation Canal at Stanford Ave., at Baton Rouge, La.	Lat 30°24'24", long 91°09'52", East Baton Rouge Parish, at culvert 3.2 miles (5.1 km) southeast of Baton Rouge Post Office.	c2.43	1971-76	5-10-76	15.68
07379550	Bayou Duplanier at Lee Dr., at Baton Rouge, La.	Lat 30°24'05", long 91°09'09", East Baton Rouge Parish, at bridge 3.8 miles (6.1 km) south of Baton Rouge Post Office.	--	1962-76	5-10-76	19.36
07379950	Dawson Creek at Staring Lane, near Baton Rouge, La.	Lat 30°23'19", long 91°06'42", East Baton Rouge Parish, at bridge 6.0 miles (9.7 km) southeast of Baton Rouge Post Office.	--	1962-76	5-10-76	20.00
07380000	Ward Creek at Siegen Lane, near Baton Rouge, La.	Lat 30°22'30", long 91°04'10", East Baton Rouge Parish, at bridge 0.5 mile (0.8 km) downstream from Dawson Creek, and 8.5 miles (13.7 km) southeast of Baton Rouge Post Office.	40.0	1947-54d 1955-68a, 1972-76	5-10-76	18.78
07380223	New River at Gonzales, La.	Lat 30°14'12", long 90°54'43", Ascension Parish, at bridge on U.S. Highway 61, 0.5 mile (0.8 km) northeast of Gonzales water tower.	--	1963-76	1976	<7.79
07380226	Bayou Francois near Gonzales, La.	Lat 30°13'57", long 90°56'49", Ascension Parish, at bridge on State Highway 429, 1.8 miles (2.9 km) west of Gonzales water tower.	--	1963-76	1976	<14.62
07380227	Bayou Francois at Gonzales, La.	Lat 30°13'35", long 90°55'14", Ascension Parish, at bridge on State Highway 44, 0.4 mile (0.6 km) southwest of Gonzales water tower.	--	1963-76	1976	<11.21
Mermentau River basin						
08012445	Bayou Chene near Welsh, La.	Lat 30°09'24", long 92°46'06", Jefferson Davis Parish, at bridge on parish road, 6.0 miles (9.7 km) southeast of Welsh.	106	1969-76	3-26-76	†17.52

† Gage datum; mean sea level of gage not determined.

< Less than amount shown.

a Operated as a crest-stage partial-record station.

b Including Pretty Creek.

c Approximately.

d Operated as a continuous-record gaging station.

DREDGING OPERATIONS STUDY

The following water-quality data were collected in cooperation with the Corps of Engineers, during and after dredging operations, in Mississippi River Gulf Outlet, Mississippi River (including Southwest Pass), Barataria Bay Waterway, Intracoastal Waterway, Calcasieu River and Ship Channel, and several miscellaneous navigable waterways.

294936089360300 MISSISSIPPI RIVER GULF OUTLET (MILE 36.0) AT BAYOU LALOUTRE, NEAR HOPEDALE, LA (CE 86030)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 24...	1215	50	30	210	630	5200	200	100	0	1300	9800	.00
JULY 08...	1140	50	50	240	780	6100	240	107	0	1500	11000	.03

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 24...	.01	--	.06	.74	.34	.02	52	5	67	<1.0	3100	3000
JULY 08...	.02	.09	.07	--	.59	.27	3	1	20	1.0	3800	3700

DATE	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 24...	26000	7.8	0	9	8.5	800	2.0	10	<5	14	.00
JULY 08...	30100	7.7	5	6	7.0	210	1.9	<5	<5	4.9	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 24...	2	0	.00	.0	.00	.00	.00	.41	.00	.00	.00
JULY 08...	4	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 24...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 08...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

294936089360300 MISSISSIPPI RIVER GULF OUTLET (MILE 36.0) AT BAYOU LALOUTRE, NEAR HOPEDALE, LA (CE 86030)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 24...	.00	.00	.00	2	1	0	0	10	0	--
JULY 08...	.00	.00	.00	1	1	0	0	30	0	3

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 24...	9	0	0	.4	.3	0	0	30	30
JULY 08...	2	--	4	2.1	.2	0	0	--	40

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

294202089244800 MISSISSIPPI RIVER GULF OUTLET AT MILE 23.0, NEAR HOPEDALE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
DEC. 11...	1315	90	210	600	4800	210	100	0	1200	8300	.01
DATE	DIS-SOLVED NITRATE (N) (MG/L)	TOTAL NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL-DAHL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
DEC. 11...	.01	.00	.00	.61	.47	.05	.04	25	3	3000	2900
DATE	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
DEC. 11...	24200	7.8	20	6	250	1.4	10	11	9.2	.00	0
DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
DEC. 11...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00
DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)	
DEC. 11...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00	
DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	
DEC. 11...	.00	.00	.00	1	1	0	0	<10	0	2	
DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)		
DEC. 11...	2	0	0	.0	.0	3	0	10	10		

DREDGING OPERATIONS STUDY--Continued

294058089230500 MISSISSIPPI RIVER GULF OUTLET AT MILE 21.0, NEAR HOPEDALE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
DEC. 11...	1220	60	220	630	4700	200	97	0	1200	8400	.01

DATE	DIS-SOLVED NITRITE (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS) (MG/L)	PH (UNITS)	COLOR (PLATINUM-COBALT) (UNITS)
DEC. 11...	.01	.64	.05	.04	14	0	3100	3000	25100	7.8	5

DATE	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)
DEC. 11...	4	8.4	260	2.1	<5	<5	3.4	.00	2	0

DATE	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
DEC. 11...	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
DEC. 11...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
DEC. 11...	.00	.00	.00	1	1	0	0	40	0	4

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
DEC. 11...	4	0	0	.0	.0	4	0	30	10

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

294045089235100 MISSISSIPPI RIVER GULF OUTLET AT MILE 20.0 (BRETON SOUND), NEAR HOPEDALE, LA (CE 85880)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
JUNE 24...	1145	70	30	250	760	9200	240	125	0	1500	11000
JULY 08...	1105	50	50	280	850	7000	270	124	0	1600	13000

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)
JUNE 24...	.00	.01	.12	.54	.41	.16	55	4	70	<1.0	3800
JULY 08...	.01	.01	.09	--	.58	.28	9	2	27	<1.0	4200

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 24...	3700	30000	8.1	5	7	9.6	2.8	<5	<5	7.2	.00
JULY 08...	4100	33100	7.9	0	6	8.7	2.6	<5	<5	2.8	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 24...	0	0	.00	.0	.00	.00	.00	.02	.00	.00	.00
JULY 08...	3	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 24...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 08...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

294045089235100 MISSISSIPPI RIVER GULF OUTLET AT MILE 20.0 (BRETON SOUND), NEAR HOPEDALE, LA (CE 85880)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 24...	--	--	--	1	1	0	0	10	0	--
JULY 08...	.00	.00	.00	1	1	0	0	30	0	2

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 24...	12	0	0	.0	.0	0	0	30	30
JULY 08...	2	4	0	.2	.2	--	3	--	20

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

294000089213200 MISSISSIPPI RIVER GULF OUTLET AT MILE 19.2 (BRETON SOUND), NEAR HOPEDALE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)
JAN. 15...	1050	60	180	540	4600	180	129	0	1100	7900	.01	.00

DATE	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS) (MG/L)	PH (UNITS)
JAN. 15...	1.2	.75	.05	150	6	156	<1.0	2700	2600	22800	8.0

DATE	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)
JAN. 15...	5	50	9.5	230	3.1	<5	<5	8.0	.00	2	1

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JAN. 15...	.00	.00	.00	2	1	0	0	10	0	4

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JAN. 15...	0	0	0	.0	.0	10	0	40	20

DREDGING OPERATIONS STUDY--Continued

293927089204100 MISSISSIPPI RIVER GULF OUTLET AT MILE 18.2 (BRETON SOUND), NEAR HOPEDALE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
JAN. 15...	1020	50	170	550	4400	200	114	0	1100	8000	.01

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)
JAN. 15...	.00	1.7	1.5	.06	69	7	57	<1.0	2700	2600	23000

DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
JAN. 15...	7.6	10	20	8.0	310	2.6	<5	<5	5.4	.00	2

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
JAN. 15...	3	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JAN. 15...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)
JAN. 15...	.00	.00	.00	2	1	0	0	20	0

DATE	TOTAL COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JAN. 15...	1	0	3	0	.0	.0	3	0	20

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

293921089203100 MISSISSIPPI RIVER GULF OUTLET AT MILE 18.0 (BRETON SOUND), NEAR HOPEDALE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
DEC. 17...	1145	50	25	680	6400	250	126	0	1500	11000	.03
DATE	DIS-SOLVED NITRITE (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)
DEC. 17...	.00	1.2	.04	24	6	48	2900	2800	30900	7.9	15
DATE	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	
DEC. 17...	15	6.9	220	1.7	73	4	4.8	.00	0	0	
DATE	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)	
DEC. 17...	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00	
DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)	
DEC. 17...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00	
DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	
DEC. 17...	.00	.00	.00	2	1	0	0	<10	0	2	
DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)		
DEC. 17...	2	0	0	.0	.0	3	0	40	10		

DREDGING OPERATIONS STUDY--Continued

293758089195400 MISSISSIPPI RIVER GULF OUTLET AT MILE 15.0 (BRETON SOUND), NEAR HOPEDALE, LA (CE 85847)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 24...	1115	30	40	280	800	7000	260	129	0	1700	13000	.00
JULY 08...	1050	60	70	300	950	7900	300	130	0	1800	14000	.04

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 24...	.01	--	.09	.45	.42	.04	72	9	67	<1.0	4000	3900
JULY 08...	.01	.17	.07	.40	.40	.37	37	3	46	<1.0	4700	4600

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 24...	33000	8.2	0	6	8.6	550	2.7	<5	<5	7.2	.00
JULY 08...	36800	8.0	0	4	8.8	210	2.2	<5	<5	4.1	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 24...	2	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
JULY 08...	3	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 24...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 08...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

293758089195400 MISSISSIPPI RIVER GULF OUTLET AT MILE 15.0 (BRETON SOUND), NEAR HOPEDALE, LA (CE 85847)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 24...	.00	.00	.00	2	2	0	0	20	0	3
JULY 08...	.00	.00	.00	2	2	0	0	30	0	6

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 24...	3	0	0	.3	.0	3	0	30	30
JULY 08...	3	2	0	1.0	.1	5	2	40	40

DREDGING OPERATIONS STUDY--Continued

293716089182700 MISSISSIPPI RIVER GULF OUTLET AT MILE 14.2 (BRETON SOUND), NEAR HOPEDALE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
JAN. 15...	0950	60	220	640	5500	210	95	0	1300	9700	.01
DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)
JAN. 15...	.01	.21	.03	.26	13	10	13	<1.0	3200	3100	26600
DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
JAN. 15...	7.8	10	8	10.2	250	2.7	<5	<5	3.8	.00	1
DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
JAN. 15...	5	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00
DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)	
JAN. 15...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	
JAN. 15...	.00	.00	.00	1	0	0	0	20	0	1	
DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)		
JAN. 15...	0	4	2	.0	.0	2	0	30	10		

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

293608089164900 MISSISSIPPI RIVER GULF OUTLET AT MILE 12.1 (BRETON SOUND), NEAR HOPEDALE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
JAN. 29...	1200	50	260	760	6500	230	112	0	1600	11000	.00

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)
JAN. 29...	.01	.97	.65	.07	29	11	37	<1.0	3800	3700	31200

DATE	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)
JAN. 29...	7.8	12.2	370	6.4	2900	300	5.0	.00	6	0

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JAN. 29...	.10	.02	.00	1	0	0	0	30	0	3

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JAN. 29...	0	2	0	.1	.1	6	0	40	20

DREDGING OPERATIONS STUDY--Continued

293605089164400 MISSISSIPPI RIVER GULF OUTLET AT MILE 12.0 (BRETON SOUND), NEAR HOPEDALE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HC03) (MG/L)	CAR- BONATE (C03) (MG/L)	DIS- SOLVED SULFATE (S04) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED NITRATE (N) (MG/L)
MAR. 10...	1110	40	10	260	800	6800	270	120	0	1700	12000	.02

DATE	DIS- SOLVED NITRITE (N) (MG/L)	TOTAL AMMONIA NITRO- GEN (N) (MG/L)	DIS- SOLVED AMMONIA NITRO- GEN (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	DIS- SOLVED KJEL- DAHL NITRO- GEN (N) (MG/L)	DIS- SOL- VED- PHOS- PHORUS (P) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDE SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)
MAR. 10...	.01	.10	.10	.34	.42	.04	85	4	65	<1.0	3900	3800

DATE	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR. 10...	32100	8.0	15	9	8.8	390	2.2	20	<5	1.4	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
MAR. 10...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
MAR. 10...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
MAR. 10...	.00	.00	.00	0	0	0	0	20	0	2

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
MAR. 10...	2	0	0	.0	.0	0	0	10	10

DREDGING OPERATIONS STUDY--Continued

293523089154400 MISSISSIPPI RIVER GULF OUTLET AT MILE 10.7 (BRETON SOUND), NEAR HOPEDALE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)
FEB. 12...	1350	70	270	800	6700	260	123	0	1600	12000	.02	.01
25...	1235	80	260	820	7200	260	124	0	1800	13000	.01	.01

DATE	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (L/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
FEB. 12...	--	--	.50	.35	.03	15	13	28	<1.0	4000	3900
25...	.09	.05	.45	.21	.03	29	2	35	<1.0	4000	3900

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
FEB. 12...	31800	7.9	5	5	9.6	370	2.8	<5	7	3.0	.00
25...	33800	8.1	5	6	9.6	360	2.7	<5	<5	5.8	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
FEB. 12...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
25...	4	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
FEB. 12...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
25...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

293523089154400 MISSISSIPPI RIVER GULF OUTLET AT MILE 10.7 (BRETON SOUND), NEAR HOPEDALE, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB.										
12...	.00	.00	.00	0	0	1	1	<10	0	3
25...	.00	.00	.00	1	0	1	1	<10	0	2

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB.									
12...	1	0	0	.0	.0	7	0	30	0
25...	2	0	0	.2	.0	0	0	40	10

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

293515089155800 MISSISSIPPI RIVER GULF OUTLET AT MILE 10.0 (BRETON SOUND), NEAR HOPEDALE, LA (CE 85867)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 24...	1100	20	90	280	850	7000	270	140	0	1800	13000	.03
JULY 08...	1035	60	50	330	1000	8600	350	137	0	1900	16000	.01

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 24...	.01	.13	.10	.59	.42	.03	53	7	82	<1.0	4200	4100
JULY 08...	.01	--	.15	--	.54	.31	3	2	25	<1.0	4900	4800

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 24...	33000	8.3	0	3	10.2	880	2.4	17	<5	5.8	.00
JULY 08...	39900	8.1	5	5	9.7	380	2.9	<5	<5	4.4	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 24...	8	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
JULY 08...	4	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 24...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 08...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

293515089155800 MISSISSIPPI RIVER GULF OUTLET AT MILE 10.0 (BRETON SOUND), NEAR HOPEDALE, LA (CE 85867)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 24...	.00	.00	.00	2	2	0	0	20	0	--
JULY 08...	.00	.00	.00	2	2	0	0	40	0	3

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 24...	3	0	0	.1	.1	0	0	60	40
JULY 08...	2	2	0	.5	.4	0	0	50	20

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

293235089114500 MISSISSIPPI RIVER GULF OUTLET AT MILE 5.5 (BRETON SOUND), NEAR HOPEDALE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PHOSPHORUS (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
APR. 29...	1030	20	50	280	840	7700	280	184	0	1500	15000	.04

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
APR. 29...	.01	.08	.06	.43	.29	.01	31	1	59	<1.0	4200	4000

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
APR. 29...	33700	7.4	5	1	8.9	28	1.1	<5	<5	4.9	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
APR. 29...	4	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
APR. 29...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
APR. 29...	.00	.00	.00	1	0	0	0	10	0	3

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
APR. 29...	2	4	0	.0	.0	6	0	20	0

DREDGING OPERATIONS STUDY--Continued

293233089121300 MISSISSIPPI RIVER GULF OUTLET AT MILE 5.0 (BRETON SOUND), NEAR HOPEDALE, LA (CE 85866)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 24...	1045	40	70	290	880	7200	280	131	3	1800	13000	.00
JULY 08...	1020	60	50	340	1100	8800	320	136	0	1900	16000	.04

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 24...	.01	--	.09	.20	.20	.04	10	1	13	<1.0	4300	4200
JULY 08...	.00	.11	.11	--	.51	.27	3	1	13	<1.0	5400	5300

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 24...	34000	8.4	0	1	9.9	610	3.3	<5	<5	6.8	.00
JULY 08...	39700	8.1	0	5	9.5	600	3.1	<5	<5	2.8	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 24...	10	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
JULY 08...	3	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 24...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 08...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

293233089121300 MISSISSIPPI RIVER GULF OUTLET AT MILE 5.0 (BRETON SOUND), NEAR HOPEDALE, LA (CE 85866)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
JUNE 24...	.00	.00	.00	2	1	0	0	40	0
JULY 08...	.00	.00	.00	1	1	0	0	40	0

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 24...	--	2	--	3	.4	.0	5	0	40
JULY 08...	2	2	2	0	.5	.2	0	0	50

DREDGING OPERATIONS STUDY--Continued

293115089095400 MISSISSIPPI RIVER GULF OUTLET AT MILE 4.2 (BRETON SOUND), NEAR HOPEDALE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	
APR. 22...	1045	90	50	280	900	7000	270	124	0	1800	14000	
DATE		DIS-SOLVED NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)
APR. 22...		.16	.02	.14	.08	.56	.39	.01	135	21	146	<1.0
DATE		HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOLOGICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
APR. 22...		4400	4300	33000	8.3	5	25	8.3	350	1.6	5.2	.00
DATE		PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
APR. 22...		1	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
DATE		TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
APR. 22...		.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
DATE		TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	
APR. 22...		.00	.00	.00	1	1	0	0	20	0	4	
DATE		DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)		
APR. 22...		1	0	0	.0	.0	0	0	30	0		

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

293115089095400 MISSISSIPPI RIVER GULF OUTLET AT MILE 3.0 (BRETON SOUND), NEAR HOPEDALE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
APR. 02...	1035	70	30	260	800	6800	260	128	0	1700	13000	.05

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
APR. 02...	.01	.05	.06	.50	.38	.03	140	0	162	<1.0	3900	3800

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
APR. 02...	32200	8.2	5	5	11.4	250	6.3	<5	<5	5.0	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
APR. 02...	4	1	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
APR. 02...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
APR. 02...	.07	.00	.00	1	0	0	0	30	0	0

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
APR. 02...	0	0	0	.0	.0	4	0	30	10

DREDGING OPERATIONS STUDY--Continued

293105089093500 MISSISSIPPI RIVER GULF OUTLET AT MILE 2.7 (BRETON SOUND), NEAR HOPEDALE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
FEB. 12...	1320	70	280	830	7000	280	126	0	1700	12000	.04

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)
FEB. 12...	.01	.41	.23	.02	12	2	21	<1.0	4100	4000	34000

DATE	PH (UNITS)	COLOR (PLAT-INUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
FEB. 12...	8.0	5	3	10.0	390	1.2	10	<5	2.4	.00	3

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
FEB. 12...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
FEB. 12...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB. 12...	.00	.00	.00	1	0	1	0	10	0	2

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
FEB. 12...	0	0	0	.0	.0	3	0	50	0

DREDGING OPERATIONS STUDY--Continued

292943089073500 MISSISSIPPI RIVER GULF OUTLET AT MILE 0.0 (BRETON SOUND), NEAR HOPEDALE, LA (CE 85865)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
FEB. 25...	1140	70	--	330	1000	8300	310	136	0	2100	15000	--
MAR. 10...	1025	60	--	340	1000	8800	330	137	0	2200	16000	--
JUNE 24...	1030	40	50	320	970	8200	320	136	0	1900	15000	.04
JULY 08...	1005	70	50	340	1100	8800	350	135	0	2000	15000	.02

DATE	DIS-SOLVED NITRATE (N) (MG/L)	TOTAL NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)
FEB. 25...	.01	--	.01	.07	.07	.19	.17	.03	39	3	34	<1.0
MAR. 10...	.04	--	.01	.12	.11	--	.31	.03	86	11	110	<1.0
JUNE 24...	--	.01	--	.12	.07	.48	.40	.03	38	8	37	<1.0
JULY 08...	--	.01	--	.20	.11	--	.39	.27	6	2	13	<1.0

DATE	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
FEB. 25...	4900	4800	39400	8.2	10	4	10.0	490	2.8	<5	<5	2.2
MAR. 10...	5000	4900	40200	8.1	15	3	9.0	480	3.8	10	<5	1.2
JUNE 24...	4800	4700	39000	8.2	0	3	9.3	840	3.2	<5	<5	7.0
JULY 08...	5400	5300	39700	8.1	0	4	9.6	140	3.0	<5	<5	2.4

DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
FEB. 25...	.00	4	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
MAR. 10...	.00	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
JUNE 24...	.00	3	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
JULY 08...	.00	4	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DREDGING OPERATIONS STUDY--Continued

292943089073500 MISSISSIPPI RIVER GULF OUTLET AT MILE 0.0 (BRETON SOUND), NEAR HOPEDALE, LA (CE 85865)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
FEB. 25...	.00	.00	.00	.01	.00	.00	.00	.0	.00	0	.00
MAR. 10...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JUNE 24...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 08...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB. 25...	.00	.00	.00	1	1	1	0	50	0	3
MAR. 10...	.00	.00	.00	0	0	0	0	30	0	1
JUNE 24...	.00	.00	.00	1	1	0	0	40	0	--
JULY 08...	.00	.00	.00	1	1	0	0	40	0	--

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB. 25...	3	0	0	.6	.6	3	0	60	20
MAR. 10...	0	0	0	.0	.0	0	0	20	20
JUNE 24...	8	3	3	.2	.0	0	0	40	20
JULY 08...	4	0	0	.7	.7	0	0	50	40

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

292730089032200 MISSISSIPPI RIVER GULF OUTLET AT MILE -5.0 (BRETON SOUND), NEAR HOPEDALE, LA (CE 85852)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 24...	0925	100	70	340	980	8300	330	137	0	2000	16000	.01
JULY 08...	0945	60	60	350	1100	8800	350	133	0	1900	16000	.07

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED VEDOPHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 24...	.01	.06	.05	.29	.29	.06	29	3	30	<1.0	4900	4800
JULY 08...	.01	.18	.09	.22	.16	.27	37	8	30	<1.0	5400	5300

DATE	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 24...	39200	8.3	0	1	8.7	450	1.9	<5	<5	9.5	.00
JULY 08...	39900	8.2	5	2	10.4	730	2.6	<5	<5	2.8	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 24...	2	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
JULY 08...	5	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 24...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 08...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

292730089032200 MISSISSIPPI RIVER GULF OUTLET AT MILE -5.0 (BRETON SOUND), NEAR HOPEDALE, LA (CE 85852)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
JUNE 24...	.00	.00	.00	2	1	0	0	40	0
JULY 08...	.00	.00	.00	1	1	--	1	30	0

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 24...	--	3	0	0	.2	.0	0	0	40
JULY 08...	0	0	0	0	.7	.7	0	0	50

DREDGING OPERATIONS STUDY--Continued

292534089593500 MISSISSIPPI RIVER GULF OUTLET AT MILE -9.38 (BRETON SOUTH), NEAR HOPEDALE, LA (CE 85882)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 24...	1000	110	70	330	990	8000	320	136	0	2000	15000	.04
JULY 08...	0930	60	70	350	1200	9000	360	132	0	2000	16000	.02

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 24...	.01	.07	.07	.33	.24	.10	9	2	7	<1.0	4900	4800
JULY 08...	.01	.13	.13	--	.19	.26	25	7	34	<1.0	5800	5700

DATE	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM PER 100 ML	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 24...	38000	8.2	0	2	9.7	740	2.3	<5	--	6.5	.00
JULY 08...	40800	8.0	0	2	10.3	660	2.5	<5	<5	2.6	--

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIALAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 24...	5	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
JULY 08...	4	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 24...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 08...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

292534089593500 MISSISSIPPI RIVER GULF OUTLET AT MILE -9.38 (BRETON SOUTH), NEAR HOPEDALE, LA (CE 85882)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 24...	.00	.00	.00	2	0	0	0	40	0	0
JULY 08...	.00	.00	.00	1	1	1	0	40	0	0

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 24...	--	--	7	.2	.0	5	0	40	40
JULY 08...	0	2	0	.3	.2	0	0	50	50

DREDGING OPERATIONS STUDY--Continued

295443090060300 MISSISSIPPI RIVER AT MILE 99.2 (NAPOLEON AVENUE WHARF), AT NEW ORLEANS, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
FEB.												
05...	1145	10	36	10	--	--	116	0	44	22	1.1	--
11...	1225	40	35	9.4	15	2.2	106	0	46	16	--	.99
18...	1225	10	37	9.8	17	2.4	109	0	46	22	--	1.1
24...	1030	20	39	13	--	3.1	121	0	51	--	--	1.1

DATE	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)
FEB.												
05...	.01	--	--	--	--	.49	.11	--	--	--	156	<1.0
11...	.03	.01	--	--	.80	.45	.26	.09	172	20	150	<1.0
18...	--	.01	--	--	1.6	.76	--	.16	138	10	144	<1.0
24...	--	.02	.02	.00	--	1.4	--	.07	57	13	53	<1.0

DATE	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
FEB.												
05...	130	35	352	7.9	10	60	10.2	15	1.2	5100	200	5.8
11...	130	43	321	7.9	20	70	11.4	10	3.1	1500	120	6.4
18...	130	43	346	8.1	35	50	10.8	20	2.5	660	100	4.2
24...	150	51	--	8.1	25	45	9.9	5	2.5	1100	120	6.4

DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
FEB.												
05...	.00	16	0	.00	.0	.00	.00	.02	.00	.00	.00	.00
11...	.00	1	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
18...	.00	18	0	.00	.0	.00	.00	.00	.02	.00	.00	.00
24...	.00	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRIETHION (UG/L)	TOTAL PARAETHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
FEB.											
05...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
11...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
18...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
24...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

295443090060300 MISSISSIPPI RIVER AT MILE 99.2 (NAPOLEON AVENUE WHARF), AT NEW ORLEANS, LA--Continued

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB.										
05...	.07	.03	.00	4	0	0	0	<10	0	9
11...	.08	.04	.00	3	1	0	0	10	0	7
18...	.08	.04	.00	4	1	0	0	<10	0	10
24...	.14	.03	.00	3	1	0	0	<10	0	5

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB.									
05...	0	0	0	.0	.0	14	0	20	0
11...	1	6	0	.0	.0	3	0	40	0
18...	5	0	0	.2	.2	9	0	40	0
24...	3	6	0	.0	.0	0	0	20	10

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

295446090056000 MISSISSIPPI RIVER AT MILE 99.0 (MILAN STREET WHARF), AT NEW ORLEANS, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
OCT.												
24...	0900	0	--	41	12	25	3.1	122	0	67	21	.62
29...	0915	20	--	40	12	25	3.0	117	0	68	19	.69
MAY												
04...	0840	0	0	41	13	25	2.7	130	0	49	33	1.2
11...	0925	10	0	41	13	21	2.9	132	0	50	23	1.4

DATE	DIS-SOLVED NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)
OCT.												
24...	.01	--	--	.55	.41	--	.13	33	16	33	--	150
29...	.00	--	--	--	.45	--	.11	21	8	21	--	150
MAY												
04...	.01	.03	.01	.73	.73	--	.06	97	22	85	<1.0	160
11...	.01	--	.04	.83	.65	.28	.10	129	12	105	<1.0	160

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
OCT.												
24...	50	420	7.8	20	25	7.3	14	1.1	220	--	5.0	.00
29...	54	399	7.8	15	15	7.2	10	1.4	540	59	3.3	.00
MAY												
04...	53	414	7.9	15	45	7.9	6	1.0	2000	120	5.0	.00
11...	52	395	8.2	15	70	8.3	17	1.4	2500	<5	30	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
OCT.											
24...	0	0	.00	.0	.00	.00	.00	.02	.00	.00	.00
29...	0	2	.00	<.1	.00	.00	.00	.01	<.01	.02	.00
MAY											
04...	6	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
11...	16	0	.00	.0	.00	.00	.00	.01	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
OCT.											
24...	.00	.00	.00	.00	.01	.00	.00	.0	.00	0	.00
29...	.00	.00	.00	.00	.02	.00	.00	.0	.00	0	.00
MAY											
04...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
11...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

295446090056000 MISSISSIPPI RIVER AT MILE 99.0 MILAN STREET WHARF), AT NEW ORLEANS, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)
OCT.												
24...	.06	.00	.00	2	2	0	0	<10	0	8	6	8
29...	.06	.00	.00	1	1	0	0	<10	0	3	2	0
MAY												
04...	.00	.00	.00	2	1	0	0	10	0	9	9	7
11...	.04	.00	.00	5	1	0	0	10	0	11	8	5

DATE	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.							
24...	2	.0	.0	20	0	40	0
29...	0	.4	.4	0	0	30	0
MAY							
04...	0	.1	.1	8	0	20	0
11...	0	.1	.0	14	0	30	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

295438090050700 HARVEY LOCK FOREBAY (MISSISSIPPI RIVER MILE 98.7), AT HARVEY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
FEB.												
05...	1125	40	38	10	--	--	120	0	45	21	.97	--
11...	1205	0	34	9.3	14	2.2	105	0	43	17	.98	.99
18...	1205	0	38	9.8	19	2.4	108	0	49	24	--	1.1
24...	1015	10	39	12	30	2.8	122	0	50	43	--	1.1

DATE	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)
FEB.												
05...	.03	--	--	--	.54	.28	--	--	--	156	<1.0	140
11...	.02	.01	--	.62	.40	.27	.09	62	8	66	<1.0	120
18...	--	.01	--	.61	.45	--	.10	98	5	78	<1.0	140
24...	--	.02	.11	.81	.75	--	.07	41	8	41	<1.0	150

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
FEB.												
05...	42	348	7.8	15	60	11.0	10	3.3	4600	--	7.3	.00
11...	34	324	7.9	20	50	11.4	10	2.7	1700	--	4.0	.00
18...	47	352	7.9	25	45	10.9	25	2.2	790	<5	4.6	.00
24...	50	436	8.1	20	35	10.0	5	2.4	1000	200	6.8	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIALAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
FEB.											
05...	4	0	.00	.0	.00	.00	.02	.00	.00	.00	.00
11...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
18...	7	5	.00	.0	.00	.00	.00	.03	.00	.00	.00
24...	4	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL TRIETHION (UG/L)	TOTAL PARAETHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
FEB.										
05...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
11...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
18...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
24...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

295438090050700 HARVEY LOCK FOREBAY (MISSISSIPPI RIVER MILE 98.7), AT HARVEY, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB.										
05...	.00	.00	.00	3	1	0	0	20	0	6
11...	.08	.03	.00	2	1	0	0	<10	0	4
18...	.04	.02	.00	3	1	--	3	<10	0	5
24...	.12	.02	.00	2	1	0	0	50	0	5

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB.									
05...	2	9	0	.0	.0	10	0	30	10
11...	1	0	0	.0	.0	0	0	20	0
18...	5	3	0	.0	.0	17	0	40	0
24...	3	6	0	.0	.0	0	0	10	0

DREDGING OPERATIONS STUDY--Continued

295500090050700 MISSISSIPPI RIVER AT MILE 98.6 (LOUISIANA AVENUE WHARF), AT NEW ORLEANS, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL- CIUM (CA) (MG/L)	DIS-SOLVED MAG- NESIUM (MG)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
OCT. 21...	0930	10	45	14	29	3.2	128	0	77	25	--	.76
FEB. 05...	1135	30	36	10	--	--	118	0	43	19	.97	--
11...	1215	10	34	9.3	14	2.3	107	0	44	17	.97	.99
18...	1215	60	37	10	21	2.6	107	0	52	29	--	1.1
24...	1020	0	39	11	20	2.4	124	0	49	22	--	1.1

DATE	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	AMMONIA NITRO- GEN (N) (MG/L)	DIS-SOLVED AMMONIA NITRO- GEN (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	DIS-SOLVED KJEL- DAHL NITRO- GEN (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS-SOLVED PHOS- PHORUS (P) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDE SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)
OCT. 21...	--	.00	--	--	.46	.33	--	.10	35	6	35	--
FEB. 05...	.03	--	--	--	--	.63	.24	--	--	--	110	<1.0
11...	.03	.01	--	--	--	.74	.23	.11	160	21	154	<1.0
18...	--	.01	--	--	--	.67	--	.16	86	8	74	<1.0
24...	--	.03	.08	.04	--	.69	--	.05	56	12	43	<1.0

DATE	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 21...	170	65	431	8.0	15	20	8.0	12	1.5	700	--	6.6
FEB. 05...	130	33	343	7.8	10	60	10.6	20	2.7	3500	100	4.0
11...	120	32	324	7.8	20	50	11.4	10	2.9	1700	210	6.8
18...	130	42	350	8.1	25	45	10.8	15	2.3	860	110	3.6
24...	140	41	369	8.2	25	40	10.4	5	3.1	970	180	6.2

DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
OCT. 21...	.00	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
FEB. 05...	.00	20	0	.00	.0	.00	.00	.01	.00	.00	.00	.00
11...	.00	7	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
18...	.00	4	0	.00	.0	.00	.00	.01	.02	.00	.00	.00
24...	.00	9	0	.00	.0	.00	.00	.01	.02	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
OCT. 21...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
FEB. 05...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
11...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
18...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
24...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

295500090050700 MISSISSIPPI RIVER AT MILE 98.6 (LOUISIANA AVENUE WHARF), AT NEW ORLEANS, LA--Continued

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
OCT. 21...	.03	.00	.00	2	1	1	0	<10	0	6
FEB. 05...	.06	.02	.00	2	0	0	0	<10	0	4
11...	.08	.03	.00	3	1	0	0	<10	0	8
18...	.08	.04	.00	3	1	1	1	10	0	8
24...	.14	.03	.00	3	1	1	0	100	0	5

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT. 21...	6	4	0	.0	.0	5	0	40	0
FEB. 05...	2	0	0	.0	.0	11	0	20	0
11...	7	6	0	.0	.0	0	0	40	0
18...	8	0	0	.1	.1	8	0	30	0
24...	5	7	0	.0	.0	0	0	10	10

DREDGING OPERATIONS STUDY--Continued

295510090043300 MISSISSIPPI RIVER AT MILE 97.6 (FIRST STREET WHARF), AT NEW ORLEANS, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
APR. 13...	0850	40	10	36	10	14	2.4	105	0	45	16	1.4
DATE	DIS-SOLVED NITRITE (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	
APR. 13...	.03	1.0	2.3	1.6	.11	93	0	71	<1.0	130	44	
DATE	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	
APR. 13...	311	7.9	5	55	8.8	7	5.6	420	230	11	.00	
DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	
APR. 13...	6	0	.00	.0	.00	.00	.00	.01	.00	.00	.00	
DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)	
APR. 13...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00	
DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)		
APR. 13...	.04	.00	.00	3	1	0	0	20	0	9		
DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)			
APR. 13...	4	5	0	.0	.0	6	0	20	0			

DREDGING OPERATIONS STUDY--Continued

295552090034200 MISSISSIPPI RIVER AT MILE 96.2 (ORANGE STREET WHARF), AT NEW ORLEANS, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	
APR. 06...	0930	40	0	36	11	16	2.6	112	0	46	19	
DATE	TIME	DIS-SOLVED NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
APR. 06...	1.7	.01	.05	.75	.07	.99	15	77	<1.0	140	48	
DATE	TIME	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
APR. 06...	338	8.0	5	50	8.4	10	2.0	1300	220	4.2	.00	
DATE	TIME	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
APR. 06...	1	1	.00	.0	.00	.00	.00	.00	.00	.01	.00	.00
DATE	TIME	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)	
APR. 06...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00	
DATE	TIME	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	
APR. 06...	.06	.00	.00	.00	2	1	0	0	10	0	8	
DATE	TIME	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)		
APR. 06...	4	7	0	.1	.0	10	0	40	0			

DREDGING OPERATIONS STUDY--Continued

295605090033800 MISSISSIPPI RIVER AT MILE 96.0 (ROBIN STREET WHARF), AT NEW ORLEANS, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
OCT. 09...	1400	0	--	44	13	28	3.3	120	0	73	26	--
NOV. 20...	1000	20	--	--	--	--	--	132	0	--	33	--
APR. 27...	0915	0	10	43	13	21	2.8	167	0	50	22	--
MAY 19...	0940	30	10	44	14	35	3.8	121	0	47	--	2.2

DATE	DIS- SOLVED NITRATE (N) (MG/L)	TOTAL NITRATE (N) (MG/L)	DIS- SOLVED NITRITE (N) (MG/L)	DIS- SOLVED AMMONIA NITRO- GEN (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	DIS- SOLVED KJEL- DAHL NITRO- GEN (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS- SOL- VED- PHOS- PHORUS (P) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDED SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)
OCT. 09...	.90	--	.00	--	--	.35	--	.10	--	--	58	--
NOV. 20...	.78	.01	.01	--	.88	.46	.20	.12	31	0	43	--
APR. 27...	1.4	--	.01	.02	.68	.37	--	.08	120	5	128	<1.0
MAY 19...	--	.01	--	.04	.91	.75	--	.11	120	8	120	<1.0

DATE	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 09...	160	62	441	8.0	5	30	7.3	10	2.9	1000	78	3.8
NOV. 20...	150	42	420	7.8	10	25	8.2	10	.2	800	120	6.6
APR. 27...	160	23	392	7.2	10	55	8.0	3	2.5	350	56	9.8
MAY 19...	155	68	489	8.2	15	60	7.9	23	1.1	1400	80	8.1

DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDU (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
OCT. 09...	.00	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
NOV. 20...	--	0	2	.00	.0	.00	.00	.00	.00	.01	.01	.00
APR. 27...	.00	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
MAY 19...	--	4	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DREDGING OPERATIONS STUDY--Continued

295605090033800 MISSISSIPPI RIVER AT MILE 96.0 (ROBIN STREET WHARF), AT NEW ORLEANS, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
OCT. 09...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
NOV. 20...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
APR. 27...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
MAY 19...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
OCT. 09...	--	--	--	2	1	0	0	<10	--	4
NOV. 20...	.03	.00	.00	2	1	0	0	<10	0	4
APR. 27...	.00	.00	.00	4	1	0	0	<10	0	8
MAY 19...	.06	.00	.00	4	1	0	0	10	0	10

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT. 09...	3	5	0	.1	.0	5	0	20	10
NOV. 20...	4	3	0	.0	.0	4	0	50	20
APR. 27...	3	13	0	.1	.0	14	0	30	0
MAY 19...	7	9	0	--	.4	8	0	70	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

295620090033800 MISSISSIPPI RIVER AT MILE 95.7 (ERATA STREET WHARF), AT NEW ORLEANS, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL- CIUM (CA) (MG/L)	DIS-SOLVED MAG- NE- SIUM (MG)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO- RIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
NOV. 25...	1200	20	43	13	29	3.8	130	0	66	24	.68

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	DIS-SOLVED KJEL- NITRO- GEN (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS-SOLVED PHOS- PHORUS (P) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	HARD- NESS (CA+MG) (MG/L)	N N- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)
NOV. 25...	.01	.79	.43	.20	.13	60	0	160	58	465	7.7

DATE	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)
NOV. 25...	10	25	9.1	16	1.5	1900	190	8.2	.00	7	1

DATE	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
NOV. 25...	.01	.0	.00	.00	.00	.01	.01	.01	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
NOV. 25...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS-SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
NOV. 25...	.05	.01	.00	2	1	0	0	<10	0	8

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
NOV. 25...	8	7	0	.0	.0	0	0	40	10

DREDGING OPERATIONS STUDY--Continued

295612090033700 MISSISSIPPI RIVER AT MILE 95.4 (THALIA STREET WHARF), AT NEW ORLEANS, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
FEB.												
05...	1105	40	--	38	11	--	--	122	0	44	27	.99
11...	1155	10	--	33	9.5	16	2.3	108	0	42	19	--
18...	1200	10	--	37	9.8	19	2.3	108	0	46	24	--
24...	1000	10	50	38	11	20	2.6	124	0	50	23	--
APR.												
01...	1030	40	10	40	13	15	2.6	118	0	49	18	--

DATE	DIS-SOLVED NITRATE (N) (MG/L)	TOTAL NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)
FEB.												
05...	--	.01	--	--	--	--	.63	.13	--	--	--	132
11...	.99	.03	.01	--	--	--	.97	.23	.08	110	19	100
18...	1.1	--	.01	--	--	.86	.52	--	.08	66	1	76
24...	1.1	--	.02	.08	.04	.60	.58	--	.07	69	11	67
APR.												
01...	1.9	--	.02	--	.05	.57	.42	--	.07	57	12	57

DATE	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)
FEB.												
05...	<1.0	140	40	353	7.8	10	60	11.0	10	8.2	4000	150
11...	<1.0	120	31	390	7.9	25	30	11.2	5	2.1	1900	220
18...	<1.0	130	44	352	8.1	35	45	10.8	150	2.3	610	56
24...	<1.0	140	38	371	8.0	20	45	9.8	10	2.4	920	400
APR.												
01...	<1.0	150	57	352	8.0	15	50	9.2	6	2.8	1400	340

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIALINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
FEB.												
05...	8.8	.00	6	0	.00	.0	.00	.00	.02	.00	.00	.00
11...	4.6	.00	20	0	.00	.0	.00	.00	.00	.00	.00	.00
18...	3.0	.00	1	0	.00	.0	.00	.00	.01	.02	.00	.00
24...	4.8	.00	11	0	.00	.0	.00	.00	.00	.00	.00	.00
APR.												
01...	5.8	.00	3	--	.00	.0	.00	.00	.00	.00	<.01	.00

DATE	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
FEB.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
11...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
18...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
24...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
APR.												
01...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

295612090033700 MISSISSIPPI RIVER AT MILE 95.4 (THALIA STREET WHARF), AT NEW ORLEANS, LA--Continued

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB.										
05...	.08	.04	.00	3	1	0	0	<10	0	8
11...	.00	.00	.00	2	0	0	0	<10	0	5
18...	.08	.03	.00	3	1	1	1	<10	0	4
24...	.16	.04	.00	3	1	0	0	<10	0	7
APR.										
01...	.05	.00	.00	3	1	0	0	<10	0	5

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB.									
05...	3	8	0	.1	.0	10	0	40	10
11...	3	8	0	.0	.0	3	0	30	0
18...	--	1	--	.0	.0	10	2	20	--
24...	7	7	0	.0	.0	9	0	20	0
APR.									
01...	3	5	0	.1	.1	6	0	30	10

DREDGING OPERATIONS STUDY--Continued

295649090034100 MISSISSIPPI RIVER AT MILE 95.0 (POYDRAS STREET WHARF), AT NEW ORLEANS, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
FEB.												
05...	1050	20	--	37	10	--	--	120	0	43	20	1.1
11...	1145	40	--	34	9.7	16	2.3	107	0	44	19	.97
18...	1150	30	--	37	9.4	18	2.3	110	0	46	22	--
24...	0950	10	--	39	11	22	2.6	123	0	50	27	--
APR.												
20...	0920	10	0	37	11	14	2.5	116	0	45	17	--

DATE	DIS-SOLVED NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)
FEB.												
05...	--	.04	--	--	--	--	.58	.29	--	--	--	109
11...	.99	.03	.01	--	--	.71	.63	.27	.09	132	16	136
18...	1.8	--	.01	--	--	.47	.45	--	.32	90	7	84
24...	1.1	--	.02	.12	.12	.91	.74	--	.07	53	11	47
APR.												
20...	1.3	--	.01	.01	.02	.68	.57	--	.06	109	12	128

DATE	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)
FEB.												
05...	<1.0	130	32	345	7.8	5	60	11.0	10	2.5	2600	150
11...	<1.0	120	32	326	8.0	25	50	12.0	15	3.9	3300	350
18...	<1.0	130	41	350	8.0	45	60	11.0	15	2.5	630	120
24...	<1.0	140	42	384	8.1	10	40	10.1	5	2.3	970	140
APR.												
20...	<1.0	140	43	329	8.1	10	60	8.6	7	1.8	1100	150

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
FEB.												
05...	6.2	.00	10	2	.00	.0	.00	.00	.00	.00	.00	.00
11...	5.4	.00	13	0	.00	.0	.00	.00	.00	.00	.00	.00
18...	3.4	.00	11	0	.00	.0	.00	.00	.01	.02	.00	.00
24...	5.4	.00	11	0	.00	.0	.00	.00	.00	.00	.00	.00
APR.												
20...	12	.00	1	0	.00	.0	.00	.00	.00	.01	.00	.00

DATE	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRI-THION (UG/L)
FEB.												
05...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
11...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
18...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
24...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
APR.												
20...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

295649090034100 MISSISSIPPI RIVER AT MILE 95.0 (POYDRAS STREET WHARF), AT NEW ORLEANS, LA--Continued

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB.										
05...	.07	.03	.00	2	1	0	0	10	0	6
11...	.06	.03	.00	2	1	0	0	<10	0	7
18...	.08	.03	.00	3	1	2	2	10	0	6
24...	.15	.04	.00	3	1	0	0	<10	0	5
APR.										
20...	.04	.00	.00	2	1	0	0	10	0	5

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB.									
05...	3	6	0	.1	.0	7	0	20	20
11...	6	10	0	.0	.0	2	0	40	0
18...	5	1	0	.0	.0	11	0	20	0
24...	4	6	0	.0	.0	0	0	10	0
APR.									
20...	--	8	0	.6	.6	5	0	30	0

DREDGING OPERATIONS STUDY--Continued

295708090034300 MISSISSIPPI RIVER AT MILE 94.8 (BIENVILLE STREET WHARF), AT NEW ORLEANS

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
FEB.												
05...	1045	10	38	11	--	--	120	0	44	27	1.1	--
11...	1140	10	34	9.5	16	2.2	104	0	43	20	.98	.99
18...	1145	110	37	11	26	3.0	102	0	48	38	--	.36
24...	0945	0	40	13	38	3.3	120	0	52	59	--	1.2

DATE	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L)	DIS-SOLVED KJEL-DAHL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED PHOS-PHORUS (P) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	SETTLE-ABLE MATTER (ML/L /HR)
FEB.												
05...	.04	--	--	--	--	1.0	.31	--	--	--	141	<1.0
11...	.02	.01	--	--	.64	.48	.18	.10	88	14	70	<1.0
18...	--	.00	--	--	.61	.53	--	.07	90	4	66	<1.0
24...	--	.02	.12	.05	1.0	.60	--	.05	49	12	38	<1.0

DATE	HARD-NESS (CA+MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
FEB.												
05...	140	42	412	7.8	10	60	10.8	10	1.6	3300	100	3.4
11...	120	35	323	7.9	25	60	11.2	5	1.5	1600	140	5.2
18...	140	56	405	7.9	45	40	11.2	28	2.5	490	130	3.6
24...	150	52	498	8.0	10	35	9.8	10	1.6	960	110	5.4

DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR-DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
FEB.												
05...	.00	4	0	.00	.0	.00	.00	.01	.00	.00	.00	.00
11...	.00	11	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
18...	.00	25	0	.00	.0	.00	.00	.01	.02	.00	.00	.00
24...	.00	8	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTA-CHLOR (UG/L)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA-THION (UG/L)	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLO-RINATED NAPH-THA-LENES (UG/L)	TOTAL TOX-APHENE (UG/L)	TOTAL TRI-THION (UG/L)
FEB.											
05...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
11...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
18...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
24...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

295708090034300 MISSISSIPPI RIVER AT MILE 94.8 (BIENVILLE STREET WHARF), AT NEW ORLEANS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB.										
05...	.07	.04	.00	2	1	0	0	20	0	6
11...	.09	.03	.00	2	0	0	0	<10	0	4
18...	.09	.04	.00	3	1	0	0	20	0	4
24...	.00	.00	.00	2	1	0	0	<10	0	8

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB.									
05...	2	21	0	.1	.0	8	0	40	0
11...	2	3	0	.0	.0	0	0	10	10
18...	4	0	0	.1	.1	9	0	30	0
24...	7	4	0	.0	.0	3	0	20	0

DREDGING OPERATIONS STUDY--Continued

295730090013900 INDUSTRIAL LOCK FOREBAY (MISSISSIPPI RIVER MILE 92.7), AT NEW ORLEANS, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
NOV. 12...	1130	0	--	40	10	21	3.0	112	0	60	18	.77
FEB. 05...	1030	0	--	38	11	--	--	117	0	44	33	1.1
11...	1120	10	--	35	15	--	4.2	109	0	54	--	.98
18...	1130	0	--	40	16	--	4.3	112	0	60	--	--
24...	0930	20	0	42	16	--	3.9	123	0	57	--	--

DATE	DIS-SOLVED NITRATE (N) (MG/L)	TOTAL NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NITROGEN RESIDUE (MG/L)	VOL. NITROGEN FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)
NOV. 12...	.77	.01	.00	--	--	.74	.31	.21	.13	69	10	69
FEB. 05...	--	.04	--	--	--	--	.67	.31	--	--	--	137
11...	.99	.02	.01	--	--	.64	.44	.21	.09	78	14	62
18...	1.1	--	.01	--	--	.65	.54	--	.09	74	5	84
24...	1.1	--	.02	.15	.06	.57	.54	--	.07	45	4	45

DATE	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)
NOV. 12...	--	140	49	368	7.7	15	40	7.0	8	6.8	45000	11000
FEB. 05...	<1.0	140	44	389	7.7	10	50	11.0	10	2.4	--	3100
11...	<1.0	150	61	--	7.9	25	50	11.0	15	2.2	11000	850
18...	<1.0	170	74	--	7.9	25	40	11.4	190	2.7	--	2300
24...	<1.0	170	70	--	8.1	10	30	10.0	20	2.5	26000	1700

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
NOV. 12...	5.6	.00	6	0	.00	.0	.00	.00	.00	.00	.00	.00
FEB. 05...	10	.00	7	0	.00	.0	.00	.00	.01	.00	.00	.00
11...	5.0	.00	0	0	.00	.0	.00	.00	.00	.00	.00	.00
18...	3.4	.00	8	0	.00	.0	.00	.00	.01	.02	.00	.00
24...	3.4	.00	9	0	.00	.0	.00	.00	.00	.01	.00	.00

DATE	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
NOV. 12...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
FEB. 05...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
11...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
18...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
24...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

295730090013900 INDUSTRIAL LOCK FOREBAY (MISSISSIPPI RIVER MILE 92.7), AT NEW ORLEANS, LA--Continued

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
NOV. 12...	.06	.01	.00	2	1	0	0	<10	0	7
FEB. 05...	.00	.00	.00	3	1	0	0	<10	0	5
11...	.07	.04	.00	2	0	0	0	10	0	4
18...	.09	.04	.00	3	1	1	0	<10	0	5
24...	.14	.04	.00	2	1	0	0	20	0	5

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
NOV. 12...	2	8	0	.1	.1	6	0	30	5
FEB. 05...	2	7	0	.2	.0	7	0	20	0
11...	3	5	0	.0	.0	0	0	40	10
18...	3	3	0	.0	.0	8	0	30	0
24...	--	7	6	.0	.0	9	6	20	--

DREDGING OPERATIONS STUDY--Continued

295510089575600 ALGIERS LOCK FOREBAY (MISSISSIPPI RIVER MILE 88.0), NEAR CHALMETTE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

		DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)	
DATE	TIME												
NOV.													
04...	1030	0	34	11	18	2.7	100	0	50	16	--	1.1	
06...	1010	0	39	9.8	20	2.7	99	0	61	18	--	.91	
FEB.													
05...	1000	0	39	11	--	--	120	0	45	25	1.1	--	
11...	1045	10	34	9.4	15	2.2	108	0	43	18	--	.99	
18...	1110	10	39	9.9	19	2.4	108	0	50	24	--	1.2	
24...	0905	20	41	16	--	3.8	121	0	56	--	--	1.1	
		TOTAL NITRITE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL-DAHL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	SETTLE-ABLE MATTER (ML/L /HR)
DATE													
NOV.													
04...	--	.01	--	--	.54	.32	--	.12	72	7	72	--	
06...	--	.01	--	--	--	.48	--	.11	71	10	71	--	
FEB.													
05...	.04	--	--	--	--	.59	.37	--	--	--	188		<1.0
11...	.03	.01	--	--	.78	.75	.23	.09	196	26	274		<1.0
18...	--	.01	--	--	.62	.53	--	.38	136	7	116		<1.0
24...	--	.02	.13	.11	--	.65	--	.09	60	14	58		<1.0
		HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLAT-INUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
DATE													
NOV.													
04...	130	48	342	8.0	5	40	8.0	8	3.3	750	600	6.4	
06...	140	59	367	7.9	5	40	7.2	12	1.3	15000	800	4.6	
FEB.													
05...	140	42	360	7.8	15	60	11.0	25	3.0	4800	200	9.2	
11...	120	31	326	7.9	20	40	10.8	5	2.4	5100	450	4.6	
18...	140	50	356	7.9	35	55	11.6	10	4.0	8000	250	3.2	
24...	170	71	--	8.0	10	40	10.2	15	1.9	2600	340	3.4	

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

295510089575600 ALGIERS LOCK FOREBAY (MISSISSIPPI RIVER MILE 88.0), NEAR CHALMETTE, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
NOV.												
04...	.00	0	--	.00	.0	.00	.00	.00	.01	.00	.00	.00
06...	--	7	0	.00	<.1	.00	.00	.00	--	<.01	<.01	.00
FEB.												
05...	.00	16	0	.00	.0	.00	.00	.01	.00	.00	.00	.00
11...	.00	14	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
18...	.00	11	0	.00	.0	.00	.00	.00	.03	.00	.00	.00
24...	.00	3	0	.00	.0	.00	.00	.00	.01	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
NOV.											
04...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
06...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
FEB.											
05...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
11...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
18...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
24...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
NOV.										
04...	.04	.00	.00	2	1	0	0	<10	0	5
06...	--	--	--	3	2	1	0	<10	0	6
FEB.										
05...	.06	.02	.00	3	1	0	0	20	0	8
11...	.08	.03	.00	3	1	0	0	<10	0	9
18...	.07	.04	.00	3	1	0	0	<10	0	8
24...	.13	.03	.00	3	1	0	0	<10	0	5

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
NOV.									
04...	3	0	0	.6	.5	6	0	30	10
06...	5	12	3	.0	.0	6	0	30	0
FEB.									
05...	2	10	0	.1	.0	11	0	40	0
11...	2	10	0	.1	.0	7	0	60	0
18...	8	6	0	.0	.0	10	0	40	0
24...	4	7	0	.0	.0	7	3	10	0

DREDGING OPERATIONS STUDY--Continued

295520089554000 MISSISSIPPI RIVER AT MILE 86.0, NEAR CHALMETTE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
NOV. 12...	1245	10	40	10	60	3.0	108	0	21	18	.84
DATE	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
NOV. 12...	.01	.00	.56	.40	.23	.11	92	19	92	140	52
DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
NOV. 12...	368	7.8	25	45	6.7	8	3.1	68000	2500	4.6	.00
DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
NOV. 12...	2	0	.00	<.1	.00	.00	.00	.00	.00	.00	.00
DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
NOV. 12...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	
NOV. 12...	.04	.01	.00	2	1	0	0	<10	0	6	
DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)		
NOV. 12...	2	7	0	.0	.0	9	0	20	5		

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

285449089253600 MISSISSIPPI RIVER SOUTHWEST PASS AT MILE 19.6, NEAR BURRWOOD, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED NITRATE (N) (MG/L)
JAN.												
09...	1300	40	--	--	--	--	--	124	0	60	95	1.2
16...	1145	0	--	35	11	20	2.8	111	0	47	25	1.1
22...	0925	0	--	37	24	140	6.8	100	0	70	260	.98
29...	1015	0	--	56	92	760	25	112	0	210	1300	1.1
FEB.												
12...	1115	0	--	35	13	52	3.5	121	0	52	81	.96
19...	1155	10	--	49	48	350	15	110	0	120	620	.98
MAY												
13...	1135	70	20	56	58	420	18	134	0	140	750	1.3

DATE	DIS- SOLVED NITRITE (N) (MG/L)	AMMONIA NITRO- GEN (N) (MG/L)	DIS- SOLVED AMMONIA NITRO- GEN (N) (MG/L)	TOTAL KJEL- DAHL- NITRO- GEN (N) (MG/L)	DIS- SOLVED KJEL- NITRO- GEN (N) (MG/L)	DIS- SOL- VED- PHOS- PHORUS (P) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDED SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)
JAN.												
09...	.10	--	--	.67	.40	1.0	87	0	105	<1.0	--	--
16...	.01	--	--	.61	.26	.25	146	0	138	<1.0	130	42
22...	.02	--	--	.87	.31	.22	78	2	74	<1.0	190	110
29...	.01	--	--	1.5	.88	.12	496	30	452	1.0	520	430
FEB.												
12...	.01	--	--	.65	.59	.07	236	11	224	<1.0	140	42
19...	.02	--	--	.61	.40	--	82	7	88	<1.0	320	230
MAY												
13...	.01	.05	.00	.55	.39	.08	74	20	85	<1.0	380	270

DATE	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JAN.											
09...	635	7.6	25	70	9.7	15	1.7	1900	130	6.0	.00
16...	372	7.9	15	70	9.8	15	2.5	800	100	23	.00
22...	1070	7.5	20	50	10.6	10	4.0	--	--	5.4	.00
29...	4500	7.8	--	170	13.0	50	6.8	<5	<5	9.0	.00
FEB.											
12...	558	7.9	10	70	9.3	20	2.0	3100	210	4.2	.00
19...	2320	8.0	25	50	10.5	35	2.5	3200	150	--	--
MAY											
13...	2740	8.2	10	55	7.7	40	.7	4300	250	10	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JAN.											
09...	4	0	.00	.0	.00	.00	.00	.01	.00	.00	.00
16...	0	2	.00	.0	.00	.00	.00	.01	.00	.00	.00
22...	2	0	.00	.0	.00	.00	.00	.02	.00	.00	.00
29...	8	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
FEB.											
12...	34	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
19...	--	0	.00	.0	.00	.00	.00	.02	.00	.00	.00
MAY											
13...	12	0	.00	.0	.00	.00	.00	<.01	<.01	.00	.00

DREDGING OPERATIONS STUDY--Continued

285449089253600 MISSISSIPPI RIVER SOUTHWEST PASS AT MILE 19.6, NEAR BURRWOOD, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
JAN.											
09...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
16...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
22...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
29...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
FEB.											
12...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
19...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
MAY											
13...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JAN.										
09...	.00	.00	.00	3	1	0	0	13	0	11
16...	.00	.00	.00	3	0	0	0	<10	0	7
22...	.08	.01	.00	2	1	0	0	10	0	9
29...	.00	.00	.00	6	1	0	0	20	0	19
FEB.										
12...	.08	.05	.00	3	1	0	0	30	0	6
19...	.08	.04	.00	3	1	4	0	0	0	7
MAY										
13...	.04	.00	.00	4	1	1	0	0	0	6

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JAN.									
09...	10	6	0	.1	.1	9	9	30	0
16...	0	2	0	.2	.0	13	0	40	10
22...	2	2	0	.2	.0	12	0	20	0
29...	0	18	0	.2	.1	24	0	80	10
FEB.									
12...	1	3	0	.1	.0	9	0	0	0
19...	7	3	0	.0	.0	12	0	10	10
MAY									
13...	4	4	0	.1	.0	14	0	20	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

285902089220600 MISSISSIPPI RIVER SOUTHWEST PASS AT MILE 13.5 NEAR BURRWOOD, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
JUNE 10...	0955	0	0	47	28	160	7.0	133	0	85	250
DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 10...	1.8	.01	.08	.64	.16	19	3	21	<1.0	230	120
DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 10...	1230	7.8	5	20	7.4	21	3.1	2200	32	4.6	.00
DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 10...	14	0	.00	.0	.00	.00	.00	.01	.00	.00	.00
DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 10...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)		
JUNE 10...	.12	.00	.00	3	3	0	0	10	0		
DATE	TOTAL COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)		
JUNE 10...	6	6	7	0	.5	.5	20	3	30		

DREDGING OPERATIONS STUDY--Continued

285939089213400 MISSISSIPPI RIVER SOUTHWEST PASS AT MILE 12.7, NEAR BURRWOOD, LA

WATER QUALITY DATA: WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
MAY 27...	0930	10	10	44	18	80	5.0	135	0	58	130
DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
MAY 27...	2.0	.00	.05	.61	.07	34	3	60	<1.0	180	73
DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	PHENOLS (UG/L)
MAY 27...	766	7.9	20	30	7.5	23	.8	3300	740	7.6	4
DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
MAY 27...	0	.00	.0	.01	.00	.00	.01	.00	.00	.00	.00
DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)	
MAY 27...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00	

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

285939089213400 MISSISSIPPI RIVER SOUTHWEST PASS AT MILE 12.7, NEAR BURRWOOD, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
MAY 27...	.00	.00	.00	2	1	0	0	<10	0	6

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
MAY 27...	6	12	0	.4	.4	5	0	80	10

DREDGING OPERATIONS STUDY--Continued

290547089164300 MISSISSIPPI RIVER SOUTHWEST PASS AT MILE 4.0 BHP, NEAR PILOTOWN, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
MAR. 11...	1100	50	0	34	8.9	21	2.6	92	0	45	29	1.4
DATE	DIS-SOLVED NITRITE (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	
MAR. 11...	.01	.07	.61	.47	.06	135	16	145	<1.0	120	45	
DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM PER 100 ML	FECAL COLIFORM PER 100 ML	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	
MAR. 11...	335	8.1	35	80	8.7	14	7.3	4500	650	2.2	.00	
DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	
MAR. 11...	0	0	.00	.0	.00	.00	<.01	.02	<.01	.00	.00	
DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)	
MAR. 11...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00	
DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)		
MAR. 11...	.00	.00	.00	4	1	0	0	<10	0	8		
DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)			
MAR. 11...	6	3	0	.1	.1	10	0	10	10			

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

290118089201700 MISSISSIPPI RIVER AT SOUTHWEST PASS AT MILE 10.3 BHP, NEAR BURRWOOD, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
MAY 27...	0945	20	0	43	20	80	5.5	134	0	58	140	2.0

DATE	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (L/L) (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
MAY 27...	.01	.05	.58	.26	.07	42	12	42	<1.0	190	80

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAY 27...	803	8.0	15	30	7.4	24	1.6	2600	740	6.1	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
MAY 27...	6	0	.00	.0	.00	.00	.00	.01	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
MAY 27...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
MAY 27...	.02	.00	.00	2	2	0	0	10	0	7

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
MAY 27...	7	2	0	.4	.2	6	0	70	0

285803089230300 MISSISSIPPI RIVER SOUTHWEST PASS AT MILE 15.0 BHP, NEAR BURRWOOD, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
MAR. 25...	0915	0	10	31	10	18	2.8	100	0	37	26	--
DATE	DIS-SOLVED NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)
MAR. 25...	1.5	--	.01	.04	.00	.78	.66	--	.05	129	15	107
DATE	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)
MAR. 25...	<1.0	120	38	326	7.6	15	70	8.2	44	5.9	1200	140
DATE	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
MAR. 25...	6.0	.01	4	0	.00	.0	.00	<.01	.01	.01	.00	.00
DATE	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
MAR. 25...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)
MAR. 25...	.05	.02	.00	--	3	2	0	<10	0	9	6	9
DATE	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	PERCENT SODIUM
MAR. 25...	0	.1	.0	10	0	70	10	60	.1	--	2	24

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

294528091145200 ATCHAFALAYA RIVER (MILE 112.0) ABOVE MORGAN CITY, LA (CE 03785)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 25...	1310	0	10	41	12	32	2.9	118	0	50	48	1.1
JULY 09...	0930	0	0	28	9.5	26	2.9	95	0	39	39	.96

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED VEGETABLE PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 25...	.01	.03	.03	.61	.23	.69	46	0	55	<1.0	150	55
JULY 09...	.03	.01	--	.49	--	--	130	21	153	<1.0	110	31

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 25...	462	7.9	5	55	7.0	47	.9	60	<5	7.8	.00
JULY 09...	377	7.9	15	75	6.9	25	2.3	--	2400	7.8	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 25...	3	0	.00	.0	.00	.00	.00	.01	.00	.00	.00
JULY 09...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 25...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 09...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

294528091145200 ATCHAFALAYA RIVER (MILE 112.0) ABOVE MORGAN CITY, LA (CE 03785)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 25...	.01	.01	.00	4	2	0	0	10	0	6
JULY 09...	.09	.02	.00	6	2	0	1	30	0	8

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 25...	--	10	0	.0	.0	10	0	10	10
JULY 09...	3	10	0	.2	.2	12	0	--	20

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

294250091131900 BERWICK BAY (ATCHAFALAYA RIVER MILE 116.5), AT MORGAN CITY, LA (CE 03765)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 25...	1320	10	0	40	12	33	2.7	116	0	50	48	1.2
JULY 09...	0940	70	0	29	10	31	3.2	95	0	44	49	.98

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 25...	.01	--	.01	--	.60	.11	66	12	63	<1.0	150	54
JULY 09...	.02	.04	--	.35	--	--	41	3	46	<1.0	110	36

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 25...	513	7.9	5	45	7.0	75	.8	230	<5	6.8	.00
JULY 09...	406	7.7	10	55	7.0	20	1.6	260	<5	6.0	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 25...	0	0	.00	.0	.00	.00	.00	.01	.00	.00	.00
JULY 09...	2	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 25...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 09...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

294250091131900 BERWICK BAY (ATCHAFALAYA RIVER MILE 116.5), AT MORGAN CITY, LA (CE 03765)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 25...	--	--	--	3	2	1	0	10	0	5
JULY 09...	.11	.03	.00	4	2	0	0	30	0	6

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 25...	4	6	0	.6	.0	26	0	20	10
JULY 09...	4	3	0	--	.1	9	3	20	10

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

294158091125300 LOWER ATCHAFALAYA RIVER (MILE 117.7), AT MORGAN CITY, LA (CE 03780)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 25...	1345	10	0	41	12	33	2.7	117	0	50	49	1.1
JULY 09...	0950	30	10	30	8.7	21	2.8	95	0	37	27	1.1

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 25...	.01	--	.01	.57	.38	.02	39	2	44	<1.0	150	56
JULY 09...	.01	.02	--	.80	--	--	79	9	96	<1.0	110	33

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 25...	473	7.9	5	40	7.0	38	.5	150	<5	8.0	.00
JULY 09...	333	7.8	20	65	6.9	20	2.1	--	920	4.6	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 25...	0	0	.00	.0	.00	.00	.00	.01	.00	.00	.00
JULY 09...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 25...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 09...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

294158091125300 LOWER ATCHAFALAYA RIVER (MILE 117.7), AT MORGAN CITY, LA (CE 03780)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 25...	.00	.00	.00	2	2	0	0	10	0	5
JULY 09...	.00	.00	.00	2	2	0	0	30	0	8

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 25...	5	3	0	.5	.0	10	0	40	10
JULY 09...	4	4	0	--	.1	11	2	--	20

DREDGING OPERATIONS STUDY--Continued

294108091125300 LOWER ATCHAFALAYA RIVER (MILE 118.3), AT MORGAN CITY, LA (CE 03781)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 25...	1255	0	0	40	12	32	2.9	118	0	50	47	1.1
JULY 09...	1000	40	0	31	14	57	4.0	96	0	49	91	.98

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 25...	.01	--	.03	.52	.46	.07	70	5	63	<1.0	150	53
JULY 09...	.01	.02	--	.43	--	--	36	4	44	<1.0	140	56

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 25...	460	7.9	10	45	7.0	44	.8	120	<5	4.6	.00
JULY 09...	560	7.9	15	60	6.8	23	1.9	--	1300	3.0	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 25...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
JULY 09...	0	0	.00	.0	.00	.00	.00	.01	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 25...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 09...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

294108091125300 LOWER ATCHAFALAYA RIVER (MILE 118.3), AT MORGAN CITY, LA (CE 03781)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 25...	.01	.00	.00	3	2	0	0	10	0	7
JULY 09...	.03	.02	.00	3	2	0	0	20	0	8

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 25...	5	9	0	.0	.0	9	0	10	0
JULY 09...	3	4	0	.4	.0	10	0	20	10

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

293928091143300 LOWER ATCHAFALAYA RIVER (MILE 121.0), NEAR MORGAN CITY, LA (CE 03783)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 25...	1245	10	10	41	13	38	2.9	118	0	53	56	1.1
JULY 09...	0900	0	10	32	15	68	4.4	96	0	50	120	1.1

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 25...	.01	--	.02	.54	.44	.12	34	10	23	<1.0	160	59
JULY 09...	.05	.05	--	.40	--	--	70	21	55	<1.0	140	63

DATE	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 25...	477	7.9	5	30	7.4	45	1.1	2300	380	5.8	.00
JULY 09...	391	7.9	10	60	7.5	23	2.4	2800	32	6.3	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 25...	0	0	.00	.0	.00	.00	.00	.01	.00	.00	.00
JULY 09...	1	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRIETHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 25...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 09...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

293928091143300 LOWER ATCHAFALAYA RIVER (MILE 121.0), NEAR MORGAN CITY, LA (CE 03783)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 25...	.00	.00	.00	2	2	0	0	10	0	4
JULY 09...	.14	.03	.00	4	2	0	0	40	0	7

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 25...	4	9	0	.0	.0	4	0	10	10
JULY 09...	5	9	0	.6	.3	8	0	40	10

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

292733091171000 ATCHAFALAYA BAY (ATCHAFALAYA RIVER MILE 135.5) SOUTH OF MORGAN CITY, LA (CE 03836)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)
JUNE 25...	0930	10	0	41	12	32	2.8	114	0	53	48
DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	DIS- SOLVED AMMONIA NITRO- GEN (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	DIS- SOL- VED- PHOS- PHORUS (P) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDE D SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)
JUNE 25...	1.1	.01	.07	.49	.11	48	0	50	<1.0	150	57
DATE	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 25...	454	7.9	5	35	7.9	59	.6	770	210	5.0	.00
DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRI- N (UG/L)	TOTAL ENDRI- N (UG/L)	TOTAL ETHION (UG/L)
JUNE 25...	10	0	.00	.0	.00	.00	.00	.04	.00	.00	.00
DATE	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL THI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
JUNE 25...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	
JUNE 25...	.05	.03	.00	2	2	0	0	10	0	10	
DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)		
JUNE 25...	10	5	0	.0	.0	14	0	10	10		

DREDGING OPERATIONS STUDY--Continued

292615091193200 ATCHAFALAYA BAY (ATCHAFALAYA RIVER MILE 137.5) SOUTH OF MORGAN CITY, LA (CE 03837)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	UIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 25...	0945	20	10	41	13	34	2.7	116	0	51	58	1.1
DATE	TOTAL NITRITE (N) (MG/L)	DIS- SOLVED AMMONIA NITRO- GEN (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	DIS- SOLVED KJEL- NITRO- GEN (N) (MG/L)	DIS- SOL- VED- PHOS- PHORUS (P) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDE SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	
JUNE 25...	.01	.10	.57	.40	.13	20	1	26	<1.0	160	65	
DATE	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	
JUNE 25...	477	8.0	10	30	7.8	51	.7	1000	160	3.3	.00	
DATE	PHENOLS (UG/L)	GIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRI (UG/L)	TOTAL ENDRI (UG/L)	TOTAL ETHION (UG/L)	
JUNE 25...	6	0	.00	.0	.00	.00	.00	.01	.00	.00	.00	
DATE	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	
JUNE 25...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00	
DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)			
JUNE 25...	.00	.00	.00	2	2	0	0	10	0			
DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)				
JUNE 25...	5	5	0	.5	.0	10	0	20				

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

292311091221400 ATCHAFALAYA BAY (ATCHAFALAYA RIVER MILE 142.0) SOUTH OF MORGAN CITY, LA (CE 03842)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 25...	0950	10	120	56	110	840	35	120	0	250	1500	1.1
DATE	TIME	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 25...		.01	.05	.47	.34	.02	26	0	35	<1.0	590	490
DATE	TIME	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 25...	5250	8.0		5	25	8.1	83	.3	410	68	3.8	.00
DATE	TIME	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 25...		0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
DATE	TIME	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 25...		.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
DATE	TIME	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)		
JUNE 25...		.00	.00	.00	2	2	0	0	10	0		
DATE	TIME	TOTAL COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)		
JUNE 25...		47	9	4	0	1.5	.0	92	3	20		

DREDGING OPERATIONS STUDY--Continued

291850091260700 ATCHAFALAYA BAY (ATCHAFALAYA RIVER MILE 148.1) SOUTH OF MORGAN CITY, LA (CE 88648)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 25...	1010	50	80	340	980	8500	360	140	0	2100	15000	.00
25...	1120	60	60	340	970	8700	500	135	0	2200	15000	.00

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 25...	.01	--	.09	.43	.30	.12	56	11	49	<1.0	4900	4800
25...	.01	.10	.07	.40	.18	.02	69	9	67	<1.0	4800	4700

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 25...	38600	8.1	0	20	8.1	340	1.0	<5	<5	2.2	.00
25...	38300	8.2	0	20	8.6	400	2.3	<5	<5	4.6	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 25...	0	0	.00	.0	.00	.00	.00	.02	.00	.00	.00
25...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 25...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
25...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

291850091260700 ATCHAFALAYA BAY (ATCHAFALAYA RIVER MILE 148.1) SOUTH OF MORGAN CITY, LA (CE 88648)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
JUNE									
25...	.00	.00	.00	3	2	0	0	40	0
25...	.00	.00	.00	3	2	0	0	40	0

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE									
25...	5	7	7	--	.2	14	0	--	30
25...	7	10	3	.3	.2	8	0	30	20

DREDGING OPERATIONS STUDY--Continued

291620091281900 ATCHAFALAYA BAY (ATCHAFALAYA RIVER MILE 151.7) SOUTH OF MORGAN CITY, LA (CE 88653)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 25...	1020	50	60	360	1000	9000	340	137	0	2200	16000	.00
25...	1110	50	80	350	1000	8600	330	138	0	2200	16000	.00

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 25...	.01	--	.10	.28	.28	.04	68	2	54	<1.0	5000	4900
25...	.01	.10	.08	.39	.22	.06	54	3	64	<1.0	5000	4900

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM PER 100 ML	FECAL COLIFORM PER 100 ML	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 25...	40600	8.2	5	20	8.6	370	1.2	<5	<5	3.2	.00
25...	40500	8.2	5	20	8.4	380	2.2	<5	<5	5.3	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 25...	10	0	.00	.0	.00	.00	.00	.01	.00	.00	.00
25...	0	0	.00	.0	.00	.00	.00	.02	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 25...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
25...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

291620091281900 ATCHAFALAYA BAY (ATCHAFALAYA RIVER MILE 151.7) SOUTH OF MORGAN CITY, LA (CE 88653)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CH) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
JUNE									
25...	.00	.00	.00	2	2	0	0	50	0
25...	.00	.00	.00	2	2	0	0	40	0

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE									
25...	7	6	0	--	.1	9	0	--	40
25...	11	9	0	.2	.2	7	0	40	20

DREDGING OPERATIONS STUDY--Continued

291337091304000 ATCHAFALAYA BAY (ATCHAFALAYA RIVER MILE 155.4) SOUTH OF MORGAN CITY, LA (CE 88655)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE												
25...	1035	60	60	370	1100	9100	350	139	0	2300	17000	.00
25...	1100	50	60	360	1100	9200	350	139	0	2300	17000	.01

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE												
25...	.01	--	.10	.47	.30	.11	55	5	70	<1.0	5500	5300
25...	.01	.11	.07	.39	.20	.07	31	5	36	<1.0	5400	5300

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE											
25...	40700	8.2	0	15	8.5	770	1.4	<5	<5	5.4	.00
25...	40800	8.2	0	15	8.8	350	2.9	<5	<5	4.7	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE											
25...	0	0	.00	.0	.00	.00	.00	.01	.00	.00	.00
25...	8	0	.00	.0	.00	.00	.00	.02	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE											
25...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
25...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

291337091304000 ATCHAFALAYA BAY (ATCHAFALAYA RIVER MILE 155.4) SOUTH OF MORGAN CITY, LA (CE 88655)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE										
25...	.00	.00	.00	2	2	0	0	--	0	2
25...	.00	.00	.00	3	2	0	0	50	0	2

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE									
25...	--	2	0	.3	.1	7	0	40	20
25...	2	8	0	.2	.2	3	0	--	50

DREDGING OPERATIONS STUDY--Continued

302703092591600 CALCASIEU RIVER NEAR MOSS BLUFF (NEAR INDIAN VILLAGE), LA (CE 76134)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 29...	0750	100	30	2.3	1.0	7.4	1.3	17	0	4.0	6.6	.10
JULY 01...	0850	90	40	3.9	6.3	28	3.0	16	0	9.6	43	.37

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA, MG) (MG/L)
JUNE 29...	.01	.04	.00	--	1.0	.01	8	6	6	<1.0	10
JULY 01...	.01	.05	.09	.55	.44	.00	23	17	--	--	23

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM PER 100 ML	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 29...	0	61	6.5	30	20	6.7	36	--	--	5.8	.00
JULY 01...	10	200	6.9	30	30	7.3	28	2.7	220	5.0	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 29...	0	0	.00	.0	.00	.00	.00	.02	.00	.00	.00
JULY 01...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 29...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 01...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

302703092591600 CALCASIEU RIVER NEAR MOSS BLUFF (NEAR INDIAN VILLAGE), LA (CE 76134)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 29...	.03	.01	.00	1	1	0	0	30	0	20
JULY 01...	.02	.05	.00	1	1	0	0	40	0	6

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 29...	5	4	0	.1	.0	0	0	10	0
JULY 01...	6	10	0	.1	.1	2	0	20	20

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

501

DREDGING OPERATIONS STUDY--Continued

301530093123200 CALCASIEU RIVER AT MILE 44.0, AT LAKE CHARLES, LA. (CE 73460)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 29...	0700	40	10	3.0	1.1	9.8	1.4	19	0	5.3	10	.00
JULY 01...	1025	110	30	5.2	4.5	72	1.9	18	0	12	68	.04

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)
JUNE 29...	.01	.06	.02	--	1.4	.01	3	2	6	<1.0	12
JULY 01...	.01	--	.10	.71	.57	.00	6	4	7	--	32

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE CLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 29...	0	80	6.8	30	15	6.7	41	2.5	--	6.5	.00
JULY 01...	17	293	6.9	50	15	6.0	41	1.0	260	7.1	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 29...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
JULY 01...	6	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRIETHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 29...	.00	.00	.00	.03	.00	.00	.00	.0	.00	0	.00
JULY 01...	.00	.00	.00	.01	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

301530093123200 CALCASIEU RIVER AT MILE 44.0, AT LAKE CHARLES, LA (CE 73460)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 29...	.07	.01	.00	1	1	0	0	20	0	--
JULY 01...	.08	.03	.00	1	1	0	0	30	0	130

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (Zn) (UG/L)	DIS- SOLVED ZINC (Zn) (UG/L)
JUNE 29...	11	8	0	.2	.0	0	0	20	0
JULY 01...	8	7	0	.1	.1	3	0	10	0

DREDGING OPERATIONS STUDY--Continued

301425093145000 CALCASIEU RIVER AT MILE 36.0, AT LAKE CHARLES, LA (CE 73535)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
JUNE 29...	0720	60	70	26	64	540	21	28	0	120	940
JULY 01...	1005	250	140	22	57	470	21	24	0	120	850

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (ML)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)
JUNE 29...	.03	.01	.08	.04	--	1.2	.01	4	3	<1.0	330
JULY 01...	.05	.01	--	.20	.79	.58	.03	13	8	--	290

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COCLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 29...	310	3220	6.8	5	10	5.5	41	1.2	--	6.3	.00
JULY 01...	270	2860	6.8	30	15	4.5	38	--	620	7.8	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALUMINUM (UG/L)	TOTAL CHLORIDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DUE (UG/L)	TOTAL DUT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 29...	0	0	.00	.0	.00	.00	.00	.01	.00	.00	.00
JULY 01...	2	0	.00	.0	.00	.00	.00	.01	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRI-THION (UG/L)
JUNE 29...	.00	.00	.00	.03	.00	.00	.00	.0	.00	0	.00
JULY 01...	.00	.00	.00	.04	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

301425093145000 CALCASIEU RIVER AT MILE 36.0, AT LAKE CHARLES, LA (CE 73535)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 29...	.15	.07	.00	1	1	1	1	20	0	--
JULY 01...	.07	.10	.00	2	1	0	0	40	0	10

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 29...	10	13	0	.1	.0	0	0	30	10
JULY 01...	3	4	0	.1	.1	0	0	30	10

DREDGING OPERATIONS STUDY--Continued

301305093151200 CALCASIEU RIVER AND PASS NEAR LAKE CHARLES, LA (CE 73550)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
JUNE 29...	0725	50	40	32	71	600	23	26	0	140	1100
JULY 01...	0959	120	70	34	84	740	29	30	0	180	1300

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)
JUNE 29...	.00	.01	.04	.02	.67	.57	.01	9	7	<1.0	370
JULY 01...	.06	.01	.16	.11	1.2	.45	.01	5	4	--	430

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE CULTIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 29...	350	3580	6.8	10	7	6.5	46	1.2	--	6.3	.00
JULY 01...	410	4380	7.1	15	8	6.6	51	.1	580	6.2	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 29...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
JULY 01...	3	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRIETHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 29...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 01...	.00	.00	.00	.01	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

301305093151200 CALCASIEU RIVER AND PASS NEAR LAKE CHARLES, LA (CE 73550)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 29...	.21	.07	.00	1	1	0	0	10	0	34
JULY 01...	.06	.07	.00	1	1	0	0	20	0	20

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 29...	8	4	0	.1	.0	0	0	20	10
JULY 01...	5	9	0	.1	.1	0	0	30	10

DREDGING OPERATIONS STUDY--Continued

301222093160600 CALCASIEU RIVER AT MILE 32.8, NEAR LAKE CHARLES, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)
OCT. 01...	1000	20	70	180	1500	60	35	5	320	2800	.00	.01

DATE	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	DIS-SOLVED VEG. PHOSPHORUS (P) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)
OCT. 01...	.15	.02	15	920	880	8540	8.6	30	5	120	300	80

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
OCT. 01...	7.4	.00	0	0	.00	.0	.00	.00	.00	.00	.00	.00

DATE	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRIETHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCP (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
OCT. 01...	.00	.00	.00	.00	.00	.00	.00	.00	<.1	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	TOTAL COPPER (CU) (UG/L)
OCT. 01...	.16	.09	.00	1	1	0	0	10	2

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT. 01...	0	1	0	.1	.1	14	0	10	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

301223093162300 CALCASIEU RIVER AT MILE 32.5, NEAR LAKE CHARLES, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (MG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
OCT. 09...	1000	50	130	310	2600	110	60	0	580	4900

DATE	DIS-SOLVED NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)
OCT. 09...	.06	.03	.58	.05	23	1600	1600	14000	7.6	15

DATE	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)
OCT. 09...	5	7.0	290	5.8	160	<5	7.4	.00	3	0

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)
OCT. 09...	.06	.04	.00	1	1	0	0	10

DATE	TOTAL COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)
OCT. 09...	5	5	7	7	.0	.0	5	10

DREDGING OPERATIONS STUDY--Continued

301215093163600 CALCASIEU RIVER AT MILE 32.2, NEAR LAKE CHARLES, LA (CE 73551)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
OCT. 15...	0921	130	--	160	390	3100	120	69	0	740	5700	--
JUNE 29...	0730	50	40	42	110	880	33	32	0	200	1600	.05
JULY 01...	0951	50	80	62	110	1000	35	56	0	250	1800	.11

DATE	DIS-SOLVED NITRATE (N) (MG/L)	TOTAL NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED VED-PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)
OCT. 15...	.07	--	.02	--	--	.81	.71	.05	39	0	39	--
JUNE 29...	--	.01	--	.11	.02	.87	.49	.01	7	5	--	<1.0
JULY 01...	--	.02	--	.33	.29	1.3	.71	.13	7	5	6	--

DATE	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 15...	2000	1900	16400	7.2	20	5	4.4	480	.1	220	<5	10
JUNE 29...	560	530	5130	6.9	10	7	5.7	51	2.4	--	--	6.4
JULY 01...	610	560	5880	7.3	10	7	5.5	97	--	120	--	7.2

DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
OCT. 15...	.00	10	2	.00	.0	.00	.00	.00	.02	.00	.00	.00
JUNE 29...	.00	0	0	.00	.0	.00	.00	.00	.01	.00	.00	.00
JULY 01...	.00	1	0	.00	.0	.00	.00	.00	.03	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
OCT. 15...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JUNE 29...	.00	.00	.00	.02	.00	.00	.00	.0	.00	0	.00
JULY 01...	.00	.00	.00	.07	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

301215093163600 CALCASIEU RIVER AT MILE 32.2, NEAR LAKE CHARLES, LA (CE 73551)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
OCT. 15...	.04	.04	.00	1	0	0	0	<10	0	1
JUNE 29...	.11	.06	.00	1	1	0	0	20	0	--
JULY 01...	.38	.05	.00	3	3	0	0	30	0	66

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT. 15...	0	--	11	.0	.0	2	0	40	8
JUNE 29...	9	7	0	.1	.0	--	7	20	20
JULY 01...	8	23	0	.2	.2	0	0	40	40

DREDGING OPERATIONS STUDY--Continued

301207093164700 CALCASIEU RIVER AT MILE 32.0, NEAR LAKE CHARLES, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
OCT. 21...	0815	100	38	150	1200	46	40	0	20	1900	.09
DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	N-N-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH
OCT. 21...	.02	.75	.58	.07	27	5	27	710	680	6830	7.1
DATE	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)
OCT. 21...	40	5	4.3	110	2.3	790	110	9.6	.00	4	0
DATE	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)	
OCT. 21...	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00	
DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)	
OCT. 21...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00	
DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	
OCT. 21...	.13	.09	.00	1	1	0	0	<10	0	7	
DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)		
OCT. 21...	7	0	0	.0	.0	2	0	20	4		

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

301137093173500 CALCASIEU RIVER AT MILE 31.0, NEAR LAKE CHARLES, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
OCT. 15...	0900	100	110	420	3100	130	76	0	790	6300	.12

DATE	DIS-SOLVED NITRITE (N) (MG/L)	DIS-SOLVED NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)
OCT. 15...	.01	.55	.02	25	0	25	2000	1900	17700	7.6

DATE	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)
OCT. 15...	15	6	7.4	500	1.3	180	8	2.5	0	0

DATE	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDOSULFATE (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
OCT. 15...	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
OCT. 15...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
OCT. 15...	.00	.00	.00	1	0	0	0	<10	0	4

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT. 15...	1	9	0	.0	.0	8	0	50	3

DREDGING OPERATIONS STUDY--Continued

301105093182500 CALCASIEU RIVER AT MILE 30.0, NEAR LAKE CHARLES, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED NITRATE (N) (MG/L)	
OCT. 21...	0915	100	89	210	1700	65	50	0	360	3000	.15	
DATE		DIS- SOLVED NITRITE (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	DIS- SOL- VED- PHOS- PHORUS (P) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDE D SOLIDS (MG/L)	HARD- NESS (CA,MG) (MG/L)	N N- CAR- B NATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH
OCT. 21...	.03	.03	1.1	.92	.06	21	12	21	1100	1100	9280	7.2
DATE		COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	
OCT. 21...	35	35	8	4.9	140	3.1	560	11	.00	0	0	
DATE		TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	
OCT. 21...	.00	.00	.0	.00	.00	.00	.01	.00	.00	.00	.00	
DATE		TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	
OCT. 21...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00	
DATE		TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)		
OCT. 21...	.25	.25	.06	.00	1	1	0	0	<10	0		
DATE		TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)		
OCT. 21...	5	5	5	5	0	.0	.0	0	0	10		

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

301055093182000 CALCASIEU RIVER AT MILE 29.9, NEAR LAKE CHARLES, LA (CE 96150)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 29...	0740	40	60	66	140	1400	65	46	0	310	2500	.06
JULY 01...	0944	50	80	140	150	1400	48	44	0	330	2500	.10

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)
JUNE 29...	.01	.08	.04	.90	.80	.05	4	2	15	<1.0	740
JULY 01...	.00	.28	.26	1.1	.62	.07	6	4	6	--	970

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COCLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 29...	700	7150	7.1	5	5	5.6	59	2.9	--	4.2	.00
JULY 01...	930	7580	7.1	10	6	5.4	40	.6	<5	6.4	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 29...	1	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
JULY 01...	0	0	.00	.0	.00	.00	.00	.01	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRIETHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 29...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 01...	.00	.00	.00	.03	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

301055093182000 CALCASIEU RIVER AT MILE 29.9, NEAR LAKE CHARLES, LA (CE 96150)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 29...	.26	.08	.00	2	2	0	0	10	0	11
JULY 01...	.24	.07	.00	2	2	0	0	30	0	47

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 29...	11	12	0	.3	.1	6	5	30	20
JULY 01...	5	16	0	.1	.1	0	0	30	20

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

300916093195300 CALCASIEU RIVER AT MILE 26.9, NEAR LAKE CHARLES, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	
NOV. 11...	0930	170	54	120	1200	40	38	0	260	2100	.85	
DATE		DIS-SOLVED NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
NOV. 11...	.12	.01	.00	.86	.07	.06		21	11	21	630	600
DATE		SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
NOV. 11...	6320	7.2		70	8	5.7	40	1.4	200	<5	10	.00
DATE		PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
NOV. 11...	2	3	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00
DATE		TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
NOV. 11...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
DATE		TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	
NOV. 11...	.20	.02	.00		1	0	0	0	10	0	5	
DATE		DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)		
NOV. 11...	4	6	0	.1	.1	3	0	10	10			

DREDGING OPERATIONS STUDY--Continued

300819093195300 CALCASIEU RIVER AT MILE 25.8, NEAR LAKE CHARLES, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL- CIUM (CA) (MG/L)	DIS-SOLVED MAG- NE- SIUM (MG)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
NOV. 25...	0900	40	140	350	3100	120	69	0	740	5600	.35

DATE	DIS-SOLVED NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	DIS-SOLVED KJEL- NITRO- GEN (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS-SOLVED PHOS- PHORUS (P) (MG/L)	TOTAL NON-FILT- RABLE RESIDUE (MG/L)	VOL. NON-FILT- RABLE RESIDUE (MG/L)	HARD- NESS (CA+MG) (MG/L)	NON-CAR- BONATE HARD- NESS (MG/L)
NOV. 25...	.27	.02	.01	1.3	.00	.11	.10	5	0	1800	1700

DATE	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)
NOV. 25...	16300	7.2	15	3	7.9	160	3.0	16	.01	66	4

DATE	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
NOV. 25...	<.01	.0	.00	.00	.00	.01	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
NOV. 25...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS-SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
NOV. 25...	96	.55	.00	1	1	0	0	<10	0	8

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
NOV. 25...	2	6	0	.0	.0	0	0	20	10

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

300729093195600 CALCASIEU RIVER AT MILE 24.8, NEAR LAKE CHARLES, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
DEC. 10...	1100	130	94	260	2000	80	56	0	510	3600	.15

DATE	DIS-SOLVED NITRATE (N) (MG/L)	TOTAL NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. N N-FILTERABLE RESIDUE (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
DEC. 10...	.16	.01	.01	2.1	2.0	.10	.07	24	4	1300	1300

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
DEC. 10...	11700	7.2	25	5	6.9	70	1.7	400	8	10	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
DEC. 10...	12	0	.00	.0	.00	.00	.00	<.01	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCP (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
DEC. 10...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
DEC. 10...	.00	.00	.00	1	1	0	0	<10	0	5

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
DEC. 10...	3	5	0	.0	.0	7	0	70	20

DREDGING OPERATIONS STUDY--Continued

300721093195700 CALCASIEU RIVER AT MILE 24.6, NEAR LAKE CHARLES, LA (CE 73555)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
JUNE 29...	0750	30	70	84	230	2000	70	54	0	450	3500
JULY 01...	0933	50	40	62	150	1400	49	48	0	330	2400

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)
JUNE 29...	.02	.01	.81	--	1.1	.48	.01	3	2	<1.0	1200
JULY 01...	.05	.01	.36	.32	1.2	.78	.00	12	7	--	770

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 29...	1100	10600	7.0	10	4	3.8	75	.9	--	5.4	.00
JULY 01...	730	7690	7.3	15	15	5.5	43	.3	60	7.8	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 29...	4	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
JULY 01...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 29...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 01...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

300721093195700 CALCASIEU RIVER AT MILE 24.6, NEAR LAKE CHARLES, LA (CE 73555)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 29...	.04	.05	.00	2	1	1	1	10	0	8
JULY 01...	.02	.02	.00	1	1	0	0	30	0	6

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 29...	8	5	0	.2	.1	10	0	30	20
JULY 01...	3	2	0	.1	.1	0	0	10	0

DREDGING OPERATIONS STUDY--Continued

300634093200000 CALCASIEU RIVER AT MILE 23.8, NEAR HACKBERRY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	
DEC. 10...	0940	60	110	320	2400	96	60	0	560	4300	.15	
DATE		DIS-SOLVED NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	NON-CARBONATE HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
DEC. 10...	.15	.01	.01	.01	1.5	1.4	.10	.07	23	4	1600	1600
DATE		SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
DEC. 10...	12800	7.2		25	8	6.8	120	2.6	610	8	9.4	.00
DATE		PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
DEC. 10...	16	0	.00	.00	.0	.00	.00	.00	<.01	.00	.00	.00
DATE		TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
DEC. 10...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
DATE		TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	
DEC. 10...	.00	.00	.00	.00	1	0	0	0	<10	0	5	
DATE		DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)		
DEC. 10...		3	3	0	.0	.0	2	0	30	20		

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

300618093194600 CALCASIEU RIVER AT MILE 23.5, NEAR HACKBERRY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL- CIUM (CA) (MG/L)	DIS-SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO- RIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
JAN. 14...	0915	80	110	350	2900	140	68	0	690	5200	.14

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	DIS-SOLVED KJEL- NITRO- GEN (N) (MG/L)	DIS-SOLVED PHOS- PHORUS (P) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDED SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA.MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)
JAN. 14...	.01	1.6	1.1	.08	26	8	14	<1.0	1700	1600	15600

DATE	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
JAN. 14...	7.3	20	15	8.0	1000	2.5	<5	<5	8.2	.00	14

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
JAN. 14...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
JAN. 14...	.00	.00	.00	.00	.00	<.01	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CH) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
JAN. 14...	.00	.00	.00	1	0	0	0	30	0

DATE	TOTAL COPPER (CU) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JAN. 14...	6	2	9	0	.0	.0	3	2	20

DREDGING OPERATIONS STUDY--Continued

300525093192500 CALCASIEU RIVER AT MILE 22.4, NEAR HACKBERRY, LA (CE 73646)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
JUNE 29...	0755	30	40	47	110	1100	40	53	0	240	1900
JULY 01...	0925	60	10	51	93	900	30	24	0	190	1600

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)
JUNE 29...	.04	.01	.25	.19	.81	.20	.01	11	8	20	<1.0
JULY 01...	.04	.01	.18	.07	1.1	.44	.01	15	8	--	--

DATE	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 29...	570	530	6090	7.1	5	30	4.7	50	.9	4.6	.00
JULY 01...	510	490	5330	6.3	20	30	6.4	54	1.1	7.2	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 29...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
JULY 01...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 29...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 01...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

300525093192500 CALCASIEU RIVER AT MILE 22.4, NEAR HACKBERRY, LA (CE 73646)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 29...	.01	.01	.00	1	1	1	1	20	0	6
JULY 01...	.00	.00	.00	2	1	0	0	20	0	17

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 29...	6	5	0	.2	.1	14	0	20	20
JULY 01...	2	8	0	.2	.2	2	0	20	20

DREDGING OPERATIONS STUDY--Continued

300511093193200 CALCASIEU RIVER AT MILE 22.0, NEAR HACKBERRY, LA

WATER QUALITY DATA: WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
FEB. 10...	1100	60	93	250	2200	100	60	0	520	3800	.12

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)
FEB. 10...	.01	1.7	1.6	.03	28	13	33	<1.0	1300	1300	11900

DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
FEB. 10...	7.4	20	20	7.1	190	.8	390	100	7.2	.00	21

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDURIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
FEB. 10...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLOR- INATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
FEB. 10...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB. 10...	.00	.00	.00	0	0	0	0	10	0	6

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
FEB. 10...	6	0	0	.0	.0	6	0	20	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

300419093193600 CALCASIEU RIVER AT MILE 21.0, NEAR HACKBERRY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
JAN. 14...	0950	60	130	400	3400	130	72	0	790	6000	.15

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)
JAN. 14...	.01	1.5	1.2	.05	33	2	16	<1.0	2000	1900	17600

DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
JAN. 14...	7.3	20	10	8.0	1100	2.9	<5	<5	5.2	.00	12

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
JAN. 14...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JAN. 14...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)
JAN. 14...	.00	.00	.00	1	0	0	0	10	0

DATE	TOTAL COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JAN. 14...	6	2	5	0	.0	.0	8	2	30

DREDGING OPERATIONS STUDY--Continued

300353093193900 CALCASIEU RIVER AT MILE 20.5, NEAR HACKBERRY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
JAN. 28...	1015	60	68	200	1800	60	44	0	420	3100	.15
DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)
JAN. 28...	.01	1.4	.85	.08	34	2	30	<1.0	990	950	9510
DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
JAN. 28...	7.3	25	30	7.7	110	2.0	4000	1500	6.2	.00	20
DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
JAN. 28...	15	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00
DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)	
JAN. 28...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00	
DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	
JAN. 28...	.00	.00	.00	1	0	0	0	10	0	3	
DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)		
JAN. 28...	3	3	0	.2	.2	1	0	20	20		

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

300325093194000 CALCASIEU RIVER AT MILE 20.0, NEAR HACKBERRY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL- CIUM (CA) (MG/L)	DIS-SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO- RIDE (CL) (MG/L)	
OCT. 01...	0900	20	51	140	1200	44	33	3	580	1900	
DATE		DIS-SOLVED NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	DIS-SOLVED KJEL. NITRO- GEN (N) (MG/L)	DIS-SOLVED PHOS- PHORUS (P) (MG/L)	SUS- PENDED SOLIDS (MG/L)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)
OCT. 01...	.01	.00	.21	.01	20	700	670	6880	8.7	30	
DATE		TUR- BID- ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)
OCT. 01...	3	8.4	60	2.0	200	10	18	.00	84	0	
DATE		TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
OCT. 01...	.00	.0	.00	.00	.00	.00	<.01	.00	.00	.00	.00
DATE		TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
OCT. 01...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
DATE		TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS-SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	TOTAL COPPER (CU) (UG/L)	
OCT. 01...	.12	.06	.00	1	1	0	0	<10	5		
DATE		DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)	
OCT. 01...	0	2	0	.3	.1	12	0	20	10		

DREDGING OPERATIONS STUDY--Continued

300234093194600 CALCASIEU RIVER AT MILE 19.0, NEAR HACKBERRY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
MAR. 04...	1005	80	40	140	420	3400	130	50	0	820	6200	.21
DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
MAR. 04...	.02	.58	.45	.97	.90	.02	28	8	34	<1.0	2100	2100
DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOLOGICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	
MAR. 04...	18000	7.6	25	10	8.7	120	5.2	<5	<5	4.4	.00	
DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	
MAR. 04...	1	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	
DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRIETHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)	
MAR. 04...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00	
DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)			
MAR. 04...	.00	.00	.00	1	1	1	1	<10	0			
DATE	TOTAL COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)			
MAR. 04...	3	2	0	0	.1	.1	1	0	40			

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

300128093195200 CALCASIEU RIVER AT MILE 17.7, NEAR HACKBERRY, LA (CE 73600)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
JUNE 29...	0840	40	20	110	280	2600	110	65	0	560	4700
30...	1345	120	20	120	320	2800	100	70	0	700	4900

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. N-N-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)
JUNE 29...	.02	.01	.36	--	.96	--	.00	2	1	16	<1.0
30...	.09	.01	.42	.36	1.3	.95	.01	5	3	--	--

DATE	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 29...	1400	1400	13300	7.1	5	15	5.1	80	.6	4.2	.00
30...	1600	1600	14800	7.5	10	10	6.0	110	1.1	5.7	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 29...	6	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
30...	1	0	.00	.0	.00	.00	.00	.01	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 29...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
30...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

300128093195200 CALCASIEU RIVER AT MILE 17.7, NEAR HACKBERRY, LA (CE-73600)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE										
29...	.04	.01	.00	2	2	0	0	20	0	--
30...	.03	.03	.00	1	1	0	0	20	0	6

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE									
29...	7	6	0	.2	.1	6	6	40	0
30...	5	4	0	.1	.1	2	0	30	20

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

300122093195200 CALCASIEU RIVER AT MILE 17.6, NEAR HACKBERRY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
MAR. 31...	0900	90	250	17	36	330	15	27	0	81	580	.32

DATE	DIS-SOLVED NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)
MAR. 31...	.01	.25	.31	.94	.94	.01	121	15	113	<1.0	190

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLIFORM PER 100 ML	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR. 31...	170	2020	7.1	50	90	5.9	28	1.5	15000	12	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
MAR. 31...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL THION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
MAR. 31...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
MAR. 31...	.03	.00	.00	3	0	0	0	10	0	4

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
MAR. 31...	3	10	0	.1	.0	7	0	50	0

DREDGING OPERATIONS STUDY--Continued

300117093195200 CALCASTEU RIVER AT MILE 17.5, NEAR HACKBERRY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
FEB. 18...	1015	40	110	310	2600	120	52	0	640	4500	.19
DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)
FEB. 18...	.01	1.0	.84	.26	34	3	19	<1.0	1600	1600	13800
DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
FEB. 18...	7.7	25	20	7.8	200	1.7	10	<5	9.4	.00	3
DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
FEB. 18...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00
DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)	
FEB. 18...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	
FEB. 18...	.00	.00	.00	1	0	1	1	<10	0	3	
DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)		
FEB. 18...	3	0	0	.1	.0	6	0	10	0		

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

300027093195700 CALCASIEU RIVER AT MILE 16.5, NEAR HACKBERRY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
FEB. 04...	1015	60	58	170	1500	56	42	0	370	2600	.10

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)
FEB. 04...	.01	1.7	1.6	.04	30	5	27	<1.0	840	810	8200

DATE	PH (UNITS)	COLOR (PLAT-INUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
FEB. 04...	7.5	30	20	7.9	80	3.0	70	60	7.2	.00	8

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
FEB. 04...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
FEB. 04...	.00	.00	.00	.00	.00	.00	.0	.00	.0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)
FEB. 04...	.00	.00	.00	1	0	0	0	20	0

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
FEB. 04...	6	9	0	.1	.1	3	0	10	10

DREDGING OPERATIONS STUDY--Continued

295900093200500 CALCASIEU RIVER AT MILE 15.0, NEAR HACKBERRY, LA (CE 73647)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
JUNE 29...	0845	150	30	120	350	3000	120	73	0	680	5400
30...	1400	50	20	130	360	3100	120	70	0	800	5800

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)
JUNE 29...	.02	.01	.29	.20	--	.95	.01	25	14	23	<1.0
30...	.03	.01	.26	.23	1.1	.74	.01	3	2	3	--

DATE	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 29...	1700	1700	16100	7.4	5	10	5.6	80	1.1	4.7	.00
30...	1800	1800	16100	7.7	5	6	7.6	120	2.7	11	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 29...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
30...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 29...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
30...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

295900093200500 CALCASIEU RIVER AT MILE 15.0, near Hackberry, LA (CE 73647)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE										
29...	.00	.00	.00	2	1	0	0	20	0	6
30...	.03	.03	.00	1	1	0	0	20	0	23

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE									
29...	6	9	0	.3	.1	6	4	20	10
30...	5	5	0	.1	.1	2	0	20	10

DREDGING OPERATIONS STUDY--Continued

295840093200600 CALCASIEU RIVER AT MILE 14.5, NEAR HACKBERRY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
FEB. 11...	1115	50	120	340	2900	120	67	0	660	5000	.13
DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)
FEB. 11...	.01	1.3	.83	.03	48	12	48	<1.0	1700	1600	15000
DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
FEB. 11...	7.6	20	20	7.9	340	.9	300	20	7.8	.00	9
DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
FEB. 11...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00
DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)	
FEB. 11...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00	
DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	
FEB. 11...	.00	.00	.00	1	0	0	0	10	0	3	
DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)		
FEB. 11...	2	0	0	.0	.0	5	0	40	10		

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

295740093201200 CALCASIEU RIVER AT MILE 13.4, NEAR HACKBERRY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL- CIUM (CA) (MG/L)	DIS-SOLVED MAG- NE- SIUM (MG)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO- RIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
JAN. 15...	0800	60	220	680	5700	370	153	0	1300	10000	.16

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJEL- DAHL- NITRO- GEN (N) (MG/L)	DIS-SOLVED KJEL- NITRO- GEN (N) (MG/L)	DIS-SOLVED VED- PHOS- PHORUS (P) (MG/L)	TOTAL NON- FILT- HABLE RESIDUE (MG/L)	VOL. NON- FILT- HABLE RESIDUE (MG/L)	SUS- PENDE SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHCS)
JAN. 15...	.01	.79	.28	.03	67	10	53	<1.0	3400	3200	28600

DATE	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTJ)	DIS-SOLVED OXYGEN (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)
JAN. 15...	7.9	10	15	10.2	3.4	<5	<5	6.0	1	1

DATE	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DCT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIH (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
JAN. 15...	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
JAN. 15...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS-SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CH) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)
JAN. 15...	.65	.00	.00	1	0	0	0	<10	0

DATE	TOTAL COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JAN. 15...	2	0	5	0	.0	.0	3	0	20

DREDGING OPERATIONS STUDY--Continued

295820093173500 CALCASIEU LAKE 1.0 MILE EAST OF CALCASIEU SHIP CHANNEL (MILE 13.0), NEAR HACKBERRY, LA (CE 73654)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
JUNE 29...	0950	50	20	110	330	2800	110	52	0	630	5000
30...	1327	270	20	120	340	3000	110	56	0	720	5600

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)
JUNE 29...	.00	.01	.09	.00	.63	.62	.01	10	4	12	<1.0
30...	.00	.00	.10	.02	.74	.53	.01	4	2	7	--

DATE	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 29...	1600	1600	15000	7.2	5	6	6.9	120	4.7	5.1	.00
30...	1700	1700	15800	7.5	5	5	8.4	110	4.8	7.8	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 29...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
30...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 29...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
30...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED BY MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

295820093173500 CALCASIEU LAKE 1.0 MILE EAST OF CALCASIEU SHIP CHANNEL (MILE 13.0), NEAR HACKBERRY, LA (CE 73654)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE										
29...	.28	.05	.00	1	1	1	1	20	0	8
30...	.08	.03	.00	1	1	0	0	30	0	--

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE									
29...	8	8	0	.1	.1	6	5	20	0
30...	7	8	0	.1	.0	2	0	--	30

DREDGING OPERATIONS STUDY--Continued

295713093201500 CALCASIEU RIVER AT MILE 12.9, NEAR HACKBERRY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
JAN. 21...	1145	50	230	670	5700	240	108	0	1300	10000	.06

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)
JAN. 21...	.01	.81	.36	.03	17	2	12	<1.0	3300	3200	27700

DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
JAN. 21...	8.2	40	10	11.2	220	6.4	<5	<5	6.0	.00	6

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
JAN. 21...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
JAN. 21...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JAN. 21...	.00	.00	.00	1	0	0	0	<10	0	3

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JAN. 21...	3	0	0	.3	.3	5	0	160	20

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

295658093201700 CALCASIEU RIVER AT MILE 12.6, NEAR HACKBERRY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
JAN. 15...	0900	70	240	710	5900	230	116	0	1400	10000	.00

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)
JAN. 15...	.01	.78	.42	.03	82	5	66	<1.0	3500	3400	28800

DATE	PH (UNITS)	COLOR (PLAT-INUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
JAN. 15...	7.8	20	25	10.0	150	3.5	20	8	5.4	.00	1

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
JAN. 15...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JAN. 15...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)
JAN. 15...	1	1	0	0	20	0	4	2

DATE	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JAN. 15...	3	0	.2	.0	0	0	40

ANALYSES OF SAMPLES COLLECTED BY MISCELLANEOUS SITES

543

DREDGING OPERATIONS STUDY--Continued

295631093201900 CALCASIEU RIVER AT MILE 12.1, NEAR HACKBERRY, LA (CE 73656)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HC03) (MG/L)	CAR- BONATE (CC3) (MG/L)	DIS- SOLVED SULFATE (S04) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)
JUNE											
29...	1034	80	30	150	420	3600	120	80	0	820	6800
30...	1252	60	10	170	480	4000	150	86	0	950	7500

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO- GEN (N) (MG/L)	DIS- SOLVED AMMONIA NITRO- GEN (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	DIS- SOLVED KJEL- NITRO- GEN (N) (MG/L)	DIS- SOL- VED- PHOS- PHORUS (P) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	VOL. N N- FILT- RA LE RESIDUE (MG/L)	SUS- PENDE SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)
JUNE											
29...	.00	.01	.05	.04	.87	.78	.01	14	8	14	<1.0
30...	.02	.01	.12	.04	1.1	.53	.00	15	8	--	--

DATE	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OX GEN DEMAND 5 DAY (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE											
29...	2100	2000	18400	7.8	5	5	6.7	110	1.8	4.5	.00
30...	2400	2300	20100	7.9	4	5	6.9	78	2.6	5.4	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE											
29...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
30...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
JUNE											
29...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
30...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED BY MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

295631093201900 CALCASIEU RIVER AT MILE 12.1, NEAR HACKBERRY, LA (CE 73656)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE										
29...	.15	.02	.00	2	2	2	2	10	0	6
30...	.03	.02	.00	1	1	0	0	20	0	39

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE									
29...	6	0	0	.2	.1	9	5	20	20
30...	4	4	0	.1	.0	2	0	20	20

DREDGING OPERATIONS STUDY--Continued

295600093202200 CALCASIEU RIVER AT MILE 11.5, NEAR HACKBERRY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE- SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO- RIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
FEB. 06...	1120	100	83	240	2100	74	53	0	510	3600	.35

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	DIS-SOLVED KJEL NITRO- GEN (N) (MG/L)	DIS-SOLVED PHOS- PHORUS (P) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDED SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)
FEB. 06...	.00	1.3	.89	.03	49	9	52	<1.0	1200	1200	11200

DATE	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
FEB. 06...	7.5	20	20	8.3	930	1.4	110	32	7.6	.00	6

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
FEB. 06...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENE S (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
FEB. 06...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB. 06...	.00	.00	.00	1	0	0	0	<10	0	2

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB. 06...	2	0	0	.0	.0	2	0	20	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

295549093202200 CALCASIEU RIVER AT MILE 11.3, NEAR HACKBERRY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
FEB. 11...	0945	40	140	420	3500	140	79	0	880	6000	.10

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)
FEB. 11...	.01	1.4	1.3	.02	35	4	22	<1.0	2100	2000	18800

DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
FEB. 11...	7.6	25	7	9.4	190	1.6	100	20	6.0	.00	15

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
FEB. 11...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
FEB. 11...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB. 11...	.00	.00	.00	1	1	0	0	10	0	1

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
FEB. 11...	0	0	0	.0	.0	6	0	20	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

547

DREDGING OPERATIONS STUDY--Continued

295440093202800 CALCASIEU RIVER AT MILE 10.0, NEAR HACKBERRY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
APR. 07...	1010	70	120	74	190	1800	6.5	45	0	430	3100	.11

DATE	DIS-SOLVED NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L) (HR)	HARDNESS (CA+MG) (MG/L)
APR. 07...	.01	.27	.20	.64	.56	.07	76	17	22	<1.0	970

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
APR. 07...	930	9510	7.2	20	30	6.7	110	1.4	40	15	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
APR. 07...	2	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
APR. 07...	.00	.00	.00	.01	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
APR. 07...	.03	.00	.00	1	1	0	0	<10	0	4

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
APR. 07...	3	3	0	.0	.0	4	0	20	10

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

295349093203300 CALCASIEU RIVER AT MILE 9.0. NEAR HACKBERRY, LA

WATER QUALITY DATA. WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE- SIUM (MG)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO- RIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)
MAR. 24...	0850	60	190	570	4500	300	100	0	1100	8700	.36	.05

DATE	AMMONIA NITRO- GEN (N) (MG/L)	DIS-SOLVED AMMONIA NITRO- GEN (N) (MG/L)	TOTAL KJEL- DAHL- NITRO- GEN (N) (MG/L)	DIS-SOLVED KJEL- NITRO- GEN (N) (MG/L)	DIS-SOLVED PHOS- PHORUS (P) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDE SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)
MAR. 24...	.67	.50	.96	.94	.03	51	21	40	<1.0	2800	2700

DATE	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR. 24...	22900	7.8	5	6	8.1	260	1.6	<5	<5	4.6	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL D1- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
MAR. 24...	0	0	.00	.0	.00	.00	.00	.01	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
MAR. 24...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
MAR. 24...	.00	.00	.00	1	0	0	0	30	0	3

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
MAR. 24...	2	5	0	.0	.0	2	0	30	0

DREDGING OPERATIONS STUDY--Continued

295344093203300 CALCASIEU RIVER AT MILE 8.9, NEAR HACKBERRY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	
MAR. 10...	1225	40	140	190	460	4100	160	91	0	1200	7300	
DATE		DIS-SOLVED NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)
MAR. 10...	.23	.02		.95	.97	1.5	1.3	32	6	20	<1.0	2400
DATE		NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR. 10...	2300	21100		7.9	25	10	290	3.3	100	7	2.8	.00
DATE		PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
MAR. 10...	1	0		.00	.0	.00	.00	.00	.00	.00	.00	.00
DATE		TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRIETHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
MAR. 10...	.00	.00		.00	.00	.00	.00	.00	.0	.00	0	.00
DATE		TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	
MAR. 10...	.09	.00		.00	1	0	0	0	<10	0	7	
DATE		DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)		
MAR. 10...	2	0		0	.1	.0	0	0	20	10		

ANALYSES OF SAMPLES COLLECTED BY MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

295154093204300 CALCASIEU RIVER AT MILE 6.7, NEAR CAMERON, LA (CE 73657)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE- SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
MAR. 10...	1110	50	10	220	670	5400	230	93	0	1400	10000	--
JUNE 29...	1027	60	40	230	650	5400	210	117	0	1300	9800	.00
30...	1225	60	30	66	550	4700	180	56	0	1200	8100	.00

DATE	DIS-SOLVED NITRATE (N) (MG/L)	TOTAL NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	AMMONIA NITRO- GEN (N) (MG/L)	DIS-SOLVED AMMONIA NITRO- GEN (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	DIS-SOLVED KJEL. NITRO- GEN (N) (MG/L)	DIS-SOLVED PHOS- PHORUS (P) (MG/L)	TOTAL FILT- RABLE RESIDUE (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDED SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)
MAR. 10...	.16	--	.04	.49	.41	1.1	.41	.03	151	13	164	<1.0
JUNE 29...	--	.01	--	--	.10	.82	.41	.10	17	14	18	<1.0
30...	--	.01	--	.09	.02	1.1	.82	.01	33	11	12	--

DATE	HARD- NESS (CA+MG) (MG/L)	NON-CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
MAR. 10...	3300	3200	26900	7.8	25	60	8.8	510	3.6	20	13	3.2
JUNE 29...	3300	3200	27100	8.1	20	9	6.0	160	2.1	--	--	4.7
30...	2400	2400	23400	8.0	5	10	8.0	68	.7	--	--	5.0

DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
MAR. 10...	.00	2	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
JUNE 29...	.00	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
30...	.00	2	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPHA- THA- LENE (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
MAR. 10...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JUNE 29...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
30...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

295154093204300 CALCASIEU RIVER AT MILE 6.7, NEAR CAMERON, LA (CE 73657)--Continued

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
MAR. 10...	.20	.00	.00	2	0	0	0	30	0	5
JUNE 29...	.02	.01	.00	2	2	2	2	20	0	--
30...	.00	.00	.00	1	1	0	0	20	0	8

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
MAR. 10...	3	11	0	.0	.0	5	0	0	10
JUNE 29...	9	0	0	.2	.1	7	3	--	20
30...	4	8	0	.1	.0	3	0	40	20

ANALYSES OF SAMPLES COLLECTED BY MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

295055093191000 CALCASIEU LAKE 1.5 MILES EAST OF CALCASIEU SHIP CHANNEL (MILE 6.7), NEAR CAMERON, LA (CE 73652)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HC03) (MG/L)	CAR- BONATE (C03) (MG/L)	DIS- SOLVED SULFATE (S04) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)
JUNE											
29...	1010	70	30	190	540	4400	150	91	0	970	8200
30...	1317	60	30	120	480	4300	160	79	0	1000	8200

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO- GEN (N) (MG/L)	DIS- SOLVED AMMONIA NITRO- GEN (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	DIS- SOL- VED- PHOS- PHORUS (P) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDE SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)
JUNE											
29...	.00	.01	.07	.05	.75	.40	11	3	12	<1.0	2700
30...	.02	.01	.07	.02	1.3	.01	20	14	49	--	2300

DATE	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
JUNE											
29...	2600	22900	7.9	5	8	6.8	130	1.0	4.1	.00	0
30...	2200	20900	7.9	5	5	8.3	120	2.8	7.2	.00	0

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
JUNE											
29...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00
30...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
JUNE										
29...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
30...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

295055093191000 CALCASIEU LAKE 1.5 MILES EAST OF CALCASIEU SHIP CHANNEL (MILE 6.7), NEAR CAMERON, LA (CE 73652)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE										
29...	.08	.02	.00	1	1	--	2	30	0	--
30...	.08	.03	.00	1	1	0	0	40	0	6

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE									
29...	19	5	0	.2	.1	6	5	30	20
30...	4	9	0	.1	.0	0	0	40	40

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

294904093205200 CALCASIEU RIVER AT MILE 3.5, NEAR CAMERON, LA (CE 73658)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
JUNE											
29...	1113	60	40	240	690	5600	200	122	0	1300	10000
30...	1215	130	60	280	850	6100	230	120	0	1500	11000

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VCL. N N- FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)
JUNE											
29...	.00	.01	.07	.05	.52	.21	.01	15	12	14	<1.0
30...	.07	.02	.07	.05	.48	.40	.03	59	16	17	--

DATE	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE											
29...	3400	3300	27800	8.2	5	9	5.7	160	1.3	4.1	--
30...	4200	4100	29500	8.1	3	15	5.7	130	1.4	3.5	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE											
29...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
30...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRIETHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE											
29...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
30...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

294904093205200 CALCASIEU RIVER AT MILE 3.5, NEAR CAMERON, LA (CE 73658)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE										
29...	.07	.00	.00	2	1	2	0	30	0	4
30...	.02	.01	.00	2	1	1	0	20	0	10

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE									
29...	4	16	0	.1	.0	7	0	20	0
30...	3	7	0	.2	.2	8	0	60	40

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

294630093204600 CALCASIEU RIVER AT MILE 1.0, NEAR CAMERON, LA (CE 73650)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
JUNE 29...	1123	50	50	240	710	5800	210	134	0	1300	11000
30...	0937	320	40	250	760	6300	240	132	0	1500	11000

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VCL. FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)
JUNE 29...	.01	.01	.06	.06	.53	.49	.01	14	12	--	3500
30...	.02	.01	.08	.05	.73	.40	.01	86	13	73	3800

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
JUNE 29...	3400	28200	8.3	0	8	6.5	200	1.5	3.9	.00	0
30...	3600	30000	8.2	3	35	5.8	160	2.3	4.3	.00	0

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
JUNE 29...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00
30...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 29...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
30...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

294630093204600 CALCASIEU RIVER AT MILE 1.0, NEAR CAMERON, LA (CE 73650)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D, (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE										
29...	.07	.00	.00	2	1	2	0	30	0	6
30...	.01	.00	.00	2	1	1	0	30	0	11

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE									
29...	6	15	0	.2	.0	10	3	20	20
30...	4	9	0	.3	.3	8	0	--	40

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

295100093222500 CALCASIEU LAKE (WEST COVE) AT RABBIT ISLAND, NEAR CAMERON, LA (CE 73651)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
JUNE 29...	1050	60	40	190	570	4600	130	89	0	1100	8400
30...	1240	70	30	190	570	4600	180	90	0	1200	8600

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)
JUNE 29...	.01	.00	.05	.02	.68	.68	.01	11	8	--	2800
30...	.01	.00	.09	.04	--	.98	.01	46	8	36	2800

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
JUNE 29...	2700	23200	7.7	5	7	6.5	110	--	5.1	.00	0
30...	2700	23700	7.8	3	15	7.6	110	2.3	5.7	.00	2

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
JUNE 29...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00
30...	0	.00	.0	.00	.00	.00	.01	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 29...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
30...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

295100093222500 CALCASIEU LAKE (WEST COVE) AT RABBIT ISLAND, NEAR CAMERON, LA (CE 73651)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE										
29...	.01	.00	.00	2	2	1	0	20	0	--
30...	--	--	--	2	1	0	0	20	0	7

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE									
29...	10	0	0	.1	.1	10	2	20	20
30...	3	4	0	.1	.0	7	0	30	20

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

294530093201200 GULF OF MEXICO 300 YARDS EAST OF CALCASIEU SHIP CHANNEL AT MILE -0.4

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)
SEP. 08...	0945	50	30	320	980	8500	400	135	0	2000	16000
08...	1150	60	30	310	980	8300	340	133	0	2000	15000

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITRO- GEN (N) (MG/L)	DIS- SOLVED AMMONIA NITRO- GEN (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	DIS- SOLVED KJEL- NITRO- GEN (N) (MG/L)	DIS- SOL- VED- PHOS- PHORUS (P) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDE SOLIDS (MG/L)	HARD- NESS (CA+MG) (MG/L)
SEP. 08...	.00	.01	.12	.10	.42	.28	.03	24	0	32	4800
08...	.01	.01	.14	.14	.47	.46	.05	36	13	24	4800

DATE	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICHO- MHOS)	PH	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
SEP. 08...	4700	39500	8.1	7.3	170	2.6	<5	<5	6.7	.00	1
08...	4700	38400	8.0	7.0	149	1.6	160	36	3.4	.00	2

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL CHLOR- DANE (UG/L)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA- TERIAL (UG/KG)
SEP. 08...	1	.00	--	.0	--	.00	--	.00	--	.00	--
08...	0	.00	.0	.0	0	.00	.0	.00	.0	.00	.0

DATE	TOTAL DI- AZINON (UG/L)	DI- AZINON IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DI- ELDRIN (UG/L)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ETHION (UG/L)	ETHION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL HEPTA- CHLOR (UG/L)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)
SEP. 08...	.00	--	.00	--	.00	--	.00	--	.00	--
08...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0

DREDGING OPERATIONS STUDY--Continued

294530093201200 GULF OF MEXICO 300 YARDS EAST OF CALCASIEU SHIP CHANNEL AT MILE -0.4--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	MALA- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL METHYL PARA- THION (UG/L)	METHYL PARA- THION IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL METHYL TRI- THION (UG/L)	METHYL TRI- THION IN BOT- TOM MA- TERIAL (UG/KG)
SEP.										
08...	.00	--	.00	--	.00	--	.00	--	.00	--
08...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0

DATE	TOTAL PARA- THION (UG/L)	PARA- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL TRI- THION (UG/L)	TRI- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL 2,4-D (UG/L)
SEP.										
08...	.00	--	.0	--	.00	0	--	.00	--	.00
08...	.00	.0	.0	0	.00	0	0	.00	.0	.00

DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
SEP.									
08...	.00	.00	1	1	0	0	30	0	4
08...	.00	.00	1	1	0	0	20	0	3

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
SEP.									
08...	3	2	0	.0	.0	3	1	50	40
08...	3	3	1	.0	.0	3	1	50	50

294524093203600 CALCASIEU RIVER SHIP CHANNEL AT MILE -0.4

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

		ALDRIN IN BOTTOM MA- TERIAL	CHLOR- DANE IN BOTTOM MA- TERIAL	DDD IN BOTTOM MA- TERIAL	DDE IN BOTTOM MA- TERIAL	DUT IN BOTTOM MA- TERIAL	DI- AZINON IN BOTTOM MA- TERIAL	DI- ELDRIN IN BOTTOM MA- TERIAL	ENDRIN IN BOTTOM MA- TERIAL	ETHION IN BOTTOM MA- TERIAL	
DATE	TIME	(UG/KG)	(UG/KG)	(UG/KG)	(UG/KG)	(UG/KG)	(UG/KG)	(UG/KG)	(UG/KG)	(UG/KG)	
SEP. 08...	0915	.0	0	.0	.0	.0	.0	.0	.0	.0	
08...	1215	.0	0	.0	.0	.0	.0	.0	.0	.0	
		HEPTA- CHLOR IN BOTTOM MA- TERIAL	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL	LINDANE IN BOTTOM MA- TERIAL	MALA- THON IN BOTTOM MA- TERIAL	METHYL PARA- THON IN BOT- TOM MA- TERIAL	METHYL TRI- THON IN BOT- TOM MA- TERIAL	PARA- THON IN BOTTOM MA- TERIAL	PCB IN BOTTOM MA- TERIAL	TOX- APHENE IN BOTTOM MA- TERIAL	TRI- THON IN BOTTOM MA- TERIAL
DATE		(UG/KG)	(UG/KG)	(UG/KG)	(UG/KG)	(UG/KG)	(UG/KG)	(UG/KG)	(UG/KG)	(UG/KG)	(UG/KG)
SEP. 08...	.0	.0	.0	.0	.0	.0	.0	.0	0	0	.0
08...	.0	.0	.0	.0	.0	.0	.0	.0	16	0.	.0

DREDGING OPERATIONS STUDY--Continued

294522093205900 GULF OF MEXICO 300 YARDS WEST OF CALCASIEU SHIP CHANNEL AT MILE -0.4

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
SEP.											
08...	1000	90	30	320	990	8400	350	135	0	2000	15000
08...	1200	70	30	320	980	8400	340	144	0	2000	16000

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)
SEP.											
08...	.00	.01	.13	.13	.35	.35	.03	21	11	28	4900
08...	.00	.01	.08	.07	.47	.43	.03	44	19	41	4800

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOLOGICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
SEP.											
08...	4800	39000	8.1	7.8	139	2.9	<5	<5	6.4	.00	3
08...	4700	39300	8.0	8.1	173	3.6	<5	<5	4.8	.00	2

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL CHLORDANE (UG/L)	CHLORDANE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MATERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MATERIAL (UG/KG)
SEP.											
08...	0	.00	.0	.0	0	.00	.0	.00	.0	.00	.0
08...	0	.00	.0	.0	0	.00	.0	.00	.0	.00	.0

DATE	TOTAL DIAZINON (UG/L)	DIAZINON IN BOTTOM MATERIAL (UG/KG)	TOTAL DIELDRIN (UG/L)	DIELDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL ETHION (UG/L)	ETHION IN BOTTOM MATERIAL (UG/KG)	TOTAL HEPTACHLOR (UG/L)	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG)
SEP.										
08...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0
08...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

294522093205900 GULF OF MEXICO 300 YARDS WEST OF CALCASIEU SHIP CHANNEL AT MILE -0.4--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	MALA- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL METHYL PARA- THION (UG/L)	METHYL PARA- THION IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL METHYL TRI- THION (UG/L)	METHYL TRI- THION IN BOT- TOM MA- TERIAL (UG/KG)
SEP.										
08...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0
08...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0

DATE	TOTAL PARA- THION (UG/L)	PARA- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLOR- INATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL TRI- THION (UG/L)	TRI- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL 2,4-D (UG/L)
SEP.										
08...	.00	.0	.0	0	.00	0	0	.00	.0	.00
08...	.00	.0	.0	0	.00	0	0	.00	.0	.00

DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
SEP.									
08...	.00	.00	1	1	0	0	20	0	4
08...	.00	.00	2	1	0	0	20	0	4

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
SEP.									
08...	4	3	3	.0	.0	3	1	50	40
08...	3	3	0	.0	.0	4	2	40	40

DREDGING OPERATIONS STUDY--Continued

294320093200000 GULF OF MEXICO 200 YARDS EAST OF CALCASIEU SHIP CHANNEL AT MILE -2.9

WATER QUALITY DATA: WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)
SEP. 08...	0930	50	40	330	990	8600	350	176	0	2100	18000
08...	1130	60	40	320	940	8600	360	137	0	2100	16000

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITRO- GEN (N) (MG/L)	DIS- SOLVED AMMONIA NITRO- GEN (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	DIS- SOLVED KJEL- NITRO- GEN (N) (MG/L)	DIS- SOL- VED- PHOS- PHORUS (P) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDE SOLIDS (MG/L)	HARD- NESS (CA+MG) (MG/L)
SEP. 08...	.01	.00	.10	.10	.34	.26	.03	39	23	29	4900
08...	.00	.01	.16	.04	.26	.26	.03	14	1	10	4700

DATE	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MOS)	PH	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
SEP. 08...	4800	40200	8.2	7.7	173	1.7	<5	<5	3.6	.00	1
08...	4600	40200	8.2	7.9	134	2.3	<5	<5	3.6	.00	3

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL CHLOR- DANE (UG/L)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA- TERIAL (UG/KG)
SEP. 08...	2	.00	.0	.0	0	.00	.0	.00	.0	.00	.0
08...	0	.00	.0	.0	0	.00	.0	.00	.0	.00	.0

DATE	TOTAL DI- AZINON (UG/L)	DI- AZINON IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DI- ELDRIN (UG/L)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ETHION (UG/L)	ETHION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL HEPTA- CHLOR (UG/L)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)
SEP. 08...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0
08...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

294320093200000 GULF OF MEXICO 200 YARDS EAST OF CALCASIEU SHIP CHANNEL AT MILE -2.9--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	MALA- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL METHYL PARA- THION (UG/L)	METHYL PARA- THION IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL METHYL TRI- THION (UG/L)	METHYL TRI- THION IN BOT- TOM MA- TERIAL (UG/KG)
SEP.										
08...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0
08...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0

DATE	TOTAL PARA- THION (UG/L)	PARA- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL TRI- THION (UG/L)	TRI- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL 2,4-D (UG/L)
SEP.										
08...	.00	.0	.0	13	.00	0	0	.00	.0	.00
08...	.00	.0	.0	0	.00	0	0	.00	.0	.00

DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
SEP.									
08...	.00	.00	2	1	0	0	10	0	3
08...	.00	.00	3	1	0	0	20	0	2

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (Zn) (UG/L)	DIS- SOLVED ZINC (Zn) (UG/L)
SEP.									
08...	3	2	2	.0	.0	3	1	50	40
08...	2	2	0	.0	.0	2	2	50	30

DREDGING OPERATIONS STUDY--Continued

294310093200500 GULF OF MEXICO AT CALCASIEU SHIP CHANNEL AT MILE -2.9 (CE 96142)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
JUNE 29...	1319	60	40	230	650	5400	210	121	0	1300	9900
30...	0915	50	50	270	770	6500	250	130	0	1700	12000
SEP. 08...	0915	--	--	--	--	--	--	--	--	--	--
08...	1120	--	--	--	--	--	--	--	--	--	--

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA, MG) (MG/L)
JUNE 29...	.07	.01	--	.08	--	.43	.01	9	7	9	3300
30...	.02	.01	.06	.07	.45	.38	.05	34	18	24	3800
SEP. 08...	--	--	--	--	--	--	--	--	--	--	--
08...	--	--	--	--	--	--	--	--	--	--	--

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
JUNE 29...	3200	26600	8.4	5	4	6.5	160	1.2	3.2	.00	0
30...	3700	30800	8.3	2	20	6.7	360	1.7	4.2	.00	0
SEP. 08...	--	--	--	--	--	--	--	--	--	--	--
08...	--	--	--	--	--	--	--	--	--	--	--

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL CHLORDANE (UG/L)	CHLORDANE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MATERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MATERIAL (UG/KG)
JUNE 29...	0	.00	--	.0	--	.00	--	.00	--	.00	--
30...	0	.00	--	.0	--	.00	--	.00	--	.00	--
SEP. 08...	--	--	.0	--	0	--	.0	--	.0	--	.0
08...	--	--	.0	--	0	--	.0	--	.0	--	.0

DATE	TOTAL DIAZINON (UG/L)	DIAZINON IN BOTTOM MATERIAL (UG/KG)	TOTAL DIELDRIN (UG/L)	DIELDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL ETHION (UG/L)	ETHION IN BOTTOM MATERIAL (UG/KG)	TOTAL HEPTACHLOR (UG/L)	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG)
JUNE 29...	.00	--	.00	--	.00	--	.00	--	.00	--
30...	.00	--	.00	--	.00	--	.00	--	.00	--
SEP. 08...	--	.0	--	.0	--	.0	--	.0	--	.0
08...	--	.0	--	.0	--	.0	--	.0	--	.0

294310093200500 GULF OF MEXICO AT CALCASIEU SHIP CHANNEL AT MILE -2.9 (CE 96142)--Continued

DATE	TOTAL HEPTA- CHLOR EPCXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	MALA- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL METHYL PARA- THION (UG/L)	METHYL PARA- THION IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL METHYL TRI- THION (UG/L)	METHYL TRI- THION IN BOT- TOM MA- TERIAL (UG/KG)
JUNE										
29...	.00	--	.00	--	.00	--	.00	--	.00	--
30...	.00	--	.00	--	.00	--	.00	--	.00	--
SEP.										
08...	--	.0	--	.0	--	.0	--	.0	--	.0
08...	--	.0	--	.0	--	.0	--	.0	--	.0

DATE	TOTAL PARA- THION (UG/L)	PARA- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL TRI- THION (UG/L)	TRI- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL 2+4-D (UG/L)
JUNE										
29...	.00	--	.0	--	.00	0	--	.00	--	.05
30...	.00	--	.0	--	.00	0	--	.00	--	.10
SEP.										
08...	--	.0	--	0	--	--	0	--	.0	--
08...	--	.0	--	0	--	--	0	--	.0	--

[illegible][illegible]

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

569

DREDGING OPERATIONS STUDY--Continued

294310093200600 GULF OF MEXICO 300 YARDS WEST OF CALCASIEU SHIP CHANNEL AT MILE -2.9

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 29...	1326	50	40	230	710	5700	210	208	0	1300	10000	.00
30...	0855	50	50	270	770	6500	250	130	0	1700	12000	.02
SEP. 08...	0905	60	30	310	980	8600	360	136	0	2100	16000	.00
08...	1115	60	40	310	990	8600	360	216	0	2100	15000	.00

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 29...	.01	.10	.37	--	.45	.01	5	4	14	3500	3300
30...	.01	--	.07	.45	.38	.05	34	18	24	3800	3700
SEP. 08...	.01	.14	.11	.42	.31	.03	47	13	51	4800	4700
08...	.01	.16	.08	.33	.31	.03	52	10	50	4900	4700

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 29...	27900	8.3	0	6	6.0	--	--	--	--	3.7	.00
30...	30800	8.3	2	10	6.6	--	2.6	--	--	4.2	.00
SEP. 08...	40200	8.2	--	--	7.8	134	1.2	<5	<5	2.5	.00
08...	39600	8.1	--	--	8.2	115	3.5	<5	<5	3.6	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL CHLORDANE (UG/L)	CHLORDANE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MATERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MATERIAL (UG/KG)	TOTAL DDT (UG/L)
JUNE 29...	0	0	.00	--	.0	--	.00	--	.00	--	.00
30...	0	0	.00	--	.0	--	.00	--	.00	--	.00
SEP. 08...	4	0	.00	.0	.0	0	.00	.0	.00	.0	.00
08...	5	0	.00	.0	.0	0	.00	.0	.00	.0	.00

DATE	DDT IN BOTTOM MATERIAL (UG/KG)	TOTAL DDT (UG/L)	DI-ELDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL DI-ELDRIN (UG/L)	DI-ELDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL ETHION (UG/L)	ETHION IN BOTTOM MATERIAL (UG/KG)	TOTAL HEPTACHLOR (UG/L)	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG)
JUNE 29...	--	.00	--	.00	--	.00	--	.00	--	.00	--
30...	--	.01	--	.00	--	.00	--	.00	--	.00	--
SEP. 08...	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0
08...	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

294310093200600 GULF OF MEXICO 300 YARDS WEST OF CALCASIEU SHIP CHANNEL AT MILE -2.9--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	MALA- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL METHYL PARA- THION (UG/L)	METHYL PARA- THION IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL METHYL TRI- THION (UG/L)	METHYL TRI- THION IN BOT- TOM MA- TERIAL (UG/KG)
JUNE										
29...	.00	--	.00	--	.00	--	.00	--	.00	--
30...	.00	--	.00	--	.00	--	.00	--	.00	--
SEP.										
08...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0
08...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0

DATE	TOTAL PARA- THION (UG/L)	PARA- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL TRI- THION (UG/L)	TRI- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL 2,4-D (UG/L)
JUNE										
29...	.00	--	.0	--	.00	0	--	.00	--	.13
30...	.00	--	.0	--	.00	0	--	.00	--	.06
SEP.										
08...	.00	.0	.0	0	.00	0	0	.00	.0	.00
08...	.00	.0	.0	0	.00	0	0	.00	.0	.00

DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE									
29...	.00	.00	2	2	1	0	30	0	6
30...	.00	.00	2	2	0	0	30	0	6
SEP.									
08...	.00	.00	2	1	0	0	20	0	3
08...	.00	.00	3	0	0	0	20	0	3

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE									
29...	5	3	0	.2	.2	9	0	--	40
30...	3	8	0	.1	.1	6	0	40	20
SEP.									
08...	3	2	1	.0	.0	3	3	40	30
08...	3	3	1	.0	.0	5	2	40	20

571

294054093195000 GULF OF MEXICO AT CALCASTEU SHIP CHANNEL AT MILE -5.6

[illegible]

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

294054093202000 GULF OF MEXICO 300 YARDS WEST OF CALCASIEU SHIP CHANNEL AT MILE -5.6

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
SEP. 07...	1530	70	30	320	1000	8600	400	136	0	2100	16000
08...	0840	40	40	320	990	8600	370	135	0	2100	16000

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)
SEP. 07...	.01	.00	.08	.08	.31	.19	.03	29	12	31	4900
08...	.00	.01	.10	.04	.40	.21	.06	39	11	47	4900

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOLOGICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
SEP. 07...	4800	39900	8.1	8.0	134	.3	<5	<5	2.4	.00	1
08...	4800	39800	8.1	7.5	95	2.8	<5	<5	2.3	.00	5

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL CHLORDANE (UG/L)	CHLORDANE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MATERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MATERIAL (UG/KG)
SEP. 07...	0	.00	.0	.0	0	.00	.0	.00	.0	.00	.0
08...	0	.00	.0	.0	0	.00	.0	.00	.0	.00	.0

DATE	TOTAL DIAZINON (UG/L)	DIAZINON IN BOTTOM MATERIAL (UG/KG)	TOTAL DIELDRIN (UG/L)	DIELDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL ETHION (UG/L)	ETHION IN BOTTOM MATERIAL (UG/KG)	TOTAL HEPTACHLOR (UG/L)	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG)
SEP. 07...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0
08...	.04	.0	.00	.0	.00	.0	.00	.0	.00	.0

DREDGING OPERATIONS STUDY--Continued

294054093202000 GULF OF MEXICO 300 YARDS WEST OF CALCASIEU SHIP CHANNEL AT MILE -5.6--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	MALA- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL METHYL PARA- THION (UG/L)	METHYL PARA- THION IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL METHYL TRI- THION (UG/L)	METHYL TRI- THION IN BOT- TOM MA- TERIAL (UG/KG)
SEP.										
07...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0
08...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0

DATE	TOTAL PARA- THION (UG/L)	PARA- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL TRI- THION (UG/L)	TRI- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL 2,4-D (UG/L)
SEP.										
07...	.00	.0	.0	16	.00	0	0	.00	.0	.00
08...	.00	.0	.0	0	.00	0	0	.00	.0	.00

DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
SEP.									
07...	.00	.00	2	2	0	0	20	0	3
08...	.00	.00	1	1	0	0	20	0	3

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
SEP.									
07...	3	3	1	.0	.0	3	1	60	40
08...	3	2	1	.0	.0	3	1	40	40

DREDGING OPERATIONS STUDY--Continued

293620093190500 GULF OF MEXICO AT CALCASIEU RIVER SHIP CHANNEL AT MILE -12.0 (CE 96139)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

[illegible][illegible][illegible]

DREDGING OPERATIONS STUDY--Continued

293620093190500 GULF OF MEXICO AT CALCASIEU RIVER SHIP CHANNEL AT MILE -12.0 (CE 96139)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL CHLOR- DANE (UG/L)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDT (UG/L)
DEC. 11...	.00	0	0	.00	--	.0	--	.00	--	.00	--	.00
18...	.00	0	0	.00	--	.0	--	.00	--	.00	--	.00
JUNE 29...	.00	0	0	.00	--	.0	--	.00	--	.00	--	.00
30...	.00	0	0	.00	--	.0	--	.00	--	.00	--	.00
SEP. 07...	--	--	--	--	.0	--	0	--	.0	--	.0	--
07...	--	--	--	--	.0	--	0	--	.0	--	.0	--

DATE	DDT IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DI- AZINON (UG/L)	DI- AZINON IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DI- ELDRIN (UG/L)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ETHION (UG/L)	ETHION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL HEPTA- CHLOR (UG/L)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)
DEC. 11...	--	.00	--	<.01	--	.00	--	.00	--	.00	--
18...	--	.00	--	.00	--	.00	--	.00	--	.00	--
JUNE 29...	--	.00	--	.00	--	.00	--	.00	--	.00	--
30...	--	.01	--	.00	--	.00	--	.00	--	.00	--
SEP. 07...	.0	--	.0	--	.0	--	.0	--	.0	--	.0
07...	.0	--	.0	--	.0	--	.0	--	.0	--	.0

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	MALA- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL METHYL PARA- THION (UG/L)	METHYL PARA- THION IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL METHYL TRI- THION (UG/L)	METHYL TRI- THION IN BOT- TOM MA- TERIAL (UG/KG)
DEC. 11...	.00	--	.00	--	.00	--	.00	--	.00	--
18...	.00	--	.00	--	.00	--	.00	--	.00	--
JUNE 29...	.00	--	.00	--	.00	--	.00	--	.00	--
30...	.00	--	.00	--	.00	--	.00	--	.00	--
SEP. 07...	--	.0	--	.0	--	.0	--	.0	--	.0
07...	--	.0	--	.0	--	.0	--	.0	--	.0

DREDGING OPERATIONS STUDY--Continued

293619093190600 GULF OF MEXICO 300 YARDS SOUTHWEST OF CALCASIEU SHIP CHANNEL AT MILE -12.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 29...	1400	50	50	260	770	6300	240	125	0	1400	11000	.01
30...	0822	100	40	250	770	6400	250	124	4	1600	12000	.00
SEP. 07...	0930	70	40	330	990	8800	410	140	0	2200	16000	.01
07...	1505	50	40	330	970	8600	370	140	0	2200	16000	.00

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED VED-PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 29...	.01	.07	.07	.97	.64	.01	3	2	--	3800	3700
30...	.01	.07	.06	--	.43	.05	16	13	--	3800	3700
SEP. 07...	.00	.10	.05	.24	.18	.05	41	8	42	4900	4800
07...	.02	.21	.06	.83	.51	.05	28	2	31	4800	4700

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM PER 100 ML	FECAL COLIFORM PER 100 ML	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 29...	30100	8.2	2	2	7.3	--	1.7	--	--	4.3	.00
30...	29900	8.4	3	3	7.6	--	2.0	--	--	2.8	.00
SEP. 07...	41200	8.1	--	--	7.7	193	1.0	<5	<5	3.0	.00
07...	40600	8.0	--	--	8.0	139	.5	<5	<5	7.4	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL CHLORDANE (UG/L)	CHLORDANE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MATERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDT (UG/L)
JUNE 29...	--	0	.00	--	.0	--	.00	--	.00	--	.00
30...	2	0	.00	--	.0	--	.00	--	.00	--	.00
SEP. 07...	7	0	.00	.0	.0	0	.00	.0	.00	.0	.00
07...	3	0	.00	.0	.0	0	.00	.0	.00	.0	.00

DATE	DDT IN BOTTOM MATERIAL (UG/KG)	TOTAL DIAZINON (UG/L)	DIAZINON IN BOTTOM MATERIAL (UG/KG)	TOTAL DIELDRIN (UG/L)	DIELDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL ETHION (UG/L)	ETHION IN BOTTOM MATERIAL (UG/KG)	TOTAL HEPTACHLOR (UG/L)	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG)
JUNE 29...	--	.00	--	.00	--	.00	--	.00	--	.00	--
30...	--	.00	--	.00	--	.00	--	.00	--	.00	--
SEP. 07...	.0	.08	.0	.00	.0	.00	.0	.00	.0	.00	.0
07...	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

293619093190600 GULF OF MEXICO 300 YARDS SOUTHWEST OF CALCASIEU SHIP CHANNEL AT MILE -12.0--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	MALA- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL METHYL PARA- THION (UG/L)	METHYL PARA- THION IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL METHYL TRI- THION (UG/L)	METHYL TRI- THION IN BOT- TOM MA- TERIAL (UG/KG)
JUNE										
29...	.00	--	.00	--	.00	--	.00	--	.00	--
30...	.00	--	.00	--	.00	--	.00	--	.00	--
SEP.										
07...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0
07...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0

DATE	TOTAL PARA- THION (UG/L)	PARA- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLOR- INATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL TRI- THION (UG/L)	TRI- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL 2,4-D (UG/L)
JUNE										
29...	.00	--	.0	--	.00	0	--	.00	--	.00
30...	.00	--	.0	--	.00	0	--	.00	--	.09
SEP.										
07...	.00	.0	.0	16	.00	0	0	.00	.0	.00
07...	.00	.0	.0	0	.00	0	0	.00	.0	.00

DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE									
29...	.00	.00	1	1	1	0	30	0	6
30...	.00	.00	1	1	0	0	30	0	6
SEP.									
07...	.00	.00	2	0	0	0	20	0	3
07...	.00	.00	2	1	0	0	20	0	2

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE									
29...	3	6	6	.2	.2	9	0	40	40
30...	6	5	0	.1	.1	5	0	--	60
SEP.									
07...	3	3	1	.0	.0	2	1	50	30
07...	2	3	2	.0	.0	2	2	50	40

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

579

DREDGING OPERATIONS STUDY--Continued

292900093132700 GULF OF MEXICO AT CALCASIEU SHIP CHANNEL AT MILE -21.5 (CE 96149)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
JUNE 29...	1445	110	60	280	820	7000	250	135	0	1800	13000
30...	0715	170	60	260	780	6500	250	132	0	1400	12000
SEP. 07...	1030	--	--	--	--	--	--	--	--	--	--
07...	1445	--	--	--	--	--	--	--	--	--	--

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)
JUNE 29...	.08	.00	.11	.69	.36	.02	6	4	4100	4000	32800
30...	.00	.01	.08	--	.38	.04	22	17	3900	3800	30400
SEP. 07...	--	--	--	--	--	--	--	--	--	--	--
07...	--	--	--	--	--	--	--	--	--	--	--

DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)
JUNE 29...	8.2	4	1	7.4	140	1.4	6.6	.00	3	0
30...	8.3	1	3	7.7	93	2.5	5.2	.00	1	0
SEP. 07...	--	--	--	--	--	--	--	--	--	--
07...	--	--	--	--	--	--	--	--	--	--

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL CHLORDANE (UG/L)	CHLORDANE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MATERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MATERIAL (UG/KG)
JUNE 29...	.00	--	.0	--	.00	--	.00	--	.00	--
30...	.00	--	.0	--	.00	--	.00	--	.00	--
SEP. 07...	--	.0	--	0	--	.0	--	.0	--	.0
07...	--	.0	--	0	--	.0	--	.0	--	.0

DATE	TOTAL DIAZINON (UG/L)	DIAZINON IN BOTTOM MATERIAL (UG/KG)	TOTAL DIELDRIN (UG/L)	DIELDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL ETHION (UG/L)	ETHION IN BOTTOM MATERIAL (UG/KG)	TOTAL HEPTACHLOR (UG/L)	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG)
JUNE 29...	.00	--	.00	--	.00	--	.00	--	.00	--
30...	.00	--	.00	--	.00	--	.00	--	.00	--
SEP. 07...	--	.0	--	.0	--	.0	--	.0	--	.0
07...	--	.0	--	.0	--	.0	--	.0	--	.0

DREDGING OPERATIONS STUDY--Continued

292900093132700 GULF OF MEXICO AT CALCASIEU SHIP CHANNEL AT MILE -21.5 (CE 96149)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	MALA- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL METHYL PARA- THION (UG/L)	METHYL PARA- THION IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL METHYL TRI- THION (UG/L)	METHYL TRI- THION IN BOT- TOM MA- TERIAL (UG/KG)
JUNE										
29...	.00	--	.00	--	.00	--	.00	--	.00	--
30...	.00	--	.00	--	.00	--	.00	--	.00	--
SEP.										
07...	--	.0	--	.0	--	.0	--	.0	--	.0
07...	--	.0	--	.0	--	.0	--	.0	--	.0

DATE	TOTAL PARA- THION (UG/L)	PARA- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL TRI- THION (UG/L)	TRI- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL 2,4-D (UG/L)
JUNE										
29...	.00	--	.0	--	.00	0	--	.00	--	.12
30...	.00	--	.0	--	.00	0	--	.00	--	.11
SEP.										
07...	--	.0	--	7	--	--	0	--	.0	--
07...	--	.0	--	0	--	--	0	--	.0	--

[illegible][illegible]

DREDGING OPERATIONS STUDY--Continued

292900093132800 GULF OF MEXICO 300 YARDS WEST OF CALCASIEU SHIP CHANNEL AT MILE -21.5

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 29...	1435	70	60	280	830	7000	290	133	0	1700	13000	.01
JUNE 30...	0730	100	50	260	760	6500	250	132	0	1600	12000	.64
SEP. 07...	1020	70	30	320	1000	8800	370	145	0	2200	16000	.01
SEP. 07...	1430	70	30	330	970	8800	370	139	0	2200	16000	.01

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 29...	.00	.07	.07	.44	.38	.01	15	12	--	4100	4000
JUNE 30...	.00	.07	.07	.38	.38	.04	25	15	--	3800	3700
SEP. 07...	.00	.14	.14	.26	.26	.03	38	4	42	4900	4800
SEP. 07...	.00	.14	.14	.25	.25	.04	17	5	15	4800	4700

DATE	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 29...	32700	8.3	4	3	7.6	--	.7	--	--	4.2	.00
JUNE 30...	30600	8.3	1	2	7.8	--	2.3	--	--	5.8	.00
SEP. 07...	40400	8.1	--	--	8.0	124	.1	<5	<5	3.6	.00
SEP. 07...	41100	8.2	--	--	7.6	168	.1	<5	<5	3.0	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL CHLORDANE (UG/L)	CHLORDANE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MATERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDT (UG/L)
JUNE 29...	1	0	.00	--	.0	--	.00	--	.00	--	.00
JUNE 30...	0	0	.00	--	.0	--	.00	--	.00	--	.00
SEP. 07...	4	0	.00	.0	.0	0	.00	.0	.00	.0	.00
SEP. 07...	4	0	.00	.0	.0	0	.00	.0	.00	.0	.00

DATE	DDT IN BOTTOM MATERIAL (UG/KG)	TOTAL DIAZINON (UG/L)	DI-AZINON IN BOTTOM MATERIAL (UG/KG)	TOTAL DIELDRIN (UG/L)	DI-ELDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL ETHION (UG/L)	ETHION IN BOTTOM MATERIAL (UG/KG)	TOTAL HEPTACHLOR (UG/L)	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG)
JUNE 29...	--	.00	--	.00	--	.00	--	.00	--	.00	--
JUNE 30...	--	.00	--	.00	--	.00	--	.00	--	.00	--
SEP. 07...	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0
SEP. 07...	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

292900093132800 GULF OF MEXICO 300 YARDS WEST OF CALCASIEU SHIP CHANNEL AT MILE -21.5--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	MALA- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL METHYL PARA- THION (UG/L)	METHYL PARA- THION IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL METHYL TRI- THION (UG/L)	METHYL TRI- THION IN BOT- TOM MA- TERIAL (UG/KG)
JUNE										
29...	.00	--	.00	--	.00	--	.00	--	.00	--
30...	.00	--	.00	--	.00	--	.00	--	.00	--
SEP.										
07...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0
07...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0

DATE	TOTAL PARA- THION (UG/L)	PARA- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL TRI- THION (UG/L)	TRI- THION IN BOTTOM MA- TERIAL (UG/KG)	TOTAL 2,4-D (UG/L)
JUNE										
29...	.00	--	.0	--	.00	0	--	.00	--	.07
30...	.00	--	.0	--	.00	0	--	.00	--	.17
SEP.										
07...	.00	.0	.0	0	.00	0	0	.00	.0	.00
07...	.00	.0	.0	12	.00	0	0	.00	.0	.00

DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE									
29...	.00	.00	1	1	0	0	40	0	7
30...	.00	.00	1	1	0	0	20	0	26
SEP.									
07...	.00	.00	2	1	0	0	30	0	4
07...	.00	.00	2	1	0	0	30	0	3

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE									
29...	3	5	0	.1	.1	0	0	30	20
30...	3	15	0	.1	.1	2	0	50	20
SEP.									
07...	4	4	4	.0	.0	3	3	50	30
07...	3	2	1	.0	.0	3	3	40	40

DREDGING OPERATIONS STUDY--Continued

302543091162400 INTRACOASTAL WATERWAY (MORGAN CITY TO PORT ALLEN) AT MILE 60.0, NEAR PORT ALLEN, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	
JUNE 26...	1115	0	10	42	13	22	3.0	142	0	51	24	1.6	
DATE		TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 26...		.01	.02	.01	.42	.42	.08	28	7	24	<1.0	160	42
DATE		SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	
JUNE 26...		426	8.1	5	30	8.2	22	1.3	220	<5	7.2	.00	
DATE		PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	
JUNE 26...		5	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	
DATE		TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)	
JUNE 26...		.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00	
DATE		TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)		
JUNE 26...		.00	.01	.00	3	2	0	0	20	0	3		
DATE		DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)			
JUNE 26...		0	7	0	.2	.2	4	0	20	20			

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

302257091192500 INTRACOASTAL WATERWAY (MORGAN CITY TO PORT ALLEN) AT MILE 55.0, NEAR PORT ALLEN, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 26...	1100	10	10	43	13	22	3.0	141	0	52	26	1.6

DATE	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 26...	.01	.02	.34	.32	.12	18	0	25	<1.0	160	45

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 26...	432	8.1	0	25	8.6	22	1.3	20	<5	6.5	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 26...	3	0	.00	.0	.00	.00	.00	.01	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL THION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 26...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 26...	.00	.00	.00	3	2	0	0	20	0	5

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JUNE 26...	0	0	0	.4	.2	4	0	20	20

DREDGING OPERATIONS STUDY--Continued

301838091191400 INTRACOASTAL WATERWAY (MORGAN CITY TO PORT ALLEN) AT MILE 50.0, NEAR PLAQUEMINE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 26...	1045	10	10	42	13	22	3.0	136	0	53	26	1.6

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 26...	.01	.03	.01	.45	.35	.12	17	0	22	<1.0	160	47

DATE	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 26...	427	8.1	0	25	8.4	24	.9	360	<5	6.8	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 26...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 26...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

301838091191400 INTRACOASTAL WATERWAY (MORGAN CITY TO PORT ALLEN) AT MILE 50.0, NEAR PLAQUEMINE, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 26...	.00	.00	.00	3	2	1	0	20	0	5

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 26...	0	0	0	.3	.3	4	0	20	10

DREDGING OPERATIONS STUDY--Continued

301438091190400 INTRACOASTAL WATERWAY (MORGAN CITY TO PORT ALLEN) AT MILE 45.0, NEAR CRESCENT, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 26...	0915	0	10	42	13	20	3.0	138	0	52	22	1.5

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 26...	.01	.05	.01	.47	.31	.05	16	1	10	<1.0	160	45

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 26...	410	8.1	5	15	8.7	22	1.2	290	<5	7.0	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 26...	2	0	.00	.0	.00	.00	.00	.01	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL THION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 26...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 26...	.00	.02	.01	3	2	0	0	50	1	8

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JUNE 26...	0	0	0	.2	.2	4	0	40	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

301036091195600 INTRACOASTAL WATERWAY (MORGAN CITY TO PORT ALLEN) AT MILE 40.0, AT BAYOU SORREL, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 26...	0900	10	0	42	13	22	3.0	132	0	54	27	1.3

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 26...	.01	.04	.01	.39	.32	.06	4	0	2	<1.0	160	50

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 26...	418	8.1	5	15	8.6	22	1.6	240	<5	6.7	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 26...	1	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 26...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 26...	.00	.01	.01	3	2	0	0	25	0	19

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JUNE 26...	6	0	0	.2	.2	0	0	60	10

DREDGING OPERATIONS STUDY--Continued

300732091192000 INTRACOASTAL WATERWAY (MORGAN CITY TO PORT ALLEN) AT BAYOU SORREL LOCK, NEAR BAYOU SORREL, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 26...	0800	40	10	39	11	31	2.8	118	0	48	42	1.1

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 26...	.01	.06	.06	.48	.34	.04	53	8	51	<1.0	140	43

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 26...	440	8.0	10	55	7.6	26	1.3	100	4	7.1	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 26...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 26...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 26...	.01	.02	.00	4	2	0	0	10	0	22

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JUNE 26...	0	8	0	.2	.2	2	0	20	10

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

293827091192200 INTRACOASTAL WATERWAY (MILE 108.8) AT WAX LAKE EAST CONTROL STRUCTURE, NEAR CALUMET, LA (CE 76440)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)
JUNE 11...	0830	0	39	12	116	0	50	36	1.2	.00	.54	.14

DATE	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)
JUNE 11...	74	<1.0	150	52	431	8.0	5	45	7.4	15	.9	2800

DATE	FECAL COLIFORM (COL. PER 100 ML)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALURIN (UG/L)	TOTAL CHLOR-DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
JUNE 11...	128	.01	7	0	.00	.0	.00	.00	.00	.01	.00	.00

DATE	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLORINATED NAPH-THA-LENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRI-THION (UG/L)
JUNE 11...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)
JUNE 11...	.25	.01	.00	2	1	0	0	20	0

DATE	TOTAL COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JUNE 11...	7	6	4	0	.4	18	0	20	0

DREDGING OPERATIONS STUDY--Continued

293852091232600 INTRACOASTAL WATERWAY AT MILE 107.7, NEAR CALUMET, LA (CE 03723)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 25...	1225	0	10	41	12	32	2.9	122	0	50	45	1.1
JULY 09...	0835	0	10	30	11	38	3.5	96	0	44	61	.95

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 25...	.01	.03	.00	.53	.49	.13	50	11	60	<1.0	150	52
JULY 09...	.00	.02	--	.62	--	--	104	22	79	<1.0	120	41

DATE	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 25...	451	7.7	5	45	7.2	42	1.2	160	8	6.2	.00
JULY 09...	651	7.9	10	70	7.2	31	2.2	200	<5	7.0	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 25...	0	0	.00	.0	.00	.00	.00	.01	.00	.00	.00
JULY 09...	0	0	.00	.0	.00	.00	.00	.01	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 25...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 09...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

293852091232600 INTRACOASTAL WATERWAY AT MILE 107.7, NEAR CALUMET, LA (CE 03723)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 25...	.00	.00	.00	3	2	0	0	20	0	5
JULY 09...	.02	.02	.00	4	2	0	0	30	0	9

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 25...	5	8	0	.8	.0	5	0	20	0
JULY 09...	4	10	0	.4	.2	11	0	20	20

DREDGING OPERATIONS STUDY--Continued

293856091234400 INTRACOASTAL WATERWAY AT MILE 107.5, NEAR CALUMET, LA (CE 03721)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 25...	1220	50	0	41	12	33	2.9	120	0	54	48	1.2
JULY 09...	0830	0	0	29	9.0	21	2.9	96	0	38	27	.98

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 25...	.02	.04	.00	.63	.62	.02	60	4	48	<1.0	150	53
JULY 09...	.02	.03	--	.70	--	--	61	18	76	<1.0	110	31

DATE	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 25...	457	8.1	5	45	7.2	38	.5	110	40	6.0	.00
JULY 09...	341	7.9	10	60	7.1	32	5.6	100	16	5.8	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 25...	3	0	.00	.0	.00	.00	.00	.01	.00	.00	.00
JULY 09...	1	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 25...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 09...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

293856091234400 INTRACOASTAL WATERWAY AT MILE 107.5, NEAR CALUMET, LA (CE 03721)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 25...	.00	.00	.00	3	2	0	0	8	0	8
JULY 09...	.07	.01	.00	4	2	0	0	20	0	7

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 25...	8	14	0	.3	.0	9	0	10	10
JULY 09...	5	10	0	.4	.4	9	0	30	20

DREDGING OPERATIONS STUDY--Continued

293837091221200 INTRACOASTAL WATERWAY AT MILE 106.2, NEAR CALUMET, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
JAN. 07...	0845	20	38	12	23	3.3	117	0	51	30	.99

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)
JAN. 07...	.01	.99	.42	.10	242	13	240	<1.0	140	44	394

DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
JAN. 07...	7.7	20	90	9.7	18	3.9	930	200	12	.00	3

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
JAN. 07...	0	.00	.0	.00	.00	.00	.03	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JAN. 07...	.00	.00	.00	.00	.00	.00	.00	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JAN. 07...	.06	.02	.00	5	1	0	0	10	0	10

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JAN. 07...	4	9	0	.0	.0	16	0	60	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

293834091215500 INTRACOASTAL WATERWAY AT MILE 105.9, NEAR CALUMET, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE- SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO- RIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
JAN. 14...	0900	60	32	9.3	17	2.6	99	0	40	21	.94

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	DIS-SOLVED KJEL. NITRO- GEN (N) (MG/L)	DIS-SOLVED PHOS- PHORUS (P) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDED SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA,MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)
JAN. 14...	.01	.82	.42	.09	268	0	296	<1.0	120	39	344

DATE	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
JAN. 14...	7.9	15	100	11.6	16	7.9	1600	950	7.6	.00	4

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
JAN. 14...	0	.00	.0	.00	.00	.00	.01	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENE (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
JAN. 14...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS-SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JAN. 14...	.00	.00	.00	4	1	1	0	<10	0	11

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JAN. 14...	3	3	3	.2	.0	16	7	100	40

DREDGING OPERATIONS STUDY--Continued

293831091213100 INTRACOASTAL WATERWAY AT MILE 105.5, NEAR CALUMET, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
JAN. 21...	0930	10	32	9.1	14	2.5	96	0	37	18	.90

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)
JAN. 21...	.03	.77	.74	.04	88	13	110	<1.0	120	41	327

DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
JAN. 21...	7.8	40	60	10.0	25	9.4	2300	440	6.6	.00	0

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
JAN. 21...	0	.00	.0	.00	.00	.00	.01	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JAN. 21...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JAN. 21...	.09	.02	.00	3	1	0	0	<10	0	66

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JAN. 21...	3	0	0	.2	.2	10	0	180	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

293830091210700 INTRACOASTAL WATERWAY AT MILE 105.1, NEAR CALUMET, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
JAN. 28...	0900	20	34	11	24	3.0	110	0	41	23	1.1
DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)
JAN. 28...	.01	.56	.26	.37	66	1	75	<1.0	130	40	329
DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
JAN. 28...	7.8	20	55	9.1	15	3.0	2400	590	4.8	.00	14
DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
JAN. 28...	1	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00
DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)	
JAN. 28...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	
JAN. 28...	.09	.02	.00	2	1	0	0	10	0	5	
DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)		
JAN. 28...	5	6	0	.1	.1	8	0	50	0		

DREDGING OPERATIONS STUDY--Continued

293827091203100 INTRACOASTAL WATERWAY AT MILE 104.5, NEAR CALUMET, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
FEB. 04...	0800	50	34	10	22	3.0	112	0	38	30	.81

DATE	DIS-SOLVED NITRITE (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)
FEB. 04...	.01	.66	.05	136	3	140	<1.0	130	38	353	7.8

DATE	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)
FEB. 04...	35	70	9.8	15	2.0	1600	460	6.6	.01	2	0

DATE	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
FEB. 04...	.00	.0	.00	.00	.02	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL THION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
FEB. 04...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB. 04...	.10	.02	.00	3	1	0	0	<10	0	7

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
FEB. 04...	2	12	0	.1	.1	11	0	0	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

293825091201300 INTRACOASTAL WATERWAY AT MILE 104.2, NEAR CALUMET, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
FEB. 11...	1000	10	32	9.1	18	2.5	100	0	38	24	.87

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)
FEB. 11...	.01	.73	.65	.08	166	8	174	<1.0	120	38	329

DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
FEB. 11...	7.8	30	60	10.6	5	1.6	3300	520	6.0	.00	13

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIALAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
FEB. 11...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
FEB. 11...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB. 11...	.09	.04	.00	2	0	1	0	10	0	8

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
FEB. 11...	1	3	0	.0	.0	8	0	40	0

DREDGING OPERATIONS STUDY--Continued

293821091192500 INTRACOASTAL WATERWAY AT MILE 103.4, NEAR CALUMET, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
FEB. 27...	0815	10	34	11	31	3.4	102	0	42	44	.84

DATE	DIS-SOLVED NITRITE (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)
FEB. 27...	.03	.09	1.2	.04	93	10	87	<1.0	130	47	398

DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)
FEB. 27...	8.1	30	100	8.6	25	1.5	10	.00	10	0

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB. 27...	.00	.00	.00	3	1	0	0	20	0	3

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
FEB. 27...	1	7	0	.0	.0	8	0	20	20

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

294117091123800 BAYOU BOEUF (INTRACOASTAL WATERWAY MILE 95.3) AT LOWER ATCHAFALAYA RIVER, AT MORGAN CITY, LA (CE 03782)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 25...	1405	10	0	41	12	33	2.7	117	0	50	48	1.1
JULY 09...	0955	80	10	29	9.2	23	2.8	94	0	39	32	.99

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 25...	.01	.01	.01	.61	.38	.02	40	3	47	<1.0	150	56
JULY 09...	.01	.01	--	.62	--	--	72	11	76	<1.0	110	33

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 25...	474	7.9	10	40	7.1	38	.4	110	<5	6.1	.00
JULY 09...	351	7.8	10	60	6.7	20	1.6	--	2400	5.6	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 25...	7	0	.00	.0	.00	.00	.00	.01	.00	.00	.00
JULY 09...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRIETHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 25...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 09...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

294117091123800 BAYOU BOEUF (INTRACOASTAL WATERWAY MILE 95.3) AT LOWER ATCHAFALAYA RIVER, AT MORGAN CITY, LA (CE 03782)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 25...	.00	.00	.00	3	2	0	0	<10	0	5
JULY 09...	.06	.02	.00	4	2	0	0	30	0	7

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 25...	5	3	0	.0	.0	18	0	30	0
JULY 09...	3	3	0	.0	.0	9	0	20	10

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

294107091113800 BAYOU BOEUF (INTRACOASTAL WATERWAY MILE 94.4) AT BAYOU SHAFFER, NEAR MORGAN CITY, LA (CE 03784)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
OCT. 02...	1100	10	--	40	13	34	3.5	130	0	57	38	--
JUNE 25...	1415	40	10	41	12	34	2.9	116	0	50	62	1.1
JULY 09...	0745	30	0	30	12	41	3.5	94	0	43	65	1.5

DATE	DIS-SOLVED NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)
OCT. 02...	.59	--	.00	--	--	--	.35	.26	--	--	35	--
JUNE 25...	--	.01	--	--	.13	.68	.62	.07	66	3	68	<1.0
JULY 09...	--	.02	--	.03	--	.65	--	--	56	22	56	<1.0

DATE	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY PER 100 ML (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 02...	150	43	461	8.3	5	25	8.0	16	1.9	16000	900	6.0
JUNE 25...	150	57	471	7.9	5	45	6.9	36	.9	>22000	310	5.8
JULY 09...	120	47	511	7.8	5	60	7.2	34	2.3	5300	220	6.0

DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDT (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
OCT. 02...	.00	9	0	.00	.0	.00	.00	.00	.00	.00	<.01	.00
JUNE 25...	.00	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
JULY 09...	.00	1	0	.00	.0	.00	.00	.00	.01	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
OCT. 02...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JUNE 25...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
JULY 09...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

294107091113800 BAYOU BOEUF (INTRACOASTAL WATERWAY MILE 94.4) AT BAYOU SHAPPER, NEAR MORGAN CITY, LA (CE 03784)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
OCT. 02...	.00	.00	.00	2	1	0	0	<10	--	4
JUNE 25...	.00	.00	.00	4	2	0	0	10	0	5
JULY 09...	.00	.00	.00	4	2	0	0	25	0	6

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT. 02...	4	0	0	.0	.0	0	0	10	10
JUNE 25...	5	3	0	.0	.0	18	0	20	20
JULY 09...	5	10	0	.6	.3	8	0	30	20

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

294117091123802 BAYOU BOEUF (IWW MILE 93.8-95.5), NEAR MORGAN CITY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
OCT.											
09...	1200	10	38	12	27	3.3	116	0	64	27	.77
16...	0900	0	43	15	32	4.0	112	0	75	37	.86
23...	0900	0	36	12	36	3.6	115	0	50	50	.00
30...	0800	0	37	11	27	3.1	114	0	59	26	.65

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)
OCT.											
09...	.00	--	.31	.06	--	--	42	140	45	465	8.1
16...	.00	--	.55	.05	29	5	29	170	78	470	8.0
23...	.01	30	6.9	.05	60	18	60	140	46	468	7.7
30...	.01	.48	.34	.05	61	7	61	140	46	403	7.8

DATE	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM PER 100 ML	FECAL COLIFORM PER 100 ML	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)
OCT.											
09...	5	30	7.7	8	1.1	8100	840	3.2	.00	1	0
16...	3	20	7.2	10	.2	1400	230	4.2	--	0	0
23...	25	40	6.8	--	1.0	32000	6100	920	.00	1	0
30...	25	20	7.4	10	.5	100	<5	5.0	.00	0	0

DATE	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
OCT.										
09...	.00	.0	.00	.00	.00	.01	.00	.00	.00	.00
16...	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00
23...	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00
30...	.00	.0	.00	.00	.00	.00	<.01	.01	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRI-THION (UG/L)
OCT.										
09...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
16...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
23...	.00	.00	.00	.02	.00	.00	.0	.00	0	.00
30...	.00	.00	.00	.03	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

294117091123802 BAYOU BOEUF (IWW MILE 93.8-95.5), NEAR MORGAN CITY, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
OCT.										
09...	.00	.00	.00	2	1	0	0	<10	--	10
16...	.00	.00	.00	2	1	0	0	<10	0	2
23...	.06	.02	.00	2	1	0	0	<10	0	8
30...	.10	.00	.00	2	1	0	0	<10	0	3

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
OCT.									
09...	1	1	0	.1	.0	6	0	40	10
16...	1	1	0	.0	.0	2	0	40	1
23...	6	60	31	.0	.0	12	0	20	0
30...	1	0	0	.5	.4	2	0	20	5

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

294438090081500 BAYOU BARATARIA AT MILE 35.0, AT BARATARIA, LA (CE 82750)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
JUNE 30...	1325	20	10	44	63	590	20	82	0	120	1100

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)
JUNE 30...	.04	.00	.07	1.2	.76	.07	21	7	26	<1.0	370

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
JUNE 30...	300	3600	7.8	10	15	8.4	56	2.7	270	<5	7.1

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 30...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRIETHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 30...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 30...	.03	.00	.06	3	2	0	0	10	0	22

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JUNE 30...	0	7	0	.4	.4	7	0	20	10

DREDGING OPERATIONS STUDY--Continued

294047090061300 BAYOU BARATARIA AT MILE 30.0, AT LAFITTE, LA (CE 82875)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 30...	1230	40	0	52	91	840	27	78	0	160	1500	.02

DATE	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 30...	.00	.08	1.1	.77	.04	13	6	23	<1.0	500	440

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 30...	5000	7.7	10	9	8.4	40	3.3	1300	24	6.9	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 30...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 30...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 30...	.00	.00	.03	2	2	0	0	20	0	3

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JUNE 30...	0	0	0	.3	.3	0	0	30	10

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

293604090041000 BARATARIA BAY WATERWAY AT MILE 25.0, NEAR LAFITTE, LA (CE 82879)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 30...	1215	30	40	86	200	2000	60	55	0	400	3600	.02

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)
JUNE 30...	.00	.06	.03	1.1	.90	.02	16	0	27	<1.0	1000

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 30...	990	11000	7.5	20	9	8.1	3.3	75	<5	6.6	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 30...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 30...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 30...	.00	.00	.00	2	1	0	0	10	0	4

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JUNE 30...	0	0	0	.3	.3	0	0	20	10

DREDGING OPERATIONS STUDY--Continued

293200090020900 BARATARIA BAY WATERWAY AT MILE 20.0, NEAR LAFITTE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 30...	1200	70	20	130	320	2900	110	84	0	590	5500	.02

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED VEGETABLE PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L) (HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 30...	.01	.14	.12	1.4	.90	.02	14	0	24	<1.0	1600	1600

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 30...	16000	7.7	30	7	7.7	140	3.8	70	<5	5.8	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALUMINUM (UG/L)	TOTAL CHLORIDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 30...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 30...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 30...	.00	.00	.00	2	1	0	0	25	0	12

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JUNE 30...	0	0	0	.2	.2	0	0	10	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

292728089592900 BARATARIA BAY WATERWAY AT MILE 15.0, NEAR GRAND ISLE, LA (CE 82897)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 30...	1145	60	30	170	500	4300	170	86	0	960	7800	.00

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 30...	.01	.07	.00	1.1	.72	.03	10	0	15	<1.0	2500	2400

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 30...	22000	7.7	20	8	8.1	170	3.5	<5	<5	5.9	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 30...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 30...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 30...	.00	.00	.00	2	1	3	30	0	6

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JUNE 30...	0	0	0	.1	.1	4	0	30	10

DREDGING OPERATIONS STUDY--Continued

292301089591300 BARATARIA BAY WATERWAY AT MILE 10.4, NEAR GRAND ISLE, LA (CE 82906)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 30...	1130	50	40	250	730	6000	240	113	0	1500	11000	.02

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 30...	.00	.07	.07	.73	.53	.03	34	8	32	<1.0	3600	3500

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 30...	29000	8.0	10	70	8.3	130	4.0	<5	<5	6.6	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 30...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 30...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 30...	.00	.00	.00	2	1	0	0	30	0	2

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JUNE 30...	0	0	0	.2	.2	0	0	60	20

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

291939089590400 BARATARIA BAY WATERWAY AT MILE 5.8, NEAR GRAND ISLE, LA (CE 82910)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 30...	1115	50	50	250	740	6000	240	126	0	1400	11000	.01

DATE	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (L/L /HR)	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 30...	.00	.10	.77	.50	.03	26	5	36	<1.0	3700	3600

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 30...	30000	8.1	10	15	8.3	100	3.9	67	<5	6.7	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 30...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL THION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
JUNE 30...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 30...	.00	.00	.00	1	1	0	0	30	0	11

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JUNE 30...	10	0	0	.1	.1	0	0	40	20

DREDGING STUDY OPERATIONS--Continued

291428089595600 BAYOU RIGAUD (3.6 MILES WEST OF BARATARIA CHANNEL) AT GRAND ISLE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
FEB. 10...	1000	90	320	960	8300	350	176	0	2000	14000	.04

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)
FEB. 10...	.01	2.5	2.0	.07	95	11	94	<1.0	4800	4700	38200

DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
FEB. 10...	8.0	15	50	3.4	660	2.9	50	8	11	.00	19

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
FEB. 10...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
FEB. 10...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)
FEB. 10...	2	0	0	0	<10	0	3	1

DATE	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
FEB. 10...	2	0	.0	.0	6	0	30	30

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

291608089565900 GULF OF MEXICO 200 YARDS EAST OF BARATARIA BAY WATERWAY AT MILE 0.0, AT GRAND ISLE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 30...	1100	40	60	310	960	7800	320	136	0	1800	14000	.02

DATE	TOTAL NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
JUNE 30...	.01	.17	.17	.50	.24	.03	26	7	35	<1.0	4700	4600

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 30...	37000	8.3	0	5	7.9	200	3.3	40	<5	6.8	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 30...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JUNE 30...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 30...	.00	.00	.00	2	1	0	0	40	0	16

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JUNE 30...	0	7	0	.1	.1	0	0	40	20

DREDGING OPERATIONS STUDY--Continued

291523089572600 GULF OF MEXICO 200 YARDS WEST OF BARATARIA BAY WATERWAY AT MILE 0.0, AT GRAND ISLE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JUNE 30...	1045	40	50	270	820	6900	260	135	0	1600	12000	.03

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO- GEN (N) (MG/L)	DIS- SOLVED AMMONIA NITRO- GEN (N) (MG/L)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L)	DIS- SOLVED KJEL- DAHL NITRO- GEN (N) (MG/L)	DIS- SOL- VED- PHOS- PHORUS (P) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDE SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/HR)	HARD- NESS (CA,MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)
JUNE 30...	.01	.18	.16	.69	.40	.02	41	7	46	<1.0	4100	3900

DATE	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (CCL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
JUNE 30...	32000	8.2	5	10	7.7	160	5.2	270	16	7.3	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELGRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
JUNE 30...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
JUNE 30...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JUNE 30...	.00	.00	.00	2	2	1	1	40	0	20

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JUNE 30...	0	10	0	.1	.1	0	0	40	40

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

291531089551700 GULF OF MEXICO 500 YARDS EAST OF BARATARIA BAY WATERWAY CHANNEL AT MILE -1.0 NEAR GRAND ISLE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
FEB. 04...	1045	40	180	480	4200	180	125	0	970	7800	.51
10...	1100	90	310	920	8000	330	136	0	1900	14000	.01

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTRABLE RESIDUE (MG/L)	VOL. NON-FILTRABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)
FEB. 04...	.01	.85	.29	.05	21	11	19	<1.0	2400	2300	20600
10...	.01	.46	.27	.03	30	7	20	<1.0	4600	4500	37200

DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
FEB. 04...	8.2	5	10	9.8	230	4.8	20	8	5.0	.00	6
10...	8.2	40	20	9.6	400	3.7	10	<5	9.0	.00	4

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
FEB. 04...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00
10...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
FEB. 04...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
10...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

291531089551700 GULF OF MEXICO 500 YARDS EAST OF BARATARIA BAY WATERWAY CHANNEL AT MILE -1.0 NEAR GRAND ISLE, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB.										
04...	--	--	--	1	1	0	0	1	0	5
10...	.00	.00	.00	1	0	0	0	20	0	1

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB.									
04...	5	0	0	.1	.0	4	0	0	10
10...	0	0	0	.0	.0	3	0	40	10

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

291447089542200 GULF OF MEXICO 500 YARDS EAST OF BARATARIA BAY WATERWAY CHANNEL AT MILE -2.0 NEAR GRAND ISLE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
FEB. 04...	1100	40	180	500	4300	180	126	0	990	7400	.57
10...	1115	70	290	860	7400	330	136	0	1700	13000	.02

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)
FEB. 04...	.01	.58	.21	.06	23	4	24	<1.0	2500	2400	21400
10...	.01	.57	.29	.08	49	14	25	<1.0	4300	4200	38300

DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
FEB. 04...	8.1	5	3	9.9	350	5.1	60	<5	3.6	.00	6
10...	8.2	10	40	10.2	540	3.8	<5	<5	6.4	.00	16

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
FEB. 04...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00
10...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
FEB. 04...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
10...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB. 04...	--	--	--	5	0	0	0	<10	0	2
10...	.00	.00	.00	0	0	0	0	20	0	2

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
FEB. 04...	1	0	0	.0	.0	3	0	10	0
10...	1	0	0	.0	.0	7	0	30	0

DREDGING OPERATIONS STUDY--Continued

291508089584800 BAYOU RIGAUD (2.25 MILES WEST OF BARATARIA CHANNEL) AT GRAND ISLE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
FEB. 04...	1000	100	340	990	8600	350	162	0	2000	15000	.01

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)
FEB. 04...	.01	2.6	2.1	.04	45	5	69	<1.0	4900	4800	39100

DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)
FEB. 04...	8.0	10	15	680	<5	<5	5.8	.00	4	0

DATE	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
FEB. 04...	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
FEB. 04...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB. 04...	.00	.00	.00	1	1	0	0	20	0	3

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
FEB. 04...	0	0	0	.1	.0	5	0	20	20

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

300500089561600 LAKE PONTCHARTRAIN 0.7 MILE NORTHEAST OF LITTLE WOODS (NEW ORLEANS EAST NO. 1)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
FEB. 04...	1400	0	--	41	85	--	--	62	0	170	1300	.07
APR. 14...	1115	20	0	45	110	840	34	58	0	230	1600	--

DATE	DIS-SOLVED NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)
FEB. 04...	--	.01	--	--	--	--	.56	.09	--	--	--	26
APR. 14...	.01	--	.00	.00	.00	.42	.35	--	.01	10	0	11

DATE	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)
FEB. 04...	<1.0	450	400	4310	7.8	15	10	11.0	600	3.2	--	--
APR. 14...	<1.0	570	520	4990	7.9	5	3	9.2	30	2.0	130	<5

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
FEB. 04...	7.8	.00	9	1	.00	.0	.00	.00	.00	.00	.00	.00
APR. 14...	2.7	.00	2	0	.00	.0	.00	.00	.00	.00	.00	.00

DATE	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
FEB. 04...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
APR. 14...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

300500089561600 LAKE PONTCHARTRAIN 0.7 MILES NORTHEAST OF LITTLE WOODS (NEW ORLEANS EAST NO. 1)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB. 04...	.00	.00	.00	1	0	0	0	<1	0	3
APR. 14...	.04	.00	.00	1	1	0	0	10	0	4

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB. 04...	1	0	0	.0	.0	9	0	10	10
APR. 14...	4	3	0	.0	.0	2	0	20	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

300445089560000 ROGERS LAGOON NEAR LITTLE WOODS (NEW ORLEANS EAST NO. 2)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
FEB. 06...	1200	60	--	3.8	6.7	--	--	26	0	8.1	110	.01
APR. 14...	1015	300	70	25	48	410	15	130	0	22	750	.08

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
FEB. 06...	.00	--	--	.57	.42	.04	--	--	8	<1.0	37	16
APR. 14...	.01	.15	.09	2.1	1.7	.01	16	4	23	<1.0	260	150

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
FEB. 06...	439	6.8	30	1	5.6	20	2.0	730	40	8.2	.00
APR. 14...	2520	7.6	90	5	5.2	57	4.9	1200	20	3.4	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
FEB. 06...	0	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
APR. 14...	3	1	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
FEB. 06...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
APR. 14...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

300445089560000 ROGERS LAGOON NEAR LITTLE WOODS (NEW ORLEANS EAST NO. 2)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB. 06...	.00	.00	.00	0	0	0	0	<10	0	0
APR. 14...	.00	.00	.00	2	1	0	0	20	0	6

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB. 06...	0	0	0	.0	.0	0	0	0	0
APR. 14...	--	6	0	.0	.0	0	0	10	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

300717089533500 CANE BAYOU NEAR LITTLE WOODS (NEW ORLEANS EAST NO. 9)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HC03) (MG/L)	CAR- BONATE (C03) (MG/L)	DIS- SOLVED SULFATE (S04) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED NITRATE (N) (MG/L)
FEB. 06...	1330	70	--	33	60	--	--	110	0	140	870	.02
APR. 14...	1230	70	110	35	59	510	22	162	4	91	930	.04

DATE	DIS- SOLVED NITRITE (N) (MG/L)	TOTAL AMMONIA NITRO- GEN (N) (MG/L)	DIS- SOLVED AMMONIA NITRO- GEN (N) (MG/L)	TOTAL KJEL- DAHL- NITRO- GEN (N) (MG/L)	DIS- SOLVED KJEL- NITRO- GEN (N) (MG/L)	DIS- SOL- VED- PHOS- PHORUS (P) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDED SOLIDS (MG/L)	SETTLE- ABLE MATTER (ML/L /HR)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)
FEB. 06...	.00	--	--	1.1	.96	.38	--	--	22	<1.0	330	240
APR. 14...	.01	.05	.05	1.5	1.2	.03	45	7	49	<1.0	330	190

DATE	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	DIS- SOLVED OXYGEN (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO- CHEM- ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME- DIATE COLI- FORM (COL. PER 100 ML)	FECAL COLI- FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
FEB. 06...	3130	7.5	50	2	1.6	60	1.0	730	230	12	.00
APR. 14...	3080	8.4	70	20	6.9	47	2.8	310	190	4.2	.00

DATE	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)
FEB. 06...	11	0	.00	.0	.00	.00	.00	.00	.00	.00	.00
APR. 14...	3	2	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)
FEB. 06...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
APR. 14...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

300717089533500 CANE BAYOU NEAR LITTLE WOODS (NEW ORLEANS EAST NO. 9)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB. 06...	.00	.00	.00	1	1	1	0	10	0	0
APR. 14...	.00	.00	.00	2	2	0	0	<10	0	4

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB. 06...	0	0	0	.0	.0	0	0	0	0
APR. 14...	2	6	0	.0	.0	3	0	10	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

300733089540000 LAKE PONTCHARTRAIN 4.4 MILES NORTHEAST OF LITTLE WOODS (NEW ORLEANS EAST NO. 10)

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
FEB. 04...	1430	10	--	41	99	--	--	60	0	220	1500	.08
APR. 14...	1145	30	10	44	110	840	36	62	0	230	1600	--

DATE	DIS-SOLVED NITRATE (N) (MG/L)	TOTAL NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJELDAHL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)
FEB. 04...	--	.01	--	--	--	--	.70	.04	--	--	--	139
APR. 14...	1.1	--	.00	.00	.00	.37	.34	--	.02	5	3	7

DATE	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)
FEB. 04...	<1.0	510	460	4940	7.4	10	6	10.8	49	2.9	--	--
APR. 14...	<1.0	560	510	5010	7.9	5	3	8.9	24	1.3	<5	<5

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
FEB. 04...	6.6	.00	9	0	.00	.0	.00	.00	.00	.00	.00	.00
APR. 14...	4.2	.00	2	0	.00	.0	.00	.00	.00	.00	.00	.00

DATE	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
FEB. 04...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
APR. 14...	.00	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DREDGING OPERATIONS STUDY--Continued

300733089540000 LAKE PONTCHARTRAIN 4.4 MILES NORTHEAST OF LITTLE WOODS (NEW ORLEANS EAST NO. 10)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD- MIUM (CD) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CHRO- MIUM (CR) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB. 04...	.06	.00	.00	1	1	0	0	10	0	1
APR. 14...	.03	.00	.00	1	1	0	0	10	0	6

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB. 04...	1	0	0	.0	.0	6	2	20	0
APR. 14...	5	3	0	.0	.0	0	0	10	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

DREDGING OPERATIONS STUDY--Continued

295313091552300 BAYOU PETITE ANSE AT MILE 3.5 AT AVERY ISLAND, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
FEB. 02...	0930	40	66	110	1200	34	47	0	240	2200	.26

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)
FEB. 02...	.02	2.2	2.2	.06	152	0	148	<1.0	620	580	6510

DATE	PH (UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
FEB. 02...	7.4	25	50	8.5	81	3.8	630	250	9.8	.01	10

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
FEB. 02...	1	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRIETHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRIETHION (UG/L)
FEB. 02...	.00	.00	.00	.00	.00	.00	.00	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXA-VALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
FEB. 02...	.00	.00	.00	2	1	0	0	<10	0	5

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
FEB. 02...	3	6	0	.2	.0	5	0	30	20

DREDGING OPERATIONS STUDY--Continued

295354091552800 BAYOU PETITE ANSE AT MILE 4.3, AT AVERY ISLAND, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)
JAN. 20...	0945	30	71	93	1200	30	77	0	190	2000	.27

DATE	DIS-SOLVED NITRITE (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	DIS-SOLVED VED-PHOSPHORUS (P) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	SETTLABLE MATTER (ML/L /HR)	HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICRO-MHOS)
JAN. 20...	.03	2.0	.33	.01	74	8	70	<1.0	560	500	6610

DATE	PH (UNITS)	COLOR (PLAT-INUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
JAN. 20...	7.3	40	50	8.2	150	3.4	70	20	9.4	.00	0

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)
JAN. 20...	0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTACHLOR EPCXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLYCHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
JAN. 20...	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COPPER (CU) (UG/L)
JAN. 20...	.00	.00	.00	2	1	0	0	<10	0	4

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL NICKEL (NI) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JAN. 20...	3	0	0	.3	.1	2	0	90	10

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

PEARL RIVER BASIN

02491000 BOGUE CHITTO AT WARNERTON, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HC03) (MG/L)	CARBONATE (C03) (MG/L)	ALKALINITY AS CAC03 (MG/L)	DIS-SOLVED SULFATE (S04) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)
NOV. 24...	1500	12	1.6	1.1	5.4	1.0	10	0	8	1.1	7.8	.0
FEB. 25...	1515	9.5	3.1	1.0	4.3	1.5	12	0	10	1.9	6.5	.1
APR. 14...	1500	11	2.1	.6	4.9	1.1	8	0	7	1.4	7.4	.1
JULY 08...	0844	12	2.3	.7	6.0	1.2	13	0	11	2.0	8.2	.0

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)
NOV. 24...	.14	.01	.15	.03	42	35	.06	9	0	55	.8	49
FEB. 25...	.26	.01	.27	.05	50	34	.07	12	2	40	.5	49
APR. 14...	.21	.00	.21	.03	38	33	.05	8	1	54	.8	48
JULY 08...	--	--	.28	.05	42	39	.06	9	0	56	.9	55

DATE	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	CARBON DIOXIDE (C02) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	PHENOLS (UG/L)	CYANIDE (CN) (MG/L)
NOV. 24...	6.6	11.5	5	2	10.6	1.4	4.0	12	12	--	--	--
FEB. 25...	7.1	15.5	30	15	9.6	1.5	1.5	120	180	--	--	--
APR. 14...	7.0	22.0	10	4	9.0	1.1	1.3	<5	10	2.6	0	.00
JULY 08...	6.9	24.0	5	7	8.2	1.0	2.6	--	--	--	--	--

PEARL RIVER BASIN

02491000 BOGUE CHITTO AT WARNERTON, LA --Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL CHLOR- DANE (UG/L)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DI- AZINON (UG/L)
APR. 14...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00

DATE	TOTAL DIELDRIN (UG/L)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)
APR. 14...	.00	.0	.00	.0	.00	.00	.0	.00	.0	.00

DATE	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
APR. 14...	.0	.00	.00	.00	.00	.0	0	.00	0	0

DATE	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)
APR. 14...	.00	.00	.00	.00	0	0	0	<10	0	<10

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	TOTAL MANGA- NESE IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
APR. 14...	1	<10	0	<10	.1	.0	60	100	0	<10

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

THOMPSON CREEK BASIN

07373700 THOMPSON CREEK NEAR STARHILL, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CaCO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)
NOV. 24...	1045	18	4.7	1.8	8.7	1.8	30	0	25	3.3	9.0	.1
FEB. 25...	0920	16	4.1	1.5	6.2	2.2	22	0	18	3.6	7.1	.1
APR. 14...	0945	16	5.4	1.4	7.5	1.9	27	0	22	3.6	7.4	.2
JULY 07...	1012	15	4.0	1.3	7.4	3.0	28	0	23	3.4	6.5	.2

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICRO-MHOS)
NOV. 24...	.07	.00	.07	.05	64	62	.09	19	0	47	.9	84
FEB. 25...	.27	.01	.28	.06	62	52	.08	16	0	41	.7	73
APR. 14...	.04	.01	.05	.04	59	58	.08	19	0	43	.7	83
JULY 07...	--	--	.19	.12	64	55	.09	15	0	46	.8	75

DATE	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	PHENOLS (UG/L)	CYANIDE (CN) (MG/L)
NOV. 24...	7.1	11.0	15	8	10.7	1.6	3.8	120	52	--	--	--
FEB. 25...	7.2	12.5	40	30	9.6	1.3	2.2	1200	610	--	--	--
APR. 14...	7.2	21.5	20	20	9.7	2.0	2.7	340	47	2.2	0	.00
JULY 07...	7.2	26.5	30	75	8.2	2.1	2.8	--	--	--	--	--

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL CHLORDANE (UG/L)	CHLORDANE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MATERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MATERIAL (UG/KG)	TOTAL DIAZINON (UG/L)
APR. 14...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.01

DATE	TOTAL DIELDRIN (UG/L)	DI-ELDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	HEPTACHLOR EPOXIDE IN BOTTOM MATERIAL (UG/KG)	TOTAL LINDANE (UG/L)
APR. 14...	.00	.0	.00	.0	.00	.00	.0	.00	.0	.00

THOMPSON CREEK BASIN

07373700 THOMPSON CREEK NEAR STARHILL, LA --Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
APR. 14...	.0	.00	.00	.00	.00	.0	0	.00	0	0
DATE	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)
APR. 14...	.00	.00	.00	.00	1	2	0	<10	0	<10
DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	TOTAL MANGA- NESE IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
APR. 14...	2	<10	0	<10	.2	.0	220	160	0	<10

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374000 MISSISSIPPI RIVER AT BATON ROUGE, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	INSTAN- TANEOUS DIS- CHARGE (CFS)	SUS- PENDE SEDIM- ENT (MG/L)	SUS- PENDE SEDIM- ENT (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM	DATE	INSTAN- TANEOUS DIS- CHARGE (CFS)	SUS- PENDE SEDIM- ENT (MG/L)	SUS- PENDE SEDIM- ENT (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
FEB. 27...	583000	442	696000	83	MAR. 12...	727000	355	697000	70
MAR. 01...	651000	428	752000	76	MAR. 15...	694000	305	572000	77
MAR. 03...	621000	387	649000	83	MAR. 19...	662000	463	828000	85
MAR. 05...	728000	399	784000	80	MAR. 22...	631000	428	729000	81
MAR. 08...	693000	395	739000	77	MAR. 29...	549000	257	381000	77
MAR. 09...	686000	328	608000	78					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

07375410 TANGIPAHOA RIVER AT TANGIPAHOA, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CAC03 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)
NOV. 24...	1400	13	4.0	1.4	4.5	1.3	11	0	9	1.8	7.4	.2
FEB. 25...	1230	10	2.5	.9	6.0	1.3	14	0	11	.4	9.9	.1
APR. 14...	1350	11	1.7	.4	4.2	1.2	--	--	--	1.6	4.7	.1
JULY 07...	1909	7.6	2.0	.5	4.4	2.9	9	0	7	2.9	6.5	.1

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)
NOV. 24...	.22	.00	.22	.07	45	39	.06	16	7	36	.5	51
FEB. 25...	.14	.01	.15	.06	53	38	.07	10	0	53	.8	59
APR. 14...	.22	.00	.22	.03	39	--	.05	6	--	55	.8	43
JULY 07...	--	--	.36	.17	42	31	.06	7	0	47	.7	48

DATE	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	PHENOLS (UG/L)	CYANIDE (CN) (MG/L)
NOV. 24...	6.8	11.0	15	2	10.2	.5	2.8	57	12	--	--	--
FEB. 25...	6.8	15.0	20	6	9.3	1.7	3.6	10	25	--	--	--
APR. 14...	7.1	22.0	20	6	8.6	1.3	--	20	93	4.8	0	.00
JULY 07...	6.5	24.0	40	40	8.0	4.0	4.6	--	--	--	--	--

MISSISSIPPI RIVER DELTA

07375410 TANGIPAHOA RIVER AT TANGIPAHOA, LA --Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL CHLOR- DANE (UG/L)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DI- AZINON (UG/L)
APR. 14...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00

DATE	TOTAL DIELDRIN (UG/L)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)
APR. 14...	.00	.0	.00	.0	.00	.00	.0	.00	.0	.00

DATE	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
APR. 14...	.0	.00	.00	.00	.00	.0	0	.00	0	0

DATE	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)
APR. 14...	.00	.00	.00	.00	0	0	0	<10	0	<10

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	TOTAL MANGA- NESE IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
APR. 14...	2	<10	0	<10	.3	.0	100	90	10	20

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

07375800 TICKFAW RIVER AT LIVERPOOL, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CAC03 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)
NOV. 24...	1320	12	.7	.7	2.9	.8	10	0	8	.6	2.8	.0
FEB. 25...	1145	9.8	1.9	.7	3.3	1.7	13	0	11	1.6	4.9	.1
APR. 14...	1300	12	1.4	.5	3.3	.9	8	0	7	1.6	4.2	.0
JULY 07...	1717	9.8	2.4	.7	2.6	2.9	12	0	10	2.2	3.7	.1

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICRO-MHOS)
NOV. 24...	.11	.00	.11	.03	27	25	.04	5	0	53	.6	29
FEB. 25...	.40	.01	.41	.05	49	30	.07	8	0	42	.5	40
APR. 14...	.19	.00	.19	.05	30	28	.04	6	0	52	.6	32
JULY 07...	--	--	.34	.19	28	30	.04	9	0	31	.4	38

DATE	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	PHENOLS (UG/L)	CYANIDE (CN) (MG/L)
NOV. 24...	6.6	10.5	15	2	10.3	.8	4.0	<5	210	--	--	--
FEB. 25...	6.9	14.0	30	8	9.1	1.2	2.6	70	75	--	--	--
APR. 14...	6.8	19.0	15	8	8.4	1.0	2.0	24	93	2.1	0	.00
JULY 07...	6.7	22.5	30	20	7.8	2.5	3.8	--	--	--	--	--

MISSISSIPPI RIVER DELTA

07375800 TICKFAW RIVER AT LIVERPOOL, LA --Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL CHLOR- DANE (UG/L)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DI- AZINON (UG/L)
APR. 14...	.00	.0	.0	5	.00	.0	.00	.0	.00	.0	.00

DATE	TOTAL DI- ELDRIN (UG/L)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)
APR. 14...	.00	.2	.00	.0	.00	.00	.0	.00	.0	.00

DATE	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
APR. 14...	.0	.00	.00	.00	.00	.0	0	.00	0	0

DATE	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)
APR. 14...	.00	.00	.00	.00	0	0	1	<10	0	<10

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	TOTAL MANGA- NESE IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
APR. 14...	3	<10	0	10	.4	.0	100	80	10	<10

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

07380120 AMITE RIVER AT PORT VINCENT, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TASIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CAC03 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)
NOV. 25...	1550	13	3.2	1.6	8.0	1.4	24	0	20	2.0	8.0	.2
FEB. 26...	1030	8.0	4.0	1.9	7.0	2.2	22	0	18	3.8	8.5	.2
APR. 16...	1115	13	6.5	1.9	13	1.8	33	0	27	3.4	18	.1
JULY 09...	1503	8.9	4.0	.7	4.8	2.2	19	0	16	3.4	5.2	.1

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)
NOV. 25...	.11	.01	.12	.07	50	49	.07	15	0	52	.9	73
FEB. 26...	.32	.01	.33	.13	68	46	.09	18	0	42	.7	76
APR. 16...	.11	.01	.12	.10	70	74	.10	24	0	52	1.2	122
JULY 09...	--	--	.33	.14	45	39	.06	13	0	40	.6	61

DATE	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	PHENOLS (UG/L)	CYANIDE (CN) (MG/L)
NOV. 25...	7.0	14.0	20	10	9.9	.9	3.8	53	46	--	--	--
FEB. 26...	7.0	16.0	70	40	8.1	2.3	3.5	350	92	--	--	--
APR. 16...	7.2	24.0	20	20	8.7	3.2	3.3	60	40	2.4	3	.00
JULY 09...	7.0	28.0	40	50	7.5	4.4	3.0	--	--	--	--	--

MISSISSIPPI RIVER DELTA

07380120 AMITE RIVER AT PORT VINCENT, LA --Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL CHLOR- DANE (UG/L)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ODD (UG/L)	DDD IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DI- AZINON (UG/L)
APR. 16...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00

DATE	TOTAL DI- ELDRIN (UG/L)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)
APR. 16...	.00	.4	.00	.0	.00	.00	.0	.00	.0	.00

DATE	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
APR. 16...	.0	.00	.00	.00	.00	.0	0	.00	0	0

DATE	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)
APR. 16...	.00	.00	.00	.00	1	3	0	<10	0	10

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	TOTAL MANGA- NESE IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
APR. 16...	5	<10	0	20	.1	.0	200	350	10	60

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

07380222 BLIND RIVER NEAR GRAMERCY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CAC03 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)
NOV. 25...	1700	8.4	19	5.7	39	3.1	66	0	54	8.0	68	.8
FEB. 25...	1300	7.4	29	8.8	26	3.7	124	0	102	12	39	.4
APR. 16...	0945	5.8	22	8.0	34	4.4	103	0	85	8.4	50	.4
JULY 09...	1620	5.6	17	5.4	17	2.8	62	0	51	14	25	.3

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)
NOV. 25...	.00	.01	.01	.11	207	185	.28	71	17	53	2.0	354
FEB. 25...	.04	.01	.05	.33	206	187	.28	110	7	33	1.1	353
APR. 16...	.07	.02	.09	.26	204	184	.28	88	3	44	1.6	350
JULY 09...	--	--	.23	.19	122	118	.17	65	14	35	.9	224

DATE	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	PHENOLS (UG/L)	CYANIDE (CN) (MG/L)
NOV. 25...	6.8	12.0	65	13	7.5	1.4	17	87	24	--	--	--
FEB. 25...	7.1	18.5	70	20	6.7	2.4	16	85	110	--	--	--
APR. 16...	7.2	22.0	65	7	3.6	2.0	10	300	63	7.0	2	.00
JULY 09...	7.3	25.5	50	25	4.6	3.7	5.0	--	--	--	--	--

MISSISSIPPI RIVER DELTA

07380222 BLIND RIVER NEAR GRAMERCY, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL CHLOR- DANE (UG/L)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DI- AZINON (UG/L)
APR. 16...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00

DATE	TOTAL DI- ELDRIN (UG/L)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)
APR. 16...	.00	.0	.00	.0	.00	.00	.0	.00	.0	.00

DATE	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
APR. 16...	.0	.00	.00	.00	.00	.0	0	.00	0	0

DATE	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)
APR. 16...	.00	3.4	.00	.00	2	5	1	<10	0	20

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	TOTAL MANGA- NESE IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
APR. 16...	8	<10	0	10	.3	.0	110	400	10	80

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

07380223 NEW RIVER AT GONZALES, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CaCO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)
NOV. 25...	1630	15	55	15	140	7.0	158	0	130	52	220	.8
FEB. 25...	1330	9.6	30	8.6	31	4.0	97	0	80	27	51	.4
APR. 16...	0845	9.0	40	12	38	3.8	173	0	142	23	50	.4
JULY 09...	1805	4.3	30	7.4	60	3.0	122	0	100	17	79	.3

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICRO-MHOS)
NOV. 25...	.00	.01	.01	.25	622	583	.85	200	70	59	4.3	1100
FEB. 25...	.73	.10	.83	.52	240	209	.33	110	30	37	1.3	394
APR. 16...	.01	.00	.01	.49	--	262	.36	150	8	35	1.4	472
JULY 09...	--	--	.00	.74	294	261	.40	110	10	54	2.5	485

DATE	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	PHENOLS (UG/L)	CYANIDE (CN) (MG/L)
NOV. 25...	7.3	13.0	25	3	8.8	6.0	13	150	8	--	--	--
FEB. 25...	7.0	19.5	120	25	5.8	4.3	16	340	310	--	--	--
APR. 16...	7.6	23.0	30	2	3.5	2.2	7.0	320	160	1.4	2	.00
JULY 09...	7.9	28.5	20	6	8.7	5.5	2.5	--	--	--	--	--

MISSISSIPPI RIVER DELTA

07380223 NEW RIVER AT GONZALES, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL CHLOR- DANE (UG/L)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA- TERIAL (UG/KG)	TOTAL DI- AZINON (UG/L)
APR. 16...	.00	.0	.0	20	.00	.0	.00	.0	.00	.0	.02

DATE	TOTAL DI- ELDRIN (UG/L)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL LINDANE (UG/L)
APR. 16...	.00	.0	.00	.0	.00	.00	.0	.00	.0	.00

DATE	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	TOTAL MALA- THION (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA- TERIAL (UG/KG)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
APR. 16...	.0	.00	.00	.00	.00	.0	17	.00	0	0

DATE	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)
APR. 16...	.00	.01	.00	.02	6	5	1	<10	0	20

DATE	DIS- SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	TOTAL MANGA- NESE IN BOTTOM MA- TERIAL (UG/G)	DIS- SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
APR. 16...	5	10	0	180	.1	.0	110	140	10	90

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

300905091252800 BAYOU SORREL MID LAKE NEAR MORGAN CITY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG)	BICARBONATE (HC03) (MG/L)	CARBONATE (C03) (MG/L)	ALKALINITY AS CAC03 (MG/L)	DIS-SOLVED SULFATE (S04) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
OCT. 18...	0910	5.3	--	--	--	173	0	142	31	240
NOV. 22...	0905	--	--	--	--	147	0	121	--	110
DEC. 16...	0935	5.6	0	39	12	124	0	102	56	30
JAN. 19...	1600	--	--	--	--	112	0	92	--	--
FEB. 20...	1630	--	--	--	--	112	0	92	--	--

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)
OCT. 18...	.80	.01	.03	.61	.64	.65	.10	.02	615	54
NOV. 22...	.80	.00	.06	.62	.68	.68	.11	.03	490	75
DEC. 16...	.57	.01	.06	.24	.30	.88	.11	.07	240	28
JAN. 19...	.01	.01	.07	.41	.48	.50	.07	.04	292	3
FEB. 20...	.80	.00	.07	.67	.74	.74	.13	.08	270	15

DATE	HARDNESS (CA, MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (C02) (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 18...	--	--	1170	7.9	22.0	30	6.9	78	3.5	8.6
NOV. 22...	--	--	806	7.8	12.0	45	7.7	71	3.7	14
DEC. 16...	150	48	418	7.8	14.0	20	9.3	89	3.1	4.6
JAN. 19...	--	--	397	7.5	9.5	4	13.9	121	5.7	5.4
FEB. 20...	--	--	455	7.4	20.0	2	4.1	--	7.1	10

MISSISSIPPI RIVER DELTA

292240091123000 ATCHAFALAYA BAY STATION PB 3 NEAR MORGAN CITY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HC03) (MG/L)	CARBONATE (C03) (MG/L)	ALKALINITY AS CAC03 (MG/L)	DIS-SOLVED SULFATE (S04) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
OCT. 14...	1145	4.8	50	41	13	124	0	102	68	42	.44
NOV. 25...	1000	5.8	10	35	13	114	0	94	47	92	.28

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
OCT. 14...	.00	.05	.56	.61	1.1	.10	.03	287	20	160	58
NOV. 25...	.01	.09	1.0	1.1	1.4	.10	.05	319	21	140	46

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (C02) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 14...	489	8.3	25.0	15	8.8	105	1.0	19.0	.000	4.2
NOV. 25...	590	8.0	11.5	30	11.0	100	1.8	--	--	5.0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

300903091252600 BAYOU SORREL SHORE (MAT) NEAR MORGAN CITY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HC03) (MG/L)	CARBONATE (C03) (MG/L)	ALKALINITY AS CAC03 (MG/L)	DIS-SOLVED SULFATE (S04) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)
OCT. 18...	0900	5.3	--	--	--	172	0	141	32	250
NOV. 22...	0900	--	--	--	--	149	0	122	--	120
DEC. 16...	0930	5.0	10	39	12	132	0	108	56	32
JAN. 19...	1610	--	--	--	--	108	0	89	--	--
FEB. 20...	1645	--	--	--	--	108	0	89	--	--

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)
OCT. 18...	.01	.02	.02	.92	.94	.97	.18	.04	631	72
NOV. 22...	.00	.01	.11	.74	.85	.86	.12	.02	461	58
DEC. 16...	.43	.01	.37	1.3	1.7	2.1	.30	.11	250	45
JAN. 19...	.00	.01	.14	.62	.76	.77	.13	.08	268	8
FEB. 20...	.01	.00	.00	.60	.60	.61	.15	.10	292	15

DATE	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (C02) (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 18...	--	--	1170	7.7	21.5	35	4.9	55	5.5	10
NOV. 22...	--	--	813	7.7	11.0	35	4.4	40	4.8	12
DEC. 16...	150	42	424	7.5	14.0	20	7.8	75	6.7	8.0
JAN. 19...	--	--	419	7.5	11.0	5	13.8	124	5.5	7.2
FEB. 20...	--	--	480	7.4	20.5	2	3.9	43	6.9	6.0

MISSISSIPPI RIVER DELTA

293440091322000 EAST COTE BLANCHE BAY STATION ECB 3 NEAR MORGAN CITY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CAC03 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
OCT. 12...	0905	2.7	0	44	32	111	0	91	92	410	.06
NOV. 09...	0910	2.4	0	35	12	117	0	96	91	350	.00

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
OCT. 12...	.01	.06	.54	.60	.67	.06	.03	974	18	240	150
NOV. 09...	.00	.02	.54	.56	.56	.06	.00	859	21	140	44

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 12...	1740	8.0	25.5	10	8.4	101	1.8	.000	.000	7.6
NOV. 09...	1530	8.3	24.0	10	9.5	112	.9	18.0	.100	5.0

293505091354000 EAST COTE BLANCHE BAY STATION ECB 4 NEAR MORGAN CITY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CAC03 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
OCT. 12...	1110	2.3	50	53	66	88	0	72	160	980	.00

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
OCT. 12...	.00	.01	.41	.42	.42	.06	.04	2090	21	400	330

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 12...	3750	7.9	25.5	10	8.1	98	1.8	3.60	.000	6.4

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

293520091374000 EAST COTE BLANCHE BAY STATION ECB 5 NEAR MORGAN CITY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HC03) (MG/L)	CARBONATE (C03) (MG/L)	ALKALINITY AS CAC03 (MG/L)	DIS-SOLVED SULFATE (S04) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
OCT. 12...	1025	2.1	40	62	89	91	0	75	94	1300	.02
NOV. 09...	1010	5.5	0	43	13	112	0	92	81	230	.00

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
OCT. 12...	.01	.05	.43	.48	.51	.06	.04	2680	18	520	450
NOV. 09...	.00	.01	.47	.48	.48	.11	.01	622	58	160	69

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (C02) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 12...	4750	8.0	25.5	10	8.2	99	1.5	9.60	.000	6.6
NOV. 09...	1150	8.1	24.0	30	8.0	94	1.4	3.30	.000	6.6

292500091314000 ATCHAFALAYA BAY STATION LBBD NEAR MORGAN CITY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HC03) (MG/L)	CARBONATE (C03) (MG/L)	ALKALINITY AS CAC03 (MG/L)	DIS-SOLVED SULFATE (S04) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
OCT. 12...	1245	4.9	20	49	38	131	0	107	110	400	.57
NOV. 09...	1305	5.5	10	60	94	103	0	84	220	1200	.62

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
OCT. 12...	.01	.01	.55	.56	1.1	.07	.05	1010	19	280	170
NOV. 09...	.00	.00	.33	.33	.95	.09	.06	2550	26	540	450

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (C02) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 12...	1720	8.2	25.0	15	9.5	113	1.3	5.30	.900	6.6
NOV. 09...	4400	8.1	24.0	15	8.1	93	1.3	5.20	.100	4.0

MISSISSIPPI RIVER DELTA

293225091285500 ATCHAFALAYA BAY STATION LBBI NEAR MORGAN CITY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CaCO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
OCT. 12...	1645	5.2	30	42	14	126	0	103	68	33	.35
NOV. 09...	1730	7.0	10	37	12	112	0	92	49	34	.15

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
OCT. 12...	.00	.01	.64	.65	1.0	.08	.02	270	26	160	57
NOV. 09...	.01	.01	.44	.45	.61	.08	.04	241	218	140	48

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 12...	466	7.6	24.5	15	7.1	84	5.1	3.60	.000	6.6
NOV. 09...	402	7.3	24.5	15	5.6	66	9.0	3.10	.000	6.6

292820091312500 ATCHAFALAYA BAY STATION LBBF NEAR MORGAN CITY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CaCO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
OCT. 12...	1440	4.3	0	40	12	117	0	96	67	28	.77
NOV. 09...	1525	6.2	0	--	--	105	0	86	54	20	.75

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
OCT. 12...	.01	.00	.43	.43	1.2	.09	.06	258	19	150	54
NOV. 09...	.00	.00	.50	.50	1.3	.15	.07	197	62	160	69

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 12...	561	8.1	24.0	20	8.8	104	1.5	4.90	.000	3.8
NOV. 09...	364	8.0	23.0	40	8.1	93	1.7	.200	.000	3.2

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

293220091280000 ATCHAFALAYA BAY STATION LBBH NEAR MORGAN CITY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CAC03 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
OCT. 12...	1610	4.7	0	41	13	112	2	95	73	28	.57
NOV. 09...	1700	6.2	10	39	26	112	0	92	51	28	.22

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
OCT. 12...	.01	.02	.49	.51	1.1	.08	.06	270	16	160	65
NOV. 09...	.01	.04	.43	.47	.70	.08	.05	237	9	200	110

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 12...	444	8.4	25.0	15	10.6	126	.7	3.90	.000	5.4
NOV. 09...	388	7.7	22.5	15	8.1	93	3.6	4.10	.600	7.6

MISSISSIPPI RIVER DELTA

292630091153000 ATCHAFALAYA BAY STATION PB 1 NEAR MORGAN CITY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CAC03 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
OCT. 14...	1310	4.7	0	44	13	112	0	92	82	35	.83

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
OCT. 14...	.00	.03	.63	.66	1.5	.17	.05	290	130	160	68

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 14...	478	8.0	26.5	45	8.5	104	1.8	8.20	.000	8.0

292600091132500 ATCHAFALAYA BAY STATION PB 2 NEAR MORGAN CITY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CAC03 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
OCT. 14...	1530	4.7	10	38	12	113	0	93	57	79	.31
NOV. 25...	1406	5.6	20	29	10	104	0	85	33	79	.05

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
OCT. 14...	.00	.04	.61	.65	.96	.09	.02	331	40	140	47
NOV. 25...	.01	.15	.95	1.1	1.2	.08	.01	274	49	110	25

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 14...	574	7.8	24.5	25	8.2	97	2.9	13.0	.900	5.8
NOV. 25...	496	7.6	13.0	40	8.4	79	4.2	--	--	8.8

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

292325091135500 ATCHAFALAYA BAY STATION PB 3B NEAR MORGAN CITY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SiO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CaCO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
OCT. 14...	1205	4.9	10	42	15	126	0	103	68	73	.50
NOV. 25...	1125	6.0	10	41	13	125	0	103	60	46	.47

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
OCT. 14...	.00	.04	.37	.41	.91	.09	.04	347	18	170	67
NOV. 25...	.01	.05	.40	.46	.94	.10	.06	--	16	160	57

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARRON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 14...	579	8.1	25.0	15	8.4	100	1.6	3.60	.000	4.4
NOV. 25...	569	8.2	11.5	20	10.7	98	1.3	--	--	5.2

292140091163500 ATCHAFALAY BAY STATION PB 4 NEAR MORGAN CITY, LA

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED SILICA (SiO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CaCO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
OCT. 14...	1300	3.7	30	91	170	125	0	103	810	3200	.42
NOV. 25...	1220	5.9	0	42	22	125	0	103	78	190	.52

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)
OCT. 14...	.00	.08	.46	.54	.96	.08	.05	6290	26	930	830
NOV. 25...	.01	.08	.46	.54	1.1	.13	.06	576	36	200	97

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARRON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 14...	10200	7.9	26.0	15	7.4	90	2.5	5.30	.000	3.8
NOV. 25...	1010	8.1	11.5	35	10.6	97	1.6	--	--	4.2

CALCASIEU RIVER BASIN

08017015 HOUSTON RIVER NEAR BUHLER, LA

WATER QUALITY DATA: WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED SILICA (SI02) (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HC03) (MG/L)	CAR- BONATE (C03) (MG/L)	ALKA- LINITY AS CAC03 (MG/L)	DIS- SOLVED SULFATE (S04) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)
SEP. 10...	1700	4.3	4.3	.8	8.2	1.3	10	0	8	9.6	11	.2

DATE	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L)	DIS- SOLVED SOLIDS (TONS PER AC-FT)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	PERCENT SODIUM	SODIUM AD- SORP- TION RATIO	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	CARBON DIOXIDE (C02) (MG/L)
SEP. 10...	63	45	.09	14	5	53	1.0	67	5.7	70	32

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

HURRICANE PROTECTION LEVEE STUDY

A series of water-quality data was collected in Lake Pontchartrain, Mississippi River-Gulf Outlet and vicinity, Mississippi River (New Orleans to Venice), and Bayou Lafourche (Larose to Golden Meadow), in cooperation with the Corps of Engineers, during a study of hurricane protection levee sites.

300000089575400 INTRACOASTAL WATERWAY 5.0 MILES EAST OF INDUSTRIAL CANAL LOCK

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDED SOLIDS (MG/L)	VOL- NON- FILT- RABLE RESIDUE (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)
JAN. 22...	1400	.62	25	20	6	90	.00	0	4	.00

DATE	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
JAN. 22...	.0	.00	.00	.00	.03	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)
JAN. 22...	.00	.00	.00	.00	.00	.0	0	.00	.06

DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JAN. 22...	.00	.00	1	0	0	2	0	0	0

DATE	TOTAL KJEL. NITRO- GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COD IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)
JAN. 22...	1000	331000	55000	0	.0	10	<10

DATE	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
JAN. 22...	<10	20	<10	.1	20	40

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

657

HURRICANE PROTECTION LEVEE STUDY--Continued

300022089552500 MISSISSIPPI RIVER GULF OUTLET AT INTRACOASTAL WATERWAY

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDE D SOLIDS (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)
JAN. 22...	1600	.61	17	19	5	95	.00	2	2	.00

DATE	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
JAN. 22...	.0	.00	.00	.00	.02	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)
JAN. 22...	.00	.00	.00	.00	.00	.0	0	.00	.05

DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JAN. 22...	.00	.00	1	0	0	2	0	0	10

DATE	TOTAL KJEL. NITRO- GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COD IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)
JAN. 22...	1200	243000	39000	0	.0	6	<10

DATE	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
JAN. 22...	<10	10	<10	.1	20	40

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

HURRICANE PROTECTION LEVEE STUDY--Continued

295623089501800 MISSISSIPPI RIVER GULF OUTLET AT BAYOU DUPRE

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDED SOLIDS (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)
JAN. 23...	1100	.52	14	14	5	150	.00	1	0	.00

DATE	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
JAN. 23...	.0	.00	.00	.00	.02	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)
JAN. 23...	.00	.00	.00	.00	.00	.0	0	.00	.01

DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JAN. 23...	.00	.00	0	0	0	1	0	0	0

DATE	TOTAL KJEL. NITRO- GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COB IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)
JAN. 23...	1300	49700	37000	0	.0	10	<10

DATE	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
JAN. 23...	<10	20	<10	.0	40	60

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

659

HURRICANE PROTECTION LEVEE STUDY--Continued

295000089450000 MISSISSIPPI RIVER GULF OUTLET 11.0 MILES BELOW BAYOU DUPRE

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL KJEL- NITRO- GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COD IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	DDD IN BOTTOM MA- TERIAL (UG/KG)
JAN. 26...	1700	1500	348000	51000	0	.0	.0	0	.0

DATE	DDE IN BOTTOM MA- TERIAL (UG/KG)	DDT IN BOTTOM MA- TERIAL (UG/KG)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	PCB IN BOTTOM MA- TERIAL (UG/KG)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
JAN. 26...	.0	.0	.0	.0	.0	.0	.0	0	0

DATE	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
JAN. 26...	10	<10	<10	20	<10	.4	30	60

295934090005500 INTRACOASTAL WATERWAY AT INNER HARBOR NAVIGATION CANAL

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED KJEL- NITRO- GEN (N) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDED SOLIDS (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)
JAN. 21...	1600	.36	27	31	7	70	.00	2	2	.00

DATE	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
JAN. 21...	.0	.00	.00	.00	.05	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)
JAN. 21...	.00	.00	.00	.00	.00	.0	0	.00	.00

DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JAN. 21...	.00	.00	1	0	0	6	0	0	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

HURRICANE PROTECTION LEVEE STUDY--Continued

295934090005500 INTRACOASTAL WATERWAY AT INNER HARBOR NAVIGATION CANAL--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL KJEL. NITRO- GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COD IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	DDD IN BOTTOM MA- TERIAL (UG/KG)
JAN. 21...	920	50600	37000	0	.0	.0	0	.0

DATE	DDE IN BOTTOM MA- TERIAL (UG/KG)	DDT IN BOTTOM MA- TERIAL (UG/KG)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	PCB IN BOTTOM MA- TERIAL (UG/KG)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
JAN. 21...	.0	.0	.0	.0	.0	.0	.0	0	0

DATE	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
JAN. 21...	11	<10	<10	20	<10	.0	60	50

295901090001900 BAYOU BIENVENUE 0.8 MILE EAST OF INTRACOASTAL WATERWAY

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDE SOLIDS (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)
JAN. 21...	1700	.92	21	23	16	650	.00	9	0	.00

DATE	TOTAL CHLOR- DANE (UG/L)	TOTAL DDU (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)
JAN. 21...	<.1	.00	.00	.00	.23	<.01	.00	.00	.00	.00

DATE	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)
JAN. 21...	.00	.00	.00	.00	.0	.00	0	.00	.00

DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JAN. 21...	.00	.00	3	0	0	5	0	0	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

661

HURRICANE PROTECTION LEVEE STUDY--Continued.

295909089574100 BAYOU BIENVENUE 3.6 MILES EAST OF INTRACOASTAL WATERWAY

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDED SOLIDS (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)
JAN. 22...	1500	.61	12	14	7	780	.00	3	0	.00
DATE		TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
JAN. 22...		.0	.00	.00	.00	.04	.00	.00	.00	.00
DATE		TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)
JAN. 22...		.00	.00	.00	.00	.00	.0	0	.00	.05
DATE		TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JAN. 22...		.00	.00	1	0	0	2	0	0	0

295929089553100 BAYOU BIENVENUE 1.0 MILE WEST OF MISSISSIPPI RIVER GULF OUTLET

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDED SOLIDS (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)
JAN. 22...	1700	.00	17	10	2	100	.00	2	2	.00
DATE		TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
JAN. 22...		.0	.00	.00	.00	.03	.00	.00	.00	.00
DATE		TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)
JAN. 22...		.00	.00	.00	.00	.00	.0	0	.00	.00
DATE		TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JAN. 22...		.00	.00	1	0	0	3	0	0	10

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

HURRICANE PROTECTION LEVEE STUDY--Continued

295544089503300 BAYOU DUPRE 0.6 MILE SOUTH OF MISSISSIPPI RIVER GULF OUTLET

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDE SOLIDS (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)
JAN. 23...	1200	.46	18	15	3	100	.00	3	0	.00
DATE		TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
JAN. 23...		.0	.00	.00	.00	.04	.00	.00	.00	.00
DATE		TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)
JAN. 23...		.00	.00	.00	.00	.00	.0	0	.00	.00
DATE		TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JAN. 23...		.00	.00	1	0	0	3	0	0	0

295327089452500 MISSISSIPPI RIVER GULF OUTLET 6.0 MILES BELOW BAYOU DUPRE

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDE SOLIDS (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)
JAN. 26...	1600	.58	16	13	1	310	.00	0	0	.00
DATE		TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
JAN. 26...		.0	.00	.00	.00	.01	.00	.00	.00	.00
DATE		TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)
JAN. 26...		.00	.00	.00	.00	.00	.0	0	.00	.00
DATE		TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JAN. 26...		.00	.00	1	0	0	15	0	0	40

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

663

HURRICANE PROTECTION LEVEE STUDY--Continued

295327089452500 MISSISSIPPI RIVER GULF OUTLET 6.0 MILES BELOW BAYOU DUPRE--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL KJEL. NITRO- GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COD IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	DDD IN BOTTOM MA- TERIAL (UG/KG)
JAN. 26...	960	52200	35000	0	.0	.0	0	.0

DATE	DDE IN BOTTOM MA- TERIAL (UG/KG)	DDT IN BOTTOM MA- TERIAL (UG/KG)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	PCB IN BOTTOM MA- TERIAL (UG/KG)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
JAN. 26...	.0	.0	.0	.0	.0	.0	.0	0	0

DATE	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
JAN. 26...	10	<10	<10	20	<10	.1	30	70

300252089462600 CHEF MENTEUR 0.3 MILE NORTH OF MOUTH

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL KJEL. NITRO- GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COD IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	DDD IN BOTTOM MA- TERIAL (UG/KG)
FEB. 04...	1100	540	28700	13000	0	.0	.0	0	.0

DATE	DDE IN BOTTOM MA- TERIAL (UG/KG)	DDT IN BOTTOM MA- TERIAL (UG/KG)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	PCB IN BOTTOM MA- TERIAL (UG/KG)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
FEB. 04...	.0	.0	.0	.0	.0	.0	.0	0	0

DATE	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
FEB. 04...	9	<10	<10	20	<10	.2	20	60

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

HURRICANE PROTECTION LEVEE STUDY--Continued

300248089472300 INTRACOASTAL WATERWAY SECTION, 1.0 MILE WEST OF CHEF MENTEUR

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL KJEL. NITRO- GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COD IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	DDD IN BOTTOM MA- TERIAL (UG/KG)
FEB. 04...	0700	810	30900	17000	0	.0	.0	0	.0

DATE	DDE IN BOTTOM MA- TERIAL (UG/KG)	DDT IN BOTTOM MA- TERIAL (UG/KG)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	PCB IN BOTTOM MA- TERIAL (UG/KG)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
FEB. 04...	.0	.0	.0	.0	.0	.0	.0	0	0

DATE	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
FEB. 04...	8	<10	<10	20	10	.2	15	50

300326089475000 INTRACOASTAL WATERWAY 0.3 MILE WEST OF CHEF MENTEUR

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL KJEL. NITRO- GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COD IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	DDD IN BOTTOM MA- TERIAL (UG/KG)
FEB. 02...	1400	1200	38000	31000	0	.0	.0	0	.0

DATE	DDE IN BOTTOM MA- TERIAL (UG/KG)	DDT IN BOTTOM MA- TERIAL (UG/KG)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	PCB IN BOTTOM MA- TERIAL (UG/KG)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
FEB. 02...	.0	.0	.0	.0	.0	.0	.0	0	0

DATE	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
FEB. 02...	7	<10	<10	20	20	.5	10	50

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

665

HURRICANE PROTECTION LEVEE STUDY--Continued

300323089481300 INTRACOASTAL WATERWAY 0.5 MILE WEST OF CHEF MENTEUR

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL KJEL. NITRO- GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COD IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	DDD IN BOTTOM MA- TERIAL (UG/KG)
FEB. 02...	1500	705	31600	22000	0	.0	.0	0	.0

DATE	DDE IN BOTTOM MA- TERIAL (UG/KG)	DDT IN BOTTOM MA- TERIAL (UG/KG)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	PCB IN BOTTOM MA- TERIAL (UG/KG)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
FEB. 02...	.0	.0	.0	.0	.0	.0	.0	0	0

DATE	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
FEB. 02...	6	<10	<10	20	<10	.3	10	50

301211089470300 LAKE PONTCHARTRAIN AT HOWZE BEACH

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL KJEL. NITRO- GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COD IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	DDD IN BOTTOM MA- TERIAL (UG/KG)
FEB. 11...	0900	92	26200	14000	0	.0	.0	0	.0

DATE	DDE IN BOTTOM MA- TERIAL (UG/KG)	DDT IN BOTTOM MA- TERIAL (UG/KG)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	PCB IN BOTTOM MA- TERIAL (UG/KG)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
FEB. 11...	.0	.0	.0	.0	.0	.0	.0	0	0

DATE	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
FEB. 11...	5	<10	10	20	<10	.0	20	20

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

HURRICANE PROTECTION LEVEE STUDY--Continued

300312089463800 CHEF MENTEUR PASS 0.7 MILE NORTH OF MOUTH

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDE D SOLIDS (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)
FEB. 04...	1200	.54	28	32	0	40	.00	6	0	.00
DATE	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)	
FEB. 04...	.0	.00	.00	.00	.00	.00	.00	.00	.00	
DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)	
FEB. 04...	.00	.00	.00	.00	.00	.0	0	.00	.05	
DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)	
FEB. 04...	.00	.00	0	1	0	10	0	0	10	
DATE	TOTAL KJEL. NITRO- GEN IN BOTTOM MA- TERIAL (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COD IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	DDD IN BOTTOM MA- TERIAL (UG/KG)		
FEB. 04...	570	27000	17000	0	.0	.0	0	.0		
DATE	DDE IN BOTTOM MA- TERIAL (UG/KG)	DDT IN BOTTOM MA- TERIAL (UG/KG)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	PCB IN BOTTOM MA- TERIAL (UG/KG)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)	
FEB. 04...	.0	.0	.0	.0	.0	.0	.0	38	0	
DATE	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)		
FEB. 04...	6	<10	<10	20	10	.4	10	40		

HURRICANE PROTECTION LEVEE STUDY--Continued

300412089464300 INTRACOASTAL WATERWAY 0.8 MILE EAST OF CHEF MENTEUR

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED KJEL- NITRO- GEN (N) (MG/L)	TOTAL NON-FILT- RABLE RESIDUE (MG/L)	SUS- PENDE D SOLIDS (MG/L)	VOL. NON-FILT- RABLE RESIDUE (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)
FEB. 03...	1200	.63	51	91	5	70	.00	2	0	.00

DATE	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
FEB. 03...	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)
FEB. 03...	.00	.00	.00	.00	.00	.0	0	.00	.05

DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB. 03...	.00	.00	1	0	0	3	0	0	30

DATE	TOTAL KJEL- NITRO- GEN IN BOTTOM MA- TERIAL (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COD IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	DDD IN BOTTOM MA- TERIAL (UG/KG)
FEB. 03...	1400	31100	21000	0	.0	.0	0	.0

DATE	DDE IN BOTTOM MA- TERIAL (UG/KG)	DDT IN BOTTOM MA- TERIAL (UG/KG)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	PCB IN BOTTOM MA- TERIAL (UG/KG)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
FEB. 03...	.0	.0	.0	.0	.0	.0	.0	0	0

DATE	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
FEB. 03...	7	<10	<10	10	<10	.2	10	50

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

HURRICANE PROTECTION LEVEE STUDY--Continued

300904089445500 LAKE PONTCHARTRAIN 1.0 MILE WEST OF SAW MILL PASS

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDED SOLIDS (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)
FEB. 11...	1000	.75	42	34	0	66	.00	1	0	.00
DATE		TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
FEB. 11...		.0	.00	.00	.00	.00	.00	.00	.00	.00
DATE		TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)
FEB. 11...		.00	.00	.00	.00	.00	.0	0	.00	.04
DATE		TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB. 11...		.00	.00	0	0	0	1	0	0	10

300846089433500 LAKE ST. CATHERINE AT SAW MILL PASS

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)
FEB. 06...	1300	.45	25	.00	1	0	.00	.0	.00
DATE		TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)
FEB. 06...		.00	.00	.00	.00	.00	.00	.00	.00
DATE		TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)
FEB. 06...		.00	.00	.00	.0	0	.00	.04	.00

HURRICANE PROTECTION LEVEE STUDY--Continued

300346089470300 CHEF MENTEUR PASS 1.6 MILES NORTH OF MOUTH

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDE SOLIDS (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)
FEB. 04...	0800	.43	41	39	0	44	.00	4	0	.00

DATE	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
FEB. 04...	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)
FEB. 04...	.00	.00	.00	.00	.00	.0	0	.00	.05

DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB. 04...	.00	.00	0	0	0	9	0	0	20

300418089475300 CHEF MENTEUR PASS 0.5 MILE ABOVE U.S. HIGHWAY 90

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDE SOLIDS (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)
FEB. 02...	1600	.84	89	74	5	55	.01	0	0	.00

DATE	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
FEB. 02...	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)
FEB. 02...	.00	.00	.00	.00	.00	.0	0	.00	.06

DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB. 02...	.00	.00	0	0	0	5	0	3	60

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

HURRICANE PROTECTION LEVEE STUDY--Continued

30100089422000 RIGOLETS AT STUMP BAYOU

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDE D SOLIDS (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)
FEB. 05...	1000	.57	114	136	2	570	.00	2	0	.00

DATE	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
FEB. 05...	.0	.00	.00	.00	.00	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)
FEB. 05...	.00	.00	.00	.00	.00	.0	0	.00	.04

DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB. 05...	.00	.00	0	1	0	10	0	5	20

DATE	TOTAL KJEL. NITRO- GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MAT. (MG/KG)	COD IN BOTTOM MAT. (MG/KG)	TOTAL CYANIDE IN BOTTOM MAT. (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	ALDRIN IN BOTTOM MAT. (UG/KG)	CHLOR- DANE IN BOTTOM MAT. (UG/KG)	DDD IN BOTTOM MAT. (UG/KG)
FEB. 05...	250	9780	7400	0	.0	.0	0	.0

DATE	DDE IN BOTTOM MAT. TERIAL (UG/KG)	DDT IN BOTTOM MAT. TERIAL (UG/KG)	DI- ELDRIN IN BOTTOM MAT. TERIAL (UG/KG)	ENDRIN IN BOTTOM MAT. TERIAL (UG/KG)	HEPTA- CHLOR IN BOTTOM MAT. TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	LINDANE IN BOTTOM MAT. TERIAL (UG/KG)	PCB IN BOTTOM MAT. TERIAL (UG/KG)	TOX- APHENE IN BOTTOM MAT. TERIAL (UG/KG)
FEB. 05...	.0	.0	.0	.0	.0	.0	.0	0	0

DATE	TOTAL ARSENIC IN BOTTOM MAT. TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MAT. TERIAL (UG/G)	TOTAL CHRO- MIUM IN BOTTOM MAT. TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MAT. TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MAT. TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MAT. TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MAT. TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MAT. TERIAL (UG/G)
FEB. 05...	2	<10	<10	<10	<10	.2	4	<10

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

671

HURRICANE PROTECTION LEVEE STUDY--Continued

301023089422100 STUMP LAGOON 0.2 MILE NORTH OF RIGOLETS

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDED SOLIDS (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)
FEB. 10...	1400	.26	128	114	15	30	.00	2	0	.00
DATE		TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
FEB. 10...		.0	.00	.00	.00	.00	.00	.00	.00	.00
DATE		TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)
FEB. 10...		.00	.00	.00	.00	.00	.0	0	.00	.05
DATE		TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB. 10...		.00	.00	0	0	0	20	0	0	50

301009089434400 RIGOLETS 0.3 MILE EAST OF U.S. HIGHWAY 90 BRIDGE

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDED SOLIDS (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)
FEB. 06...	1200	.27	37	36	5	30	.00	1	0	.00
DATE		TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
FEB. 06...		.0	.00	.00	.00	.00	.00	.00	.00	.00
DATE		TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)
FEB. 06...		.00	.00	.00	.00	.00	.0	0	.00	.04
DATE		TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
FEB. 06...		.00	.00	0	0	0	2	0	0	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

HURRICANE PROTECTION LEVEE STUDY--Continued

301009089434400 RIGOLETS 0.3 MILE EAST OF U.S. HIGHWAY 90 BRIDGE--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL KJEL- NITRO- GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COD IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	DDD IN BOTTOM MA- TERIAL (UG/KG)
FEB. 06...	190	23500	23000	0	.0	.0	0	.0

DATE	DDE IN BOTTOM MA- TERIAL (UG/KG)	DDT IN BOTTOM MA- TERIAL (UG/KG)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	PCB IN BOTTOM MA- TERIAL (UG/KG)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
FEB. 06...	.0	.0	.0	.0	.0	.0	.0	0	0

DATE	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
FEB. 06...	4	<10	<10	<10	<10	.0	<10	20

300257089490300 INTRACOASTAL WATERWAY 1.5 MILES WEST OF CHEF MENTEUR

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS- SOLVED KJEL- NITRO- GEN (N) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDE SOLIDS (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)
JAN. 28...	1500	.82	110	114	12	80	.00	3	0	.00

DATE	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR (UG/L)
JAN. 28...	.0	.00	.00	.00	.03	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)
JAN. 28...	.00	.00	.00	.00	.00	.0	0	.00	.04

DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
JAN. 28...	.00	.00	2	0	0	2	0	0	10

HURRICANE PROTECTION LEVEE STUDY--Continued

300257089490300 INTRACOASTAL WATERWAY 1.5 MILES WEST OF CHEF MENTEUR--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL KJEL. NITRO- GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COD IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	DDD IN BOTTOM MA- TERIAL (UG/KG)
JAN. 28...	550	42200	20000	0	.0	.0	0	.0

DATE	DDE IN BOTTOM MA- TERIAL (UG/KG)	DDT IN BOTTOM MA- TERIAL (UG/KG)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	PCB IN BOTTOM MA- TERIAL (UG/KG)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
JAN. 28...	.0	.0	.0	.0	.0	.0	.0	0	0

DATE	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
JAN. 28...	9	<10	<10	20	<10	.0	40	40

292014089313500 BASTIAN BAY 1.6 MILES SOUTH, SOUTHWEST OF BURAS

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITRO- GEN IN BOTTOM MAT. (MG/KG)	TOTAL KJEL. NITRO- GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COD IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	DDD IN BOTTOM MA- TERIAL (UG/KG)
MAR. 25...	1100	260	1200	54400	36000	0	.0	.0	0	.0

DATE	DDE IN BOTTOM MA- TERIAL (UG/KG)	DDT IN BOTTOM MA- TERIAL (UG/KG)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	PCB IN BOTTOM MA- TERIAL (UG/KG)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
MAR. 25...	.0	.0	.0	.0	.0	.0	.0	0	0

DATE	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MANGA- NESE IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
MAR. 25...	12	<10	<10	<10	<10	600	.0	<10	50

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

HURRICANE PROTECTION LEVEE STUDY--Continued

291938089301200 UNNAMED BAY 2.0 MILES SOUTHEAST OF BURAS

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITRO- GEN IN BOTTOM MAT. (MG/KG)	TOTAL KJEL. NITRO- GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COD IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	DDD IN BOTTOM MA- TERIAL (UG/KG)
MAR. 25...	1300	180	1100	57000	31000	0	.0	.0	7	4.0

DATE	DDE IN BOTTOM MA- TERIAL (UG/KG)	DDT IN BOTTOM MA- TERIAL (UG/KG)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	PCB IN BOTTOM MA- TERIAL (UG/KG)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
MAR. 25...	.0	.0	1.8	.0	.0	.0	.0	25	0

DATE	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MANGA- NESE IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
MAR. 25...	12	<10	<10	<10	<10	600	.0	<10	90

291915089282700 PIPELINE CANAL 1.2 MILES SOUTH OF TRIUMPH

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITRO- GEN IN BOTTOM MAT. (MG/KG)	TOTAL KJEL. NITRO- GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COD IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	DDD IN BOTTOM MA- TERIAL (UG/KG)
MAR. 26...	1000	140	580	46400	25000	0	.0	.0	0	.0

DATE	DDE IN BOTTOM MA- TERIAL (UG/KG)	DDT IN BOTTOM MA- TERIAL (UG/KG)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	PCB IN BOTTOM MA- TERIAL (UG/KG)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
MAR. 26...	.0	.0	.0	.0	.0	.0	.0	0	0

DATE	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MANGA- NESE IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
MAR. 26...	9	<10	<10	10	<10	500	.0	10	40

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

675

HURRICANE PROTECTION LEVEE STUDY--Continued

291953089271500 PIPELINE CANAL 1.9 MILES SOUTH OF FORT JACKSON

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITROGEN IN BOTTOM MAT. (MG/KG)	TOTAL KJEL. NITROGEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNITION IN BOTTOM MAT. (MG/KG)	COD IN BOTTOM MAT. (MG/KG)	TOTAL CYANIDE IN BOTTOM MAT. (UG/G)	OIL AND GREASE IN BOTTOM MAT. (MG/KG)	ALDRIN IN BOTTOM MAT. (UG/KG)	CHLOR-DANE IN BOTTOM MAT. (UG/KG)	DDD IN BOTTOM MAT. (UG/KG)
MAR. 29...	1000	90	700	33600	19000	0	.0	.0	0	.0

DATE	DDE IN BOTTOM MAT. (UG/KG)	DDT IN BOTTOM MAT. (UG/KG)	DI-ELDRIN IN BOTTOM MAT. (UG/KG)	ENDRIN IN BOTTOM MAT. (UG/KG)	HEPTA-CHLOR IN BOTTOM MAT. (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOTTOM MAT. (UG/KG)	LINDANE IN BOTTOM MAT. (UG/KG)	PCB IN BOTTOM MAT. (UG/KG)	TOX-APHENE IN BOTTOM MAT. (UG/KG)
MAR. 29...	.0	.0	.0	.0	.0	.0	.0	0	0

DATE	TOTAL ARSENIC IN BOTTOM MAT. (UG/G)	TOTAL CADMIUM IN BOTTOM MAT. (UG/G)	TOTAL CHROMIUM IN BOTTOM MAT. (UG/G)	TOTAL COPPER IN BOTTOM MAT. (UG/G)	TOTAL LEAD IN BOTTOM MAT. (UG/G)	TOTAL MANGANESE IN BOTTOM MAT. (UG/G)	TOTAL MERCURY IN BOTTOM MAT. (UG/G)	TOTAL NICKEL IN BOTTOM MAT. (UG/G)	TOTAL ZINC IN BOTTOM MAT. (UG/G)
MAR. 29...	7	<10	<10	<10	10	320	.0	<10	40

292102089302600 MISSISSIPPI RIVER AT MILE 23

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
MAR. 31...	1100	.12	.52	.64	.64	168	184	11	12	.00	5

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR-DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)
MAR. 31...	12	.00	.0	.00	.00	.00	.01	.00	.00	.00	.00

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLORINATED NAPHTHALENES (UG/L)	TOTAL TOX-APHENE (UG/L)	TOTAL TRI-THION (UG/L)	TOTAL 2,4-D (UG/L)
MAR. 31...	.00	.00	.00	.00	.00	.0	.00	0	.00	.04

DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	DIS-SOLVED CHROMIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
MAR. 31...	.01	.00	1	0	0	5	0	0	0	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

HURRICANE PROTECTION LEVEE STUDY--Continued

292102089302600 MISSISSIPPI RIVER AT MILE 23--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL AMMONIA NITRO- GEN IN BOTTOM MAT. (MG/KG)	TOTAL KJEL. NITRO- GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COD IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	DDD IN BOTTOM MA- TERIAL (UG/KG)
MAR. 31...	14	560	27600	21000	0	.0	.0	2	3.0

DATE	DDE IN BOTTOM MA- TERIAL (UG/KG)	DDT IN BOTTOM MA- TERIAL (UG/KG)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	PCB IN BOTTOM MA- TERIAL (UG/KG)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
MAR. 31...	.0	.0	.0	.0	.0	.0	.0	0	0

DATE	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MANGA- NESE IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
MAR. 31...	0	<10	<10	<10	<10	410	.0	<10	40

291908089244400 HOSPITAL BAY 1.8 MILES WEST OF DUVIC

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITRO- GEN IN BOTTOM MAT. (MG/KG)	TOTAL KJEL. NITRO- GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI- TION IN BOTTOM MA- TERIAL (MG/KG)	COD IN BOTTOM MA- TERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MA- TERIAL (UG/G)	OIL AND GREASE IN BOT- TOM MA- TERIAL (MG/KG)	ALDRIN IN BOTTOM MA- TERIAL (UG/KG)	CHLOR- DANE IN BOTTOM MA- TERIAL (UG/KG)	DDD IN BOTTOM MA- TERIAL (UG/KG)
MAR. 30...	1200	140	1200	55600	33000	0	.0	.0	0	.0

DATE	DDE IN BOTTOM MA- TERIAL (UG/KG)	DDT IN BOTTOM MA- TERIAL (UG/KG)	DI- ELDRIN IN BOTTOM MA- TERIAL (UG/KG)	ENDRIN IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR IN BOTTOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE IN BOT- TOM MA- TERIAL (UG/KG)	LINDANE IN BOTTOM MA- TERIAL (UG/KG)	PCB IN BOTTOM MA- TERIAL (UG/KG)	TOX- APHENE IN BOTTOM MA- TERIAL (UG/KG)
MAR. 30...	.0	.0	.0	.0	.0	.0	.0	0	0

DATE	TOTAL ARSENIC IN BOTTOM MA- TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL CHRO- MIUM IN BOTTOM MA- TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA- TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA- TERIAL (UG/G)	TOTAL MANGA- NESE IN BOTTOM MA- TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA- TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA- TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA- TERIAL (UG/G)
MAR. 30...	8	<10	<10	20	10	520	.0	<10	170

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

HURRICANE PROTECTION LEVEE STUDY--Continued

291827089235300 HOSPITAL BAY 1.0 MILE SOUTHWEST OF DUVIC

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITROGEN IN BOTTOM MAT. (MG/KG)	TOTAL KJEL. NITROGEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNITION IN BOTTOM MAT. (MG/KG)	COD IN BOTTOM MAT. (MG/KG)	TOTAL CYANIDE IN BOTTOM MAT. (UG/G)	OIL AND GREASE IN BOTTOM MAT. (MG/KG)	ALDRIN IN BOTTOM MAT. (UG/KG)	CHLOR-DANE IN BOTTOM MAT. (UG/KG)	DDD IN BOTTOM MAT. (UG/KG)
MAR. 30...	1400	160	1200	57500	120000	0	.0	.0	0	.0

DATE	DDE IN BOTTOM MAT. (UG/KG)	DDT IN BOTTOM MAT. (UG/KG)	DI-ELDRIN IN BOTTOM MAT. (UG/KG)	ENDRIN IN BOTTOM MAT. (UG/KG)	HEPTA-CHLOR IN BOTTOM MAT. (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOTTOM MAT. (UG/KG)	LINDANE IN BOTTOM MAT. (UG/KG)	PCB IN BOTTOM MAT. (UG/KG)	TOX-APHENE IN BOTTOM MAT. (UG/KG)
MAR. 30...	.0	.0	.0	.0	.0	.0	.0	0	0

DATE	TOTAL ARSENIC IN BOTTOM MAT. (UG/G)	TOTAL CADMIUM IN BOTTOM MAT. (UG/G)	TOTAL CHROMIUM IN BOTTOM MAT. (UG/G)	TOTAL COPPER IN BOTTOM MAT. (UG/G)	TOTAL LEAD IN BOTTOM MAT. (UG/G)	TOTAL MANGANESE IN BOTTOM MAT. (UG/G)	TOTAL MERCURY IN BOTTOM MAT. (UG/G)	TOTAL NICKEL IN BOTTOM MAT. (UG/G)	TOTAL ZINC IN BOTTOM MAT. (UG/G)
MAR. 30...	12	<10	<10	20	<10	550	.0	<10	50

292022089241500 MISSISSIPPI RIVER AT MILE 16

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	DIS-SOLVED ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
MAR. 31...	1300	.02	.01	.60	.44	.62	.45	98	108	11	18

DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR-DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
MAR. 31...	.00	6	0	.00	.0	.00	.00	.00	<.01	.00	.00

DATE	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLORINATED NAPHTHALENES (UG/L)	TOTAL TOX-APHENE (UG/L)	TOTAL TRI-THION (UG/L)
MAR. 31...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	DIS-SOLVED CHROMIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
MAR. 31...	.05	.01	.00	0	0	0	8	0	0	2	10

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

HURRICANE PROTECTION LEVEE STUDY--Continued

292022089241500 MISSISSIPPI RIVER AT MILE 16--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL AMMONIA NITROGEN IN BOTTOM MAT. (MG/KG)	TOTAL KJEL. NITROGEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNITION IN BOTTOM MAT. (MG/KG)	COD IN BOTTOM MAT. (MG/KG)	TOTAL CYANIDE IN BOTTOM MAT. (UG/G)	OIL AND GREASE IN BOTTOM MAT. (MG/KG)	ALDRIN IN BOTTOM MAT. (UG/KG)	CHLOR-DANE IN BOTTOM MAT. (UG/KG)	DDD IN BOTTOM MAT. (UG/KG)
MAR. 31...	19	806	34100	23000	0	.0	.0	0	.0

DATE	DDE IN BOTTOM MAT. (UG/KG)	DDT IN BOTTOM MAT. (UG/KG)	DI-ELDRIN IN BOTTOM MAT. (UG/KG)	ENDRIN IN BOTTOM MAT. (UG/KG)	HEPTA-CHLOR IN BOTTOM MAT. (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOTTOM MAT. (UG/KG)	LINDANE IN BOTTOM MAT. (UG/KG)	PCB IN BOTTOM MAT. (UG/KG)	TOX-APHENE IN BOTTOM MAT. (UG/KG)
MAR. 31...	.0	.0	.0	.0	.0	.0	.0	0	0

DATE	TOTAL ARSENIC IN BOTTOM MAT. (UG/G)	TOTAL CADMIUM IN BOTTOM MAT. (UG/G)	TOTAL CHROMIUM IN BOTTOM MAT. (UG/G)	TOTAL COPPER IN BOTTOM MAT. (UG/G)	TOTAL LEAD IN BOTTOM MAT. (UG/G)	TOTAL MANGANESE IN BOTTOM MAT. (UG/G)	TOTAL MERCURY IN BOTTOM MAT. (UG/G)	TOTAL NICKEL IN BOTTOM MAT. (UG/G)	TOTAL ZINC IN BOTTOM MAT. (UG/G)
MAR. 31...	0	<10	<10	<10	<10	500	.1	<10	40

91956089314400 BASTIAN BAY 1.8 MILES SOUTH, SOUTHWEST OF BURAS

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITROGEN (MG/L)	DIS-SOLVED AMMONIA NITROGEN (MG/L)	TOTAL ORGANIC NITROGEN (MG/L)	DIS-SOLVED ORGANIC NITROGEN (MG/L)	TOTAL KJEL. NITROGEN (MG/L)	DIS-SOLVED KJEL. NITROGEN (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
MAR. 25...	1200	.22	.03	1.5	.50	1.7	.53	218	203	30	280

DATE	CYANIDE (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR-DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
MAR. 25...	.00	14	2	.00	.0	.00	.00	.00	.01	.00	.00

DATE	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLORINATED NAPHTHALENES (UG/L)	TOTAL TOX-APHENE (UG/L)	TOTAL TRI-THION (UG/L)
MAR. 25...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	DIS-SOLVED CHROMIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
MAR. 25...	.00	.00	.00	1	1	0	5	3	0	0	10

HURRICANE PROTECTION LEVEE STUDY--Continued

291921089272000 BAYOU PETIT LIARD 2.4 MILES SOUTH OF FORT JACKSON

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	DIS-SOLVED ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
MAR. 26...	1100	.16	.09	.63	.61	.79	.70	62	51	0	140
DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR-DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
MAR. 26...	.00	11	0	.00	.0	.00	.00	.00	.01	.00	.00
DATE	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLO-RINATED NAPH-THA-LENES (UG/L)	TOTAL TOX-APHENE (UG/L)	TOTAL TRI-THION (UG/L)
MAR. 26...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
MAR. 26...	.00	.00	.00	1	0	0	5	1	0	0	0

291950089264800 BAYOU DUM BARR 2.0 MILES SOUTH, SOUTHEAST OF FORT JACKSON

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	DIS-SOLVED ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL. NITROGEN (N) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
MAR. 31...	0800	.05	.04	.78	.41	.83	.45	72	78	11	46
DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR-DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
MAR. 31...	.01	4	1	.00	.0	.00	.00	.00	.00	.00	.00
DATE	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLO-RINATED NAPH-THA-LENES (UG/L)	TOTAL TOX-APHENE (UG/L)	TOTAL TRI-THION (UG/L)
MAR. 31...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
MAR. 31...	.00	.00	.00	0	0	2	5	0	0	0	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

HURRICANE PROTECTION LEVEE STUDY--Continued

291919089302100 UNNAMED BAY 2.2 MILES SOUTHEAST OF BURAS

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	DIS-SOLVED ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
MAR. 31...	1500	.07	.06	.93	.41	1.0	.47	100	102	5	120
DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR-DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
MAR. 31...	.00	1	0	.00	.0	.00	.00	.00	.00	.00	.00
DATE	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	TOTAL TOX-APHENE (UG/L)	TOTAL TRI-THION (UG/L)	TOTAL 2,4-D (UG/L)
MAR. 31...	.00	.00	.00	.00	.00	.00	.00	.0	0	.00	.00
DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)	
MAR. 31...	.00	.00	1	0	0	13	0	10	8	0	

291846089284700 PIPELINE CANAL 1.8 MILES SOUTH OF TRIUMPH

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	DIS-SOLVED ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
MAR. 26...	1200	.11	.10	.88	.48	.99	.58	26	26	0	180
DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR-DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
MAR. 26...	.01	6	0	.00	.0	.00	.00	.00	.00	.00	.00
DATE	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLORINATED NAPHTHA-LENES (UG/L)	TOTAL TOX-APHENE (UG/L)	TOTAL TRI-THION (UG/L)
MAR. 26...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00
DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
MAR. 26...	.00	.00	.00	1	0	0	3	1	10	0	0

HURRICANE PROTECTION LEVEE STUDY--Continued

292115089274800 MISSISSIPPI RIVER AT MILE 20.5

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	DIS-SOLVED ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
MAR. 31...	1200	.02	.09	.49	.85	.51	.94	78	116	13	14

DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR-DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
MAR. 31...	.00	8	2	.00	.0	.00	.00	.00	.01	.00	.00

DATE	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLO-RINATED NAPHTHA-LENES (UG/L)	TOTAL TOX-APHENE (UG/L)	TOTAL TRI-THION (UG/L)
MAR. 31...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
MAR. 31...	.04	.01	.00	1	0	0	4	0	0	0	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

HURRICANE PROTECTION LEVEE STUDY--Continued

291850089244300 HOSPITAL BAY 1.7 MILES WEST OF DUVIC

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	DIS-SOLVED ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
MAR. 31...	0900	.05	.01	.84	.42	.89	.43	82	84	9	0

DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR-DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI-AZINON (UG/L)	TOTAL ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
MAR. 31...	.00	2	5	.00	.0	.00	.00	.00	.01	.00	.00

DATE	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLORINATED NAPHTHA-LENES (UG/L)	TOTAL TOX-APHENE (UG/L)	TOTAL TRI-THION (UG/L)
MAR. 31...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
MAR. 31...	.00	.00	.00	0	0	0	5	0	0	0	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

683

HURRICANE PROTECTION LEVEE STUDY--Continued

291815089240400 HOSPITAL BAY 1.3 MILES SOUTHWEST OF DUVIC

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	DIS-SOLVED ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL-DAHL NITROGEN (N) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
MAR. 31...	1000	.13	.03	2.0	.91	2.1	.94	318	320	51	40

DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR-DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL D1-AZINON (UG/L)	TOTAL D1-ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
MAR. 31...	.00	9	1	.00	.0	.00	.00	.00	.01	.00	.00

DATE	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLORINATED NAPH-THA-LENES (UG/L)	TOTAL TOX-APHENE (UG/L)	TOTAL TRI-THION (UG/L)
MAR. 31...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
MAR. 31...	.00	.00	.00	1	0	0	5	0	0	0	10

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

HURRICANE PROTECTION LEVEE STUDY--Continued

291747089214800 MISSISSIPPI RIVER AT MILE 12.2

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITRO- GEN (N) (MG/L)	DIS- SOLVED AMMONIA NITRO- GEN (N) (MG/L)	DIS- SOLVED ORGANIC NITRO- GEN (N) (MG/L)	DIS- SOLVED KJEL. NITRO- GEN (N) (MG/L)	TOTAL NON- FILT- RABLE RESIDUE (MG/L)	SUS- PENDED SOLIDS (MG/L)	VOL. NON- FILT- RABLE RESIDUE (MG/L)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)
MAR. 31...	1400	.01	.00	.65	.65	100	96	5	12	.00	5

DATE	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR- DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI- AZINON (UG/L)	TOTAL DI- ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)	TOTAL ETHION (UG/L)	TOTAL HEPTA- CHLOR- (UG/L)
MAR. 31...	0	.00	.0	.00	.00	.00	.04	.00	.00	.00	.00

DATE	TOTAL HEPTA- CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA- THION (UG/L)	TOTAL METHYL TRI- THION (UG/L)	TOTAL PARA- THION (UG/L)	TOTAL PCB (UG/L)	POLY- CHLO- RINATED NAPH- THA- LENES (UG/L)	TOTAL TOX- APHENE (UG/L)	TOTAL TRI- THION (UG/L)	TOTAL 2,4-D (UG/L)
MAR. 31...	.00	.00	.00	.00	.00	.0	.00	0	.00	.05

DATE	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	DIS- SOLVED CHRO- MIUM (CR) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)	DIS- SOLVED LEAD (PB) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)
MAR. 31...	.02	.00	1	0	0	6	0	0	0	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

685

HURRICANE PROTECTION LEVEE STUDY--Continued

293346090213600 BAYOU LAFOURCHE NEAR LAROSE

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	DIS-SOLVED ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL-DAHL NITROGEN (N) (MG/L)	TOTAL NON-FILTERABLE RESIDUE (MG/L)	SUSPENDED SOLIDS (MG/L)	VOL. NON-FILTERABLE RESIDUE (MG/L)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
MAY 19...	1700	.11	.03	.72	.64	.83	.67	101	84	15	31

DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLORDANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
MAY 19...	.00	35	0	.00	.0	.00	.00	.00	.01	.00	.00

DATE	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLORINATED NAPHTHALENES (UG/L)	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)
MAY 19...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	DIS-SOLVED CHROMIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
MAY 19...	.00	.00	.16	1	0	0	6	0	0	0	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

HURRICANE PROTECTION LEVEE STUDY--Continued

292716090182000 BAYOU LAFOURCHE NEAR GALLIANO

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	DIS-SOLVED ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
MAY 19...	1800	.19	.00	1.2	.77	1.4	.77	117	90	14	34

DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR-DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
MAY 19...	.00	45	0	.00	.0	.00	.00	.00	.01	.00	.00

DATE	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLORINATED NAPHTHA-LENES (UG/L)	TOTAL TOX-APHENE (UG/L)	TOTAL TRI-THION (UG/L)
MAY 19...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHROMIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
MAY 19...	.00	.00	.16	1	0	0	7	0	0	0	10

HURRICANE PROTECTION LEVEE STUDY--Continued

292748090180500 BRETON CANAL NEAR GALLIANO

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	DIS-SOLVED ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
MAY 19...	1900	.04	.00	1.1	.91	1.1	.91	68	62	13	63

DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR-DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
MAY 19...	.00	50	0	.00	.0	.00	.00	.00	.00	.00	.00

DATE	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLORINATED NAPH-THA-LENES (UG/L)	TOTAL TOX-APHENE (UG/L)	TOTAL TRI-THION (UG/L)
MAY 19...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
MAY 19...	.00	.00	.18	1	0	0	9	0	10	0	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

HURRICANE PROTECTION LEVEE STUDY--Continued

292015090143600 BAYOU LAFOURCHE NEAR GOLDEN MEADOW

WATER QUALITY DATA* WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL AMMONIA NITROGEN (N) (MG/L)	DIS-SOLVED AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	DIS-SOLVED ORGANIC NITROGEN (N) (MG/L)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L)	DIS-SOLVED KJEL NITROGEN (N) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)
MAY 20...	1500	.11	.06	.89	.63	1.0	.69	71	54	10	31

DATE	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ALDRIN (UG/L)	TOTAL CHLOR-DANE (UG/L)	TOTAL DDD (UG/L)	TOTAL DDE (UG/L)	TOTAL DDT (UG/L)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)	TOTAL ENDRIN (UG/L)
MAY 20...	.00	0	0	.00	.0	.00	.00	.00	.00	.00	.00

DATE	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	TOTAL LINDANE (UG/L)	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	POLY-CHLO-RINATED NAPH-THA-LENES (UG/L)	TOTAL TOX-APHENE (UG/L)	TOTAL TRI-THION (UG/L)
MAY 20...	.00	.00	.00	.00	.00	.00	.00	.0	.00	0	.00

DATE	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED NICKEL (NI) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
MAY 20...	.00	.00	.20	1	0	0	5	0	10	0	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES
SALT-WATER INTRUSION STUDY

689

The following data were collected to monitor salt-water intrusion in the lower Mississippi River during low-flow conditions.

WATER QUALITY DATA, AUGUST TO SEPTEMBER 1976

DATE	TIME	DEPTH (FT)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DATE	TIME	DEPTH (FT)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)
MISSISSIPPI RIVER AT MILE 58.0 ^{a/}					MISSISSIPPI RIVER AT MILE 45.0				
Lat 29°38'15", long 89°56'00"					Lat 29°32'05", long 89°45'05"				
SEP. 29...	1300	SURFACE	498	38	SEP. 09...	1800	SURFACE	526	48
		20	497	38			60	531	48
		60	500	38			124	534	49
		80	501	38	SEP. 21...	1040	SURFACE	509	38
		100	502	38			20	520	44
MISSISSIPPI RIVER AT MILE 57.0							40	513	43
Lat 29°37'40", long 89°55'00"							50	533	46
SEP. 29...	1330	SURFACE	508	40			55	747	111
		20	509	40			60	19600	6610
		35	511	40			70	24600	8570
		55	935	160			80	25400	8890
		73	2270	570			100	26900	9510
MISSISSIPPI RIVER AT MILE 55.0							120	27200	9630
Lat 29°36'45", long 89°53'15"					MISSISSIPPI RIVER AT MILE 42.5				
SEP. 29...	1030	SURFACE	505	39	Lat 29°31'00", long 89°43'00"				
		20	506	39	SEP. 09...	1810	SURFACE	520	47
		60	515	43			37	520	47
		70	11200	3400			74	520	47
		80	19200	6460	MISSISSIPPI RIVER AT MILE 41.2				
		90	19900	6720	Lat 29°30'10", long 89°42'25"				
MISSISSIPPI RIVER AT MILE 50.0					SEP. 09...	1825	SURFACE	537	49
Lat 29°35'00", long 89°48'50"							20	544	50
SEP. 21...	1015	SURFACE	491	36			40	531	48
		40	492	36			60	543	48
		84	491	36			65	775	113
SEP. 29...	0915	SURFACE	539	51			70	1170	236
		25	560	55			75	18100	6040
		45	585	63			85	19000	6380
		50	1020	220			93	19400	6530
		55	1410	310	MISSISSIPPI RIVER AT MILE 40.0				
		65	17500	5820	Lat 29°29'20", long 89°41'45"				
		75	23700	8210	SEP. 09...	1720	SURFACE	538	48
		85	24300	8450			20	544	49
		95	24700	8610			40	533	47
		113	24700	8610			60	566	50
MISSISSIPPI RIVER AT MILE 48.5							65	782	115
Lat 29°34'20", long 89°47'45"							70	1160	3600
SEP. 21...	1140	SURFACE	480	36			75	18100	6050
		30	477	36			83	19500	6570
		60	492	36	SEP. 21...	0930	SURFACE	568	57
		70	492	36			20	635	77
		75	1870	450			35	842	140
		80	4220	1180			50	1840	442
MISSISSIPPI RIVER AT MILE 47.5							55	7640	2330
Lat 29°34'00", long 89°47'15"							60	24000	8330
SEP. 21...	1110	SURFACE	495	37			65	27500	9760
		25	501	38			75	29400	10600
		50	502	38			85	29800	10700
		60	555	53	SEP. 29...	1500	SURFACE	674	90
		64	2000	490			20	936	167
		68	13900	4500			40	1560	362
							45	1720	404
							50	4060	1130
							60	24900	8800
							80	34200	12600

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

SALT-WATER INTRUSION STUDY--Continued

WATER QUALITY DATA, AUGUST TO SEPTEMBER 1976

DATE	TIME	DEPTH (FT)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DATE	TIME	DEPTH (FT)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)
MISSISSIPPI RIVER AT MILE 35.0					MISSISSIPPI RIVER AT MILE 23.8				
Lat 29°27'25", long 89°37'30"					Lat 29°21'15", long 89°30'40"				
SEP. 09...	1915	SURFACE	542	48	AUG. 22...	1200	SURFACE	526	45
		20	639	69			25	524	45
		50	847	136			50	528	46
		55	2460	636			65	535	50
		60	13600	4390			70	7220	2150
		80	30000	10800			75	21800	7490
		100	30000	10800			85	27600	9830
		120	30300	10900			95	28000	9960
SEP. 21...	1215	SURFACE	779	120			104	28100	10000
		20	877	150	MISSISSIPPI RIVER AT MILE 22.5				
		40	1200	247	Lat 29°20'40", long 89°29'30"				
		50	3750	1030	AUG. 22...	1130	SURFACE	538	42
		55	14900	4860			25	561	54
		60	24700	8610			50	619	71
		70	31000	11200			60	625	73
		80	32100	11700			65	1040	190
MISSISSIPPI RIVER AT MILE 30.0							70	14400	4700
Lat 29°23'50", long 89°35'55"							78	22100	7600
SEP. 09...	1915	SURFACE	589	57			82	26800	9500
		20	981	177	MISSISSIPPI RIVER AT MILE 18.6				
		40	1180	238	Lat 29°21'07", long 89°26'11"				
		50	4940	1430	AUG. 22...	1000	SURFACE	562	75
		55	16100	5300			20	695	90
		60	23400	8090			40	849	133
		70	30500	11000			50	4540	1280
		80	30900	11200			60	5670	1630
		90	31200	11300			70	15100	4890
		100	31800	11600			80	24600	8510
		110	31800	11600			90	30000	10900
		120	32800	12000			100	30900	11100
SEP. 21...	1230	SURFACE	1230	256			110	31200	11200
		12.5	1240	260			118	31100	11300
		25	1310	280	SEP. 10...	0830	SURFACE	1660	387
		35	1430	316			20	2090	523
		40	4410	1240			30	5660	1690
		45	10100	3170			40	14100	4570
		50	13900	4500			50	21000	7150
		55	25300	8850			60	32200	11700
		65	32100	11700			80	36300	13600
		85	33800	12500			100	36900	13800
		105	34100	12600			120	37700	14200
		125	34200	12600	SEP. 20...	1815	SURFACE	1950	475
SEP. 29...	1530	SURFACE	1360	295			7.5	1950	475
		20	1680	393			15	2140	532
		30	2190	547			20	2380	606
		40	8410	2590			25	2390	610
		60	30700	11100			30	6380	1920
		80	36200	13500			35	18100	6040
		100	36200	13500			45	22700	7810
		110	36300	13600			55	28700	10300
		120	36300	13600			65	35900	13400
MISSISSIPPI RIVER AT MILE 25.0							85	37100	13900
Lat 29°21'45", long 89°31'50"							105	37300	14000
AUG. 22...	1100	SURFACE	523	45			125	37400	14000
		35	522	45	SEP. 29...	1615	SURFACE	2500	643
		74	569	58			20	3880	1080
							30	13200	4250
							40	18000	6000
							50	26600	9380
							60	34900	12900
							70	37600	14200
							90	38400	14500
							115	38700	14700

SALT-WATER INTRUSION STUDY--Continued

WATER QUALITY DATA, AUGUST TO SEPTEMBER 1976

DATE	TIME	DEPTH (FT)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DATE	TIME	DEPTH (FT)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)
MISSISSIPPI RIVER AT MILE 10.7 Lat 29°16'33", long 89°21'10"					MISSISSIPPI RIVER AT MILE 0.0 (HEAD OF PASSES)--Continued				
AUG. 22...	0900	SURFACE	978	161	SEP. 28...	1350	SURFACE	3450	940
		15	993	182			5	3920	1090
		30	1110	222			10	5710	1700
		40	2690	694			15	10600	3340
		47.5	5210	1480			20	11800	3510
		53	15700	5300			25	13900	4500
SEP. 10...	1000	SURFACE	2640	695			32	17000	5630
		20	2980	802			40	44700	17500
		30	6830	2060			43	44200	17300
		40	10300	3240	MISSISSIPPI RIVER IN SOUTHWEST PASS AT MILE 7.0 BHP ^{b/}				
		45	11700	3720	Lat 29°03'45", long 89°18'25"				
		50	28300	10100	AUG. 22...	1545	SURFACE	2620	620
		55	35600	13300			10	4780	1360
		63	39100	14900			15	10800	3580
SEP. 20...	1730	SURFACE	2180	575			20	17200	5890
		15	2810	738			30	34400	12800
		22.5	5460	1620			37.5	41700	16000
		30	10000	3100			44	41800	16100
		35	11400	3620	SEP. 10...	1125	SURFACE	6090	1820
		40	15300	5000			7.5	6450	1930
		45	19200	6460			15	11400	3620
		55	37400	14100			22	23400	8120
		65	38600	14600			30	37500	14200
SEP. 29...	1745	SURFACE	3410	927			37.5	42700	16600
		10	3750	1030			44	43800	17200
		20	5420	1600	SEP. 20...	1630	SURFACE	4840	1390
		30	12200	3900			10	6520	1970
		40	16400	5410			15	16800	5560
		45	21700	7420			20	26600	9380
		50	36100	13500			28	40000	15300
		63	41700	16100			38	45200	17700
MISSISSIPPI RIVER AT MILE 0.0 (HEAD OF PASSES) Lat 29°09'04", long 89°15'17"							46	45200	17700
JULY 12...	1030	SURFACE	410	33	SEP. 28...	0920	SURFACE	6050	1820
		15	412	33			5	8100	2490
		30	412	33			10	12800	4110
		42.5	412	33			20	28500	10200
AUG. 22...	1445	SURFACE	1570	364			28	37700	14200
		10	1800	436			35	46700	18500
		20	2490	638			42	48000	19100
		25	8030	2460	MISSISSIPPI RIVER IN SOUTHWEST PASS AT MILE 14.0 BHP				
		30	12200	3910	Lat 21°58'45", long 89°22'25"				
		35	24400	8570	AUG. 22...	1615	SURFACE	7290	2210
		42	37100	13900			10	16200	5340
SEP. 10...	1050	SURFACE	3520	970			20	31400	11400
		10	3860	1080			30	40200	15600
		20	7440	2270			40	41700	16200
		30	12600	4040			45	41700	16200
		35	21700	7450	SEP. 10...	1200	SURFACE	10300	3240
		40	35300	13200			10	18500	6200
		47	40700	15700			15	23600	8200
SEP. 20...	1220	SURFACE	3030	807			19	35100	13100
		10	5070	1460			27.5	42700	16700
		20	10100	3170			35	44300	17400
		27	15100	4930			42	44700	17600
		32	21900	7500	SEP. 20...	1600	SURFACE	8610	2660
		37	40900	15700			10	20900	7110
		45	42100	16200			15	31500	11400
							20	42000	16200
							30	45700	18000
							40	46700	18500

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

SALT-WATER INTRUSION STUDY--Continued

WATER QUALITY DATA, AUGUST TO SEPTEMBER 1976

DATE	TIME	DEPTH (FT)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)
MISSISSIPPI RIVER IN SOUTHWEST PASS AT MILE 14.0 BHP.--Continued				
SEP. 28...	1000	SURFACE	11600	3690
		5	14200	4610
		10	26100	9180
		15	32200	11800
		20	41900	16200
		25	45800	18000
		32	48100	19200
		40	48300	19300

MISSISSIPPI RIVER IN SOUTHWEST
PASS AT MILE 20.2 BHP

Lat 28°54'42", long 89°25'30"

AUG. 22...	1630	SURFACE	11700	3720
		10	31500	11600
		20	41700	16200
		30	43000	16800
		40	43000	16800
		50	43000	16800
SEP. 10...	1220	SURFACE	14900	5000
		10	28400	10200
		20	44100	17300
		30	44500	17500
		40	44800	17700
		50	46000	18200
SEP. 20...	1530	SURFACE	13100	4210
		5	18300	6120
		10	38300	14500
		20	45300	17800
		30	47200	18700
		40	48200	19200
		50	48200	19200
SEP. 28...	1045	SURFACE	15900	5220
		5	24600	8570
		10	38000	14300
		15	43400	16900
		20	48000	19100
		30	48800	19500
		40	49500	19900
		48	49500	19900

MISSISSIPPI RIVER IN SOUTH PASS
AT MILE 5.8 BHP

Lat 29°04'30", long 89°12'55"

AUG. 23...	1040	SURFACE	2290	578
		10	2500	644
		20	3740	1140
		25	11800	3820
		30	35000	13300
		35	37700	14600
SEP. 10...	1410	SURFACE	5780	1710
		7	5880	1760
		14	6350	1890
		21	9130	2830
		28	18500	6210
		36	39000	14900
SEP. 20...	1400	SURFACE	--	--
		7.5	5660	1680
		15	8570	2650
		20	16900	5590
		25	38400	14500
		33	41300	15900

DATE	TIME	DEPTH (FT)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)
MISSISSIPPI RIVER IN SOUTH PASS AT MILE 5.8 BHP.--Continued				
SEP. 28...	1310	SURFACE	6380	1920
		5	7560	2310
		10	7560	2310
		15	8640	2670
		20	14500	4720
		25	22700	7810
		28	28900	10300
		32	41900	16200

MISSISSIPPI RIVER IN SOUTH PASS
AT MILE 11.0 BHP

Lat 29°00'53", long 89°09'57"

JULY 12...	1145	SURFACE	850	160
		10	2690	880
		15	6220	2300
		17.5	11900	4700
		20	33900	16000
		21.5	38300	16000
AUG. 23...	1020	SURFACE	3630	948
		10	5500	1640
		15	42400	16600
		20	42900	16900
		25	42900	16900
SEP. 10...	1335	SURFACE	6830	2060
		7	7500	2290
		15	11900	3790
		19	30800	11200
		22	43600	17100
SEP. 20...	1430	SURFACE	6850	2080
		7.5	10500	3310
		11	14600	4750
		15	32500	11900
		22.5	45800	18000
SEP. 28...	1215	SURFACE	8460	2610
		5	8990	2790
		10	10600	3340
		15	12400	3970
		20	16600	5480

PASS A LOUITRE 2.0 MILES WEST OF NORTH PASS

Lat 29°11'05", long 89°05'00"

AUG. 22...	1500	SURFACE	3740	1050
		12	3740	1050
		24	3790	1070
SEP. 10...	1445	SURFACE	6200	1860
		10	6380	1920
		20	6640	2000
		29	6680	2020
SEP. 20...	1320	SURFACE	6750	2040
		15	8480	2610
		24	8740	2710
SEP. 28...	1600	SURFACE	7260	2200
		10	7340	2230
		20	7510	2290
		26	7510	2290

a/ Above Head of Passes.

b/ Below Head of Passes.

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
PEARL RIVER BASIN					
02489500 PEARL RIVER NEAR BOGALUSA					
NOV. 5, 1975.....	20.0	6.7	MAY 5.....	22.0	--
NOV. 18.....	16.0	--	MAY 26.....	23.0	11.4
DEC. 4.....	12.0	10.4	JUNE 8.....	25.0	9.5
JAN. 6, 1976.....	10.0	11.4	JULY 7.....	27.0	8.6
JAN. 29.....	9.7	10.5	JULY 14.....	27.5	8.7
FEB. 10.....	12.0	11.2	AUG. 17.....	28.0	8.6
FEB. 18.....	15.0	--	AUG. 24.....	28.5	6.0
APR. 19.....	16.0	--	SEPT. 20.....	26.5	8.8
02490105 BOGUE LUSA CREEK AT STATE HIGHWAY 439, AT BOGALUSA					
OCT. 28, 1975.....	18.0	9.7	APR. 20.....	20.5	--
OCT. 30.....	19.0	9.9	MAY 27.....	21.0	8.0
NOV. 18.....	12.5	--	JUNE 8.....	24.0	5.1
DEC. 3.....	10.5	11.0	JULY 7.....	21.5	10.1
JAN. 7, 1976.....	8.5	12.4	JULY 14.....	26.0	9.3
FEB. 5.....	12.5	11.2	AUG. 17.....	25.5	9.6
MAR. 17.....	15.0	--	SEPT. 22.....	23.0	7.8
02492000 BOGUE CHITTO NEAR BUSH					
OCT. 30, 1975.....	21.0	10.2	MAY 24.....	24.0	9.0
DEC. 2.....	12.5	10.0	MAY 26.....	24.5	10.4
DEC. 5.....	13.5	11.4	JUNE 7.....	25.5	10.2
JAN. 5, 1976.....	7.5	11.8	JUNE 9.....	23.5	10.0
JAN. 15.....	12.5	10.7	JULY 7.....	26.0	8.8
FEB. 10.....	10.5	8.6	AUG. 16.....	--	9.3
MAR. 15.....	16.0	6.8	SEPT. 21.....	24.4	9.8
APR. 22.....	22.5	7.8			
MISSISSIPPI RIVER DELTA					
07373965 SOUTH CANAL NEAR BAKER					
OCT. 29, 1975.....	20.5	5.4	MAR. 26.....	18.0	--
DEC. 2.....	11.0	9.5	APR. 14.....	19.0	6.0
JAN. 12, 1976.....	10.0	10.2	MAY 11.....	21.5	--
FEB. 11.....	13.0	8.9	MAY 13.....	20.5	--
MAR. 17.....	15.0	7.9	JULY 7.....	27.0	3.1
MAR. 19.....	15.0	--	SEPT. 20.....	23.0	3.8
07375000 TCHEFUNCTA RIVER NEAR FOLSOM					
OCT. 29, 1975.....	19.5	8.0	MAR. 31.....	19.0	--
NOV. 13.....	16.0	9.0	APR. 22.....	20.0	--
DEC. 1.....	14.0	10.8	MAY 25.....	20.0	9.6
JAN. 5, 1976.....	6.0	11.2	JUNE 9.....	20.0	10.4
FEB. 11.....	13.0	9.0	JULY 8.....	23.0	8.4
FEB. 18.....	19.0	8.2	AUG. 18.....	22.5	9.2
MAR. 15.....	16.5	8.5	SEPT. 23.....	21.0	8.4
07376500 NATALBANY RIVER AT BAPTIST					
NOV. 7, 1975.....	21.0	8.2	MAR. 22.....	18.5	--
NOV. 13.....	16.0	--	APR. 21.....	24.9	--
NOV. 19.....	18.5	--	MAY 27.....	24.0	9.8
DEC. 1.....	13.0	10.6	JUNE 9.....	27.5	10.2
JAN. 7, 1976.....	14.0	8.6	JUNE 14.....	28.0	10.8
FEB. 12.....	15.0	--	AUG. 18.....	27.0	8.5
MAR. 16.....	17.0	--	SEPT. 22.....	24.0	10.0
07377000 AMITE RIVER NEAR DARLINGTON					
NOV. 5, 1975.....	20.0	8.0	MAY 28.....	21.0	9.8
JAN. 6, 1976.....	8.0	11.2	JULY 8.....	26.0	8.4
FEB. 11.....	15.0	10.6	AUG. 17.....	27.0	9.0
MAR. 22.....	15.0	--	SEPT. 23.....	20.0	8.8
APR. 19.....	22.0	10.4			
07375500 TANGIPAHOA RIVER AT ROBERT					
NOV. 17, 1975.....	15.0	--	FEB. 9.....	15.0	--
NOV. 19.....	17.0	--	APR. 23.....	23.0	10.0
NOV. 21.....	14.0	--	JUNE 2.....	25.5	--
NOV. 25.....	11.5	--	JULY 15.....	27.0	9.0
DEC. 3.....	12.0	--	AUG. 20.....	25.5	8.6
JAN. 8, 1976.....	11.0	11.2	SEPT. 21.....	24.5	11.8

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
MISSISSIPPI RIVER DELTA--Continued					
07376000 TICKFAW RIVER AT HOLDEN					
NOV. 7, 1975.....	20.0	8.4	MAY 26.....	21.5	9.5
NOV. 17.....	14.0	--	JUNE 10.....	25.0	10.8
DEC. 1.....	12.5	--	JULY 13.....	23.5	8.0
JAN. 7, 1976.....	9.5	11.0	AUG. 16.....	27.5	9.0
FEB. 12.....	15.0	10.0	AUG. 24.....	25.0	8.7
MAR. 16.....	17.0	11.0	SEPT. 22.....	24.0	8.2
APR. 21.....	23.5	11.4			
07377500 COMITE RIVER NEAR OLIVE BRANCH					
OCT. 30, 1975.....	21.0	9.6	MAR. 15.....	16.0	--
NOV. 3.....	20.5	--	APR. 15.....	19.5	8.6
NOV. 13.....	17.0	--	JUNE 1.....	26.0	--
NOV. 14.....	14.0	--	JUNE 7.....	24.5	--
NOV. 17.....	14.0	--	JUNE 9.....	22.0	--
DEC. 1.....	14.5	9.6	JUNE 14.....	25.0	--
JAN. 6, 1976.....	8.0	11.4	JULY 7.....	23.0	7.6
FEB. 9.....	14.5	10.2	AUG. 17.....	27.5	4.1
FEB. 10.....	14.5	10.1	SEPT. 20.....	25.0	3.7
07377755 WHITE BAYOU EAST DIVERSION CHANNEL NEAR BATON ROUGE					
DEC. 2, 1975.....	11.0	7.9	APR. 14.....	18.0	8.5
JAN. 12, 1976.....	12.0	7.0	MAY 11.....	21.0	--
FEB. 11.....	14.5	6.8	MAY 14.....	20.5	--
MAR. 17.....	15.5	7.6	JULY 7.....	27.0	--
MAR. 26.....	18.0	--	SEPT. 20.....	22.0	2.5
07377842 WHITE BAYOU NEAR BAKER					
OCT. 29, 1975.....	22.0	2.4	MAR. 26.....	18.0	--
DEC. 2.....	10.5	4.8	APR. 14.....	19.5	2.2
JAN. 12, 1976.....	12.5	3.6	MAY 11.....	21.5	--
FEB. 11.....	15.0	4.5	JULY 7.....	27.0	--
MAR. 17.....	11.0	6.8	SEPT. 20.....	23.0	--
07377782 WHITE BAYOU SOUTHEAST OF ZACHARY					
OCT. 29, 1975.....	21.0	7.8	MAR. 19.....	13.0	--
DEC. 2.....	21.0	9.5	MAR. 26.....	18.0	--
JAN. 12, 1976.....	10.0	9.5	MAY 11.....	21.5	--
FEB. 11.....	13.0	8.8	JULY 7.....	26.5	--
MAR. 17.....	13.0	8.6	SEPT. 20.....	23.5	4.0
07378000 COMITE RIVER NEAR COMITE					
OCT. 30, 1975.....	20.0	8.8	APR. 15.....	21.0	8.9
NOV. 13.....	17.0	--	APR. 26.....	27.0	8.9
NOV. 17.....	18.0	--	JUNE 3.....	26.0	7.9
DEC. 8.....	13.0	10.5	JUNE 7.....	22.5	--
JAN. 8, 1976.....	7.0	11.0	JUNE 8.....	22.5	--
JAN. 12.....	11.0	10.1	JULY 8.....	22.5	6.8
FEB. 10.....	12.0	10.1	AUG. 18.....	25.0	8.5
MAR. 19.....	19.0	8.9	SEPT. 21.....	28.0	5.0
07378500 AMITE RIVER NEAR DENHAM SPRINGS					
NOV. 12, 1975.....	21.5	6.5	APR. 21.....	23.0	8.9
DEC. 1.....	13.0	7.5	JUNE 1.....	26.0	9.5
JAN. 5, 1976.....	9.0	10.9	JULY 7.....	25.0	8.2
FEB. 13.....	17.0	8.8	AUG. 16.....	29.5	8.0
MAR. 18.....	15.5	9.5	SEPT. 22.....	24.0	7.8
APR. 20.....	23.0	8.8			
07380400 BAYOU LAFOURCHE AT DONALDSONVILLE					
NOV. 10, 1975.....	19.0	--	JULY 15.....	29.5	--
FEB. 17, 1976.....	11.0	--	SEPT. 13.....	27.5	--
APR. 20.....	18.5	--			
CALCASIEU RIVER BASIN					
08016800 BEAR HEAD CREEK NEAR STARKS					
NOV. 10, 1975.....	19.0	--	JUNE 3.....	23.0	--
JAN. 13, 1976.....	13.0	--	JULY 1.....	23.5	--
FEB. 19.....	14.5	--	AUG. 12.....	26.0	--
MAR. 26.....	17.0	--	SEPT. 24.....	26.0	--

Figure 6. — Location of observation wells.



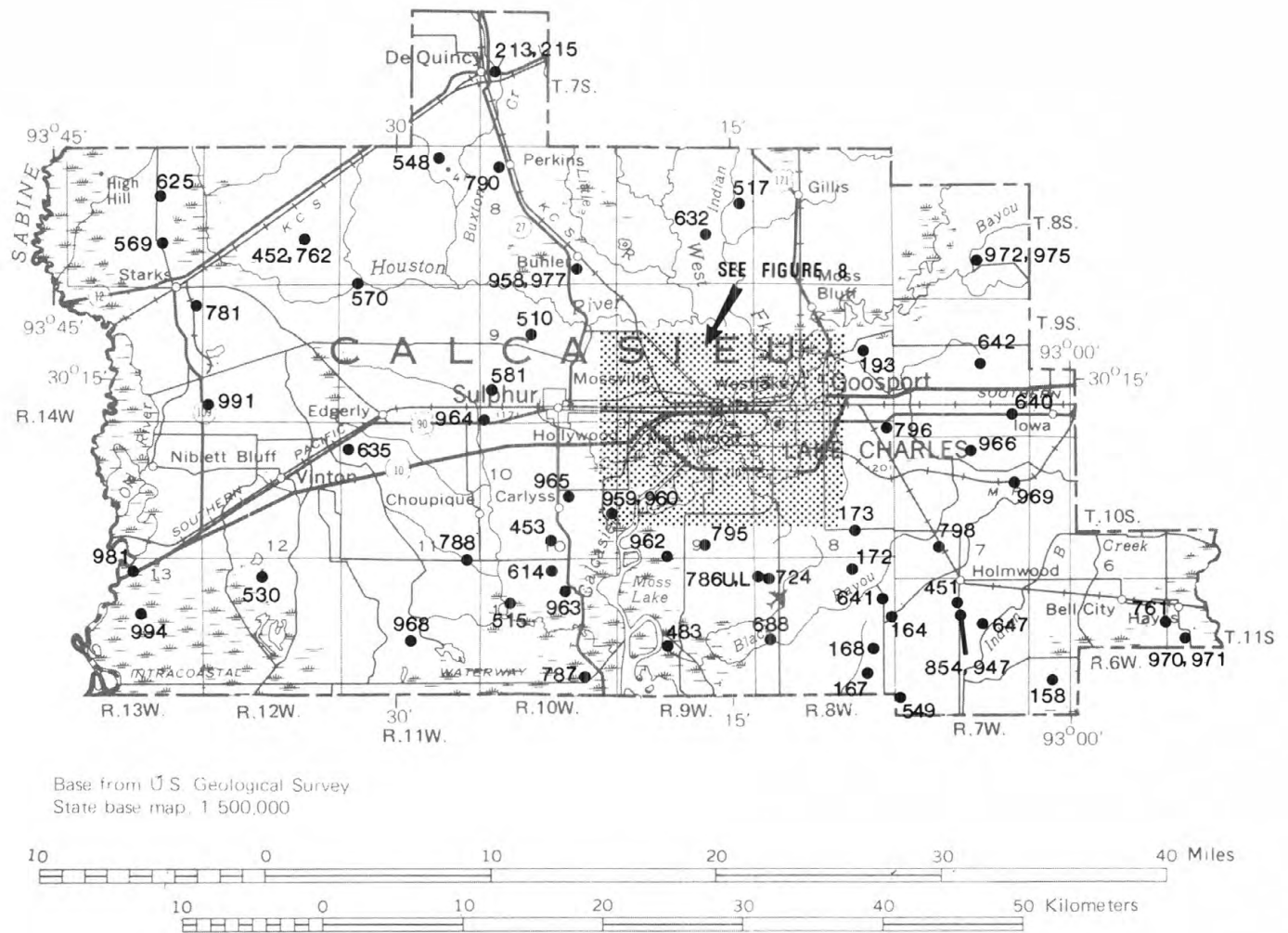
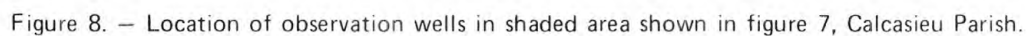


Figure 7. — Location of observation wells in Calcasieu Parish [except for wells located in the shaded area (see fig. 8)].



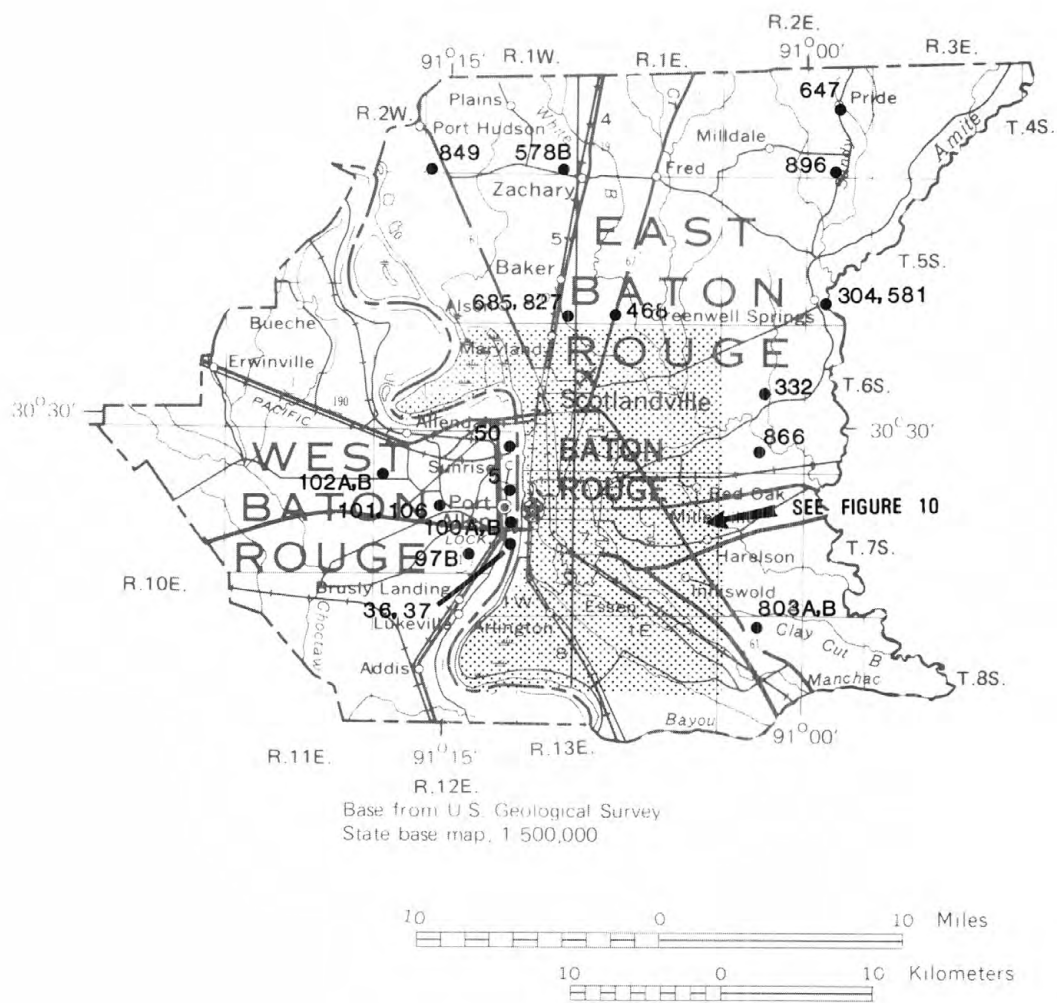


Figure 9. — Location of observation wells, East Baton Rouge and West Baton Rouge Parishes [except for wells located in the shaded area (see fig.10)].



Figure 10. — Location of observation wells, shaded area shown in Figure 9, East Baton Rouge Parish.

GROUND-WATER LEVELS

ACADIA PARISH

30252092242001 LOCAL WELL NUMBER: AC-22

OWNER: HARRY FREY. (SEC. 19, T. 7S., R. 1E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN, REPORTED DEPTH 300 FT, SCREENED 240-300. MP LOWER LIP OF DISCHARGE PIPE, 3.45 FT ABOVE LSD.

LSD 44.59 FT ABOVE MSL.

HIGHEST WATER LEVEL 36.80 BELOW LSD, APR. 10, 1941.

LOWEST WATER LEVEL 91.15 BELOW LSD, JULY 14, 1953.

RECORDS AVAILABLE 1939-66, 1968-72, 1974-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1975	86.25						

302207092153201 LOCAL WELL NUMBER: AC-121

OWNER: MELECK BROTHERS. (SEC. 10, T. 8S., R. 2E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 24 TO 12 IN, REPORTED DEPTH 277 FT, SCREENED 217-277. MP LOWER LIP OF DISCHARGE PIPE, 4.70 FT ABOVE LSD.

LSD 49.13 FT ABOVE MSL.

HIGHEST WATER LEVEL 59.95 BELOW LSD, SEP. 7, 1956.

LOWEST WATER LEVEL 80.67 BELOW LSD, AUG. 26, 1965.

RECORDS AVAILABLE 1954-65, 1967-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1975	79.80	MAR. 3, 1976	77.40				

301923092121801 LOCAL WELL NUMBER: AC-137

OWNER: G. A. KENNEDY ESTATE. (SEC. 49, T. 8S., R. 3E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, REPORTED DEPTH 300 FT, SCREENED INTERVAL UNKNOWN. MP LOWER LIP OF DISCHARGE PIPE, 5.50 FT ABOVE LSD.

LSD 40.85 FT ABOVE MSL.

HIGHEST WATER LEVEL 49.19 BELOW LSD, JUNE 16, 1954.

LOWEST WATER LEVEL 68.00 BELOW LSD, FEB. 25, 1974.

RECORDS AVAILABLE 1954-58, 1960-68, 1970-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1975	55.20	MAR. 3, 1976	63.40				

300731092021301 LOCAL WELL NUMBER: AC-147

OWNER: MERVIN FAULK. (SEC. 34, T. 10S., R. 1E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 IN, REPORTED DEPTH 298 FT, SCREENED INTERVAL UNKNOWN. MP 1/2-IN HOLE WITH PLUG, 4.12 FT ABOVE LSD.

LSD 17.78 FT ABOVE MSL.

HIGHEST WATER LEVEL 13.45 BELOW LSD, APR. 9, 1941.

LOWEST WATER LEVEL 44.15 BELOW LSD, AUG. 31, 1962.

RECORDS AVAILABLE 1939-41, 1945-68, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1975	42.73	MAR. 3, 1976	42.48				

301422092284301 LOCAL WELL NUMBER: AC-232

OWNER: SUN OIL CO. (SEC. 28, T. 9S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, REPORTED DEPTH 215 FT, SCREENED 195-215. MP TOP OF 4-IN COLLAR, 2.01 FT ABOVE LSD.

LSD 14.65 FT ABOVE MSL.

HIGHEST WATER LEVEL 19.19 BELOW LSD, MAR. 22, 1950.

LOWEST WATER LEVEL 53.32 BELOW LSD, AUG. 29, 1963.

RECORDS AVAILABLE 1949-52, 1954-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	43.95	MAR. 3, 1976	43.14				

See footnotes at end of table.

301932092341201 LOCAL WELL NUMBER: AC-235

OWNER: H. H. LEJEUNE. (SEC. 28, T. 8S., R. 2W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 8 IN, REPORTED DEPTH 310 FT, SCREENED 250-310. MP LOWER LIP OF DISCHARGE PIPE, 4.42 FT ABOVE LSD.
 LSD 35.25 FT ABOVE MSL.
 HIGHEST WATER LEVEL 42.86 BELOW LSD, MAR. 22, 1950.
 LOWEST WATER LEVEL 72.83 BELOW LSD, FEB. 26, 1975.
 RECORDS AVAILABLE 1949-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	72.83	MAR. 8, 1976	71.18				

302658092174701 LOCAL WELL NUMBER: AC-290

OWNER: GREENE AND ALBERT SPEARS AND OTHERS. (SEC. 18, T. 7S., R. 2E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 TO 10 IN, REPORTED DEPTH 300 FT, SCREENED 220-300. MP HOLE IN TOP OF DISCHARGE PIPE, 3.90 FT ABOVE LSD.
 LSD 53.40 FT ABOVE MSL.
 HIGHEST WATER LEVEL 69.15 BELOW LSD, MAR. 3, 1954.
 LOWEST WATER LEVEL 89.76 BELOW LSD, AUG. 26, 1965.
 RECORDS AVAILABLE 1954-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1975	89.10	MAR. 3, 1976	85.35				

301709092191001 LOCAL WELL NUMBER: AC-291

OWNER: C. J. ZAUNBRECHER. (SEC. 12, T. 9S., R. 1E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 IN, REPORTED DEPTH 272 FT. SCREENED INTERVAL UNKNOWN. MP TOP OF 1 1/2-IN NIPPLE, 4.72 FT ABOVE LSD.
 LSD 33.27 FT ABOVE MSL.
 HIGHEST WATER LEVEL 45.55 BELOW LSD, MAR. 16, 1954.
 LOWEST WATER LEVEL 68.30 BELOW LSD, AUG. 26, 1965.
 RECORDS AVAILABLE 1954-69, 1971-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1975	64.83	MAR. 3, 1976	63.68				

301017092321701 LOCAL WELL NUMBER: AC-292

OWNER: SUN OIL CO. (SEC. 48, T. 10S., R. 2W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, REPORTED DEPTH 244 FT, SCREENED 224-244. MP TOP OF 1-IN AIRLINE, 3.00 FT ABOVE LSD.
 LSD 12.07 FT ABOVE MSL.
 HIGHEST WATER LEVEL 25.19 BELOW LSD, APR. 3, 1956.
 LOWEST WATER LEVEL 43.07 BELOW LSD, AUG. 26, 1965.
 RECORDS AVAILABLE 1954-69, 1971-72, 1974-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1975	41.40						

GROUND-WATER LEVELS

ACADIA PARISH

301832092234501 LOCAL WELL NUMBER: AC-326

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 8S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 6 TO 2 IN, DEPTH 202 FT, SCREENED 192-202. MP TOP OF 6-IN CASING, 1.15 FT ABOVE LSD.
 LSD 25.80 FT ABOVE MSL.
 HIGHEST WATER LEVEL 48.61 BELOW LSD, MAR. 14, 1965,
 LOWEST WATER LEVEL 83.93 BELOW LSD, JULY 5, 1969.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 1, 1975	66.65H	DEC. 31, 1975	61.44	MAR. 31, 1976	61.48	JUNE 30, 1976	77.24
OCT. 5	66.49	JAN. 5, 1976	61.49	APR. 5	62.34	JULY 5	75.86
OCT. 10	66.00	JAN. 10	61.20	APR. 10	64.76	JULY 10	74.53
OCT. 15	65.58	JAN. 15	61.02	APR. 15	67.54	JULY 15	75.60
OCT. 20	65.18	JAN. 20	60.90	APR. 20	69.27H	JULY 20	75.12
OCT. 22	65.00H	JAN. 23	60.57H	APR. 25	71.87	JULY 25	76.11
OCT. 25	64.88	JAN. 25	60.22	APR. 30	73.23	JULY 31	75.28
OCT. 31	64.97	JAN. 31	60.08	MAY 5	75.65	AUG. 5	74.58
NOV. 5	64.50	FEB. 5	60.05	MAY 10	72.98	AUG. 9	74.18H
NOV. 10	64.29	FEB. 10	59.82	MAY 15	71.24	AUG. 10	74.08
NOV. 15	64.25	FEB. 15	59.64	MAY 20	73.13	AUG. 15	73.84
NOV. 20	64.10	FEB. 20	59.30	MAY 21	73.65H	AUG. 20	72.89
NOV. 24	64.08H	FEB. 25	59.82	MAY 25	74.97	AUG. 25	71.87
NOV. 25	63.96	FEB. 29	60.05	MAY 31	74.73	AUG. 31	71.36
NOV. 30	63.33	MAR. 3	59.95H	JUNE 5	75.63	SEP. 5	70.60
DEC. 5	63.10	MAR. 5	59.80	JUNE 10	75.40	SEP. 10	69.99
DEC. 10	62.73	MAR. 10	59.90	JUNE 15	76.53	SEP. 15	69.45H
DEC. 15	62.56	MAR. 15	60.23	JUNE 20	75.41	SEP. 20	69.25
DEC. 20	62.39	MAR. 20	60.35	JUNE 24	74.71H	SEP. 25	68.65
DEC. 22	62.21H	MAR. 22	60.54H	JUNE 25	75.35	SEP. 30	68.15
DEC. 25	61.69	MAR. 25	60.60				

301832092234504 LOCAL WELL NUMBER: AC-335U

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 8S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 907 FT, SCREENED 902-907. MP TOP OF 1 1/2-IN PIPE, 3.00 FT ABOVE LSD.
 LSD 24.55 FT ABOVE MSL.
 HIGHEST WATER LEVEL 43.59 BELOW LSD, MAR. 5, 1968,
 LOWEST WATER LEVEL 62.45 BELOW LSD, AUG. 21, 1974.
 RECORDS AVAILABLE 1966-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 22, 1975	54.15						

301832092234503 LOCAL WELL NUMBER: AC-335L

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 8S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN EVANGELINE AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1363 FT, SCREENED 1358-1363. MP TOP OF 1 1/2-IN PIPE, 3.00 FT ABOVE LSD.
 LSD 24.55 FT ABOVE MSL.
 HIGHEST WATER LEVEL 50.43 BELOW LSD, MAR. 31, 1970,
 LOWEST WATER LEVEL 62.54 BELOW LSD, NOV. 1, 1974.
 RECORDS AVAILABLE 1966-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 22, 1975	62.11						

301447092214401 LOCAL WELL NUMBER: AC-339

OWNER: ANDING ESTATE. (SEC. 27, T. 9S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 210 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 4-IN CASING, 1.87 FT ABOVE LSD.
 LSD 22.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 52.33 BELOW LSD, MAR. 3, 1976,
 LOWEST WATER LEVEL 53.73 BELOW LSD, FEB. 25, 1975.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1975	53.73	MAR. 3, 1976	52.33				

ASCENSION PARISH

30141109050501 LOCAL WELL NUMBER: AN-2

OWNER: TOWN OF GONZALES. (SEC. 28, T. 4S., R. 3E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, REPORTED DEPTH 590 FT, SCREENED 550-590, MP TOP EDGE 2-IN COLLAR, 0.57 FT ABOVE LSD (SINCE 2/5/74).

LSD 8.14 FT ABOVE MSL.

HIGHEST WATER LEVEL 5.98 ABOVE LSD, MAY 10, 1962.

LOWEST WATER LEVEL 4.39 BELOW LSD, SEP. 16, 1976.

RECORDS AVAILABLE 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 4, 1975 +	3.63	NOV. 5, 1975	1.93	APR. 23, 1976 +	0.67	SEP. 16, 1976	4.39
SEP. 15	0.78	FEB. 17, 1976	0.55	JULY 14	1.94		

302008090541601 LOCAL WELL NUMBER: AN-16

OWNER: ROGER W. FRITCHIE. (SEC. 20, T. 8S., R. 3E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND OF PLIOCENE AGE, DIAM 2 IN, DEPTH 1693 FT, SCREENED 1663-1693, MP CENTERLINE OF 2-IN TEE, 0.70 FT ABOVE LSD.

LSD 16.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 45.73 ABOVE LSD, DEC. 8, 1954; FEB. 28, 1955; APR. 28, 1955.

LOWEST WATER LEVEL 8.20 ABOVE LSD, SEP. 16, 1976.

RECORDS AVAILABLE 1954-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 4, 1975 +	12.60	NOV. 5, 1975 +	11.10	APR. 23, 1976 +	10.60	SEP. 16, 1976 +	8.20

ASSUMPTION PARISH

300208090573401 LOCAL WELL NUMBER: AS-14

OWNER: SHELL OIL CO. (SEC. 42, T. 12S., R. 15E.) DRILLED UNUSED ARTESIAN WELL IN MISS. RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 159 FT, SCREENED INTERVAL UNKNOWN, MP LOWER EDGE 4-IN COUPLING ON DISCHARGE PIPE, 1.7 FT ABOVE LSD.

LSD 5.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 5.50 ABOVE LSD, APR. 3, 1975.

LOWEST WATER LEVEL 4.75 BELOW LSD, JAN. 9, 1970.

RECORDS AVAILABLE 1958-64, 1965, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 3, 1975 +	5.50	NOV. 10, 1975	2.35	APR. 30, 1976	0.13	SEP. 13, 1976	4.60

295918091030101 LOCAL WELL NUMBER: AS-55

OWNER: MEDERIC LERLANC. (SEC. 31, T. 12S., R. 14E.) DRILLED UNUSED ARTESIAN WELL IN MISS. RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 168 FT, SCREENED INTERVAL UNKNOWN, MP TOP INSIDE EDGE OF 1 1/2-IN ELBOW, 1.40 FT ABOVE LSD.

LSD 16.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 9.54 BELOW LSD, MAY 17, 1973.

LOWEST WATER LEVEL 17.35 BELOW LSD, JAN. 7, 1970; NOV. 20, 1972.

RECORDS AVAILABLE 1960-64, 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 2, 1975	10.88	NOV. 10, 1975	15.20	APR. 20, 1976	13.20	SEP. 14, 1976	17.10

GROUND-WATER LEVELS

CALCASIEU PARISH

301405093153501 LOCAL WELL NUMBER: CU-77

OWNER: OLIN MATHIFSON CHEMICAL CORP. (SEC. 35, T. 9S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLISTOCENE AGE, DIAM 13 TO 6 IN, REPORTED DEPTH 512 FT, SCREENED 448-512. MP TOP OF CONCRETE SHELTER BASE, 7.63 FT ABOVE LSD.

LSD 9.61 FT ABOVE MSL.

HIGHEST WATER LEVEL 82.11 BELOW LSD, FEB. 14, 1956.

LOWEST WATER LEVEL 170.60 BELOW LSD, AUG. 30, 1974.

RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 1, 1975	132.36H	JAN. 5, 1976	141.28	APR. 5, 1976	130.40	JULY 5, 1976	135.45
OCT. 5	127.05	JAN. 6	140.72H	APR. 10	130.15	JULY 10	129.90
OCT. 10	143.20	JAN. 10	144.30	APR. 15	131.03	JULY 15	132.45
OCT. 15	147.95	JAN. 15	138.70	APR. 20	130.55	JULY 20	131.65
OCT. 20	147.48	JAN. 20	139.45	APR. 25	129.62	JULY 25	139.17
OCT. 21	147.99H	JAN. 22	141.56H	APR. 26	129.04H	JULY 28	132.03H
OCT. 25	147.65	JAN. 25	142.45	APR. 30	129.15	JULY 31	132.10
OCT. 31	142.65	JAN. 31	142.05	MAY 5	130.50	AUG. 5	140.07
NOV. 5	146.11	FEB. 5	142.40	MAY 10	126.25	AUG. 10	140.37
NOV. 10	145.20	FEB. 10	137.05	MAY 15	124.80	AUG. 15	142.15
NOV. 15	144.60	FEB. 15	134.85	MAY 20	126.15	AUG. 20	143.60
NOV. 19	144.81H	FEB. 20	135.35	MAY 21	125.77H	AUG. 25	144.95
NOV. 20	144.95	FEB. 25	133.50	MAY 25	129.74	AUG. 31	140.80
NOV. 25	147.10	FEB. 29	133.24	MAY 31	130.17	SEP. 2	139.43H
NOV. 30	149.60	MAR. 5	129.55	JUNE 5	138.85	SEP. 5	128.67
DEC. 5	146.40	MAR. 10	130.95	JUNE 10	147.40	SEP. 10	127.65
DEC. 10	144.54	MAR. 15	131.35	JUNE 15	148.15	SEP. 15	139.90
DEC. 15	142.48	MAR. 20	130.15	JUNE 20	132.20	SEP. 20	143.40
DEC. 20	142.20	MAR. 22	130.07H	JUNE 25	144.18	SEP. 21	143.69H
DEC. 25	141.52	MAR. 25	128.90	JUNE 28	145.14H	SEP. 25	145.93
DEC. 31	140.47	MAR. 31	133.05	JUNE 30	143.53	SEP. 30	141.45

301300093151101 LOCAL WELL NUMBER: CU-84

OWNER: LAKE CHARLES HARBOR AND TERMINAL DISTRICT. (SEC. 2, T. 10S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 16 TO 6 IN, REPORTED DEPTH 683 FT, SCREENED 623-683. MP TOP OF 16-IN CASING, 1.0 FT ABOVE LSD.

LSD 11.07 FT ABOVE MSL.

HIGHEST WATER LEVEL 42.23 BELOW LSD, APR. 17, 1950.

LOWEST WATER LEVEL 113.63 BELOW LSD, MAR. 16, 1976.

RECORDS AVAILABLE 1949-51, 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1975	111.34	MAR. 16, 1976	113.63				

301438093160201 LOCAL WELL NUMBER: CU-91

OWNER: CONTINENTAL OIL CO. (SEC. 27, T. 9S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 526 FT, SCREENED 426-526. MP TOP OF 4-IN CASING FLANGE, 0.50 FT ABOVE LSD.

LSD 13.94 FT ABOVE MSL.

HIGHEST WATER LEVEL 98.32 BELOW LSD, MAR. 30, 1963.

LOWEST WATER LEVEL 133.50 BELOW LSD, FEB. 19, 1971.

RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 7, 1975	127.48	MAR. 12, 1976	119.24				

301110093193701 LOCAL WELL NUMBER: CU-97

OWNER: PETROLEUM CHEMICALS, INC. (SEC. 18, T. 10S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 32 TO 10 IN, REPORTED DEPTH 519 FT, SCREENED 410-519. MP TOP OF 1/2-IN COUPLING, 0.52 FT ABOVE LSD.

LSD 14.78 FT ABOVE MSL.

HIGHEST WATER LEVEL 92.14 BELOW LSD, APR. 4, 1956.

LOWEST WATER LEVEL 173.49 BELOW LSD, FEB. 28, 1974.

RECORDS AVAILABLE 1955-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1975	158.74						

301516093143101 LOCAL WELL NUMBER: CU-112

OWNER: WOODIE HEAD. (SEC. 25, T. 9S., R. 9W.) DRILLED DOMESTIC ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 210 FT, SCREENED 190-210, MP TOP OF REDUCER, 0.40 FT ABOVE LSD.
 LSD 10.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 10.51 BELOW LSD, MAR. 7, 1975.
 LOWEST WATER LEVEL 48.00 BELOW LSD, FEB. 24, 1972.
 RECORDS AVAILABLE 1972, 1975.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1972	48.00	MAR. 7, 1975	10.51				

300342093005601 LOCAL WELL NUMBER: CU-158

OWNER: RAY GREGG. (SEC. 30, T. 11S., R. 6W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 24 TO 12 IN, REPORTED DEPTH 440 FT, SCREENED INTERVAL UNKNOWN, MP LOWER LIP OF DISCHARGE PIPE, 2.25 FT ABOVE LSD.
 LSD 8.63 FT ABOVE MSL.
 HIGHEST WATER LEVEL 26.53 BELOW LSD, APR. 15, 1959.
 LOWEST WATER LEVEL 55.23 BELOW LSD, AUG. 27, 1962.
 RECORDS AVAILABLE 1955-62, 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	44.38	MAR. 11, 1976	41.07				

300636093074601 LOCAL WELL NUMBER: CU-164

OWNER: MRS. C. M. VALLET AND OTHERS. (SEC. 13, T. 11S., R. 8W.) DRILLED IRRIGATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 359 FT, SCREENED 257-359, MP LOWER LIP OF DISCHARGE PIPE, 4.30 FT ABOVE LSD.
 LSD 10.50 FT ABOVE MSL.
 HIGHEST WATER LEVEL 25.25 BELOW LSD, APR. 14, 1959.
 LOWEST WATER LEVEL 72.01 BELOW LSD, AUG. 27, 1962.
 RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1975	47.41	MAR. 11, 1976	44.63				

300400093091701 LOCAL WELL NUMBER: CU-167

OWNER: L. G. WITTLER. (SEC. 35, T. 11S., R. 8W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 350 FT, SCREENED 250-350, MP LOWER EDGE OF DISCHARGE PIPE, 9.48 FT ABOVE LSD.
 LSD 7.80 FT ABOVE MSL.
 HIGHEST WATER LEVEL 25.08 BELOW LSD, APR. 5, 1956.
 LOWEST WATER LEVEL 65.33 BELOW LSD, AUG. 27, 1962.
 RECORDS AVAILABLE 1955-62, 1972-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 24, 1955	28.82	JAN. 15, 1958	30.10	APR. 21, 1960	28.59	AUG. 27, 1962	65.33
APR. 5, 1956	25.08	APR. 29	27.00	AUG. 31	47.61	FEB. 21, 1972	41.08
SEP. 6	51.47	SEP. 4	41.18	MAR. 21, 1961	27.30	FEB. 27, 1973	40.87
APR. 2, 1957	27.36	APR. 14, 1959	28.58	SEP. 11	48.95	FEB. 24, 1975	42.22
APR. 23	29.98	SEP. 9	39.49	MAR. 26, 1962	27.12	MAR. 11, 1976	40.13
SEP. 24	48.09						

300443093084501 LOCAL WELL NUMBER: CU-168

OWNER: A. L. GAYLE. (SEC. 26, T. 11S., R. 8W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 24 TO 12 IN, REPORTED DEPTH 375 FT, SCREENED INTERVAL UNKNOWN, MP LOWER EDGE OF DISCHARGE PIPE, 4.95 FT ABOVE LSD.
 LSD 7.81 FT ABOVE MSL.
 HIGHEST WATER LEVEL 28.64 BELOW LSD, APR. 29, 1958.
 LOWEST WATER LEVEL 67.56 BELOW LSD, AUG. 27, 1962.
 RECORDS AVAILABLE 1958-62, 1972-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 15, 1958	31.63	SEP. 9, 1959	41.92	SEP. 11, 1961	51.63	FEB. 27, 1973	42.92
APR. 29	28.64	APR. 21, 1960	29.88	MAR. 26, 1962	28.75	FEB. 24, 1975	46.19
SEP. 4	43.28	AUG. 31	49.14	AUG. 27	67.56	MAR. 11, 1976	43.87
APR. 14, 1959	29.51	MAR. 21, 1961	28.85	FEB. 21, 1972	43.13		

GROUND-WATER LEVELS

CALCASIEU PARISH

300816093093701 LOCAL WELL NUMBER: CU-172

OWNER: ERNEST CORBENO. (SEC. 2, T. 11S., R. 8W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 630 FT, SCREENED 544-630 MP LOWER LIP OF DISCHARGE PIPE, 0.63 FT ABOVE LSD.
 LSD 15.65 FT ABOVE MSL.
 HIGHEST WATER LEVEL 47.97 BELOW LSD, APR. 29, 1958.
 LOWEST WATER LEVEL 81.45 BELOW LSD, SEP. 10, 1971.
 RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1975	75.61	MAR. 16, 1976	76.36				

300930093091501 LOCAL WELL NUMBER: CU-173

OWNER: R. W. PEYTON AND OTHERS. (SEC. 26, T. 10S., R. 8W.) DRILLED IRRIGATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 24 TO 12 IN, REPORTED DEPTH 726 FT, SCREENED INTERVAL UNKNOWN, MP LOWER LIP OF DISCHARGE PIPE, 1.02 FT ABOVE LSD.
 LSD 23.53 FT ABOVE MSL.
 HIGHEST WATER LEVEL 28.79 BELOW LSD, MAR. 10, 1947.
 LOWEST WATER LEVEL 91.15 BELOW LSD, MAR. 16, 1976.
 RECORDS AVAILABLE 1946-50, 1952-60, 1963-66, 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1975	90.17	MAR. 16, 1976	91.15				

301641093083501 LOCAL WELL NUMBER: CU-193

OWNER: IDA B. CASTILE AND OTHERS. (SEC. 13, T. 9S., R. 8W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, DEPTH 442 FT, SCREENED INTERVAL UNKNOWN, MP TOP OF 4-IN TEE, 2.71 FT ABOVE LSD.
 LSD 10.64 FT ABOVE MSL.
 HIGHEST WATER LEVEL 42.78 BELOW LSD, MAR. 26, 1962.
 LOWEST WATER LEVEL 72.07 BELOW LSD, FEB. 22, 1971.
 RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 7, 1975	55.27	MAR. 16, 1976	65.86				

302700093253701 LOCAL WELL NUMBER: CU-213

OWNER: NEWPORT INDUSTRIES. (SEC. 18, T. 7S., R. 10W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN, REPORTED DEPTH 658 FT, SCREENED 574-558, MP TOP OF COUPLING IN CASING COVER, 1.85 FT ABOVE LSD.
 LSD 71.05 FT ABOVE MSL.
 HIGHEST WATER LEVEL 61.37 BELOW LSD, NOV. 26, 1963.
 LOWEST WATER LEVEL 82.15 BELOW LSD, AUG. 22, 1974.
 RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 16, 1975	79.26	APR. 3, 1975	77.89	JUNE 11, 1975	79.05	AUG. 18, 1975	81.97
MAR. 6	77.37	APR. 28	78.47	JULY 21	81.13	MAR. 4, 1976	79.25

302659093253601 LOCAL WELL NUMBER: CU-215

OWNER: NEWPORT INDUSTRIES. (SEC. 18, T. 7S., R. 10W.) DRILLED INDUSTRIAL ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 TO 8 IN, REPORTED DEPTH 365 FT, SCREENED 305-365, MP IS AT LAND SURFACE.
 LSD 70.55 FT ABOVE MSL.
 HIGHEST WATER LEVEL 57.39 BELOW LSD, APR. 27, 1964.
 LOWEST WATER LEVEL 73.43 BELOW LSD, JAN. 6, 1971.
 RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 16, 1975	69.13	APR. 3, 1975	68.38	JUNE 11, 1975	68.45	AUG. 18, 1975	70.05
MAR. 6	64.52	APR. 28	68.23	JULY 21	68.40	MAR. 4, 1976	68.05

301634093140201 LOCAL WELL NUMBER: CU-395

OWNER: KUSHNER AND LEE. (SEC. 13, T. 9S., R. 9W.) DRILLED DOMESTIC ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4-IN, REPORTED DEPTH 200 FT, SCREENED INTERVAL UNKNOWN, MP HOLE IN CASING COVER, 1.25 FT ABOVE LSD.
 LSD 12.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 46.72 BELOW LSD, MAR. 7, 1975,
 LOWEST WATER LEVEL 51.19 BELOW LSD, FEB. 24, 1972,
 RECORDS AVAILABLE 1972-73, 1975.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 7, 1975	46.72						

301115093191501 LOCAL WELL NUMBER: CU-445

OWNER: CITIES SERVICE OIL CO. (SEC. 18, T. 10S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, DEPTH 540 FT, SCREENED 460-540, MP TOP OF RECORDER SHELTER FLOOR, 2.00 FT ABOVE LSD.
 LSD 12.26 FT ABOVE MSL.
 HIGHEST WATER LEVEL 30.96 BELOW LSD, APR. 20, 1947,
 LOWEST WATER LEVEL 177.75 BELOW LSD, AUG. 23, 1973.
 RECORDS AVAILABLE 1945-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 1, 1975	153.74H	JAN. 5, 1976	159.73	APR. 15, 1976	154.95	JULY 10, 1976	164.18
OCT. 5	162.13	JAN. 7	159.82H	APR. 20	156.54	JULY 15	165.38
OCT. 10	164.16	JAN. 22	156.86H	APR. 25	159.17	JULY 20	163.03
OCT. 15	164.95	JAN. 25	156.28	APR. 26	157.50H	JULY 25	163.88
OCT. 20	155.18	JAN. 31	157.23	APR. 30	156.95	JULY 28	165.09H
OCT. 21	164.52H	FEB. 5	157.67	MAY 5	158.63	JULY 31	165.70
OCT. 25	154.84	FEB. 10	156.80	MAY 10	157.08	AUG. 5	165.68
OCT. 31	161.48	FEB. 15	156.79	MAY 15	155.92	AUG. 10	166.31
NOV. 5	161.59	FEB. 20	156.62	MAY 20	156.73	AUG. 15	168.35
NOV. 10	161.31	FEB. 25	154.62	MAY 21	156.82H	AUG. 20	168.02
NOV. 15	150.57	FEB. 29	153.21	MAY 25	156.67	AUG. 24	167.37H
NOV. 19	150.32H	MAR. 5	154.15	MAY 31	158.21	AUG. 25	168.35
NOV. 20	150.37	MAR. 10	153.21	JUNE 5	159.08	AUG. 31	165.19
NOV. 25	150.18	MAR. 15	154.35	JUNE 10	161.92	SEP. 5	164.87
NOV. 30	159.46	MAR. 20	153.42	JUNE 15	161.02	SEP. 10	165.99
DEC. 5	158.69	MAR. 22	154.24H	JUNE 20	161.07	SEP. 15	163.62
DEC. 10	159.25	MAR. 25	153.53	JUNE 25	162.96	SEP. 20	163.44
DEC. 15	159.88	MAR. 31	154.08	JUNE 28	163.29H	SEP. 21	164.35H
DEC. 20	160.19	APR. 5	153.99	JUNE 30	163.51	SEP. 25	165.20
DEC. 25	158.54	APR. 10	154.82	JULY 5	163.50	SEP. 30	162.59
DEC. 31	158.38						

301115093191001 LOCAL WELL NUMBER: CU-446

OWNER: CITIES SERVICE OIL CO. (SEC. 18, T. 10S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 738 FT, SCREENED 658-738, MP TOP OF RECORDER SHELTER FLOOR, 1.89 FT ABOVE LSD.
 LSD 12.40 FT ABOVE MSL.
 HIGHEST WATER LEVEL 22.80 BELOW LSD, APR. 27, 1946,
 LOWEST WATER LEVEL 129.80 BELOW LSD, AUG. 5, 1974.
 RECORDS AVAILABLE 1945-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 1, 1975	121.28H	JAN. 5, 1976	116.50	APR. 5, 1976	111.80	JULY 5, 1976	119.96
OCT. 5	120.32	JAN. 7	116.33H	APR. 10	112.13	JULY 10	120.13
OCT. 10	119.64	JAN. 10	116.71	APR. 15	112.12	JULY 15	120.07
OCT. 15	119.86	JAN. 15	116.61	APR. 20	112.43	JULY 20	120.14
OCT. 20	119.87	JAN. 20	115.92	APR. 25	113.60	JULY 25	119.90
OCT. 21	119.84H	JAN. 22	115.71H	APR. 25	113.89H	JULY 28	120.07H
OCT. 25	119.60	JAN. 25	115.29	APR. 30	113.89	JULY 31	120.17
OCT. 31	119.32	JAN. 31	115.04	MAY 5	114.28	AUG. 5	120.35
NOV. 5	118.81	FEB. 5	115.19	MAY 10	114.57	AUG. 10	120.73
NOV. 10	118.67	FEB. 10	114.63	MAY 15	114.71	AUG. 15	121.06
NOV. 15	118.77	FEB. 15	114.32	MAY 20	114.84	AUG. 20	121.04
NOV. 19	118.32H	FEB. 20	113.85H	MAY 21	114.87H	AUG. 24	121.97H
NOV. 20	118.31	FEB. 25	113.40	MAY 25	115.46	AUG. 25	122.05
NOV. 25	118.04	FEB. 29	112.83	MAY 31	116.55	AUG. 31	121.85
NOV. 30	117.41	MAR. 5	113.43	JUNE 5	117.19	SEP. 5	121.40
DEC. 5	117.26	MAR. 10	112.20	JUNE 10	117.71	SEP. 10	121.03
DEC. 10	117.25	MAR. 15	112.16	JUNE 15	118.15	SEP. 15	120.48
DEC. 15	117.02	MAR. 20	111.90	JUNE 20	118.28	SEP. 20	120.33
DEC. 20	117.00	MAR. 22	111.96H	JUNE 25	118.51	SEP. 21	120.29H
DEC. 25	116.70	MAR. 25	111.67	JUNE 28	119.21H	SEP. 25	120.61
DEC. 31	116.41	MAR. 31	111.69	JUNE 30	119.40	SEP. 30	120.55

GROUND-WATER LEVELS

CALCASIEU PARISH

300646093044301 LOCAL WELL NUMBER: CU-451

OWNER: STANDLIND OIL AND GAS CO. (SEC. 3, T. 11S., R. 7W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 IN, REPORTED DEPTH 380 FT, SCREENED 300-380, MP LOWER LIP OF DISCHARGE PIPE, 4.06 FT ABOVE LSD.

LSD 20.53 FT ABOVE MSL.

HIGHEST WATER LEVEL 25.08 BELOW LSD, MAY 22, 1947.

LOWEST WATER LEVEL 68.44 BELOW LSD, SEP. 19, 1951.

RECORDS AVAILABLE 1946-59, 1962, 1972, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	63.56	MAR. 11, 1976	57.54				

302043093334701 LOCAL WELL NUMBER: CU-452

OWNER: RAYMOND ROYER. (SEC. 23, T. 8S., R. 12W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 8 IN, REPORTED DEPTH 433 FT, SCREENED 348-433, MP TOP OF COUPLING, 0.60 FT ABOVE LSD.

LSD 43.80 FT ABOVE MSL.

HIGHEST WATER LEVEL 36.43 BELOW LSD, APR. 3, 1956.

LOWEST WATER LEVEL 59.60 BELOW LSD, MAR. 14, 1975.

RECORDS AVAILABLE 1955-62, 1975.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 17, 1955	37.28	APR. 24, 1957	38.75	APR. 13, 1959	38.54	SEP. 6, 1961	44.88
SEP. 7	41.25	SEP. 25	46.18	SEP. 8	45.46	MAR. 27, 1962	40.60
APR. 3, 1956	36.43	MAY 2, 1958	37.90	AUG. 29, 1960	47.35	AUG. 28	48.39
SEP. 4	46.23	SEP. 3	45.84	MAR. 23, 1961	40.54	MAR. 14, 1975	59.60
APR. 3, 1957	39.13						

300910093224001 LOCAL WELL NUMBER: CU-453

OWNER: COOPER PATTERSON. (SEC. 34, T. 10S., R. 10W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 9 IN, REPORTED DEPTH 345 FT, SCREENED 261-345, MP LOWER LIP OF DISCHARGE PIPE, 4.25 FT ABOVE LSD.

LSD 13.18 FT ABOVE MSL.

HIGHEST WATER LEVEL 30.65 BELOW LSD, MAY 1, 1950.

LOWEST WATER LEVEL 65.57 BELOW LSD, MAR. 3, 1975.

RECORDS AVAILABLE 1948-62, 1972, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1975	65.57	MAR. 5, 1976	65.19				

301424093125301 LOCAL WELL NUMBER: CU-457

OWNER: GREATER LAKE CHAS. WATER CO. (SEC. 31, T. 9S., R. 8W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 16 TO 10 IN, DEPTH 697 FT, SCREENED 617-697, MP VENT IN SIDE OF CASING, 2.5 FT ABOVE LSD.

LSD 15.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 30.00 BELOW LSD, OCT. 17, 1946.

LOWEST WATER LEVEL 107.45 BELOW LSD, MAR. 24, 1976.

RECORDS AVAILABLE 1946, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 17, 1946	30.00	MAR. 24, 1976	107.45				

300458093170501 LOCAL WELL NUMBER: CU-483

OWNER: U. S. CORPS OF ENGINEERS. (SEC. 21, T. 11S., R. 9W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 6 TO 4 IN, REPORTED DEPTH 661 FT, SCREENED 639-661, MP TOP OF ACCESS HOLE IN PUMP BASE, 4.58 FT ABOVE LSD.

LSD 3.98 FT ABOVE MSL.

HIGHEST WATER LEVEL 45.46 BELOW LSD, MAR. 27, 1962.

LOWEST WATER LEVEL 83.24 BELOW LSD, NOV. 15, 1973.

RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1975	77.16	MAR. 4, 1976	55.35				

301714093234201 LOCAL WELL NUMBER: CU-510

OWNER: MRS. LULA JOHNSON. (SEC. 9, T. 9S., R. 10W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 13 TO 10 IN, REPORTED DEPTH 450 FT, SCREENED 370-450. MP LOWER LIP OF DISCHARGE PIPE, 3.50 FT ABOVE LSD.
 LSD 19.75 FT ABOVE MSL.
 HIGHEST WATER LEVEL 41.29 BELOW LSD, MAR. 15, 1955.
 LOWEST WATER LEVEL 85.04 BELOW LSD, FEB. 27, 1973.
 RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 7, 1975	81.28	MAR. 4, 1976	83.57				

300651093243101 LOCAL WELL NUMBER: CU-515

OWNER: M. J. ELLENDER ESTATE. (SEC. 8, T. 11S., R. 10W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 573 FT, SCREENED 554-573. MP LOWER LIP OF DISCHARGE PIPE, 6.10 FT ABOVE LSD.
 LSD 11.15 FT ABOVE MSL.
 HIGHEST WATER LEVEL 36.85 BELOW LSD, APR. 6, 1956.
 LOWEST WATER LEVEL 79.32 BELOW LSD, FEB. 28, 1973.
 RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 5, 1975	76.61	MAR. 5, 1976	75.32				

302228093140301 LOCAL WELL NUMBER: CU-517

OWNER: WESTLAKE METHODIST CHURCH. (SEC. 12, T. 8S., R. 9W.) DRILLED INSTITUTIONAL ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 439 FT, SCREENED 357-439. MP LOWER LIP OF DISCHARGE PIPE, AT LAND SURFACE.
 LSD 38.80 FT ABOVE MSL.
 HIGHEST WATER LEVEL 45.24 BELOW LSD, APR. 4, 1956.
 LOWEST WATER LEVEL 76.19 BELOW LSD, MAR. 11, 1976.
 RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 6, 1975	72.25	MAR. 11, 1976	76.19J				

300806093360601 LOCAL WELL NUMBER: CU-530

OWNER: MATILDA GRAY ESTATE. (SEC. 4, T. 11S., R. 12W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 10 IN, REPORTED DEPTH 595 FT, SCREENED 515-595. MP LOWER LIP OF DISCHARGE PIPE, AT LAND SURFACE.
 LSD 9.32 FT ABOVE MSL.
 HIGHEST WATER LEVEL 22.42 BELOW LSD, MAR. 16, 1955.
 LOWEST WATER LEVEL 57.40 BELOW LSD, FEB. 28, 1973.
 RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 5, 1975	54.33	MAR. 31, 1976	54.23				

302347093272901 LOCAL WELL NUMBER: CU-548

OWNER: CIRCLE DRILLING CO. (SEC. 2, T. 8S., R. 11W.) DRILLED INDUSTRIAL ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 IN, REPORTED DEPTH 250 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 1-IN AIRLINE, 4.0 FT ABOVE LSD.
 LSD 42.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 32.21 BELOW LSD, APR. 1, 1954.
 LOWEST WATER LEVEL 53.94 BELOW LSD, FEB. 29, 1972.
 RECORDS AVAILABLE 1954-62, 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 7, 1975	51.23	MAR. 4, 1976	48.20				

GROUND-WATER LEVELS

CALCASIEU PARISH

300312093073801 LOCAL WELL NUMBER: CU-549

OWNER: WALKER-LA. PROPERTIES. (SEC. 30, T. 11S., R. 7W.) DRILLED IRRIGATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLISTOCENE AGE, DIAM UNKNOWN, REPORTED DEPTH 360 FT, SCREENED INTERVAL UNKNOWN. MP LOWER LIP OF DISCHARGE PIPE, 5.99 FT ABOVE LSD.
 LSD 6.81 FT ABOVE MSL.
 HIGHEST WATER LEVEL 25.67 BELOW LSD, APR. 29, 1958,
 LOWEST WATER LEVEL 55.31 BELOW LSD, AUG. 27, 1963.
 RECORDS AVAILABLE 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1975	42.24	MAR. 11, 1976	40.14				

301430093162401 LOCAL WELL NUMBER: CU-561

OWNER: CONTINENTAL OIL CO. (SEC. 34, T. 9S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 26 TO 16 IN, DEPTH 287 FT, SCREENED 227-287. MP SQUARE HOLE IN BRASS PLUG, AT LAND SURFACE.
 LSD 10.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 65.33 BELOW LSD, FEB. 28, 1973, MAR. 7, 1975,
 LOWEST WATER LEVEL 69.91 BELOW LSD, FEB. 29, 1972.
 RECORDS AVAILABLE 1972-73, 1975.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 29, 1972	69.91	FEB. 28, 1973	65.33	MAR. 7, 1975	65.33		

302050093402101 LOCAL WELL NUMBER: CU-569

OWNER: EUGERLY RICE DRYER. (SEC. 23, T. 8S., R. 13W.) DRILLED UNUSED ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20, DEPTH 450 FT, SCREENED 370-450. MP TOP 1/2-IN HOLE, DRILLED IN COVER AT LSD.
 LSD 32.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 39.52 BELOW LSD, MAR. 1, 1976,
 LOWEST WATER LEVEL 42.62 BELOW LSD, AUG. 27, 1976.
 RECORDS AVAILABLE CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1976	39.52	AUG. 27, 1976	42.62				

301945093291301 LOCAL WELL NUMBER: CU-570

OWNER: INDUSTRIAL LUMBER CO. (SEC. 28, T. 8S., R. 11W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 26 TO 12 IN, REPORTED DEPTH 400 FT, SCREENED INTERVAL UNKNOWN. MP LOWER LIP OF DISCHARGE PIPE, 3.00 FT ABOVE LSD.
 LSD 35.16 FT ABOVE MSL.
 HIGHEST WATER LEVEL 37.28 BELOW LSD, SEP. 25, 1957,
 LOWEST WATER LEVEL 65.88 BELOW LSD, MAR. 4, 1976.
 RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 7, 1975	64.68	MAR. 4, 1976	65.88				

301450093251002 LOCAL WELL NUMBER: CU-581

OWNER: PITTSBURGH PLATE GLASS CO. (SEC. 30, T. 9S., R. 10W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 16 TO 8 IN, REPORTED DEPTH 469 FT, SCREENED 409-469. MP TOP OF 16-IN CASING, 0.80 FT ABOVE LSD.
 LSD 14.44 FT ABOVE MSL.
 HIGHEST WATER LEVEL 49.38 BELOW LSD, JAN. 7, 1963,
 LOWEST WATER LEVEL 78.33 BELOW LSD, MAR. 4, 1974.
 RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 7, 1975	76.25	MAR. 2, 1976	77.61				

300818093224601 LOCAL WELL NUMBER: CU-614

OWNER: MAURICE DROST. (SEC. 3, T. 11S., R. 10 W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 11 IN, REPORTED DEPTH 545 FT, SCREENED 465-545, MP LOWER LIP OF DISCHARGE PIPE, 5.30 FT ABOVE LSD.
 LSD 10.31 FT ABOVE MSL.
 HIGHEST WATER LEVEL 44.41 BELOW LSD, MAR. 14, 1955.
 LOWEST WATER LEVEL 89.91 BELOW LSD, MAR. 4, 1974.
 RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1975	87.93	MAR. 5, 1976	86.70				

302240093400001 LOCAL WELL NUMBER: CU-625

OWNER: EDGERLY RICE DRYER. (SEC. 11, T. 8S., R. 13W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN, REPORTED DEPTH 460 FT, SCREENED 380-460, MP LOWER LIP OF DISCHARGE PIPE, 5.60 FT ABOVE LSD.
 LSD 48.56 FT ABOVE MSL.
 HIGHEST WATER LEVEL 30.84 BELOW LSD, APR. 3, 1956.
 LOWEST WATER LEVEL 49.04 BELOW LSD, AUG. 26, 1964.
 RECORDS AVAILABLE 1954-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 14, 1975	46.37						

302044093160401 LOCAL WELL NUMBER: CU-632

OWNER: QUATRE PARISH CO. (SEC. 22, T. 8S., R. 9W.) DRILLED IRRIGATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 12 IN, REPORTED DEPTH 202 FT, SCREENED 142-202, MP LOWER LIP OF DISCHARGE PIPE, 8.0 FT ABOVE LSD.
 LSD 25.45 FT ABOVE MSL.
 HIGHEST WATER LEVEL 31.68 BELOW LSD, APR. 28, 1958.
 LOWEST WATER LEVEL 46.90 BELOW LSD, MAR. 9, 1969.
 RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 7, 1975	42.56	MAR. 11, 1976	43.70				

301250093321101 LOCAL WELL NUMBER: CU-635

OWNER: E. C. FONTENOT. (SEC. 6, T. 10S., R. 11W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 22 TO 10 IN, REPORTED DEPTH 460 FT, SCREENED 360-460, MP LOWER LIP OF DISCHARGE PIPE, 8.50 FT ABOVE LSD.
 LSD 19.92 FT ABOVE MSL.
 HIGHEST WATER LEVEL 33.38 BELOW LSD, MAR. 31, 1955.
 LOWEST WATER LEVEL 80.62 BELOW LSD, JULY 17, 1974.
 RECORDS AVAILABLE 1955-57, 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 23, 1975	67.92	MAR. 5	64.61	MAR. 2, 1976	66.51		

301438093025901 LOCAL WELL NUMBER: CU-640

OWNER: AMY WAITE ESTATE. (SEC. 26, T. 9S., R. 7W.) DRILLED IRRIGATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN, REPORTED DEPTH 200 FT, SCREENED 140-200, MP LOWER LIP OF DISCHARGE PIPE, 5.40 FT ABOVE LSD.
 LSD 20.55 FT ABOVE MSL.
 HIGHEST WATER LEVEL 35.84 BELOW LSD, APR. 18, 1960.
 LOWEST WATER LEVEL 60.59 BELOW LSD, SEP. 4, 1963.
 RECORDS AVAILABLE 1955-60, 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1975	57.80	MAR. 11, 1976	54.45				

GROUND-WATER LEVELS

CALCASIEU PARISH

300714093074001 LOCAL WELL NUMBER: CU-641

OWNER: WALKER-LA. PROPERTIES. (SEC. 12, T. 11S., R. 8W.) DRILLED IRRIGATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 368 FT, SCREENED 268-368. MP LOWER LIP OF DISCHARGE PIPE, 12.10 FT ABOVE LSD.
 LSD 11.50 FT ABOVE MSL.
 HIGHEST WATER LEVEL 48.47 BELOW LSD, MAR. 11, 1976.
 LOWEST WATER LEVEL 49.53 BELOW LSD, FEB. 22, 1972.
 RECORDS AVAILABLE 1972-73, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 11, 1976	48.47						

301641093035901 LOCAL WELL NUMBER: CU-642

OWNER: F. HEYD. (SEC. 10, T. 9S., R. 7W.) DRILLED IRRIGATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 14 TO 8 IN, REPORTED DEPTH 287 FT, SCREENED INTERVAL UNKNOWN. MP LOWER LIP OF DISCHARGE PIPE, 5.40 FT ABOVE LSD.
 LSD 19.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 52.48 BELOW LSD, MAR. 7, 1975.
 LOWEST WATER LEVEL 54.72 BELOW LSD, MAR. 11, 1976.
 RECORDS AVAILABLE 1972, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 7, 1975	52.48	MAR. 11, 1976	54.72				

300637093041201 LOCAL WELL NUMBER: CU-647

OWNER: SWEETLAKE LAND AND OIL CO. (SEC. 10, T. 11S., R. 7W.) DRILLED IRRIGATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 IN, REPORTED DEPTH 400 FT, SCREENED INTERVAL UNKNOWN. MP LOWER LIP OF DISCHARGE PIPE, 5.12 FT ABOVE LSD.
 LSD 10.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 44.52 BELOW LSD, MAR. 11, 1976.
 LOWEST WATER LEVEL 48.78 BELOW LSD, FEB. 27, 1975.
 RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	48.78	MAR. 11, 1976	44.52				

301713093173901 LOCAL WELL NUMBER: CU-667

OWNER: GULF STATES UTILITIES CO. (SEC. 9, T. 9S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, REPORTED DEPTH 457 FT, SCREENED 447-457. MP TOP OF CASING FLANGE, 2.0 FT ABOVE LSD.
 LSD 17.91 FT ABOVE MSL.
 HIGHEST WATER LEVEL 72.49 BELOW LSD, MAR. 30, 1963.
 LOWEST WATER LEVEL 105.50 BELOW LSD, FEB. 19, 1971.
 RECORDS AVAILABLE 1962-74, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 4, 1976	97.31						

301157093124401 LOCAL WELL NUMBER: CU-683

OWNER: GREATER LAKE CHARLES WATER CO. (SEC. 8, T. 10S., R. 8W.) DRILLED PUBLIC SUPPLY ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 26 TO 12 IN, DEPTH 497 FT, SCREENED 417-497. MP IS VENT IN SIDE OF CASING, 2.5 FT ABOVE LSD.
 LSD 15.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 110.12 BELOW LSD, MAR. 24, 1976.
 LOWEST WATER LEVEL 110.12 BELOW LSD, MAR. 24, 1976.
 RECORDS AVAILABLE CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 24, 1976	110.12						

300540093130301 LOCAL WELL NUMBER: CU-688

OWNER: WALKER-LA. PROPERTIES. (SEC. 19, T. 11S., R. 8W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLISTOCENE AGE, DIAM 20 TO 14 IN, REPORTED DEPTH 694 FT, SCREENED 614-694. MP LOWER LIP OF DISCHARGE PIPE, 5.6 FT ABOVE LSD.
 LSD 10.96 FT ABOVE MSL.
 HIGHEST WATER LEVEL 42.78 BELOW LSD, APR. 29, 1958.
 LOWEST WATER LEVEL 75.00 BELOW LSD, FEB. 24, 1975.
 RECORDS AVAILABLE 1958-69, 1971-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1975	75.00	MAR. 11, 1976	72.67				

301033093160801 LOCAL WELL NUMBER: CU-713

OWNER: LAKE CHARLES COUNTRY CLUB. (SEC. 22, T. 10S., R. 9W.) DRILLED RECREATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 8 IN, REPORTED DEPTH 210 FT, SCREENED 190-210. MP PLUG HOLE IN PUMP BASE, AT LAND SURFACE.
 LSD 15.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 48.42 BELOW LSD, FEB. 21, 1972.
 LOWEST WATER LEVEL 72.03 BELOW LSD, MAR. 16, 1976.
 RECORDS AVAILABLE 1972-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 21, 1972	48.42	MAR. 1, 1973	66.94	FEB. 25, 1975	71.68	MAR. 16, 1976	72.03

300816093125101 LOCAL WELL NUMBER: CU-724

OWNER: LAKE CHARLES MUNICIPAL AIRPORT. (SEC. 6, T. 11S., R. 8W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 653 FT, SCREENED 573-653. MP TOP OF LOWER LIP OF PIPE COUPLING, 0.84 FT ABOVE LSD.
 LSD 18.37 FT ABOVE MSL.
 HIGHEST WATER LEVEL 61.50 BELOW LSD, MAR. 27, 1962.
 LOWEST WATER LEVEL 97.14 BELOW LSD, SEP. 10, 1971.
 RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1975	76.18	MAR. 16, 1976	77.04				

301404093170501 LOCAL WELL NUMBER: CU-725

OWNER: U. S. GEOL. SURVEY. (SEC. 33, T. 9S., R. 9W.) DRILLED OBSERVATION WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 640 FT, SCREENED 630-640. MP TOP OF 2-IN CASING, 2.0 FT ABOVE LSD.
 LSD 17.50 FT ABOVE MSL.
 HIGHEST WATER LEVEL 98.10 BELOW LSD, MAR. 2, 1962.
 LOWEST WATER LEVEL 145.64 BELOW LSD, OCT. 21, 1975.
 RECORDS AVAILABLE 1961-72, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 21, 1975	145.64	MAR. 12, 1976	136.11				

301404093170502 LOCAL WELL NUMBER: CU-726

OWNER: U. S. GEOL. SURVEY. (SEC. 33, T. 9S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 351 FT, SCREENED 341-351. MP TOP OF 2-IN CASING, 2.0 FT ABOVE LSD.
 LSD 17.38 FT ABOVE MSL.
 HIGHEST WATER LEVEL 100.59 BELOW LSD, OCT. 21, 1975.
 LOWEST WATER LEVEL 148.97 BELOW LSD, FEB. 20, 1971.
 RECORDS AVAILABLE 1962-71, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 21, 1975	100.59	MAR. 12, 1976	104.83				

GROUND-WATER LEVELS

CALCASIEU PARISH

301405093171006 LOCAL WELL NUMBER: CU-730

OWNER: U. S. GEOL. SURVEY. (SEC. 33, T. 9S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 165 FT, SCREENED 155-165. MP TOP OF 2-IN PIPE, 1.60 FT ABOVE LSD.
 LSD 17.67 FT ABOVE MSL.
 HIGHEST WATER LEVEL 54.64 BELOW LSD, MAR. 29, 1963.
 LOWEST WATER LEVEL 85.66 BELOW LSD, AUG. 5, 1974.
 RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 21, 1975	74.99	FEB. 20, 1976	72.45	APR. 26, 1976	70.80	JULY 28, 1976	73.17
NOV. 19	74.55	MAR. 12	71.42	MAY 21	71.48	AUG. 24	73.93
JAN. 6, 1976	73.00	MAR. 22	71.13	JUNE 28	73.46	SEP. 21	77.04
JAN. 22	72.70						

301256093172001 LOCAL WELL NUMBER: CU-731

OWNER: U. S. GEOL. SURVEY. (SEC. 4, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 659 FT, SCREENED 650-659. MP TOP OF 2-IN CASING, 1.80 FT ABOVE LSD.
 LSD 11.79 FT ABOVE MSL.
 HIGHEST WATER LEVEL 87.33 BELOW LSD, APR. 2, 1962.
 LOWEST WATER LEVEL 142.88 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 24, 1975	131.66	FEB. 28	127.63	MAR. 12, 1976	124.62		

301256093172002 LOCAL WELL NUMBER: CU-732

OWNER: U. S. GEOL. SURVEY. (SEC. 4, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 492 FT, SCREENED 480-492. MP TOP OF 2-IN CASING, 1.28 FT ABOVE LSD.
 LSD 12.08 FT ABOVE MSL.
 HIGHEST WATER LEVEL 90.15 BELOW LSD, APR. 2, 1962.
 LOWEST WATER LEVEL 148.01 BELOW LSD, OCT. 2, 1974.
 RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 28, 1975	136.27	FEB. 28	131.92	MAR. 12, 1976	128.91		

301256093172003 LOCAL WELL NUMBER: CU-733

OWNER: U. S. GEOL. SURVEY. (SEC. 4, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 201 FT, SCREENED 191-201. MP TOP OF 2-IN CASING, 1.80 FT ABOVE LSD.
 LSD 12.16 FT ABOVE MSL.
 HIGHEST WATER LEVEL 49.54 BELOW LSD, MAR. 29, 1963.
 LOWEST WATER LEVEL 74.90 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 28, 1975	70.13	FEB. 28	69.30	MAR. 12, 1976	67.08		

301314093165501 LOCAL WELL NUMBER: CU-737

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 699 FT, SCREENED 689-699. MP TOP OF 1-IN CASING, 3.35 FT ABOVE LSD.
 LSD 6.89 FT ABOVE MSL.
 HIGHEST WATER LEVEL 87.66 BELOW LSD, APR. 2, 1962.
 LOWEST WATER LEVEL 145.17 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1975	134.94	NOV. 19, 1975	133.78	MAR. 22, 1976	123.72	AUG. 13, 1976	134.62
AUG. 22	140.96	JAN. 7, 1976	130.95	APR. 26	126.38	AUG. 24	138.72
SEP. 24	136.25	FEB. 20	127.04	MAY 21	127.37	SEP. 21	133.78
OCT. 21	134.13	MAR. 12	125.28	JUNE 28	133.96		

301315093165501 LOCAL WELL NUMBER: CU-738

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 560 FT, SCREENED 550-560. MP TOP OF 2-IN CASING, 1.66 FT ABOVE LSD.
 LSD 6.57 FT ABOVE MSL.
 HIGHEST WATER LEVEL 91.64 BELOW LSD, APR. 2, 1962.
 LOWEST WATER LEVEL 152.55 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1975	140.97	OCT. 22, 1975	140.64	NOV. 19, 1975	136.32	MAR. 12, 1976	131.58
AUG. 22	148.05						

301315093165502 LOCAL WELL NUMBER: CU-739

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 201 FT, SCREENED 191-201. MP TOP OF 2-IN PIPE, 1.91 FT ABOVE LSD.
 LSD 6.63 FT ABOVE MSL.
 HIGHEST WATER LEVEL 32.14 BELOW LSD, JAN. 21, 1975.
 LOWEST WATER LEVEL 68.83 BELOW LSD, JAN. 24, 1973.
 RECORDS AVAILABLE 1962-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1975	32.14	SEP. 23, 1975	67.22	NOV. 19, 1975	65.71	MAR. 12, 1976	62.54
AUG. 22	67.17	OCT. 21	66.39				

301300093161601 LOCAL WELL NUMBER: CU-746

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 780 FT, SCREENED 770-780. MP TOP OF 2-IN CASING, 2.0 FT ABOVE LSD.
 LSD 7.22 FT ABOVE MSL.
 HIGHEST WATER LEVEL 80.32 BELOW LSD, APR. 30, 1962.
 LOWEST WATER LEVEL 131.63 BELOW LSD, MAR. 8, 1969.
 RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1975	117.08	MAR. 12, 1976	112.90				

301300093161602 LOCAL WELL NUMBER: CU-747

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 540 FT, SCREENED 530-540. MP TOP OF 2-IN CASING, 2.0 FT ABOVE LSD.
 LSD 7.17 FT ABOVE MSL.
 HIGHEST WATER LEVEL 88.60 BELOW LSD, MAR. 29, 1963.
 LOWEST WATER LEVEL 129.73 BELOW LSD, FEB. 28, 1973.
 RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1975	127.50	MAR. 12, 1976	121.77				

301300093161603 LOCAL WELL NUMBER: CU-748

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 280 FT, SCREENED 270-280. MP TOP OF 2-IN CASING, 2.12 FT ABOVE LSD.
 LSD 7.15 FT ABOVE MSL.
 HIGHEST WATER LEVEL 43.52 BELOW LSD, MAR. 29, 1963.
 LOWEST WATER LEVEL 69.76 BELOW LSD, NOV. 25, 1968.
 RECORDS AVAILABLE 1963-73, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 12, 1976	60.35						

GROUND-WATER LEVELS

CALCASTEU PARISH

301321093125101 LOCAL WELL NUMBER: CU-755

OWNER: PURE ICE CO. (SEC. 6, T. 10S., R. 8W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 TO 6 IN, REPORTED DEPTH 430 FT, SCREENED 370-430. MP ACCESS HOLE IN PUMP BASE, 2.83 FT ABOVE LSD.
 LSD 8.29 FT ABOVE MSL.
 HIGHEST WATER LEVEL 67.72 BELOW LSD, APR. 1, 1963.
 LOWEST WATER LEVEL 111.17 BELOW LSD, SEP. 10, 1971.
 RECORDS AVAILABLE 1962-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1975	95.40						

300617092554101 LOCAL WELL NUMBER: CU-761

OWNER: JOSEPH PRIMEAUX. (SEC. 7, T. 11S., R. 5W.) DRILLED IRRIGATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 TO 8 IN, REPORTED DEPTH 385 FT, SCREENED 302-385. MP TOP OF TAP HOLE IN DISCHARGE PIPE, 2.0 FT ABOVE LSD.
 LSD 9.61 FT ABOVE MSL.
 HIGHEST WATER LEVEL 29.55 BELOW LSD, MAR. 29, 1963.
 LOWEST WATER LEVEL 49.46 BELOW LSD, AUG. 25, 1965.
 RECORDS AVAILABLE 1962-66, 1968-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	41.90	FEB. 27	41.77	MAR. 8, 1976	40.50		

302052093335602 LOCAL WELL NUMBER: CU-762

OWNER: RAYMOND ROYER. (SEC. 23, T. 8S., R. 12W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 TO 8 IN, REPORTED DEPTH 431 FT, SCREENED 372-431. MP LOWER LIP OF DISCHARGE PIPE, 4.65 FT ABOVE LSD.
 LSD 42.23 FT ABOVE MSL.
 HIGHEST WATER LEVEL 44.25 BELOW LSD, MAR. 29, 1963.
 LOWEST WATER LEVEL 59.74 BELOW LSD, MAR. 1, 1973.
 RECORDS AVAILABLE 1963-73, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 4, 1976	58.86						

301036093124401 LOCAL WELL NUMBER: CU-767

OWNER: U. S. GEOL. SURVEY. (SEC. 20, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 850 FT, SCREENED 840-850. MP TOP OF 2-IN CASING, 1.99 FT ABOVE LSD.
 LSD 11.42 FT ABOVE MSL.
 HIGHEST WATER LEVEL 63.26 BELOW LSD, MAR. 29, 1963.
 LOWEST WATER LEVEL 105.96 BELOW LSD, SEP. 30, 1974.
 RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1975	92.49	FEB. 24, 1975	91.51	APR. 23, 1975	90.40	AUG. 25, 1976	98.01
FEB. 4	92.23	MAR. 19	90.23	JULY 28, 1976	95.81	SEP. 21	96.18

301036093124402 LOCAL WELL NUMBER: CU-768

OWNER: U. S. GEOL. SURVEY. (SEC. 20, T. 10S., R. 8W.) DRILLED OBSERVATION WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 306 FT, SCREENED 296-306. MP TOP OF 2-IN CASING, 2.40 FT ABOVE LSD.
 LSD 11.53 FT ABOVE MSL.
 HIGHEST WATER LEVEL 53.00 BELOW LSD, MAR. 29, 1963.
 LOWEST WATER LEVEL 89.59 BELOW LSD, FEB. 28, 1973.
 RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1975	75.89	JUNE 24, 1975	76.76	JAN. 6, 1976	74.40	MAY 21, 1976	74.72
FEB. 4	75.59	JULY 24	77.85	JAN. 22	74.00	JUNE 28	76.52
FEB. 24	75.16	AUG. 22	78.03	FEB. 24	73.19	JULY 28	77.22
MAR. 24	72.58	SEP. 23	77.59	MAR. 22	72.07	AUG. 25	78.14
APR. 23	73.55	OCT. 23	76.58	APR. 22	72.12	SEP. 21	77.88
MAY 22	74.99	NOV. 2	75.90				

301336093183001 LOCAL WELL NUMBER: CU-769

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 642 FT, SCREENED 632-642. MP TOP OF 2-IN CASING, 2.0 FT ABOVE LSD.
 LSD 17.62 FT ABOVE MSL.
 HIGHEST WATER LEVEL 91.56 BELOW LSD, MAR. 28, 1963.
 LOWEST WATER LEVEL 146.44 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 4, 1975	134.25	FEB. 28	129.85	MAR. 12, 1976	127.93		

301336093183003 LOCAL WELL NUMBER: CU-770

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 490 FT, SCREENED 480-490. MP TOP OF 2-IN CASING, 2.13 FT ABOVE LSD.
 LSD 17.54 FT ABOVE MSL.
 HIGHEST WATER LEVEL 91.77 BELOW LSD, MAR. 28, 1963.
 LOWEST WATER LEVEL 146.72 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 4, 1975	134.52	FEB. 28, 1975	130.04	MAR. 19, 1975	129.72	MAR. 12, 1976	128.19

301336093183002 LOCAL WELL NUMBER: CU-771

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 241 FT, SCREENED 231-241. MP TOP OF 2-IN CASING, 2.02 FT ABOVE LSD.
 LSD 17.76 FT ABOVE MSL.
 HIGHEST WATER LEVEL 54.97 BELOW LSD, MAR. 28, 1963.
 LOWEST WATER LEVEL 83.83 BELOW LSD, JULY 21, 1971.
 RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 4, 1975	75.47	FEB. 28, 1975	74.85	MAR. 19, 1975	74.20	MAR. 12, 1976	72.72

301808093384001 LOCAL WELL NUMBER: CU-781

OWNER: EDGERLY RICE DRYER. (SEC. 1, T. 9S., R. 13W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 22 TO 12 IN, REPORTED DEPTH 460 FT, SCREENED 380-460. MP LOWER LIP OF DISCHARGE PIPE, 5.16 FT ABOVE LSD.
 LSD 34.59 FT ABOVE MSL.
 HIGHEST WATER LEVEL 38.75 BELOW LSD, APR. 4, 1964.
 LOWEST WATER LEVEL 58.00 BELOW LSD, SEP. 13, 1971.
 RECORDS AVAILABLE 1964-74, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1976	52.17						

301218093175801 LOCAL WELL NUMBER: CU-784

OWNER: U. S. GEOL. SURVEY. (SEC. 9, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, DEPTH 532, SCREENED 522-532. MP TOP OF 6-IN COUPLING, 0.40 FT BELOW LSD.
 LSD 10.78 FT ABOVE MSL.
 HIGHEST WATER LEVEL 89.65 BELOW LSD, APR. 8, 1964.
 LOWEST WATER LEVEL 144.88 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1975	128.82	MAR. 19	128.02	MAR. 12, 1976	126.45		

GROUND-WATER LEVELS

CALCASIEU PARISH

300820093131903 LOCAL WELL NUMBER: CU-786U

OWNER: U. S. GEOL. SURVEY. (SEC. 6, T. 11S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 840 FT, SCREENED 830-840. MP TOP OF 4-IN CASING, 2.63 FT ABOVE LSD.
 LSD 13.25 FT ABOVE MSL.
 HIGHEST WATER LEVEL 62.19 BELOW LSD, APR. 14, 1965.
 LOWEST WATER LEVEL 104.48 BELOW LSD, JULY 21, 1971.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1975	85.89	MAR. 11	85.02	MAR. 17, 1976	82.39		

300820093131904 LOCAL WELL NUMBER: CU-786L

OWNER: U. S. GEOL. SURVEY. (SEC. 6, T. 11S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 880 FT, SCREENED 870-880. MP TOP OF 4-IN CASING, 2.63 FT ABOVE LSD.
 LSD 13.25 FT ABOVE MSL.
 HIGHEST WATER LEVEL 62.32 BELOW LSD, APR. 14, 1965.
 LOWEST WATER LEVEL 100.71 BELOW LSD, JULY 30, 1973.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1975	86.00	MAR. 11	84.92	MAR. 17, 1976	82.52		

300353043210201 LOCAL WELL NUMBER: CU-787

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 11S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 734 FT, SCREENED 729-734. MP TOP OF 2-IN CASING, 4.0 FT ABOVE LSD.
 LSD 4.33 FT ABOVE MSL.
 HIGHEST WATER LEVEL 46.98 BELOW LSD, APR. 13, 1965.
 LOWEST WATER LEVEL 78.58 BELOW LSD, AUG. 2, 1972.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1975	70.07	MAR. 18	69.05	MAR. 17, 1976	70.87		

300825043260801 LOCAL WELL NUMBER: CU-788

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 10S., R. 11W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 805 FT, SCREENED 800-805. MP TOP OF 2-IN CASING, 2.0 FT ABOVE LSD.
 LSD 6.11 FT ABOVE MSL.
 HIGHEST WATER LEVEL 47.61 BELOW LSD, APR. 12, 1965.
 LOWEST WATER LEVEL 77.82 BELOW LSD, AUG. 2, 1972.
 RECORDS AVAILABLE 1964-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 5, 1975	69.38	MAR. 13	68.90				

301100093200001 LOCAL WELL NUMBER: CU-789

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 640 FT, SCREENED 635-640. MP TOP OF 2-IN CASING, 2.0 FT ABOVE LSD.
 LSD 18.42 FT ABOVE MSL.
 HIGHEST WATER LEVEL 86.31 BELOW LSD, APR. 12, 1965.
 LOWEST WATER LEVEL 131.68 BELOW LSD, AUG. 2, 1972.
 RECORDS AVAILABLE 1964-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 5, 1975	116.20	FEB. 28	114.56	MAR. 19, 1975	113.48		

302337093244601 LOCAL WELL NUMBER: CU-790

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 8S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 360 FT, SCREENED 355-360. MP TOP OF 2-IN CASING, 2.0 FT ABOVE LSD.
 LSD 53.29 FT ABOVE MSL.
 HIGHEST WATER LEVEL 61.15 BELOW LSD, MAR. 24, 1965,
 LOWEST WATER LEVEL 78.29 BELOW LSD, JUNE 19, 1975.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 6, 1975	74.30	JUNE 19	78.29	MAR. 4, 1976	74.23		

300859093155901 LOCAL WELL NUMBER: CU-795

OWNER: MELVIN ROSFELD. (SEC. 34, T. 10S., R. 9W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 10 IN, REPORTED DEPTH 623 FT, SCREENED 543-623. MP LOWER LIP OF DISCHARGE PIPE, 6.50 FT ABOVE LSD.
 LSD 15.43 FT ABOVE MSL.
 HIGHEST WATER LEVEL 73.09 BELOW LSD, APR. 1, 1965,
 LOWEST WATER LEVEL 102.71 BELOW LSD, MAR. 16, 1976.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1975	101.76	MAR. 16, 1976	102.71				

301339093074701 LOCAL WELL NUMBER: CU-796

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 9S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 490 FT, SCREENED 485-490. MP TOP OF 2-IN CASING, 2.50 FT ABOVE LSD.
 LSD 10.76 FT ABOVE MSL.
 HIGHEST WATER LEVEL 58.88 BELOW LSD, MAR. 20, 1967,
 LOWEST WATER LEVEL 73.10 BELOW LSD, FEB. 26, 1974.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1975	73.04	MAR. 11, 1976	70.53				

300919093055601 LOCAL WELL NUMBER: CU-798

OWNER: E. O. DAUGHENBAUGH AND SON. (SEC. 29, T. 10S., R. 7W.) DRILLED IRRIGATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 12 IN, REPORTED DEPTH 345 FT, SCREENED 265-345. MP LOWER LIP OF DISCHARGE PIPE, 2.00 FT ABOVE LSD.
 LSD 25.43 FT ABOVE MSL.
 HIGHEST WATER LEVEL 53.79 BELOW LSD, MAR. 20, 1967,
 LOWEST WATER LEVEL 65.95 BELOW LSD, FEB. 19, 1971.
 RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	63.85	MAR. 11, 1976	59.43				

301407093145201 LOCAL WELL NUMBER: CU-810

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 9S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 676 FT, SCREENED 666-676. MP TOP OF 2-IN CASING, 2.8 FT ABOVE LSD.
 LSD 10.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 111.03 BELOW LSD, FEB. 20, 1976,
 LOWEST WATER LEVEL 124.95 BELOW LSD, SEP. 20, 1974.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 20, 1974	124.95	DEC. 4, 1974	121.39	JUNE 24, 1975	122.52	DEC. 2, 1975	117.28
SEP. 30	122.96	JAN. 24, 1975	118.55	AUG. 18	123.82	JAN. 19, 1976	114.25
OCT. 31	123.24	FEB. 27	115.85	OCT. 24	118.12	FEB. 20	111.03
NOV. 6	123.38	APR. 16	115.09				

GROUND-WATER LEVELS

CALCASIEU PARISH

300812093165802 LOCAL WELL NUMBER: CU-811

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 11S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 923 FT, SCREENED 912-923. MP TOP OF 2-IN CASING, 1.65 FT ABOVE LSD.
 LSD 11.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 90.60 BELOW LSD, MAR. 4, 1976.
 LOWEST WATER LEVEL 99.85 BELOW LSD, SEP. 8, 1975.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 4, 1974	99.55	MAR. 11, 1975	92.41	SEP. 8, 1975	99.85	JAN. 19, 1976	93.29
DEC. 2	98.68	APR. 29	94.73	OCT. 30	96.20	MAR. 4	90.60
FEB. 25, 1975	93.88	JUNE 19	97.91	DEC. 3	94.55		

301148093193201 LOCAL WELL NUMBER: CU-842

OWNER: LA. DEPT. PUBLIC WORKS. (SEC. 18, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 575 FT, SCREENED 572-575.
 MP TOP OF 1 1/4-IN PIPE, 1.95 FT ABOVE LSD.
 LSD 12.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 141.67 BELOW LSD, FEB. 25, 1976.
 LOWEST WATER LEVEL 160.98 BELOW LSD, SEP. 10, 1973.
 RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 17, 1975	149.47	MAY 28, 1975	142.88	FEB. 25, 1976	141.67	AUG. 23, 1976	153.19
FEB. 28	142.45	AUG. 19	150.50	MAR. 12	142.69		

301148093193202 LOCAL WELL NUMBER: CU-843

OWNER: LA. DEPT. PUBLIC WORKS. (SEC. 18, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 205 FT, SCREENED 200-205.
 MP TOP OF 2-IN PIPE, 2.63 FT ABOVE LSD.
 LSD 12.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 65.92 BELOW LSD, FEB. 25, 1976.
 LOWEST WATER LEVEL 73.05 BELOW LSD, SEP. 10, 1974.
 RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 17, 1975	67.42	FEB. 28, 1975	68.17	AUG. 19, 1975	71.37	MAR. 12, 1976	66.36
JAN. 21	69.12	MAY 28	67.62	FEB. 25, 1976	65.92	AUG. 23	68.31

301148093193203 LOCAL WELL NUMBER: CU-844

OWNER: LA. DEPT. PUBLIC WORKS. (SEC. 18, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 430 FT, SCREENED 425-430.
 MP TOP OF 2-IN PIPE, 2.82 FT ABOVE LSD.
 LSD 12.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 139.58 BELOW LSD, MAR. 19, 1975.
 LOWEST WATER LEVEL 162.39 BELOW LSD, AUG. 1, 1974.
 RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 17, 1975	148.58	MAR. 19, 1975	139.58	AUG. 19, 1975	150.75	MAR. 12, 1976	141.76
FEB. 28	142.35	JULY 17	148.58	FEB. 25, 1976	141.48	AUG. 23	152.27

301230093193202 LOCAL WELL NUMBER: CU-847

OWNER: LA. DEPT. PUBLIC WORKS. (SEC. 7, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 522 FT, SCREENED 517-522.
 MP TOP OF 2-IN CASING, 1.58 FT ABOVE LSD.
 LSD 13.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 122.93 BELOW LSD, MAR. 12, 1976.
 LOWEST WATER LEVEL 140.65 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 17, 1975	129.74	FEB. 28	124.67	MAR. 12, 1976	122.93		

301043093201601 LOCAL WELL NUMBER: CU-848

OWNER: LA. DEPT. PUBLIC WORKS. (SEC. 24, T. 10S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 542 FT, SCREENED 537-542. MP TOP OF 2-IN CASING, 1.0 FT ABOVE LSD.
 LSD 15.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 146.16 BELOW LSD, FEB. 28, 1975.
 LOWEST WATER LEVEL 166.65 BELOW LSD, AUG. 1, 1974.
 RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1975	146.16	MAY 30	149.44	MAR. 13, 1976	149.68		

301205093182501 LOCAL WELL NUMBER: CU-849

OWNER: LA. DEPT. PUBLIC WORKS. (SEC. 8, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 564 FT, SCREENED 559-564. MP TOP OF 2-IN CASING, 1.42 FT ABOVE LSD.
 LSD 10.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 124.54 BELOW LSD, MAR. 12, 1976.
 LOWEST WATER LEVEL 162.33 BELOW LSD, OCT. 17, 1973.
 RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1975	126.48	MAR. 19	125.29	MAR. 12, 1976	124.54		

301200093191901 LOCAL WELL NUMBER: CU-850

OWNER: LA. DEPT. PUBLIC WORKS. (SEC. 7, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 548 FT, SCREENED 543-548. MP TOP OF 2-IN CASING, 1.25 FT ABOVE LSD.
 LSD 10.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 128.81 BELOW LSD, FEB. 27, 1976.
 LOWEST WATER LEVEL 148.75 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 17, 1975	137.03	MAY 29, 1975	131.80	FEB. 27, 1976	128.81	AUG. 23, 1976	139.64
FEB. 28	130.95	AUG. 20	139.58	MAR. 12	129.00		

301213093191701 LOCAL WELL NUMBER: CU-851

OWNER: LA. DEPT. PUBLIC WORKS. (SEC. 7, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 555 FT, SCREENED 550-555. MP TOP OF 2-IN CASING, 1.16 FT ABOVE LSD.
 LSD 10.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 121.97 BELOW LSD, MAR. 5, 1973.
 LOWEST WATER LEVEL 145.67 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 28, 1975	132.87	MAY 28, 1975	130.65	FEB. 27, 1976	135.92	AUG. 23, 1976	137.32
FEB. 28	128.64	AUG. 20	137.52	MAR. 12	126.97		

301153093192101 LOCAL WELL NUMBER: CU-852

OWNER: LA. DEPT. PUBLIC WORKS. (SEC. 7, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 560 FT, SCREENED 555-560. MP TOP OF 2-IN CASING, 4.40 FT ABOVE LSD.
 LSD 11.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 104.11 BELOW LSD, MAR. 18, 1973.
 LOWEST WATER LEVEL 154.60 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 17, 1975	142.29	MAY 29, 1975	136.21	MAR. 12, 1976	133.99	AUG. 23, 1976	141.17
FEB. 28	135.67	FEB. 27, 1976	125.85				

GROUND-WATER LEVELS

CALCASIEU PARISH

300643093044702 LOCAL WELL NUMBER: CU-854

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 11S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 430 FT, SCREENED 420-430. MP TOP OF 2-IN CASING, 2.91 FT ABOVE LSD.
 LSD 20.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 52.42 BELOW LSD, MAR. 11, 1976.
 LOWEST WATER LEVEL 77.47 BELOW LSD, JUNE 19, 1975.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 19, 1974	50.09	FEB. 27, 1975	57.23	AUG. 28, 1975	68.95	JAN. 14, 1976	54.54
DEC. 9	54.66	APR. 15	57.22	OCT. 31	60.85	MAR. 11	52.42
FEB. 5, 1975	55.14	JUNE 19	77.47	DEC. 9	56.44		

300643093044701 LOCAL WELL NUMBER: CU-947

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 11S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 600 FT, SCREENED 595-600. MP TOP OF 2-IN CASING, 1.14 FT ABOVE LSD.
 LSD 20.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 64.54 BELOW LSD, MAR. 11, 1976.
 LOWEST WATER LEVEL 75.84 BELOW LSD, SEP. 3, 1974.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 3, 1974	75.84	DEC. 9, 1974	69.58	JUNE 19, 1975	72.30	DEC. 9, 1975	67.63
OCT. 18	72.41	FEB. 5, 1975	67.16	AUG. 28	71.64	JAN. 14, 1976	66.20
NOV. 14	70.76	FEB. 27	69.66	OCT. 31	68.78	MAR. 11	64.54
NOV. 19	70.38	APR. 15	65.73				

301944093170401 LOCAL WELL NUMBER: CU-958

OWNER: U. S. GEOL. SURVEY. (SEC. 35, T. 8S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 707 FT, SCREENED 702-707. MP TOP OF 2-IN CASING, 3.0 FT ABOVE LSD.
 LSD 20.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 65.36 BELOW LSD, MAR. 4, 1976.
 LOWEST WATER LEVEL 73.68 BELOW LSD, AUG. 1, 1974.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG. 1, 1974	73.68	DEC. 2, 1974	69.05	JUNE 25, 1975	69.57	JAN. 14, 1976	66.40
AUG. 28	72.83	JAN. 23, 1975	67.65	AUG. 19	72.65	FEB. 20	65.78
SEP. 20	72.24	MAR. 6	66.48	OCT. 24	70.02	MAR. 4	65.36
NOV. 6	70.13	APR. 16	65.38	DEC. 1	68.17		

301031093204901 LOCAL WELL NUMBER: CU-959

OWNER: U. S. GEOL. SURVEY. (SEC. 24, T. 10S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 733 FT, SCREENED 727-733. MP TOP OF 2-IN CASING, 2.85 FT ABOVE LSD.
 LSD 21.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 113.19 BELOW LSD, APR. 16, 1975.
 LOWEST WATER LEVEL 128.70 BELOW LSD, AUG. 1, 1974.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 12, 1974	121.69	JAN. 23, 1975	116.95	JUNE 25, 1975	118.05	DEC. 2, 1975	117.07
AUG. 1	128.70	FEB. 28	113.63	AUG. 28	123.64	JAN. 22, 1976	115.40
AUG. 27	127.86	APR. 16	113.19	OCT. 30	119.30	FEB. 20	114.01
DEC. 3	120.17	MAY 29	114.82				

301031093204902 LOCAL WELL NUMBER: CU-960

OWNER: U. S. GEOL. SURVEY. (SEC. 24, T. 10S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 598 FT, SCREENED 592-598. MP TOP OF 2-IN CASING, 2.86 FT ABOVE LSD.
 LSD 21.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 117.93 BELOW LSD, APR. 16, 1975.
 LOWEST WATER LEVEL 134.18 BELOW LSD, AUG. 1, 1974.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 12, 1974	127.17	JAN. 23, 1975	121.63	JUNE 25, 1975	122.48	DEC. 2, 1975	121.97
AUG. 1	134.18	FEB. 28	118.12	AUG. 28	129.16	JAN. 22, 1976	120.22
AUG. 27	133.39	APR. 16	117.93	OCT. 30	124.22	FEB. 20	118.93
DEC. 3	125.67	MAY 29	119.30				

300812093165801 LOCAL WELL NUMBER: CU-962

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 11S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 287 FT, SCREENED 281-287. MP TOP OF 2-IN CASING, 1.7 FT ABOVE LSD.
 LSD 11.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 52.97 BELOW LSD, MAR. 4, 1976.
 LOWEST WATER LEVEL 55.22 BELOW LSD, NOV. 4, 1974.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 12, 1974	53.61	DEC. 2, 1974	55.03	JUNE 19, 1975	53.30	DEC. 3, 1975	54.00
JULY 16	54.90	FEB. 25, 1975	53.96	SEP. 8	54.43	JAN. 19, 1976	53.65
AUG. 27	54.32	MAR. 11	53.62	OCT. 30	54.37	MAR. 4	52.97
NOV. 4	55.22	APR. 29	53.99				

300718093220001 LOCAL WELL NUMBER: CU-963

OWNER: U. S. GEOL. SURVEY. (SEC. 11, T. 11S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 399 FT, SCREENED 393-399. MP TOP OF 2-IN CASING, 1.6 FT ABOVE LSD.
 LSD 10.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 83.78 BELOW LSD, APR. 23, 1975.
 LOWEST WATER LEVEL 96.77 BELOW LSD, AUG. 1, 1974.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 12, 1974	91.19	DEC. 3, 1974	89.88	JUNE 18, 1975	86.43	DEC. 2, 1975	86.89
AUG. 1	96.77	MAR. 3, 1975	85.57	AUG. 28	91.56	JAN. 23, 1976	85.22
AUG. 28	96.20	APR. 16	83.88	OCT. 24	88.90	FEB. 20	84.30
NOV. 20	90.49	APR. 23	83.78				

301339093253901 LOCAL WELL NUMBER: CU-964

OWNER: U. S. GEOL. SURVEY. (SEC. 31, T. 9S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 360 FT, SCREENED 354-360. MP TOP OF 2-IN CASING, 1.30 FT ABOVE LSD.
 LSD 16.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 73.73 BELOW LSD, JAN. 23, 1976.
 LOWEST WATER LEVEL 89.78 BELOW LSD, AUG. 19, 1975.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 12, 1974	82.62	NOV. 6, 1974	82.66	APR. 28, 1975	76.78	DEC. 2, 1975	79.62
JULY 17	88.50	DEC. 3	80.92	JUNE 18	82.32	JAN. 23, 1976	73.73
AUG. 28	88.19	JAN. 23, 1975	77.49	AUG. 19	89.78	FEB. 20	76.63
SEP. 24	85.79	MAR. 5	76.50	OCT. 24	82.15	MAR. 2	77.39
OCT. 31	83.26	MAR. 17	76.06				

GROUND-WATER LEVELS

CALCASIEU PARISH

301013093231201 LOCAL WELL NUMBER: CU-965

OWNER: U. S. GEOL. SURVEY. (SEC. 21, T. 10S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 470 FT, SCREENED 264-270. MP TOP OF 2-IN CASING, AT LAND SURFACE.

LSD 15.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 59.95 BELOW LSD, AUG. 29, 1974.

LOWEST WATER LEVEL 74.74 BELOW LSD, JUNE 12, 1974.

RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 12, 1974	74.74	JAN. 24, 1975	67.26	JUNE 18, 1975	71.33	DEC. 20, 1975	67.47
AUG. 1	57.77	MAR. 3	66.53	AUG. 28	71.23	JAN. 23, 1976	66.12
AUG. 29	59.95	APR. 16	65.41	OCT. 24	68.58	FEB. 20	65.85
DEC. 3	68.75	APR. 23	65.30				

301350093045001 LOCAL WELL NUMBER: CU-966

OWNER: U. S. GEOL. SURVEY. (SEC. 33, T. 9S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 435 FT, SCREENED 229-235. MP TOP OF 2-IN CASING, 1.4 FT ABOVE LSD.

LSD 18.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 51.74 BELOW LSD, MAR. 11, 1976.

LOWEST WATER LEVEL 71.45 BELOW LSD, JUNE 19, 1975.

RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 17, 1974	70.89	JAN. 30, 1975	54.45	JUNE 19, 1975	71.45	DEC. 9, 1975	56.10
AUG. 27	58.73	FEB. 24	54.12	SEP. 8	60.35	JAN. 22, 1976	53.14
DEC. 6	57.80	APR. 15	53.70	OCT. 29	56.43	MAR. 11	51.74

301147093141901 LOCAL WELL NUMBER: CU-967

OWNER: U. S. GEOL. SURVEY. (SEC. 12, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 440 FT, SCREENED 234-240. MP TOP OF 2-IN CASING, 1.37 FT ABOVE LSD.

LSD 15.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 66.79 BELOW LSD, APR. 16, 1975.

LOWEST WATER LEVEL 71.69 BELOW LSD, AUG. 29, 1974.

RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 17, 1974	58.93	NOV. 4, 1974	70.70	APR. 16, 1975	66.79	OCT. 30, 1975	68.90
JULY 16	70.66	DEC. 2	70.50	JUNE 24	67.97	DEC. 3	68.17
AUG. 29	71.69	FEB. 25, 1975	68.16	SEP. 8	69.62	JAN. 19, 1976	67.15

300557093250401 LOCAL WELL NUMBER: CU-968

OWNER: U. S. GEOL. SURVEY. (SEC. 15, T. 11S., R. 11W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 276 FT, SCREENED 270-276. MP TOP OF 2-IN CASING, 1.3 FT ABOVE LSD.

LSD 10.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 48.95 BELOW LSD, AUG. 29, 1974.

LOWEST WATER LEVEL 53.61 BELOW LSD, JUNE 18, 1975.

RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG. 29, 1974	48.95	MAR. 5, 1975	50.23	JUNE 18, 1975	53.61	DEC. 2, 1975	50.70
DEC. 3	51.28	MAR. 13	50.04	AUG. 28	52.95	FEB. 20, 1976	49.82
JAN. 24, 1975	50.74	APR. 23	49.64	OCT. 24	51.45	MAR. 3	49.67

300325093111701 LOCAL WELL NUMBER: CU-969

OWNER: U. S. GEOL. SURVEY. (SEC. 12, T. 10S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 190 FT, SCREENED 184-190. MP TOP OF 2-IN CASING, 1.53 FT ABOVE LSD.
 LSD 21.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 53.15 BELOW LSD, MAR. 11, 1976.
 LOWEST WATER LEVEL 84.33 BELOW LSD, JULY 19, 1974.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JULY 19, 1974	84.33	FEB. 24, 1975	61.76	SEP. 8, 1975	63.05	JAN. 22, 1976	54.27
SEP. 6	71.49	APR. 15	55.61	OCT. 29	58.23	MAR. 11	53.15
DEC. 9	58.70	JUNE 19	83.04	DEC. 9	56.96		

300534092564401 LOCAL WELL NUMBER: CU-970

OWNER: U. S. GEOL. SURVEY. (SEC. 18, T. 11S., R. 5W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 780 FT, SCREENED 770-780. MP TOP OF 2-IN CASING, 4.0 FT ABOVE LSD.
 LSD 5.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 37.76 BELOW LSD, FEB. 20, 1976.
 LOWEST WATER LEVEL 44.28 BELOW LSD, JULY 24, 1975.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1974	43.18	FEB. 27, 1975	39.06	AUG. 28, 1975	43.41	DEC. 9, 1975	40.17
NOV. 19	42.88	APR. 15	38.62	SEP. 22	42.53	JAN. 14, 1976	39.03
DEC. 9	42.04	JUNE 12	41.85	OCT. 31	41.19	FEB. 20	37.76
JAN. 30, 1975	39.87	JULY 24	44.28				

300534092564402 LOCAL WELL NUMBER: CU-971

OWNER: U. S. GEOL. SURVEY. (SEC. 18, T. 11S., R. 5W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 500 FT, SCREENED 490-500. MP TOP OF 2-IN CASING, 3.0 FT ABOVE LSD.
 LSD 5.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 34.48 BELOW LSD, FEB. 20, 1976.
 LOWEST WATER LEVEL 46.18 BELOW LSD, JULY 24, 1975.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1974	40.98	FEB. 27, 1975	35.66	AUG. 28, 1975	42.85	DEC. 9, 1975	37.73
NOV. 19	40.54	APR. 15	36.81	SEP. 22	41.18	JAN. 14, 1976	36.05
DEC. 9	39.38	JUNE 12	43.80	OCT. 31	38.93	FEB. 20	34.48
JAN. 30, 1975	36.64	JULY 24	46.18				

301941093035601 LOCAL WELL NUMBER: CU-972

OWNER: U. S. GEOL. SURVEY. (SEC. 27, T. 8S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 595 FT, SCREENED 585-595. MP TOP OF 2-IN CASING, 1.65 FT ABOVE LSD.
 LSD 20.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 45.60 BELOW LSD, FEB. 20, 1976.
 LOWEST WATER LEVEL 51.03 BELOW LSD, JUNE 25, 1975.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 9, 1974	48.79	JUNE 25, 1975	51.03	DEC. 9, 1975	47.05	FEB. 20, 1976	45.60
MAR. 7, 1975	46.82	SEP. 8	49.34	JAN. 14, 1976	46.29	JULY 8	50.36
APR. 15	46.45	OCT. 29	47.59				

GROUND-WATER LEVELS

CALCASIEU PARISH

301601093130601 LOCAL WELL NUMBER: CU-973

OWNER: U. S. GEOL. SURVEY. (SEC. 30, T. 9S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 660 FT, SCREENED 650-660. MP TOP OF 2-IN CASING, 4.22 FT ABOVE LSD.
 LSD 5.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 83.05 BELOW LSD, FEB. 20, 1976.
 LOWEST WATER LEVEL 93.05 BELOW LSD, AUG. 18, 1975.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1974	92.71	MAR. 7, 1975	86.43	AUG. 18, 1975	93.05	JAN. 19, 1976	85.76
DEC. 4	91.48	APR. 16	86.45	OCT. 24	89.26	FEB. 20	83.05
JAN. 29, 1975	88.20	JUNE 24	87.42	DEC. 2	87.97		

301601093130602 LOCAL WELL NUMBER: CU-974

OWNER: U. S. GEOL. SURVEY. (SEC. 30, T. 9S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 465 FT, SCREENED 455-465. MP TOP OF 2-IN CASING, 4.0 FT ABOVE LSD.
 LSD 5.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 82.68 BELOW LSD, FEB. 20, 1976.
 LOWEST WATER LEVEL 92.83 BELOW LSD, AUG. 18, 1975.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1974	91.80	MAR. 7, 1975	86.12	AUG. 18, 1975	92.83	JAN. 19, 1976	84.76
DEC. 4	88.95	APR. 16	84.50	OCT. 24	86.90	FEB. 20	82.68
JAN. 29, 1975	86.84	JUNE 24	91.14	DEC. 2	85.50		

301941093035602 LOCAL WELL NUMBER: CU-975

OWNER: U. S. GEOL. SURVEY. (SEC. 27, T. 8S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 237 FT, SCREENED 231-237. MP TOP OF 2-IN CASING, 1.8 FT ABOVE LSD.
 LSD 20.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 38.89 BELOW LSD, FEB. 20, 1976.
 LOWEST WATER LEVEL 39.58 BELOW LSD, JULY 8, 1976.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 7, 1975	39.22	SEP. 8, 1975	39.54	DEC. 9, 1975	39.30	FEB. 20, 1976	38.89
APR. 15	39.14	OCT. 29	39.55	JAN. 14, 1976	39.08	JULY 8	39.58
JUNE 25	39.30						

301129093183001 LOCAL WELL NUMBER: CU-976

OWNER: U. S. GEOL. SURVEY. (SEC. 8, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 550 FT, SCREENED 545-550. MP TOP OF 2-IN CASING, 1.25 FT ABOVE LSD.
 LSD 10.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 117.99 BELOW LSD, MAR. 12, 1976.
 LOWEST WATER LEVEL 128.86 BELOW LSD, AUG. 20, 1975.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 4, 1974	127.52	MAY 29, 1975	124.55	SEP. 8, 1975	126.68	JAN. 22, 1976	122.24
FEB. 28, 1975	120.11	JUNE 24	127.60	OCT. 30	126.07	FEB. 20	119.57
APR. 16	120.03	AUG. 20	128.86	DEC. 9	124.01	MAR. 12	117.99

301944093170402 LOCAL WELL NUMBER: CU-977

OWNER: U. S. GEOL. SURVEY. (SEC. 35, T. 8S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 515 FT, SCREENED 510-515. MP TOP OF 2-IN CASING, 2.45 FT ABOVE LSD.
 LSD 20.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 64.64 BELOW LSD, MAR. 4, 1976.
 LOWEST WATER LEVEL 71.87 BELOW LSD, AUG. 19, 1975.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 2, 1974	68.62	APR. 16, 1975	65.33	OCT. 24, 1975	69.22	FEB. 20, 1976	65.25
JAN. 23, 1975	66.48	JUNE 25	69.07	DEC. 1	67.48	MAR. 4	64.64
MAR. 6	55.68	AUG. 19	71.87	JAN. 22, 1976	65.62		

301409093120301 LOCAL WELL NUMBER: CU-978

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 9S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 645 FT, SCREENED 640-645. MP TOP OF 2-IN CASING, 2.75 FT ABOVE LSD.
 LSD 15.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 91.50 BELOW LSD, FEB. 20, 1976.
 LOWEST WATER LEVEL 99.88 BELOW LSD, SEP. 8, 1975.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 4, 1974	98.47	APR. 16, 1975	93.58	OCT. 29, 1975	96.25	JAN. 22, 1976	93.95
DEC. 19	96.90	JUNE 24	99.04	DEC. 1	95.58	FEB. 20	91.50
FEB. 27, 1975	94.32	SEP. 8	99.88				

301005093110401 LOCAL WELL NUMBER: CU-979

OWNER: U. S. GEOL. SURVEY. (SEC. 28, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 555 FT, SCREENED 550-555. MP TOP OF 2-IN CASING, 3.0 FT ABOVE LSD.
 LSD 20.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 86.79 BELOW LSD, MAR. 23, 1976.
 LOWEST WATER LEVEL 97.98 BELOW LSD, JULY 17, 1975.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 19, 1974	92.53	JUNE 24, 1975	96.55	OCT. 29, 1975	92.41	JAN. 14, 1976	89.39
FEB. 24, 1975	90.23	JULY 17	97.98	DEC. 9	90.76	MAR. 23	86.79
APR. 16	89.32	SEP. 8	95.17				

300813093403901 LOCAL WELL NUMBER: CU-981

OWNER: LA. TOURIST COMMISSION. (SEC. 3, T. 11S., R. 13W.) DRILLED RECREATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, DEPTH 400 FT, SCREENED 180-200. MP VENT IN TOP OF SANITARY PLUG, 1.75 FT ABOVE LSD.
 LSD 9.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 12.17 BELOW LSD, MAR. 5, 1975.
 LOWEST WATER LEVEL 13.92 BELOW LSD, MAR. 2, 1976.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 5, 1975	12.17	MAR. 2, 1976	13.92				

301008093172001 LOCAL WELL NUMBER: CU-982

OWNER: MRS. R. G. STEWART. (SEC. 21, T. 10S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, REPORTED DEPTH 500 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 4-IN CASING, 1.57 FT ABOVE LSD.
 LSD 20.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 113.53 BELOW LSD, FEB. 21, 1974.
 LOWEST WATER LEVEL 114.27 BELOW LSD, MAR. 28, 1975.
 RECORDS AVAILABLE 1974-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 21, 1974	113.53	MAR. 28, 1975	114.27				

GROUND-WATER LEVELS

CALCASIEU PARISH

301335093130101 LOCAL WELL NUMBER: CU-985

OWNER: CARL H. HANCHEY. (SEC. 6, T. 9S., R. 8W.) DRILLED UNUSED ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 400 FT, SCREENED 380-400, MP TOP OF COUPLING, REMOVE PLUG TO MEASURE, 0.18 FT ABOVE LSD.

LSD 10.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 101.50 BELOW LSD, APR. 7, 1975.

LOWEST WATER LEVEL 114.64 BELOW LSD, AUG. 18, 1975.

RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 7, 1975	101.50	OCT. 30, 1975	110.50	MAY 24, 1976	104.68	AUG. 24, 1976	110.17
JUNE 17	110.98	DEC. 9	105.12	JULY 28	107.92	SEP. 21	107.94
AUG. 18	114.64	JAN. 12, 1976	102.48				

301059093125101 LOCAL WELL NUMBER: CU-988

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 523 FT, SCREENED 518-523, MP TOP OF CASING, 2.8 FT ABOVE LSD.

LSD 14.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 94.30 BELOW LSD, MAR. 26, 1976.

LOWEST WATER LEVEL 106.15 BELOW LSD, AUG. 25, 1976.

RECORDS AVAILABLE CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 15, 1976	96.52	APR. 22, 1976	96.89	JUNE 28, 1976	103.63	SEP. 21, 1976	104.05
MAR. 26	94.30	MAY 21	102.01	AUG. 25	106.15		

301059093125102 LOCAL WELL NUMBER: CU-989

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 330 FT, SCREENED 325-330, MP TOP OF CASING, 2.7 FT ABOVE LSD.

LSD 14.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 76.53 BELOW LSD, MAR. 26, 1976.

LOWEST WATER LEVEL 83.37 BELOW LSD, AUG. 25, 1976.

RECORDS AVAILABLE CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 14, 1976	78.52	APR. 22, 1976	77.02	JUNE 28, 1976	81.66	SEP. 21, 1976	83.07
MAR. 26	76.53	MAY 21	79.70	AUG. 25	83.37		

301059093125103 LOCAL WELL NUMBER: CU-990

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 183 FT, SCREENED 178-183, MP TOP OF CASING, 2.8 FT ABOVE LSD.

LSD 14.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 66.18 BELOW LSD, APR. 22, 1976.

LOWEST WATER LEVEL 70.58 BELOW LSD, AUG. 25, 1976.

RECORDS AVAILABLE CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1976	68.83	APR. 22, 1976	66.18	JUNE 28, 1976	69.15	SEP. 21, 1976	70.56
MAR. 26	66.23	MAY 21	67.44	AUG. 25	70.58		

301436093335101 LOCAL WELL NUMBER: CU-991

OWNER: U. S. GEOL. SURVEY. (SEC. 30, T. 9S., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 315 FT, SCREENED 310-315, MP TOP OF 2-IN CASING, 1.8 FT ABOVE LSD.

LSD 20.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 43.38 BELOW LSD, MAR. 1, 1976.

LOWEST WATER LEVEL 48.00 BELOW LSD, FEB. 12, 1976.

RECORDS AVAILABLE CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 12, 1976	48.00	MAR. 1	43.38				

CALCASIEU PARISH

300634093400401 LOCAL WELL NUMBER: CU-994

OWNER: U. S. GEOL. SURVEY. (SEC. 14, T. 11S., R. 13W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 760 FT, SCREENED 755-760. MP TOP OF 2-IN CASING, 2.9 FT ABOVE LSD.
 LSD 5.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 52.13 BELOW LSD, MAR. 2, 1976.
 LOWEST WATER LEVEL 52.13 BELOW LSD, MAR. 2, 1976.
 RECORDS AVAILABLE CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1976	52.13						

CAMERON PARISH

295935092473001 LOCAL WELL NUMBER: CN-16

OWNER: MAPLE HUGHES ESTATE. (SEC. 20, T. 12S., R. 4W.) DRILLED UNUSED ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 TO 8 IN, REPORTED DEPTH 350 FT, SCREENED INTERVAL UNKNOWN. MP HOLE IN END OF PULLEY, 2.41 FT ABOVE LSD.
 LSD 5.03 FT ABOVE MSL.
 HIGHEST WATER LEVEL 5.59 BELOW LSD, MAY 21, 1947.
 LOWEST WATER LEVEL 34.36 BELOW LSD, APR. 27, 1976.
 RECORDS AVAILABLE 1946-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1975	30.97	FEB. 20, 1976	28.11	APR. 27, 1976	34.36	JUNE 30, 1976	33.32
DEC. 9	30.16	MAR. 4	27.79	MAY 22	31.13	SEP. 22	33.07
JAN. 14, 1976	24.21						

294344092491601 LOCAL WELL NUMBER: CN-60

OWNER: STATE OF LOUISIANA. (SEC. 20, T. 15S., R. 4W.) DRILLED STOCK-SUPPLY ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 TO 6 IN, REPORTED DEPTH 274 FT, SCREENED 211-274. MP TOP EDGE OF 1-IN NIPPLE, 2.40 FT ABOVE LSD.
 LSD 3.87 FT ABOVE MSL.
 HIGHEST WATER LEVEL 5.97 BELOW LSD, SEP. 10, 1958.
 LOWEST WATER LEVEL 10.66 BELOW LSD, FEB. 26, 1975.
 RECORDS AVAILABLE 1957-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	10.66	MAR. 17, 1976	10.65				

295314093241101 LOCAL WELL NUMBER: CN-73

OWNER: BUREAU OF SPORTS FISHERIES AND WILDLIFE, SABINE NATIONAL WILDLIFE REFUGE. (SEC. 32, T. 13S., R. 10W.) DRILLED DOMESTIC ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 6 TO 4 IN, REPORTED DEPTH 515 FT, SCREENED 500-515. MP TOP OF 1/2-IN PLUG HOLE IN STEEL PLATE, 0.50 FT ABOVE LSD.
 LSD 9.59 FT ABOVE MSL.
 HIGHEST WATER LEVEL 19.40 BELOW LSD, MAR. 27, 1961.
 LOWEST WATER LEVEL 36.11 BELOW LSD, FEB. 27, 1974.
 RECORDS AVAILABLE 1961-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	31.82	MAR. 17, 1976	32.10				

295846092381101 LOCAL WELL NUMBER: CN-80U

OWNER: U. S. GEOL. SURVEY. (SEC. 24, T. 12S., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 453 FT, SCREENED 443-453. MP TOP OF 1-IN PIPE, 3.32 FT ABOVE LSD.
 LSD 4.73 FT ABOVE MSL.
 HIGHEST WATER LEVEL 19.42 BELOW LSD, MAR. 22, 1965.
 LOWEST WATER LEVEL 28.21 BELOW LSD, OCT. 23, 1969.
 RECORDS AVAILABLE 1964-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	25.08						

GROUND-WATER LEVELS

CAMERON PARISH

295846092381103 LOCAL WELL NUMBER: CN-80L

OWNER: U. S. GEOL. SURVEY. (SEC. 24, T. 12S., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN, DEPTH 481 FT, SCREENED 475-481. MP TOP OF 1-IN PIPE, 3.32 FT ABOVE LSD.
 LSD 4.73 FT ABOVE MSL.
 HIGHEST WATER LEVEL 19.47 BELOW LSD, MAR. 22, 1965.
 LOWEST WATER LEVEL 28.26 BELOW LSD, OCT. 23, 1969.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	26.45	MAR. 4, 1976	25.68				

300125092382503 LOCAL WELL NUMBER: CN-81U.

OWNER: U. S. GEOL. SURVEY. (SEC. 11, T. 12S., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 448 FT, SCREENED 438-448. MP TOP OF 1-IN PIPE, 3.18 FT ABOVE LSD.
 LSD 4.45 FT ABOVE MSL.
 HIGHEST WATER LEVEL 20.92 BELOW LSD, MAR. 22, 1965.
 LOWEST WATER LEVEL 30.48 BELOW LSD, OCT. 23, 1969.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	27.07	MAR. 4, 1976	27.52				

300125092382504 LOCAL WELL NUMBER: CN-81L

OWNER: U. S. GEOL. SURVEY. (SEC. 11, T. 12S., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN, DEPTH 478 FT, SCREENED 468-478. MP TOP OF 1-IN PIPE, 3.18 FT ABOVE LSD.
 LSD 4.45 FT ABOVE MSL.
 HIGHEST WATER LEVEL 20.99 BELOW LSD, MAR. 22, 1965.
 LOWEST WATER LEVEL 30.42 BELOW LSD, APR. 27, 1972.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	28.52	MAR. 4, 1976	27.62				

300120093320803 LOCAL WELL NUMBER: CN-86U

OWNER: U. S. GEOL. SURVEY. (SEC. 13, T. 12S., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 535 FT, SCREENED 525-535. MP TOP OF 1-IN PIPE, 2.91 FT ABOVE LSD.
 LSD 3.66 FT ABOVE MSL.
 HIGHEST WATER LEVEL 32.01 BELOW LSD, APR. 12, 1965.
 LOWEST WATER LEVEL 51.22 BELOW LSD, SEP. 19, 1971.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 5, 1975	49.71	MAR. 13	49.41	MAR. 3, 1976	48.52		

300120093320802 LOCAL WELL NUMBER: CN-86L

OWNER: U. S. GEOL. SURVEY. (SEC. 13, T. 12S., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 IN, DEPTH 641 FT, SCREENED 631-641. MP TOP OF 1-IN PIPE, 2.91 FT ABOVE LSD.
 LSD 3.66 FT ABOVE MSL.
 HIGHEST WATER LEVEL 32.16 BELOW LSD, APR. 12, 1965.
 LOWEST WATER LEVEL 51.34 BELOW LSD, SEP. 19, 1971.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 5, 1975	49.85	MAR. 13	49.54	MAR. 3, 1976	48.63		

295337093240601 LOCAL WELL NUMBER: CN-87

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 13S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 804 FT, SCREENED 798-804. MP TOP OF 2-IN CASING, 1.0 FT ABOVE LSD.
 LSD 8.46 FT ABOVE MSL.
 HIGHEST WATER LEVEL 22.38 BELOW LSD, DEC. 16, 1963.
 LOWEST WATER LEVEL 46.80 BELOW LSD, AUG. 2, 1972.
 RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1975	46.42	MAR. 17, 1976	45.03	MAY 24, 1976	44.50	AUG. 11, 1976	46.61
DEC. 2	46.19	APR. 27	44.73	JUNE 28	45.40	SEP. 23	46.79
JAN. 23, 1976	44.68						

300055093093001 LOCAL WELL NUMBER: CN-88U.

OWNER: U. S. GEOL. SURVEY. (SEC. 14, T. 12S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 666 FT, SCREENED 656-666. MP TOP OF 1/2-IN PIPE, 2.68 FT ABOVE LSD.
 LSD 8.86 FT ABOVE MSL.
 HIGHEST WATER LEVEL 39.97 BELOW LSD, APR. 13, 1965.
 LOWEST WATER LEVEL 63.71 BELOW LSD, JULY 15, 1974.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1975	57.56	FEB. 27	56.96	MAR. 4, 1976	55.46		

300055093093003 LOCAL WELL NUMBER: CN-88L

OWNER: U. S. GEOL. SURVEY. (SEC. 14, T. 12S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 1/2 IN, DEPTH 804 FT, SCREENED 794-804. MP TOP OF 1/2-IN PIPE, 2.68 FT ABOVE LSD.
 LSD 8.86 FT ABOVE MSL.
 HIGHEST WATER LEVEL 40.27 BELOW LSD, APR. 13, 1965.
 LOWEST WATER LEVEL 64.08 BELOW LSD, JULY 15, 1974.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1975	57.89	FEB. 27	57.32	MAR. 4, 1976	55.80		

295148092505901 LOCAL WELL NUMBER: CN-89

OWNER: U. S. CORPS OF ENGINEERS. (SEC. 1, T. 14S., R. 5W.) DRILLED DOMESTIC ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 IN, REPORTED DEPTH 350 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 1/4-IN TAP HOLE IN CASING CAP, 1.0 FT ABOVE LSD.
 LSD 6.49 FT ABOVE MSL.
 HIGHEST WATER LEVEL 19.32 BELOW LSD, MAR. 25, 1964.
 LOWEST WATER LEVEL 27.05 BELOW LSD, MAR. 22, 1967.
 RECORDS AVAILABLE 1964-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	26.46	MAR. 5, 1976	25.54				

295611093044801 LOCAL WELL NUMBER: CN-90

OWNER: U. S. GEOL. SURVEY. (SEC. 4, T. 13S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 396 FT, SCREENED 386-396. MP TOP OF 4-IN CASING, 1.17 FT ABOVE LSD.
 LSD 3.19 FT ABOVE MSL.
 HIGHEST WATER LEVEL 20.04 BELOW LSD, APR. 13, 1965.
 LOWEST WATER LEVEL 36.85 BELOW LSD, AUG. 14, 1973.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	29.01	MAR. 18	28.47	MAR. 5, 1976	28.27		

GROUND-WATER LEVELS

CAMERON PARISH

300104093015601 LOCAL WELL NUMBER: CN-92

OWNER: U. S. GEOL. SURVEY. (SEC. 12, T. 12S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 443 FT, SCREENED 438-443. MP TOP OF 2-IN CASING, 2.0 FT ABOVE LSD.
 LSD 5.50 FT ABOVE MSL.
 HIGHEST WATER LEVEL 26.02 BELOW LSD, APR. 13, 1965.
 LOWEST WATER LEVEL 53.96 BELOW LSD, AUG. 14, 1973.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	36.04	MAR. 4, 1976	34.43				

294701093174301 LOCAL WELL NUMBER: CN-93

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 16, T. 15S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 360 FT, SCREENED 355-360. MP TOP OF 2-IN CASING, 3.0 FT ABOVE LSD.
 LSD 3.76 FT ABOVE MSL.
 HIGHEST WATER LEVEL 9.64 BELOW LSD, DEC. 15, 1965.
 LOWEST WATER LEVEL 23.48 BELOW LSD, SEP. 4, 1974.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	21.92	APR. 28, 1975	20.90	DEC. 2, 1975	22.57	MAR. 17, 1976	21.88
MAR. 18	21.18	JUNE 19	21.63				

294543093391401 LOCAL WELL NUMBER: CN-94

OWNER: U. S. GEOL. SURVEY. (SEC. 8, T. 15S., R. 13W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 1,118 FT, SCREENED 1,112-1,118. MP TOP OF 2-IN CASING, 2.50 FT ABOVE LSD.
 LSD 6.22 FT ABOVE MSL.
 HIGHEST WATER LEVEL 30.12 BELOW LSD, JUNE 17, 1965.
 LOWEST WATER LEVEL 41.38 BELOW LSD, MAR. 2, 1976.
 RECORDS AVAILABLE 1965-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	40.68	MAR. 2, 1976	41.38				

294551042573701 LOCAL WELL NUMBER: CN-111

OWNER: CONTINENTAL OIL CO. (SEC. 39, T. 15S., R. 6W.) DRILLED INDUSTRIAL ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 16 IN, REPORTED DEPTH 593 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF AIR VENT, 2.43 FT ABOVE LSD.
 LSD 5.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 19.35 BELOW LSD, FEB. 27, 1974.
 LOWEST WATER LEVEL 34.24 BELOW LSD, FEB. 22, 1972.
 RECORDS AVAILABLE 1969, 1972, 1974-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	28.02						

294526092424801 LOCAL WELL NUMBER: CN-112

OWNER: PAN AMERICAN PETROLEUM CO. (SEC. 8, T. 15S., R. 3W.) DRILLED INDUSTRIAL ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 11 TO 7 IN, REPORTED DEPTH 250 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 3/4-IN NIPPLE, 0.90 FT ABOVE LSD.
 LSD 4.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 14.32 BELOW LSD, FEB. 22, 1972.
 LOWEST WATER LEVEL 14.99 BELOW LSD, FEB. 26, 1975.
 RECORDS AVAILABLE 1972, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	14.99	MAR. 4, 1976	14.78				

300113093365701 LOCAL WELL NUMBER: CN-113

OWNER: SHELL OIL CO. (SEC. 17, T. 12S., R. 12W.) DRILLED INDUSTRIAL ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM. DEPTH AND SCREENED INTERVAL UNKNOWN. MP TOP OF CASING, 1.4 FT ABOVE LSD.

LSD 4.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 46.22 BELOW LSD, MAR. 3, 1976.

LOWEST WATER LEVEL 49.85 BELOW LSD, MAR. 5, 1975.

RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 5, 1975	49.85	MAR. 3, 1976	46.22				

294615093004201 LOCAL WELL NUMBER: CN-118

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 15S., R. 6W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 937 FT, SCREENED 627-637. MP TOP OF 2-IN CASING, 2.33 FT ABOVE LSD.

LSD 0.0 FT ABOVE MSL.

HIGHEST WATER LEVEL 20.58 BELOW LSD, APR. 28, 1975.

LOWEST WATER LEVEL 22.84 BELOW LSD, SEP. 4, 1974.

RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 4, 1974	22.84	MAR. 18, 1975	21.14	OCT. 31, 1975	21.99	FEB. 20, 1976	21.13
DEC. 9	22.55	APR. 28	20.58	DEC. 2	21.60	MAR. 4	20.87
JAN. 21, 1975	21.67	JUNE 19	20.86	JAN. 23, 1976	21.47	MAR. 17	20.97
FEB. 26	21.78	AUG. 28	22.02				

294709093174302 LOCAL WELL NUMBER: CN-119

OWNER: U. S. GEOL. SURVEY. (SEC. 16, T. 15S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 910 FT, SCREENED 900-910. MP TOP OF 2-IN CASING, 2.86 FT ABOVE LSD.

LSD 5.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 29.34 BELOW LSD, JUNE 19, 1975.

LOWEST WATER LEVEL 31.49 BELOW LSD, DEC. 9, 1974.

RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 4, 1974	31.33	MAR. 18, 1975	30.07	AUG. 28, 1975	30.18	JAN. 23, 1976	30.52
DEC. 9	31.49	APR. 28	29.62	OCT. 31	30.43	FEB. 20	30.06
FEB. 26, 1975	30.92	JUNE 19	29.34	DEC. 3	30.44	MAR. 17	30.08

295721093115701 LOCAL WELL NUMBER: CN-120

OWNER: U. S. GEOL. SURVEY. (T. 13S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 763 FT, SCREENED 753-763. MP TOP OF 2-IN CASING, 2.30 FT ABOVE LSD.

LSD 5.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 36.85 BELOW LSD, DEC. 3, 1975.

LOWEST WATER LEVEL 47.78 BELOW LSD, NOV. 4, 1974.

RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 4, 1974	47.78	FEB. 27, 1975	45.86	AUG. 19, 1975	47.12	JAN. 23, 1976	45.20
DEC. 2	47.70	APR. 22	44.37	OCT. 30	46.43	MAR. 4	44.00
JAN. 24, 1975	46.20	JUNE 17	45.32	DEC. 3	36.85		

300040093161801 LOCAL WELL NUMBER: CN-121

OWNER: U. S. GEOL. SURVEY. (SEC. 18, T. 12S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 620 FT, SCREENED 680-640. MP TOP OF 2-IN CASING, 2.5 FT ABOVE LSD.

LSD 3.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 53.84 BELOW LSD, APR. 22, 1975; MAR. 4, 1976.

LOWEST WATER LEVEL 58.66 BELOW LSD, NOV. 13, 1974.

RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 4, 1974	58.59	JAN. 24, 1975	56.10	JUNE 17, 1975	56.23	DEC. 3, 1975	55.94
NOV. 13	58.66	FEB. 27	55.70	AUG. 19	57.80	JAN. 23, 1976	54.75
DEC. 2	58.20	APR. 22	53.84	OCT. 30	56.59	MAR. 4	53.84

GROUND-WATER LEVELS

CAMERON PARISH

300140093202201 LOCAL WELL NUMBER: CN-122

OWNER: U. S. GEOL. SURVEY. (SEC. 12, T. 12S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 920 FT, SCREENED 910-920. MP TOP OF 2-IN CASING, 3.4 FT ABOVE LSD.
 LSD 2.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 59.04 BELOW LSD, MAR. 3, 1976.
 LOWEST WATER LEVEL 64.79 BELOW LSD, DEC. 3, 1974.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 3, 1974	64.79	MAR. 18, 1975	60.42	AUG. 28, 1975	64.73	JAN. 23, 1976	60.48
JAN. 24, 1975	62.42	APR. 23	59.53	OCT. 24	62.82	FEB. 20	59.70
FEB. 26	61.75	JUNE 18	60.92	DEC. 2	61.88	MAR. 3	59.04

294557093223601 LOCAL WELL NUMBER: CN-123

OWNER: CAMERON PARISH POLICE JURY. (SEC. 21, T. 15S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 236 FT, SCREENED 266-236. MP TOP OF 2-IN CASING, 2.3 FT ABOVE LSD (SINCE 12/4/76).
 LSD 5.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 19.99 BELOW LSD, JUNE 18, 1975.
 LOWEST WATER LEVEL 21.20 BELOW LSD, AUG. 28, 1975.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 18, 1975	19.99	DEC. 4, 1975	21.19	FEB. 20, 1976	20.59	MAR. 17, 1976	20.40
AUG. 28	21.20	JAN. 23, 1976	21.09	MAR. 5	20.54		

EAST BATON ROUGE PARISH

302745091092401 LOCAL WELL NUMBER: EB-90

OWNER: BATON ROUGE WATER WORKS. (SEC. 77, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 8 TO 6 TO 4 IN, REPORTED DEPTH 2,120 FT, SCREENED 2,025-2,120. MP TOP OF COLLAR, 1.90 FT ABOVE LSD.
 LSD 59.05 FT ABOVE MSL.
 HIGHEST WATER LEVEL 12.70 ABOVE LSD, FEB. 23, 1943.
 LOWEST WATER LEVEL 292.54 BELOW LSD, AUG. 31, 1973.
 RECORDS AVAILABLE 1943-45, 1947-55, 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1975	262.35	JULY 15, 1975	251.74	JAN. 7, 1976	265.89	APR. 26, 1976	267.10
FEB. 21	260.50	AUG. 14	264.30	FEB. 13	269.68	JUNE 14	274.80
MAR. 28	254.84	SEP. 30	269.13	MAR. 12	265.21	JULY 9	276.61
MAY 13	249.17	OCT. 31	267.25	MAR. 16	265.07	AUG. 18	272.63
JUNE 5	247.62	DEC. 6	259.05	APR. 15	261.58	SEP. 21	269.28

302657091101201 LOCAL WELL NUMBER: EB-112

OWNER: KEANS LAUNDRY. (SEC. 48, T. 7 S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 8 TO 6 TO 4 IN, REPORTED DEPTH 2,254 FT, SCREENED 2,173-2,254. MP TOP OF 1/2-IN BUSHING, AT LSD.
 LSD 57.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 74.00 ABOVE LSD, JAN. 2, 1930.
 LOWEST WATER LEVEL 301.20 BELOW LSD, JULY 26, 1973.
 RECORDS AVAILABLE 1930, 1940, 1943, 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1975	274.86	JULY 15, 1975	261.81	FEB. 13, 1976	275.77	APR. 26, 1976	272.53
MAR. 31	263.56	NOV. 6	273.88	APR. 16	271.97	JULY 12	285.49

302604091095801 LOCAL WELL NUMBER: EB-123

OWNER: BATON ROUGE RECREATION AND PARK COMMISSION. (SEC. 53, T. 7 S., R. 1 W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 12 TO 9 IN, DEPTH 710 FT, SCREENED 630-710. MP TOP OF RECORDER-SHELTER FLOOR, 0.81 FT ABOVE LSD.
 LSD 51.13 FT ABOVE MSL.
 HIGHEST WATER LEVEL 50.70 BELOW LSD, APR. 1, 1935.
 LOWEST WATER LEVEL 143.70 BELOW LSD, SEP. 4, 1940.
 RECORDS AVAILABLE 1935, 1939-40, 1947-49, 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 3, 1975	94.56	MAR. 12, 1976	81.31	APR. 19, 1976	80.28	JULY 12, 1976	92.13
FEB. 12, 1976	87.34	APR. 13	78.78				

302617091103602 LOCAL WELL NUMBER: EB-127

OWNER: ICE SERVICE. (SEC. 49, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("SHALLOW PLEISTOCENE" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 10 TO 8 IN, DEPTH 330 FT, SCREENED 229-330. MP TOP OF RECORDER BASE, 1.73 FT BELOW LSD.
 LSD 49.56 FT ABOVE MSL.
 HIGHEST WATER LEVEL 15.32 BELOW LSD, APR. 7, 1973.
 LOWEST WATER LEVEL 53.13 BELOW LSD, OCT. 26, 1956.
 RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 3, 1975	35.83	FEB. 12, 1976	36.53	APR. 16, 1976	30.79	JULY 12, 1976	39.73

302648091102301 LOCAL WELL NUMBER: EB-128

OWNER: DIVINCENTI BROS., INC. (SEC. 74, T. 7S., R. 1 W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("800-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 6 TO 4 IN, DEPTH 970 FT, SCREENED 840-883, 916-970. MP TOP OF 6-IN CASING, AT LSD.
 LSD 57.02 FT ABOVE MSL.
 HIGHEST WATER LEVEL 67.90 BELOW LSD, MAR. 15, 1946, MAR. 25, 1946.
 LOWEST WATER LEVEL 128.42 BELOW LSD, SEP. 9, 1956.
 RECORDS AVAILABLE 1940-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 3, 1975	102.25	FEB. 13, 1976	97.64	APR. 16, 1976	90.03	JULY 12, 1976	100.59

302653091095701 LOCAL WELL NUMBER: EB-146

OWNER: BATON ROUGE DEPT. PUBLIC WORKS. (SEC. 73, T. 7 S., R. 1 W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 6 TO 4 IN, REPORTED DEPTH 1,259 FT, SCREENED 1,199-1,259. MP TOP OF 4- X 1 1/2-IN REDUCER, 0.08 FT ABOVE LSD.
 LSD 52.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 33.00 ABOVE LSD, MAR. 25, 1916.
 LOWEST WATER LEVEL 113.07 BELOW LSD, JULY 15, 1974.
 RECORDS AVAILABLE 1916, 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1975	106.37	JULY 14, 1975	102.11	FEB. 13, 1976	105.96	JULY 9, 1976	112.07
MAR. 31	102.30	NOV. 3	104.98	APR. 16	106.58		

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH

302930091101501 LOCAL WELL NUMBER: EB-155

OWNER: EXXON CO., U.S.A. (SEC. 43, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 18 TO 12 IN, REPORTED DEPTH 412 FT, SCREENED 311-412. MP TOP OF CASING COVER, 0.85 FT ABOVE LSD.

LSD 62.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 70.44 BELOW LSD, MAY 13, 1973.

LOWEST WATER LEVEL 185.30 BELOW LSD, OCT. 15, 1968.

RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 5, 1975	92.79	JUNE 11, 1975	90.69H	NOV. 25, 1975	93.15	APR. 30, 1976	85.07
JAN. 10	92.14	JUNE 15	89.35	NOV. 30	90.63	MAY 5	82.97
JAN. 15	93.02	JUNE 19	91.25H	DEC. 4	89.55H	MAY 10	84.17
JAN. 20	86.59H	JUNE 20	90.73	DEC. 5	91.29	MAY 15	83.90
JAN. 25	81.85	JUNE 25	92.15	DEC. 10	92.02	MAY 20	81.67
JAN. 31	87.78	JUNE 30	94.35	DEC. 15	96.89	MAY 25	78.44
FEB. 5	82.41	JULY 5	95.64	DEC. 20	94.44	MAY 31	78.29
FEB. 10	83.64	JULY 10	97.60	DEC. 25	96.83	JUNE 4	79.75H
FEB. 15	78.36	JULY 15	99.54H	DEC. 31	91.20	JUNE 5	80.78
FEB. 20	79.10	JULY 20	99.15	JAN. 5, 1976	91.78	JUNE 10	85.81
FEB. 21	79.29H	JULY 25	97.57	JAN. 7	91.60H	JUNE 15	85.22
FEB. 25	77.70	JULY 31	97.36	JAN. 10	93.41	JUNE 20	93.37
FEB. 28	82.91	AUG. 5	101.14	JAN. 15	96.18	JUNE 25	95.73
MAR. 5	80.99	AUG. 10	100.29	JAN. 20	92.51	JUNE 30	95.17
MAR. 10	88.15	AUG. 14	100.47H	JAN. 25	91.01	JULY 5	93.54
MAR. 15	81.12	AUG. 15	97.92	JAN. 31	88.79	JULY 9	95.96H
MAR. 20	79.98	AUG. 20	99.51	FEB. 5	92.71	JULY 10	97.62
MAR. 25	79.42	AUG. 25	102.65	FEB. 10	92.46	JULY 15	101.26
MAR. 28	77.10H	AUG. 31	108.97	FEB. 12	92.07H	JULY 20	99.92
MAR. 31	75.57	SEP. 5	102.23	FEB. 15	91.28	JULY 25	103.10
APR. 5	78.80	SEP. 10	104.54	FEB. 20	91.35	JULY 31	112.92
APR. 10	73.46	SEP. 15	104.08	FEB. 25	90.34	AUG. 5	114.59
APR. 15	77.28	SEP. 20	105.25	FEB. 29	91.42	AUG. 10	118.18
APR. 20	79.56	SEP. 25	109.75	MAR. 5	92.83	AUG. 15	122.50J
APR. 25	73.71	SEP. 30	109.10	MAR. 10	91.04	AUG. 18	130.18H
APR. 30	73.82	OCT. 3	108.91H	MAR. 15	84.19	AUG. 20	132.20
MAY 5	81.41	OCT. 5	107.22	MAR. 16	84.43H	AUG. 25	134.14
MAY 6	79.31H	OCT. 10	106.51	MAR. 20	88.00	AUG. 31	136.02
MAY 10	77.93	OCT. 15	102.79	MAR. 25	79.44	SEP. 5	141.89
MAY 13	75.45H	OCT. 20	100.15	MAR. 31	81.96	SEP. 10	141.55
MAY 15	76.40	OCT. 25	100.80	APR. 5	79.32	SEP. 15	138.72
MAY 20	83.09	OCT. 31	96.89H	APR. 10	79.51	SEP. 20	137.66
MAY 25	80.65	NOV. 5	100.04	APR. 13	77.57H	SEP. 21	137.91H
MAY 31	80.51	NOV. 10	98.74	APR. 15	77.00H	SEP. 25	131.77
JUNE 5	80.31H	NOV. 15	100.29	APR. 20	78.66	SEP. 30	133.51
JUNE 10	88.56	NOV. 20	96.80	APR. 25	88.61		

303001091093801 LOCAL WELL NUMBER: EB-168

OWNER: BATON ROUGE WATER WORKS. (SEC. 38, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 8 TO 6 IN, REPORTED DEPTH 1,496 FT, SCREENED 1,416-1,496, MP TOP EDGE OF 1 1/2 IN COLLAR ON PLATE ATOP CASING, 1.95 FT ABOVE LSD. SINCE 4/5/76, RECORDER REMOVED 4/5/76.
 LSD 56.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 14.00 ABOVE LSD, MAR. 1, 1943,
 LOWEST WATER LEVEL 137.71 BELOW LSD, SEP. 21, 1976.
 RECORDS AVAILABLE 1943, 1948, 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 5, 1975	116.97	MAY 5, 1975	122.29	AUG. 31, 1975	124.43	JAN. 15, 1976	122.97
JAN. 10	116.83	MAY 10	117.32	SEP. 5	125.10	JAN. 20	127.76
JAN. 15	120.27	MAY 13	119.04H	SEP. 10	125.37	JAN. 25	124.31
JAN. 20	122.68H	MAY 15	120.73	SEP. 15	124.19	JAN. 31	124.49
JAN. 25	124.64	MAY 20	117.30	SEP. 20	123.70	FEB. 5	124.24
JAN. 31	122.70	MAY 25	119.63	SEP. 25	125.37	FEB. 10	125.24
FEB. 5	118.77	MAY 31	119.07	SEP. 30	124.43	FEB. 12	125.25H
FEB. 10	124.47	JUNE 5	123.58H	OCT. 3	125.05H	FEB. 15	124.40
FEB. 15	125.12	JUNE 10	124.13	OCT. 31	126.00H	FEB. 20	124.41
FEB. 20	120.16	JUNE 15	126.87	NOV. 5	124.17	FEB. 25	122.62
FEB. 21	120.05H	JUNE 20	125.55	NOV. 10	124.18	FEB. 29	118.91
FEB. 25	119.43	JUNE 25	124.64	NOV. 15	125.17	MAR. 5	123.29
FEB. 28	119.29	JUNE 30	119.98	NOV. 20	126.10	MAR. 10	122.60
MAR. 5	118.06	JULY 5	119.39	NOV. 25	124.16	MAR. 15	122.66
MAR. 10	119.97	JULY 10	119.36	NOV. 30	124.86	MAR. 16	123.30H
MAR. 15	122.72	JULY 15	117.58H	DEC. 4	126.25H	MAR. 20	121.68
MAR. 20	122.99	JULY 20	118.94	DEC. 5	125.90	MAR. 25	121.39
MAR. 25	119.47	JULY 25	117.28	DEC. 10	124.98	MAR. 31	121.67
MAR. 28	117.38H	JULY 31	117.44	DEC. 15	125.76	APR. 5	121.44H
MAR. 31	118.49	AUG. 5	117.46	DEC. 20	125.87	APR. 15	124.70
APR. 5	117.09	AUG. 10	122.03	DEC. 25	121.28	APR. 26	124.65
APR. 10	114.87	AUG. 14	122.31H	DEC. 31	123.33	JUNE 4	128.33
APR. 15	115.84	AUG. 15	123.04	JAN. 5, 1976	123.54	JULY 9	131.86
APR. 20	115.39	AUG. 20	123.57	JAN. 7	124.03H	AUG. 18	133.78
APR. 25	116.03	AUG. 25	125.21	JAN. 10	123.10	SEP. 21	137.71
APR. 30	119.64						

302427091103901 LOCAL WELL NUMBER: EB-241

OWNER: LOUISIANA STATE UNIVERSITY. (SEC. 67, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 8 TO 4 IN, REPORTED DEPTH 933 FT, SCREENED INTERVAL UNKNOWN. MP TOP INSIDE EDGE OF MANHOLE FLANGE, 0.06 FT ABOVE LSD.
 LSD 37.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 31.60 ABOVE LSD, NOV. 1, 1932,
 LOWEST WATER LEVEL 33.24 BELOW LSD, APR. 16, 1976.
 RECORDS AVAILABLE 1932, 1963-67, 1969-70, 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 31, 1975	30.31	NOV. 3	32.92	APR. 16, 1976	33.24		

302238091102701 LOCAL WELL NUMBER: EB-242

OWNER: LOUISIANA STATE UNIVERSITY. (SEC. 74, T. 8S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN THE MISS. RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 173 FT, SCREENED INTERVAL UNKNOWN. MP TOP INSIDE EDGE OF 2-IN ELBOW ATOP 2-IN CASING, 2.80 FT ABOVE LSD.
 LSD 24.78 FT ABOVE MSL.
 HIGHEST WATER LEVEL 9.50 ABOVE LSD, APR. 16, 1973,
 LOWEST WATER LEVEL 21.26 BELOW LSD, DEC. 11, 1956.
 RECORDS AVAILABLE 1943, 1945-49, 1953-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 3, 1975	11.20	FEB. 13, 1976	7.03	APR. 16, 1976	4.12	JULY 12, 1976	11.74

303026091102201 LOCAL WELL NUMBER: EB-291

OWNER: UNITED GAS PIPE LINE CO. (SEC. 37, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 8 TO 6 IN, DEPTH 1,196 FT, SCREENED 1,135-1,196, MP LOWER EDGE OF 2-IN COLLAR WELDED ON 6-IN FLANGE, 1.80 FT ABOVE LSD.
 LSD 62.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 20.00 ABOVE LSD, JULY 20, 1927,
 LOWEST WATER LEVEL 176.20 BELOW LSD, OCT. 4, 1974.
 RECORDS AVAILABLE 1927, 1940, 1959, 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1975	142.84	FEB. 11, 1976	147.44	JUNE 14, 1976	154.00	AUG. 18, 1976	153.32
DEC. 4	152.18	MAR. 16	154.37	JULY 9	158.60	SEP. 21	158.95
JAN. 7, 1976	149.94	APR. 15	149.80				

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH

303026091113001 LOCAL WELL NUMBER: EB-297

OWNER: LOUISIANA DEPT. OF HIGHWAYS. (SEC. 37, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, DEPTH 1,940 FT, SCREENED 1,890-1,940. MP TOP OF 4-IN NIPPLE ATOP 4-IN CROSS, 2.20 FT ABOVE LSD.
 LSD 61.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 200.22 BELOW LSD, NOV. 7, 1967.
 LOWEST WATER LEVEL 336.23 BELOW LSD, AUG. 31, 1973.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1975	290.78	FEB. 11, 1976	297.90	APR. 26, 1976	303.46	JULY 9, 1976	311.70
DEC. 4	290.32	MAR. 16	301.20	APR. 30	303.59	AUG. 18	303.38
JAN. 7, 1976	298.43	APR. 15	305.05	JUNE 14	311.95	SEP. 21	308.52

302549091073101 LOCAL WELL NUMBER: EB-301

OWNER: P. C. WITTER. (IRREG. SEC. 91, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,281 FT, SCREENED 1,217-1,281. MP TOP OF 3-IN COLLAR ABOVE PLATE ON 4-IN TEE, 1.30 FT ABOVE LSD.
 LSD 53.45 FT ABOVE MSL.
 HIGHEST WATER LEVEL 35.00 ABOVE LSD, AUG. 19, 1926.
 LOWEST WATER LEVEL 97.65 BELOW LSD, JULY 12, 1976.
 RECORDS AVAILABLE 1926, 1943-44, 1946-49, 1953-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 22, 1975	89.58	JULY 15, 1975	90.58	FEB. 13, 1976	92.22	JULY 12, 1976	97.65
MAR. 31	88.34	NOV. 5	92.92	APR. 19	93.00		

303440090592702 LOCAL WELL NUMBER: EB-304

OWNER: LOUISIANA STATE HOSPITAL. (SEC. 49, T. 5S., R. 2E.) DRILLED INSTITUTIONAL ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 IN, DEPTH 1,725 FT, SCREENED 1,685-1,725. MP LOWER EDGE OF COLLAR ON 3/4-IN NIPPLE ON SIDE OF CASING, 1.45 FT ABOVE LSD.
 SINCE 04/28/76.
 LSD 67.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 81.00 ABOVE LSD, DEC. 19, 1941.
 LOWEST WATER LEVEL 53.30 BELOW LSD, APR. 28, 1976.
 RECORDS AVAILABLE 1941, 1943-46, 1949-51, 1954-70, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 19, 1941	81.00	MAR. 12, 1954	50.30	JAN. 15, 1958	31.40	SEP. 11, 1961	13.00
FEB. 24, 1943	71.50	JUNE 29	48.00	FEB. 13	31.80	DEC. 12	11.90
APR. 21	69.20	AUG. 9	46.80	APR. 2	31.50	MAR. 14, 1962	11.30
MAY 7	69.20	SEP. 9	46.80	MAY 8	30.30	MAY 15	11.40
MAY 19	69.80	OCT. 5	47.50	JUNE 3	31.00	AUG. 8	8.80
JUNE 2	70.40	NOV. 4	47.50	JULY 29	29.30	OCT. 10	7.40
JUNE 21	67.50	DEC. 13	48.40	SEP. 17	25.50	NOV. 6	6.60
JULY 16	69.80	FEB. 25, 1955	48.70	OCT. 8	26.30	FEB. 5, 1963	7.20
AUG. 5	69.20	MAR. 29	48.90	NOV. 5	24.80	MAY 10	6.00
AUG. 28	68.10	APR. 22	51.20	DEC. 3	24.60	AUG. 14	4.10
SEP. 23	67.50	MAY 25	50.30	JAN. 8, 1959	25.00	DEC. 12	4.60
OCT. 26	62.20	JUNE 10	47.30	FEB. 4	25.50	FEB. 11, 1964	1.80
NOV. 22	64.90	JULY 8	48.00	MAR. 4	25.10	MAY 6	2.32
DEC. 22	65.10	AUG. 8	47.40	APR. 4	24.10	MAR. 3, 1965	1.45
JAN. 24, 1944	64.90	SEP. 13	42.90	MAY 15	23.50	JUNE 10	4.05
FEB. 18	64.50	OCT. 12	35.30	JUNE 4	23.70	SEP. 16	6.45
MAR. 28	64.20	NOV. 23	35.30	JULY 9	23.00	DEC. 9	6.72
MAY 9	64.20	DEC. 21	35.30	JULY 29	22.60	MAR. 2, 1966	7.49
JUNE 16	64.40	JAN. 30, 1956	35.30	SEP. 1	22.80	JUNE 9	8.20
AUG. 21	61.00	MAR. 1	33.20	OCT. 6	23.00	SEP. 9	11.54
SEP. 25	62.60	APR. 20	35.80	NOV. 3	22.40	DEC. 21	13.68
NOV. 30	61.40	MAY 25	36.60	DEC. 8	21.80	SEP. 15, 1967	18.55
APR. 21, 1945	55.90	JULY 17	36.30	JAN. 7, 1960	22.30	DEC. 22	19.61
JULY 15	60.90	AUG. 23	35.90	FEB. 3	21.20	MAR. 5, 1968	20.06
JULY 21, 1946	60.50	OCT. 11	30.90	MAR. 3	21.00	JULY 18	23.25
NOV. 2, 1949	50.50	MAY 6, 1957	32.30	JUNE 10	17.50	APR. 25, 1969	28.16
MAR. 17, 1950	53.70	JULY 2	32.00	SEP. 13	16.50	OCT. 17	36.37
JUNE 14	56.00	SEP. 13	27.60	DEC. 6	14.10	JAN. 19, 1970	37.75
SEP. 14	53.70	NOV. 14	26.00	MAR. 7, 1961	16.50	MAR. 31	38.17
JULY 3, 1951	52.30	DEC. 17	30.00	JUNE 13	14.70	APR. 28, 1976	53.30

303441091074201 LOCAL WELL NUMBER: EB-322

OWNER: JOSEPH ROY BADEAUX. (SEC. 29, T. 5S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 1/2 TO 2 IN, DEPTH 1971 FT, SCREENED 1,931-1,971. MP TOP EDGE OF 2 1/2-IN CASING, 0.25 FT ABOVE LSD.

LSD 68.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 67.00 ABOVE LSD, DEC. 6, 1942.

LOWEST WATER LEVEL 67.78 BELOW LSD, JULY 8, 1976.

RECORDS AVAILABLE 1942-51, 1959, 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 22, 1975	67.05	JULY 14, 1975	65.58	FEB. 11, 1976	65.04	JULY 8, 1976	67.78
MAR. 31	66.31	OCT. 30	66.42	APR. 14	65.93		

302820091072401 LOCAL WELL NUMBER: EB-327

OWNER: SPEDALE ESTATE. (SEC. 73, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 IN, REPORTED DEPTH 1,236 FT, SCREENED 1,186-1,236. MP TOP OF 2-IN CASING EXTENSION, 1.40 FT ABOVE LSD.

LSD 55.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 100.10 BELOW LSD, FEB. 7, 1974.

LOWEST WATER LEVEL 115.50 BELOW LSD, JULY 24, 1974.

RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 22, 1975	107.19	JULY 14, 1975	103.70	FEB. 12, 1976	106.87	JULY 8, 1976	113.15
MAR. 28	102.27	NOV. 3	106.13	APR. 15	107.13		

302930091111301 LOCAL WELL NUMBER: EB-367

OWNER: GULF STATES UTILITIES CO. (SEC. 43, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 12 TO 8 IN, REPORTED DEPTH 2,061 FT, SCREENED 1,961-2,061. MP ARROW ON PLATE ABOVE CASING, 0.40 FT ABOVE LSD.

LSD 64.40 FT ABOVE MSL.

HIGHEST WATER LEVEL 5.00 BELOW LSD, JUNE 16, 1942.

LOWEST WATER LEVEL 372.20 BELOW LSD, AUG. 17, 1973.

RECORDS AVAILABLE 1942, 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 5, 1975	336.17	JUNE 20, 1975	310.20	DEC. 4, 1975	325.60H	MAY 5, 1976	333.50
JAN. 10	334.65	JUNE 25	308.58	DEC. 5	325.93	MAY 10	337.05
JAN. 15	342.82	JUNE 30	308.00	DEC. 10	326.20	MAY 15	334.30
JAN. 20	337.30H	JULY 5	308.90	DEC. 15	326.35	MAY 20	338.00
JAN. 25	335.49	JULY 10	309.65	DEC. 20	326.09	MAY 25	336.10
JAN. 31	335.98	JULY 15	312.85H	DEC. 25	331.20	MAY 31	338.30
FEB. 5	335.32	JULY 20	324.82	DEC. 31	328.30	JUNE 5	338.38
FEB. 10	332.97	JULY 25	335.60	JAN. 5, 1976	333.15	JUNE 10	339.08
FEB. 15	323.20	JULY 31	331.11	JAN. 7	332.93H	JUNE 14	343.32H
FEB. 20	321.85	AUG. 5	330.53	JAN. 10	337.47	JUNE 15	341.97
FEB. 21	321.37H	AUG. 10	327.00	JAN. 15	336.10	JUNE 20	343.26
FEB. 25	321.04	AUG. 14	325.57H	JAN. 20	337.18	JUNE 25	344.93
FEB. 28	322.70	AUG. 15	327.00	JAN. 25	336.60	JUNE 30	345.15
MAR. 5	320.21	AUG. 20	330.73	JAN. 31	336.32	JULY 5	341.07
MAR. 10	319.00	AUG. 25	328.69	FEB. 5	337.38	JULY 9	342.19H
MAR. 15	315.97	AUG. 31	329.38	FEB. 10	336.19	JULY 10	342.75
MAR. 20	315.78	SEP. 5	333.93	FEB. 12	338.12H	JULY 15	340.50
MAR. 25	313.34	SEP. 10	334.55	FEB. 15	338.32	JULY 20	340.45
MAR. 31	316.82H	SEP. 15	334.50	FEB. 20	339.85	JULY 25	344.78
APR. 5	321.10	SEP. 20	336.00	FEB. 25	334.62	JULY 31	342.00
APR. 10	317.83	SEP. 25	335.36	FEB. 29	332.79	AUG. 5	337.00
APR. 15	316.52	SEP. 30	335.20	MAR. 5	329.22	AUG. 10	340.55
APR. 20	316.69	OCT. 5	332.38	MAR. 10	329.20	AUG. 15	340.43
APR. 25	315.86	OCT. 9	334.30H	MAR. 15	330.39	AUG. 18	332.74H
APR. 30	313.49	OCT. 10	334.48	MAR. 16	331.43H	AUG. 20	333.12
MAY 5	310.59	OCT. 15	334.48	MAR. 20	328.25	AUG. 25	330.18
MAY 10	308.80	OCT. 20	332.15	MAR. 25	328.25	AUG. 31	328.95
MAY 13	306.93H	OCT. 25	330.04	MAR. 31	326.00	SEP. 5	328.35
MAY 15	303.85	OCT. 31	329.05H	APR. 5	328.93	SEP. 10	328.30
MAY 20	302.00	NOV. 5	327.25	APR. 10	333.30	SEP. 15	333.23
MAY 25	306.53	NOV. 10	328.93	APR. 15	331.57H	SEP. 20	334.04
MAY 31	307.60	NOV. 15	326.11	APR. 20	329.50	SEP. 21	332.24H
JUNE 5	312.22H	NOV. 20	326.14	APR. 25	330.85	SEP. 25	333.25
JUNE 10	313.65	NOV. 25	326.35	APR. 26	329.54H	SEP. 30	335.65
JUNE 15	311.91	NOV. 30	324.85	APR. 30	332.95		

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH

302619091104003 LOCAL WELL NUMBER: EB-434

OWNER: LOUISIANA DEPT. OF HIGHWAYS. (SEC. 49, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 8 TO 6 IN, REPORTED DEPTH 611 FT, SCREENED 551-611. MP 1/4-IN HOLE IN TOP OF CASING, 1.40 FT ABOVE LSD.
 LSD 45.44 FT ABOVE MSL.
 HIGHEST WATER LEVEL 73.15 BELOW LSD, APR. 16, 1976.
 LOWEST WATER LEVEL 125.57 BELOW LSD, OCT. 22, 1968.
 RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1975	91.30	MAY 21, 1975	75.14	NOV. 12, 1975	94.33	APR. 16, 1976	73.15
MAR. 31	84.06	JULY 14	92.16	FEB. 12, 1976	86.45	MAY 18	79.75
MAY 6	79.96	NOV. 3	94.90	APR. 13	76.10	JULY 12	92.25

303238091085701 LOCAL WELL NUMBER: EB-461

OWNER: J. L. GRANBERRY. (SEC. 97, T. 6 S., R. 1 E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN, REPORTED DEPTH 330 FT, SCREENED 310-330. MP TOP EDGE OF OPENING IN 4-X2-IN REDUCER, 0.75 FT ABOVE LSD.
 LSD 65.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 55.59 BELOW LSD, MAY 6, 1975.
 LOWEST WATER LEVEL 84.75 BELOW LSD, NOV. 15, 1968.
 RECORDS AVAILABLE 1947-48, 1959-75

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 27, 1975	63.49	MAR. 21, 1975	59.20	MAY 6, 1975	55.59	JULY 15, 1975	58.98
FEB. 28	60.16						

303408091075001 LOCAL WELL NUMBER: EB-468

OWNER: A. M. HOLDEN. (SEC. 53, T. 5 S., R. 1 E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, DEPTH 2,407 FT, SCREENED 2,319-2,407. MP TOP EDGE OF 3/4-IN HOLE IN SANITARY SEAL, 0.43 FT ABOVE LSD.
 LSD 73.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 71.60 ABOVE LSD, FEB. 27, 1948.
 LOWEST WATER LEVEL 52.47 BELOW LSD, JULY 8, 1976.
 RECORDS AVAILABLE 1948-51, 1953-67, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 22, 1975	47.64	JULY 14, 1975	47.57	FEB. 11, 1976	48.97	JULY 8, 1976	52.47
MAR. 26	46.21	OCT. 30	48.70	APR. 14	50.24		

302654091101101 LOCAL WELL NUMBER: EB-500

OWNER: DR. PEPPER-WRIGHT ROOT REEF BOTTLING CO. (SEC. 46, T. 7 S., R. 1 W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 6 IN, ESTIMATED DEPTH 710 FT, SCREENED 663-710. MP TOP OF 2-IN STEEL NIPPLE IN PVC EDUCTOR PIPE, 2.53 FT ABOVE LSD.
 LSD 57.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 90.74 BELOW LSD, MAY 21, 1975.
 LOWEST WATER LEVEL 145.67 BELOW LSD, OCT. 16, 1948.
 RECORDS AVAILABLE 1948, 1962, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 6, 1975	91.99	NOV. 18, 1975	110.49	APR. 13, 1976	92.80	MAY 14, 1976	95.12
MAY 21	90.74						

303115091113701 LOCAL WELL NUMBER: EB-517C

OWNER: SOUTHERN UNIVERSITY. (SEC. 50, T. 6S., R. 1W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 12 TO 8 IN, DEPTH 2,590 FT, SCREENED 2,510-2,590. MP TOP OF 3/4-IN HOLE IN SANITARY SEAL, 1.48 FT ABOVE LSD.
 LSD 67.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 64.70 ABOVE LSD, AUG. 21, 1953.
 LOWEST WATER LEVEL 47.59 BELOW LSD, JULY 8, 1976.
 RECORDS AVAILABLE 1953-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 30, 1975	44.24	FEB. 11, 1976	44.32	APR. 15, 1976	46.17	JULY 8, 1976	47.59

303047091112001 LOCAL WELL NUMBER: EB-538

OWNER: STAUFFER CHEMICAL CO. (SEC. 37, T. 6 S., R. 1 W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 12 TO 10 IN, DEPTH 540 FT, SCREENED 272-298,308-331,488-540, MP TOP OF METAL LINER AROUND CASTING, 2.00 FT ABOVE LSD, SINCE 5/16/74
 LSD 59.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 86.24 BELOW LSD, MAY 13, 1975,
 LOWEST WATER LEVEL 165.89 BELOW LSD, OCT. 16, 1952.
 RECORDS AVAILABLE 1952, 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1975	106.59	JULY 15, 1975	119.90	JAN. 7, 1976	106.25	JUNE 14, 1976	102.76
FEB. 21	98.69	AUG. 14	117.16	FEB. 11	106.49	JULY 9	113.02
MAR. 28	98.26	SEP. 30	121.04	MAR. 16	92.02	AUG. 18	126.02
MAY 13	86.24	OCT. 31	116.38	APR. 15	95.43	SEP. 21	131.12
JUNE 5	90.45	DEC. 4	109.62				

302149091101401 LOCAL WELL NUMBER: EB-575

OWNER: LOUISIANA STATE UNIVERSITY. (SEC. 68, T. 8S., R. 1W.) DRILLED IRRIGATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 12 TO 10 TO 6 IN, DEPTH 2,500 FT, SCREENED 2,440-2,500, MP CENTER LINE OF DISCHARGE PIPE, 3.40 FT ABOVE LSD.
 LSD 20.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 70.00 ABOVE LSD, MAY 1, 1955,
 LOWEST WATER LEVEL 15.70 ABOVE LSD, APR. 26, 1976.
 RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 3, 1975 +	16.50	APR. 16, 1976 +	16.20	APR. 26, 1976 +	15.70		

303904091093102 LOCAL WELL NUMBER: EB-578B

OWNER: TOWN OF ZACHARY. (SEC. 81, T. 4 S., R. 1W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 10 TO 6 TO 4 1/2 IN, DEPTH 2,132 FT, SCREENED 2,052-2,132, MP TOP INSIDE EDGE OF VALVE, 1.77 FT ABOVE LSD.
 LSD 103.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 9.00 ABOVE LSD, OCT. 17, 1957,
 LOWEST WATER LEVEL 79.27 BELOW LSD, JULY 8, 1976.
 RECORDS AVAILABLE 1957, 1960, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 15, 1975	73.82	JULY 14, 1975	74.56	FEB. 11, 1976	76.59	JULY 8, 1976	79.27
MAY 12	74.09	OCT. 28	75.97	APR. 14	77.03		

303440090592703 LOCAL WELL NUMBER: EB-581

OWNER: LOUISIANA STATE HOSPITAL. (SEC. 49, T. 5S., R. 2E.) DRILLED INSTITUTIONAL ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 8 TO 6 IN, DEPTH 2590 FT, SCREENED 2540-2590, MP TOP OF 1-IN PIPE ON SIDE OF 8-IN CASING, 1.90 FT ABOVE LSD.
 LSD 67.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 54.40 ABOVE LSD, MAY 25, 1956,
 LOWEST WATER LEVEL 25.75 BELOW LSD, JULY 9, 1976.
 RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1975	24.73	FEB. 10, 1976	23.77	APR. 14, 1976	23.57	JULY 9, 1976	25.75

304141090585301 LOCAL WELL NUMBER: EB-647

OWNER: EAST BATON ROUGE PARISH. (SEC. 14, T. 4S., R. 2E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 TO 4 IN, DEPTH 1,950 FT, SCREENED 1,910-1,950, MP BOTTOM EDGE OF 3/4-IN COLLAR WELDED ON SIDE CASING, 1.28 FT ABOVE LSD.
 LSD 107.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 15.20 ABOVE LSD, JAN. 7, 1958,
 LOWEST WATER LEVEL 68.94 BELOW LSD, APR. 14, 1976.
 RECORDS AVAILABLE 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 25, 1975	65.49	OCT. 28	66.32	APR. 14, 1976	68.94		

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH

303154091083901 LOCAL WELL NUMBER: EB-652

OWNER: GREATER BATON ROUGE AIRPORT. (SEC. 90, T. 6S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,345 FT, SCREENED 1,264-1,345. MP BREATHER PIPE HOLE IN SANITARY SEAL, 0.43 FT ABOVE LSD.
 LSD 68.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 45.42 BELOW LSD, APR. 29, 1958,
 LOWEST WATER LEVEL 127.35 BELOW LSD, JULY 8, 1976.
 RECORDS AVAILABLE 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 30, 1975	122.55	MAR. 12, 1976	121.86	APR. 26, 1976	121.21	JULY 8, 1976	127.35
FEB. 11, 1976	122.37	APR. 15	123.35				

303350091100901 LOCAL WELL NUMBER: EB-685

OWNER: BATON ROUGE RECREATION AND PARK COMMISSION. (SEC. 53, T. 5S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,700-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 6 TO 3 IN, DEPTH 1,640 FT, SCREENED 1,580-1,640. MP HOLE IN CENTER OF 6-IN PLUG ATOP CASING, 1.73 FT ABOVE LSD.
 LSD 65.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 48.95 BELOW LSD, APR. 30, 1959,
 LOWEST WATER LEVEL 184.37 BELOW LSD, NOV. 15, 1972.
 RECORDS AVAILABLE 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 15, 1975	174.89	JULY 14, 1975	160.25	FEB. 11, 1976	174.97	JULY 8, 1976	174.35
MAR. 27	166.57	OCT. 30	169.02	APR. 14	170.46		

302509091082701 LOCAL WELL NUMBER: EB-778

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,586 FT, SCREENED 2,581-2,586. MP CENTER LINE OF DISCHARGE PIPE, 3.14 FT ABOVE LSD.
 LSD 28.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 40.10 ABOVE LSD, MAR. 16, 1965,
 LOWEST WATER LEVEL 7.10 ABOVE LSD, JULY 12, 1976.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 22, 1975	10.70	JULY 14, 1975	9.50	FEB. 13, 1976	8.00	MAY 14, 1976	8.10
MAR. 31	11.10	NOV. 5	7.78	APR. 19	8.00	JULY 12	7.10
MAY 19	11.90	NOV. 14	8.40	APR. 26	7.60		

302509091082702 LOCAL WELL NUMBER: EB-780A

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,622 FT, SCREENED 1,617-1,622. MP HOLE IN SANITARY SEAL, 2.24 FT ABOVE LSD.
 LSD 28.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 2.26 ABOVE LSD, JAN. 12, 1966,
 LOWEST WATER LEVEL 24.07 BELOW LSD, JULY 12, 1976.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 22, 1975	19.67	JULY 14, 1975	19.86	NOV. 14, 1975	22.09	APR. 19, 1976	22.16
MAR. 31	19.41	NOV. 5	21.89	FEB. 13, 1976	21.50	JULY 12	24.07

302509091082703 LOCAL WELL NUMBER: EB-780B

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,913 FT, SCREENED 1,908-1,913. MP TOP EDGE OF 2-IN LINER, 2.41 FT ABOVE LSD.
 LSD 28.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 8.58 ABOVE LSD, APR. 23, 1965,
 LOWEST WATER LEVEL 18.00 BELOW LSD, JULY 12, 1976.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 22, 1975	14.15	NOV. 5, 1975	16.63	FEB. 13, 1976	16.51	APR. 26, 1976	16.97
MAR. 31	13.86	NOV. 14	16.87	APR. 19	16.62	JULY 12	18.00
JULY 14	15.31						

302535091090401 LOCAL WELL NUMBER: EB-781

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,286 FT, SCREENED 2,282-2,286, MP TOP EDGE OF 4-IN NIPPLE, 2.0 FT ABOVE LSD.
 LSD 28.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 119.12 BELOW LSD, MAR. 15, 1966.
 LOWEST WATER LEVEL 241.60 BELOW LSD, AUG. 14, 1973.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 31, 1975	213.00	NOV. 13, 1975	224.15	APR. 19, 1976	220.14	MAY 20, 1976	222.40
JULY 15	210.44	DEC. 9	216.62	APR. 26	221.53	JULY 12	230.92
NOV. 5	222.56	FEB. 13, 1976	224.63				

302535091090402 LOCAL WELL NUMBER: EB-782A

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,000-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,189 FT, SCREENED 1,184-1,189, MP TOP EDGE OF 3/8-IN HOLE IN CAP, 2.0 FT ABOVE LSD.
 LSD 28.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 18.54 BELOW LSD, MAY 19, 1975.
 LOWEST WATER LEVEL 23.93 BELOW LSD, OCT. 17, 1972.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1975	21.32	JULY 15, 1975	18.62	FEB. 13, 1976	21.55	MAY 19, 1976	21.46
MAR. 31	19.69	NOV. 5	20.71	APR. 19	19.52	JULY 12	22.42
MAY 19	18.54	NOV. 13	20.92				

302535091090403 LOCAL WELL NUMBER: EB-782B

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 IN, DEPTH 1,681 FT, SCREENED 1,676-1,681, MP TOP EDGE OF 5/8-IN PIPE IN CAP, 2.0 FT ABOVE LSD.
 LSD 28.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 49.35 BELOW LSD, JAN. 20, 1966.
 LOWEST WATER LEVEL 109.10 BELOW LSD, JULY 12, 1976.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1975	97.72	JULY 15, 1975	100.17	FEB. 13, 1976	103.11	MAY 19, 1976	104.88
MAR. 31	98.50	NOV. 5	103.51	APR. 19	102.37	JULY 12	109.10
MAY 19	100.04	NOV. 13	103.18	APR. 26	104.23		

302502091113601 LOCAL WELL NUMBER: EB-783A

OWNER: U. S. GEOL. SURVEY. (SEC. 54, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, DEPTH 2,179 FT, SCREENED 2,174-2,179, MP TOP OF VERTICAL ARM 4-IN TEE, 1.80 FT ABOVE LSD.
 LSD 26.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 16.20 ABOVE LSD, MAR. 1, 1966.
 LOWEST WATER LEVEL 42.49 BELOW LSD, NOV. 14, 1975.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 22, 1975	31.87	JULY 14, 1975	41.52	FEB. 13, 1976	36.62	MAY 30, 1976	37.49
MAR. 31	35.10	NOV. 3	41.41	APR. 16	36.89	JULY 12	36.83
MAY 22	35.99	NOV. 14	42.49	APR. 26	38.13		

302502091113602 LOCAL WELL NUMBER: EB-783B

OWNER: U. S. GEOL. SURVEY. (SEC. 54, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 IN, DEPTH 2,675 FT, SCREENED 2,670-2,675, MP TOP OF 2-IN LINER, 2.56 FT ABOVE LSD.
 LSD 26.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 54.90 ABOVE LSD, MAR. 1, 1966.
 LOWEST WATER LEVEL 22.59 BELOW LSD, JULY 19, 1974.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 22, 1975	21.98	JULY 15, 1975	18.90	FEB. 13, 1976	16.66	MAY 20, 1976	19.72
MAR. 31	13.48	NOV. 3	17.98	APR. 16	18.83	JULY 12	21.94
MAY 22	17.77	NOV. 14	20.09	APR. 26	20.99	AUG. 31	0.31

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH

302511091070401 LOCAL WELL NUMBER: EB-789A

OWNER: U. S. GEOL. SURVEY. (SEC. 93, T. 75., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 711 FT, SCREENED 707-711. MP HOLE IN SANITARY SEAL, 0.61 FT ABOVE LSD.
 LSD 37.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 10.89 BELOW LSD, MAY 6, 1975.
 LOWEST WATER LEVEL 33.02 BELOW LSD, NOV. 14, 1966.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 22, 1975	19.68	JULY 15, 1975	19.37	APR. 13, 1976	19.10	JULY 12, 1976	26.53
APR. 1	13.30	NOV. 5	26.34	APR. 19	19.35	SEP. 9	31.19
MAY 6	10.89	NOV. 18	26.82	MAY 19	22.63	SEP. 30	32.17
MAY 21	11.50	FEB. 13, 1976	22.36				

302511091070402 LOCAL WELL NUMBER: EB-789B

OWNER: U. S. GEOL. SURVEY. (SEC. 93, T. 75., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,721 FT, SCREENED 1,717-1,721. MP TOP OF 2-IN LINER, 0.88 FT ABOVE LSD.
 LSD 37.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 6.15 BELOW LSD, MAR. 4, 1966.
 LOWEST WATER LEVEL 29.91 BELOW LSD, MAY 19, 1976.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 1, 1975	26.42	NOV. 5, 1975	28.98	APR. 19, 1976	29.47	MAY 19, 1976	29.91
MAY 21	26.42	NOV. 18	29.02	APR. 26	29.81		

302605091080602 LOCAL WELL NUMBER: EB-792B

OWNER: U. S. GEOL. SURVEY. (SEC. 95, T. 75., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,286 FT, SCREENED 2,282-2,286. MP TOP OF AIRLINE IN 2-IN LINER, 2.39 FT ABOVE LSD.
 LSD 45.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 121.92 BELOW LSD, MAR. 28, 1966.
 LOWEST WATER LEVEL 239.60 BELOW LSD, JULY 27, 1973.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1975	223.84	NOV. 5, 1975	223.18	MAR. 12, 1976	221.94	APR. 26, 1976	221.91
MAR. 31	214.17	NOV. 20	225.15	APR. 19	220.85	JULY 12	230.86
JULY 15	210.84	FEB. 13, 1976	224.86				

302719091103201 LOCAL WELL NUMBER: EB-793

OWNER: U. S. GEOL. SURVEY. (SEC. 95, T. 75., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 687 FT, SCREENED 683-687. MP TOP EDGE OF 3/8-IN HOLE IN CAP, 1.28 FT ABOVE LSD.
 LSD 35.30 FT ABOVE MSL.
 HIGHEST WATER LEVEL 69.33 BELOW LSD, MAY 20, 1975.
 LOWEST WATER LEVEL 121.55 BELOW LSD, OCT. 21, 1968.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 3, 1975	88.43	FEB. 12, 1976	80.19	MAY 17, 1976	73.00	AUG. 18, 1976	96.09
NOV. 11	91.30	MAR. 16	70.89	MAY 24	72.41	SEP. 2	97.68
DEC. 4	85.77	APR. 13	70.69	JUNE 4	72.84	SEP. 21	98.47
JAN. 7, 1976	80.88	APR. 15	71.57	JULY 12	86.47		

302559091110801 LOCAL WELL NUMBER: EB-794

OWNER: U. S. GEOL. SURVEY. (SEC. 52, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2709 FT, SCREENED 2,705-2,709. MP TOP EDGE OF 3/4-IN PVC AIRLINE, 3.0 FT ABOVE LSD.
 LSD 51.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 113.28 BELOW LSD, JULY 27, 1965.
 LOWEST WATER LEVEL 198.00 BELOW LSD, JULY 19, 1974.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 3, 1975	187.69	FEB. 12, 1976	182.00	MAY 18, 1976	179.58	MAY 24, 1976	180.14
NOV. 10	188.02	APR. 16	176.41	MAY 20	180.48	JULY 12	192.64

302306091022601 LOCAL WELL NUMBER: EB-803A

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 8S., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,975 FT, SCREENED 1,971-1,975. MP TOP EDGE OF 3/8-IN OPENING IN BUSHING IN SANITARY SEAL, 2.11 FT ABOVE LSD.
 SINCE 9/26/74
 LSD 27.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 15.30 ABOVE LSD, MAY 18, 1966.
 LOWEST WATER LEVEL 9.48 BELOW LSD, MAY 26, 1976.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 1, 1975	0.91	NOV. 17, 1975	2.11	APR. 19, 1976	0.86	MAY 21, 1976	6.03
MAY 22	1.09	DEC. 15	0.09	APR. 26	5.12	MAY 26	9.48
NOV. 5	4.26						

302306091022602 LOCAL WELL NUMBER: EB-803B

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 8S., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,565 FT, SCREENED 2,561-2,565. MP TOP EDGE OF 4-IN TEE, 1.65 FT ABOVE LSD, SINCE 9/26/74
 LSD 27.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 53.10 ABOVE LSD, APR. 4, 1966.
 LOWEST WATER LEVEL 26.60 ABOVE LSD, NOV. 17, 1975.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 1, 1975	29.20	NOV. 5, 1975	28.20	APR. 19, 1976	28.20	MAY 21, 1976	27.60
MAY 22	29.20	NOV. 17	26.60	APR. 26	28.00		

302428091035001 LOCAL WELL NUMBER: EB-804A

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 70, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-1,700-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,950 FT, SCREENED 1,946-1,950. MP TOP OF 3/8-IN HOLE IN CAP, 2.80 FT ABOVE LSD.
 LSD 46.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 44.34 BELOW LSD, JUNE 9, 1967.
 LOWEST WATER LEVEL 86.15 BELOW LSD, NOV. 5, 1975.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 1, 1975	83.70	NOV. 14, 1975	86.03	APR. 19, 1976	84.23	APR. 26, 1976	85.29
NOV. 5	86.15						

302428091035002 LOCAL WELL NUMBER: EB-804B

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 70, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,762 FT, SCREENED 2,758-2,762. MP TOP OF 2-IN CASING, 2.67 FT ABOVE LSD.
 LSD 46.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 32.45 BELOW LSD, MAY 6, 1966, MAY 18, 1966.
 LOWEST WATER LEVEL 88.20 BELOW LSD, OCT. 30, 1973.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 1, 1975	83.13	NOV. 5, 1975	84.99	NOV. 14, 1975	84.96	APR. 19, 1976	81.49

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH

302428091035003 LOCAL WELL NUMBER: EB-805.

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 70, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,000-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1.072 FT, SCREENED 1.068-1.072. MP TOP OF 1/2-IN HOLE IN CAP, 1.25 FT ABOVE LSD.
 LSD 46.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 40.04 BELOW LSD, JUNE 9, 1967.
 LOWEST WATER LEVEL 52.98 BELOW LSD, OCT. 24, 1974.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 1, 1975	48.30	NOV. 5, 1975	50.82	APR. 19, 1976	49.56	MAY 20, 1976	50.00
MAY 20	46.40	NOV. 14	50.89				

302702091103902 LOCAL WELL NUMBER: EB-806B

OWNER: U. S. GEOL. SURVEY. (CORNER OF LAUREL AND 12TH, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2.579 FT, SCREENED 2.575-2.579. MP TOP OF 4-IN CASING, 1.40 FT ABOVE LSD.
 LSD 46.50 FT ABOVE MSL.
 HIGHEST WATER LEVEL 119.03 BELOW LSD, MAY 19, 1966.
 LOWEST WATER LEVEL 195.35 BELOW LSD, NOV. 1, 1973.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 22, 1975	188.23	JULY 14, 1975	183.65	NOV. 19, 1975	184.24	APR. 15, 1976	175.30
MAR. 28	182.48	NOV. 3	186.27	FEB. 12, 1976	180.67	JULY 9	191.88
MAY 16	178.97						

302611091091201 LOCAL WELL NUMBER: EB-807A

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 96, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1.713 FT, SCREENED 1.709-1.713. MP TOP OF 3/8-IN HOLE IN CAP, 2.50 FT ABOVE LSD.
 LSD 32.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 63.76 BELOW LSD, APR. 24, 1969.
 LOWEST WATER LEVEL 118.50 BELOW LSD, JULY 12, 1976.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1975	106.86	JULY 15, 1975	109.10	DEC. 10, 1975	112.54	APR. 26, 1976	112.89
MAR. 31	107.40	NOV. 5	112.48	FEB. 13, 1976	112.05	MAY 19	113.50
MAY 20	109.84	NOV. 13	112.12	APR. 19	111.11	JULY 12	118.50

302611091091202 LOCAL WELL NUMBER: EB-807B

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 96, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2.264 FT, SCREENED 2.260-2.264. MP TOP OF 3/8-IN HOLE IN CAP, 2.50 FT ABOVE LSD.
 LSD 32.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 132.14 BELOW LSD, MAY 19, 1966.
 LOWEST WATER LEVEL 249.90 BELOW LSD, JULY 27, 1973.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1975	228.40	NOV. 5, 1975	227.60	APR. 19, 1976	223.07	MAY 20, 1976	228.83
MAR. 31	217.82	NOV. 17	227.30	APR. 26	226.60	JULY 12	236.46
JULY 15	215.75	FEB. 13, 1976	229.73				

302425091062301 LOCAL WELL NUMBER: EB-815

OWNER: LOUISIANA STATE UNIVERSITY. (SEC. 52, T. 7S., R. 1E.) DRILLED IRRIGATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 8 IN, DEPTH 645 FT, SCREENED 565-645. MP TOP EDGE OF HOLE IN PUMP BASE, 0.70 FT ABOVE LSD.
 LSD 29.05 FT ABOVE MSL.
 HIGHEST WATER LEVEL 2.84 BELOW LSD, MAY 6, 1975.
 LOWEST WATER LEVEL 22.79 BELOW LSD, OCT. 23, 1967.
 RECORDS AVAILABLE 1967-68, 1970, 1972-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 6, 1975	2.84	MAR. 12, 1976	11.64	APR. 13, 1976	10.88		

302501091101201 LOCAL WELL NUMBER: EB-818

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 67, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 615 FT, SCREENED 609-615. MP TOP EDGE OF 2-IN CASING, 0.48 FT ABOVE LSD.
 LSD 25.59 FT ABOVE MSL.
 HIGHEST WATER LEVEL 6.60 ABOVE LSD, APR. 27, 1973.
 LOWEST WATER LEVEL 23.50 BELOW LSD, OCT. 23, 1968.
 RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 22, 1975	6.45	NOV. 3, 1975	15.55	APR. 16, 1976	6.47	SEP. 9, 1976	19.85
MAY 6	0.43	FEB. 12, 1976	10.38	JULY 12	15.22	SEP. 30	20.41
JULY 15	8.52	APR. 13	6.26				

302501091101202 LOCAL WELL NUMBER: EB-819

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 67, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND (SHALLOW PLEISTOCENE SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 322 FT, SCREENED 316-322. MP TOP OF CASING, 0.59 FT ABOVE LSD.
 LSD 25.68 FT ABOVE MSL.
 HIGHEST WATER LEVEL 9.60 ABOVE LSD, APR. 16, 1973; APR. 17, 1973.
 LOWEST WATER LEVEL 20.40 BELOW LSD, OCT. 23, 1968.
 RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 22, 1975	1.83	JULY 15, 1975	7.61	FEB. 12, 1976	8.18	APR. 16, 1976	4.31
APR. 1	5.38	NOV. 3	9.34	APR. 13	3.91	JULY 12	12.18
MAY 6	4.84						

302510091105001 LOCAL WELL NUMBER: EB-820

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 54, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND (SHALLOW PLEISTOCENE SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 259 FT, SCREENED 253-259. MP TOP OF CASING, 0.71 FT ABOVE LSD.
 LSD 22.24 FT ABOVE MSL.
 HIGHEST WATER LEVEL 13.40 ABOVE LSD, MAY 16, 1973.
 LOWEST WATER LEVEL 17.74 BELOW LSD, OCT. 23, 1968.
 RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 22, 1975	1.87	JULY 15, 1975	5.09	FEB. 12, 1976	4.34	APR. 16, 1976	1.18
MAR. 31	8.70	NOV. 3	7.94	APR. 13	0.83	JULY 12	8.72
MAY 6	8.10	DEC. 8	10.73				

302510091105003 LOCAL WELL NUMBER: EB-822

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 54, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 573 FT, SCREENED 567-573. MP TOP OF CASING, 0.50 FT ABOVE LSD.
 LSD 22.60 FT ABOVE MSL.
 HIGHEST WATER LEVEL 10.60 ABOVE LSD, MAY 16, 1973.
 LOWEST WATER LEVEL 19.48 BELOW LSD, OCT. 23, 1968.
 RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 22, 1975	5.16	JULY 15, 1975	5.86	FEB. 12, 1976	7.76	JULY 12, 1976	11.17
APR. 1	6.45	NOV. 3	11.40	APR. 13	5.15	SEP. 9	18.10
MAY 6	6.16	DEC. 8	12.90	APR. 16	2.81	SEP. 30	18.80

302553091092001 LOCAL WELL NUMBER: EB-824

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 96, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 581 FT, SCREENED 575-581. MP TOP OF CASING, 0.50 FT ABOVE LSD.
 LSD 33.56 FT ABOVE MSL.
 HIGHEST WATER LEVEL 50.49 BELOW LSD, MAY 6, 1975.
 LOWEST WATER LEVEL 90.29 BELOW LSD, OCT. 23, 1968.
 RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1975	63.13	JULY 14, 1975	61.17	FEB. 13, 1976	59.27	APR. 19, 1976	52.94
MAR. 31	55.97	NOV. 5	65.73	APR. 13	51.61	JULY 12	63.40
MAY 6	50.49						

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH

302553091092002 LOCAL WELL NUMBER: EB-825

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 96, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 475 FT, SCREENED 469-475. MP TOP OF CASING, 0.50 FT ABOVE LSD.
 LSD 33.57 FT ABOVE MSL.
 HIGHEST WATER LEVEL 32.57 BELOW LSD, MAY 6, 1975.
 LOWEST WATER LEVEL 63.45 BELOW LSD, NOV. 8, 1968.
 RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1975	41.77	JULY 14, 1975	36.58	FEB. 13, 1976	38.50	APR. 19, 1976	34.59
MAR. 31	35.45	NOV. 5	42.96	APR. 13	34.46	JULY 12	38.37
MAY 6	32.57						

303023091075601 LOCAL WELL NUMBER: EB-826

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 40, T. 6S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 350 FT, SCREENED 344-350. MP TOP OF CASING, 0.50 FT ABOVE LSD.
 LSD 56.77 FT ABOVE MSL.
 HIGHEST WATER LEVEL 55.40 BELOW LSD, MAY 6, 1975.
 LOWEST WATER LEVEL 103.18 BELOW LSD, NOV. 1, 1968.
 RECORDS AVAILABLE 1967-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1975	59.19	APR. 28, 1975	55.75	MAY 6, 1975	55.40	JULY 15, 1975	62.68
MAR. 31	59.09						

303356091095301 LOCAL WELL NUMBER: EB-827

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 54, T. 5S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 370 FT, SCREENED 364-370. MP TOP OF CASING, 0.50 FT ABOVE LSD.
 LSD 63.96 FT ABOVE MSL.
 HIGHEST WATER LEVEL 42.15 BELOW LSD, MAY 23, 1973.
 LOWEST WATER LEVEL 68.13 BELOW LSD, NOV. 1, 1968.
 RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 27, 1975	52.23	MAY 2, 1975	42.93	JULY 15, 1975	48.99	APR. 13, 1976	48.11

303912091150801 LOCAL WELL NUMBER: EB-849

OWNER: GEORGIA PACIFIC CORP. (SEC. 31, T. 4S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND OF MIO-PLIOCENE AGE, DIAM 6 IN, DEPTH 1,380 FT, SCREENED 1,250-1,270, 1,350-1,380. MP TOP OF CASING, 1.70 FT ABOVE LSD.
 LSD 91.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 47.79 BELOW LSD, FEB. 22, 1966.
 LOWEST WATER LEVEL 128.27 BELOW LSD, SEP. 27, 1974.
 RECORDS AVAILABLE 1966, 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 13, 1975	120.10	JULY 10, 1975	118.13	FEB. 9, 1976	114.33	JULY 6, 1976	120.69
MAR. 27	115.08	OCT. 28	123.18	APR. 12	120.84		

302919091020601 LOCAL WELL NUMBER: EB-866

OWNER: SOUTH CENTRAL BELL TEL. CO. (SEC. 52, R. 6S., R. 2E.) DRILLED COMMERCIAL ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 400 FT, SCREENED 380-400. MP HOLE IN SANITARY SEAL, 0.85 FT ABOVE LSD.
 LSD 49.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 28.85 BELOW LSD, NOV. 4, 1975.
 LOWEST WATER LEVEL 38.60 BELOW LSD, OCT. 21, 1970.
 RECORDS AVAILABLE 1970, 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1975	32.19	MAY 6, 1975	30.00	NOV. 4, 1975	28.85	APR. 15, 1976	30.54
MAR. 21	31.35	JULY 17	29.69				

302729091100601 LOCAL WELL NUMBER: EB-870

OWNER: U. S. GEOL. SURVEY. (SEC. 44, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 692 FT, SCREENED 687-692. MP TOP OF CASING, AT LSD.
 LSD 50.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 90.23 BELOW LSD, MAY 20, 1975.
 LOWEST WATER LEVEL 142.48 BELOW LSD, OCT. 5, 1971.
 RECORDS AVAILABLE 1971-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1975	109.25	JUNE 5, 1975	91.40	DEC. 4, 1975	106.26	JUNE 4, 1976	93.73
FEB. 21	101.35	JULY 15	112.60	JAN. 7, 1976	101.77	JULY 9	109.53
MAR. 28	101.36	AUG. 14	112.19	FEB. 12	101.61	AUG. 18	120.78
MAY 6	91.28	SEP. 30	113.95	APR. 13	91.40	SEP. 2	122.35
MAY 13	90.42	OCT. 31	111.43	APR. 15	92.65	SEP. 21	123.08
MAY 20	90.23	NOV. 11	110.47	MAY 14	93.65		

303905090583301 LOCAL WELL NUMBER: EB-896

OWNER: U. S. GEOL. SURVEY (SEC. 51, T. 4S., R. 2E.) AUGURED OBSERVATION ARTESIAN WELL IN SAND ("400 FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 73 FT, SCREENED 70-73 FT. MP TOP OF 1 1/4-IN CASING, 3.92 FT ABOVE LSD.
 LSD 82.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 15.17 BELOW LSD, APR. 22, 1974.
 LOWEST WATER LEVEL 17.85 BELOW LSD, DEC. 12, 1972.
 RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1975	15.88	APR. 13, 1976	15.78	APR. 14, 1976	15.81	JULY 6, 1976	16.48
FEB. 10, 1976	15.93						

302614091083001 LOCAL WELL NUMBER: EB-917

OWNER: U. S. GEOL. SURVEY. (SEC. 95, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,736 FT, SCREENED 1,731-1,736. MP TOP OF 4-IN CASING, AT LSD.
 LSD 50.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 117.15 BELOW LSD, DEC. 12, 1973.
 LOWEST WATER LEVEL 130.11 BELOW LSD, JULY 12, 1976.
 RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 12, 1973	117.15	MAY 20, 1975	121.14	NOV. 13, 1975	128.10	APR. 26, 1976	124.17
JULY 19, 1974	126.10	JULY 14	120.90	FEB. 13, 1976	123.90	MAY 21	128.13
JAN. 21, 1975	118.64	SEP. 3	123.55	MAR. 12	120.93	JULY 12	130.11
MAR. 31	119.00	NOV. 5	124.35	MAR. 16	123.45		

302547091074401 LOCAL WELL NUMBER: EB-918

OWNER: U. S. GEOL. SURVEY. (SEC. 91, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,834 FT, SCREENED 1,829-1,834. MP TOP EDGE OF 4-IN COLLAR, AT LSD.
 LSD 40.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 103.15 BELOW LSD, DEC. 12, 1973.
 LOWEST WATER LEVEL 119.15 BELOW LSD, JULY 12, 1976.
 RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 12, 1973	103.15	MAY 19, 1975	109.55	NOV. 17, 1975	113.43	APR. 26, 1976	114.01
SEP. 26, 1974	112.62	JULY 14	110.02	FEB. 13, 1976	112.64	MAY 17	113.21
JAN. 22, 1975	107.64	NOV. 5	112.87	APR. 19	111.33	JULY 12	119.15
MAR. 31	108.60						

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH

302955091060601 LOCAL WELL NUMBER: EB-933

OWNER: U. S. GEOL. SURVEY. (SEC. 50, T. 6S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 603 FT, SCREENED 592-603. MP TOP OF 2-IN CASING, 1.30 FT ABOVE LSD.
 LSD 51.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 52.45 BELOW LSD, MAY 22, 1975.
 LOWEST WATER LEVEL 66.01 BELOW LSD, OCT. 25, 1974.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JULY 9, 1974	60.64	MAR. 21, 1975	56.26	JULY 14, 1975	55.76	MAR. 12, 1976	54.49
JULY 30	62.07	MAY 6	53.07	JULY 17	56.58	APR. 14	52.69
OCT. 25	66.01	MAY 19	52.56	OCT. 31	59.80	APR. 15	52.77
FEB. 28, 1975	57.04	MAY 22	52.45	FEB. 12, 1976	56.60	JULY 8	56.21

302955091060501 LOCAL WELL NUMBER: EB-934

OWNER: U. S. GEOL. SURVEY. (SEC. 50, T. 6S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 385 FT, SCREENED 372-385. MP TOP OF 2-IN CASING, 1.10 FT ABOVE LSD.
 LSD 51.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 40.08 BELOW LSD, MAY 22, 1975.
 LOWEST WATER LEVEL 49.35 BELOW LSD, OCT. 25, 1974.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JULY 9, 1974	44.20	MAY 6, 1975	40.34	JULY 17, 1975	41.59	APR. 14, 1976	40.93
OCT. 25	49.35	MAY 22	40.08	OCT. 31	45.40	APR. 15	40.90
FEB. 28, 1975	43.39	JULY 14	40.98	FEB. 12, 1976	43.16	JULY 8	41.81
MAR. 21	42.56						

302932091101901 LOCAL WELL NUMBER: EB-944

OWNER: U. S. GEOL. SURVEY. (SEC. 43, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, DEPTH 2,792 FT, SCREENED 2,782-2,792. MP TOP INSIDE EDGE OF SIDE OPENING OF 2-IN "T" ON LINER PIPE, 1.63 FT ABOVE LSD.
 LSD 59.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 33.53 BELOW LSD, FEB. 4, 1975.
 LOWEST WATER LEVEL 41.42 BELOW LSD, AUG. 26, 1976.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 4, 1975	33.53	DEC. 24, 1975	36.14	MAR. 19, 1976	36.24	JULY 2, 1976	38.47
APR. 28	34.19	DEC. 31	35.82	MAR. 26	36.06	JULY 9	38.67
AUG. 5	34.72	JAN. 7, 1976	35.79	APR. 2	36.47	JULY 16	39.26
AUG. 14	34.99	JAN. 9	36.10	APR. 9	36.75	JULY 23	40.44
SEP. 12	35.28	JAN. 16	35.47	APR. 15	36.90	JULY 30	39.64
SEP. 25	35.10	JAN. 23	35.81	APR. 23	37.20	AUG. 4	39.52
OCT. 3	35.58	JAN. 30	35.81	APR. 30	37.17	AUG. 12	40.68
OCT. 17	35.66	FEB. 6	35.83	MAY 7	37.31	AUG. 18	41.20
OCT. 23	35.76	FEB. 12	35.74	MAY 14	36.95	AUG. 19	41.29
OCT. 31	35.71	FEB. 13	35.76	MAY 21	36.53	AUG. 26	41.42
NOV. 3	35.82	FEB. 20	35.85	MAY 28	37.15	SEP. 2	40.20
NOV. 14	35.86	FEB. 27	35.45	JUNE 4	37.82	SEP. 9	40.07
NOV. 26	35.69	MAR. 5	35.79	JUNE 14	38.10	SEP. 15	39.98
DEC. 4	35.84	MAR. 12	35.26	JUNE 18	38.38	SEP. 23	39.73
DEC. 11	35.62	MAR. 16	36.07	JUNE 25	38.66	SEP. 30	39.72
DEC. 19	36.13						

EAST BATON ROUGE PARISH

302932091101902 LOCAL WELL NUMBER: EB-945

OWNER: U. S. GEOL. SURVEY. (SEC. 43, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 654 FT, SCREENED 644-654. MP TOP INSIDE EDGE OF SIDE OPENING OF 2-IN TEE ON LINER PIPE, 2.27 FT ABOVE LSD.
 LSD 59.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 107.08 BELOW LSD, MAR. 19, 1976.
 LOWEST WATER LEVEL 158.05 BELOW LSD, AUG. 26, 1976.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 28, 1975	114.77	DEC. 31, 1975	132.31	APR. 2, 1976	109.74	JULY 9, 1976	143.73
AUG. 5	145.99	JAN. 7, 1976	127.76	APR. 9	118.65	JULY 16	147.25
AUG. 14	144.76	JAN. 9	127.45	APR. 13	122.12	JULY 23	148.81
SEP. 12	149.24	JAN. 16	129.35	APR. 15	121.94	JULY 30	153.17
SEP. 25	145.52	JAN. 23	128.85	APR. 23	117.95	AUG. 4	155.60
OCT. 3	146.54	JAN. 30	131.79	APR. 30	115.64	AUG. 12	156.82
OCT. 17	141.96	FEB. 6	129.55	MAY 7	117.46	AUG. 18	157.85
OCT. 23	141.81	FEB. 12	129.34	MAY 14	116.79	AUG. 19	157.78
OCT. 31	141.07	FEB. 13	128.98	MAY 21	115.05	AUG. 26	158.05
NOV. 3	140.89	FEB. 20	119.49	MAY 28	116.45	SEP. 2	156.42
NOV. 14	142.58	FEB. 27	115.87	JUNE 4	122.12	SEP. 9	153.96
NOV. 26	135.57	MAR. 5	113.80	JUNE 14	124.98	SEP. 15	156.75
DEC. 4	132.50	MAR. 12	110.62	JUNE 18	127.81	SEP. 21	155.41
DEC. 11	130.91	MAR. 16	108.61	JUNE 25	134.22	SEP. 23	154.60
DEC. 19	127.89	MAR. 19	107.08	JULY 2	141.93	SEP. 30	155.63
DEC. 24	129.87	MAR. 26	107.35				

302932091101903 LOCAL WELL NUMBER: EB-946

OWNER: U. S. GEOL. SURVEY. (SEC. 43, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 1,234 FT, SCREENED 1,224-1,234. MP TOP INSIDE EDGE OF SIDE OPENING OF 2-IN TEE ON LINER PIPE, 2.02 FT ABOVE LSD.
 LSD 59.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 160.09 BELOW LSD, SEP. 25, 1975.
 LOWEST WATER LEVEL 183.00 BELOW LSD, AUG. 26, 1976.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 19, 1975	160.31	DEC. 24, 1975	173.50	MAR. 26, 1976	175.86	JULY 9, 1976	181.50
APR. 28	167.10	DEC. 31	173.84	APR. 2	170.94	JULY 16	179.26
AUG. 5	170.73	JAN. 7, 1976	173.90	APR. 9	171.34	JULY 23	179.32
AUG. 14	173.26	JAN. 9	177.53	APR. 15	171.54	JULY 30	179.02
SEP. 12	165.48	JAN. 16	176.83	APR. 23	173.25	AUG. 4	177.97
SEP. 25	160.09	JAN. 23	175.72	APR. 30	173.30	AUG. 12	181.78
OCT. 3	163.58	JAN. 30	169.30	MAY 7	176.14	AUG. 18	179.60
OCT. 17	164.27	FEB. 6	169.23	MAY 14	171.64	AUG. 19	181.40
OCT. 23	163.81	FEB. 12	170.05	MAY 21	175.61	AUG. 26	183.00
OCT. 31	161.67	FEB. 13	170.11	MAY 28	170.11	SEP. 2	180.96
NOV. 3	164.06	FEB. 20	170.95	JUNE 4	173.63	SEP. 9	180.64
NOV. 14	155.75	FEB. 27	175.19	JUNE 14	178.63	SEP. 15	181.25
NOV. 26	177.94	MAR. 5	175.96	JUNE 18	177.22	SEP. 21	181.48
DEC. 4	177.39	MAR. 12	178.21	JUNE 25	180.19	SEP. 23	178.80
DEC. 11	174.92	MAR. 16	174.90	JULY 2	182.76	SEP. 30	166.24
DEC. 19	177.83	MAR. 19	175.10				

EAST FELICIANA PARISH

304303091084101 LOCAL WELL NUMBER: EF-2

OWNER: TOWN OF SLAUGHTER. (SEC. 61, T. 4S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN ZONE 3 AQUIFER OF MIOCENE AGE, DIAM 4 IN, REPORTED DEPTH 2035 FT, SCREENED 1995-2035. MP TOP EDGE OF OPENING IN 2-IN X 3-IN REDUCER ATOP CASING, 0.70 FT ABOVE LSD, SINCE 1/14/75.
 LSD 135.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 18.34 BELOW LSD, JAN. 7, 1958.
 LOWEST WATER LEVEL 101.43 BELOW LSD, JULY 6, 1976.
 RECORDS AVAILABLE 1955, 1957-66, 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 14, 1975	98.96	JULY 8, 1975	98.38	FEB. 10, 1976	99.32	JULY 6, 1976	101.43
MAR. 25	98.85	OCT. 28	98.76	APR. 13	99.28		

GROUND-WATER LEVELS

EAST FELICIANA PARISH

305152091010204 LOCAL WELL NUMBER: EF-34

OWNER: TOWN OF CLINTON. (SEC. 83, T. 25., R. 2E.) DRILLED UNUSED ARTESIAN WELL IN ZONE 1 AQUIFER OF PLIOCENE AGE, DIAM 6 IN, REPORTED DEPTH 460 FT, SCREENED INTERVAL UNKNOWN, MP LOWER EDGE OF 3/4-IN HOLE IN CASING, 0.5 FT ABOVE LSD. MEASUREMENTS DISCONTINUED.
 LSD 195.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 48.52 BELOW LSD, MAY 31, 1961,
 LOWEST WATER LEVEL 65.44 BELOW LSD, JULY 23, 1973.
 RECORDS AVAILABLE 1961-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 13, 1975	65.13	MAR. 25, 1975	61.47	JULY 10, 1975	63.56	OCT. 28, 1975	60.52

304949091115001 LOCAL WELL NUMBER: EF-55

OWNER: E. LOUISIANA STATE HOSPITAL. (SEC. 59, T. 25., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN ZONE 2 AQUIFER OF MIO-PLIOCENE AGE, DIAM 6 IN, REPORTED DEPTH 1350 FT, SCREENED INTERVAL 1290-1350. MP TOP EDGE OF 1-IN NIPPLE, 0.2 FT ABOVE LSD. SINCE 3/24/75
 LSD 225.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 122.23 BELOW LSD, MAY 7, 1957,
 LOWEST WATER LEVEL 187.99 BELOW LSD, JULY 6, 1976.
 RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 13, 1975	184.97	JULY 10, 1975	185.15	FEB. 9, 1976	184.67	JULY 6, 1976	187.99
MAR. 24	184.00	OCT. 28	187.59	APR. 12	183.47		

305144091010901 LOCAL WELL NUMBER: EF-61

OWNER: TOWN OF CLINTON. (SEC. 83, T. 25., R. 2E.) DRILLED UNUSED ARTESIAN WELL IN ZONE 1 AQUIFER OF PLIOCENE AGE, DIAM 6 IN, REPORTED DEPTH 305 FT, SCREENED INTERVAL UNKNOWN, MP TOP 1/2-IN UNION, 1.55 FT ABOVE LSD.
 LSD 210.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 63.76 BELOW LSD, MAY 16, 1961,
 LOWEST WATER LEVEL 80.16 BELOW LSD, OCT. 3, 1973.
 RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 25, 1975	80.06	OCT. 28	78.98	APR. 12, 1976	78.77		

305152091010201 LOCAL WELL NUMBER: EF-73

OWNER: TOWN OF CLINTON. (SEC. 83, T. 25., R. 2E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN ZONE 3 SAND OF MIOCENE AGE, DIAM 12 IN, REPORTED DEPTH 1966 FT, SCREENED 1688-1718, 1773-1795, 1862-1872, 1880-1900, 1917-1929, AND 1948-1966. MP TOP EDGE BREAHER HOLE IN PLATE ATOP 12-IN CASING, 1.62 FT ABOVE LSD.
 LSD 195.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 93.01 BELOW LSD, MAR. 5, 1959,
 LOWEST WATER LEVEL 117.21 BELOW LSD, SEP. 27, 1974.
 RECORDS AVAILABLE 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 25, 1975	107.01	OCT. 28	114.40	APR. 12, 1976	113.88		

304959091093001 LOCAL WELL NUMBER: EF-185

OWNER: E. LOUISIANA STATE HOSPITAL. (SEC. 45, T. 25., R. 1E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN ZONE 2 AQUIFER OF MIO-PLIOCENE AGE, DIAM UNKNOWN, REPORTED DEPTH 1514 FT, SCREENED INTERVAL UNKNOWN, MP LOWER EDGE 1-IN ACCESS PIPE, 1.48 FT ABOVE LSD.
 LSD 228.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 118.54 BELOW LSD, MAY 16, 1961,
 LOWEST WATER LEVEL 177.81 BELOW LSD, SEP. 1, 1970.
 RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 13, 1975	175.78	JULY 10, 1975	176.85	FEB. 9, 1976	176.22	JULY 6, 1976	174.42
MAR. 24	175.72	OCT. 28	177.13	APR. 12	176.75		

EAST FELICIANA PARISH

305052091060001 LOCAL WELL NUMBER: EF-241

OWNER: P. CRAIN. (SEC. 27, T. 25., R. 1E.) BORED DOMESTIC WATER-TABLE WELL IN QUATERNARY UPLAND DEPOSITS OF PLEISTOCENE AGE, DIAM 8 IN, DEPTH 96 FT, OPEN END CASING. MP TOP INSIDE EDGE OF 8-IN CONCRETE CASING, 0.6 FT ABOVE LSD.
 LSD 250.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 71.31 BELOW LSD, JULY 6, 1976,
 LOWEST WATER LEVEL 73.24 BELOW LSD, JAN. 31, 1974.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 31, 1974	73.24	DEC. 23, 1974	72.28	MAY 7, 1975	72.17	FEB. 9, 1976	71.80
APR. 24	72.83	JAN. 27, 1975	72.44	JULY 10	71.99	APR. 12	71.65
AUG. 16	72.06	FEB. 28	72.59	JULY 16	71.90	APR. 14	71.35
OCT. 24	72.30	MAR. 21	72.38	OCT. 28	71.55	JULY 6	71.31
NOV. 21	72.11						

IBERIA PARISH

295748091571001 LOCAL WELL NUMBER: I-19

OWNER: J. L. BAYLIS, JR. AND OTHERS. (IRREG. SEC. 59, T. 12S., R. 5E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN, REPORTED DEPTH 460 FT, SCREENED 380-460. MP HOLE IN STEEL PLATE BELOW PUMP, 1.88 FT ABOVE LSD.
 LSD 9.72 FT ABOVE MSL.
 HIGHEST WATER LEVEL 3.65 BELOW LSD, MAY 11, 1944,
 LOWEST WATER LEVEL 15.37 BELOW LSD, FEB. 16, 1971.
 RECORDS AVAILABLE 1944-62, 1964, 1966-67, 1969, 1971-72, 1974, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1976	14.42						

295108091471501 LOCAL WELL NUMBER: I-36

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 6, T. 14S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 444 FT, SCREENED 276-284. MP TOP OF 2-IN CASING, 2.0 FT ABOVE LSD.
 LSD 4.12 FT ABOVE MSL.
 HIGHEST WATER LEVEL 3.25 BELOW LSD, MAR. 22, 1966,
 LOWEST WATER LEVEL 5.61 BELOW LSD, FEB. 26, 1970.
 RECORDS AVAILABLE 1966-71, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1975	4.54	MAR. 1, 1976	4.65				

300035091443301 LOCAL WELL NUMBER: I-93

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 5, T. 12S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 585 FT, SCREENED 580-585. MP TOP OF 2-IN CASING, 3.0 FT ABOVE LSD.
 LSD 18.53 FT ABOVE MSL.
 HIGHEST WATER LEVEL 15.29 BELOW LSD, FEB. 25, 1974,
 LOWEST WATER LEVEL 22.11 BELOW LSD, NOV. 4, 1974.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 14, 1975	17.45	APR. 30, 1975	15.94	SEP. 22, 1975	16.15	JAN. 16, 1976	18.22
FEB. 25	16.70	JUNE 6	16.12	OCT. 24	17.81	FEB. 11	17.88
MAR. 20	16.37	JUNE 30	15.91	DEC. 5	19.13	MAR. 1	17.81
MAR. 26	16.33	AUG. 5	15.82				

GROUND-WATER LEVELS

IBERVILLE PARISH

302920091311101 LOCAL WELL NUMBER: IB-9

OWNER: TOWN OF MARINGOUIN. (SEC. 29, T. 7S., R. 9E.) DRILLED UNUSED PUBLIC-SUPPLY WELL IN SAND ("1200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1180 FT, SCREENED INTERVAL UNKNOWN. MP LOWER EDGE OF 1/2-IN HOLE IN SIDE OF CASING, 0.80 FT ABOVE LSD.
 LSD 23.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 30.00 ABOVE LSD, DEC. 27, 1951.
 LOWEST WATER LEVEL 24.35 BELOW LSD, NOV. 20, 1975.
 RECORDS AVAILABLE 1951, 1971, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 27, 1951 +	30.00	MAY 21, 1975	23.25	NOV. 20, 1975	24.35	APR. 28, 1976	24.30
MAR. 5, 1971	23.53						

302919091311102 LOCAL WELL NUMBER: IB-29

OWNER: TOWN OF MARINGOUIN. (SEC. 29, T. 7S., R. 9E.) DRILLED UNUSED PUBLIC-SUPPLY WELL IN SAND ("2000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 IN, DEPTH 1964 FT, SCREENED 1880-1964. MP HOLE IN SANITARY SEAL, 1.60 FT ABOVE LSD.
 LSD 23.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 58.90 ABOVE LSD, DEC. 15, 1951.
 LOWEST WATER LEVEL 15.90 BELOW LSD, APR. 28, 1976.
 RECORDS AVAILABLE 1951, 1960, 1970, 1971, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 15, 1951 +	58.90	AUG. 10, 1970	2.60	JUNE 19, 1975	11.27	APR. 28, 1976	15.90
FEB. 16, 1960 +	43.00	MAR. 5, 1971	5.27	NOV. 20	13.45		

302926091310401 LOCAL WELL NUMBER: IB-198

OWNER: TOWN OF MARINGOUIN. (SEC. 29, T. 7S., R. 9E.) DRILLED PUBLIC-SUPPLY WELL IN SAND ("2400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 14 IN, DEPTH 2244 FT, SCREENED 2144-2244. MP CENTERLINE OF GAGE, 1.1 FT ABOVE FLANGE AND 5.7 FT ABOVE LSD.
 LSD 23.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 41.00 ABOVE LSD, MAR. 29, 1966.
 LOWEST WATER LEVEL 5.30 ABOVE LSD, APR. 28, 1976.
 RECORDS AVAILABLE 1966, 1970, 1971, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 29, 1966 +	41.00	AUG. 13, 1970 +	20.80	MAY 21, 1975 +	6.10	APR. 28, 1976 +	5.30
AUG. 10, 1970 +	21.00	MAR. 5, 1971 +	19.10	NOV. 20	6.90		

JEFFERSON PARISH

295420090045801 LOCAL WELL NUMBER: JF-35

OWNER: SOUTHERN SHELLFISH CO. (SEC. 1, T. 13S., R. 24E.) DRILLED UNUSED ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 10 TO 6 IN, DEPTH 270 FT, SCREENED 228-270. MP EDGE OF STEEL PLATE ON CONCRETE FOUNDATION, 3.50 FT ABOVE LSD.
 LSD 5.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 5.26 BELOW LSD, APR. 22, 1976.
 LOWEST WATER LEVEL 21.56 BELOW LSD, OCT. 13, 1970.
 RECORDS AVAILABLE 1956, 1958-64, 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 3, 1975	8.32	NOV. 11, 1975	19.52C	APR. 22, 1976	5.26	SEP. 15, 1976	18.48C

295509090034001 LOCAL WELL NUMBER: JF-48

OWNER: PUBLICER CHEMICAL CORP. (SEC. 7, T. 13S., R. 24E.) DRILLED INDUSTRIAL ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 16 IN, DEPTH 780 FT, SCREENED 700-780. MP HOLE IN CASING FLANGE AT TOP OF CONCRETE FOUNDATION 0.90 FT ABOVE LSD.
 LSD 7.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 93.04 BELOW LSD, MAR. 5, 1975.
 LOWEST WATER LEVEL 106.81 BELOW LSD, SEP. 15, 1976.
 RECORDS AVAILABLE 1957, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JULY 31, 1957	95.20	JULY 17, 1975	94.89	FEB. 20, 1976	94.83	AUG. 19, 1976	105.37
MAR. 5, 1975	93.04	NOV. 11	97.60	APR. 22	94.54	SEP. 15	106.81
JUNE 25	94.70						

JEFFERSON PARISH

295906090192701 LOCAL WELL NUMBER: JF-65

OWNER: CITY OF NEW ORLEANS AVIATION BOARD. (SEC. 37, T. 12S., R. 9E.) DRILLED INDUSTRIAL ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 10 TO 8 IN, DEPTH 698 FT, SCREENED 638-698, MP HOLE IN SAFETY SEAL, 1.0 FT ABOVE LSD.
 LSD 1.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 28.50 BELOW LSD, DEC. 23, 1958.
 LOWEST WATER LEVEL 56.64 BELOW LSD, APR. 6, 1972.
 RECORDS AVAILABLE 1958, 1960-61, 1963, 1965-70, 1972, 1974-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 5, 1975	50.93C	APR. 4	51.08C				

300109090091001 LOCAL WELL NUMBER: JF-71

OWNER: GREATER NEW ORLEANS EXPRESSWAY COMMISSION. (SEC. 46, T. 12S., R. 10E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 566 FT, SCREENED 551-566, MP HOLE IN SAFETY SEAL, 3.40 FT ABOVE LSD.
 LSD 11.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 66.60 BELOW LSD, MAR. 5, 1963.
 LOWEST WATER LEVEL 87.43 BELOW LSD, OCT. 17, 1973.
 RECORDS AVAILABLE 1963, 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 5, 1975	79.71	NOV. 11, 1975	83.24	APR. 22, 1976	80.80	SEP. 15, 1976	82.83
APR. 4	80.00						

295739090094601 LOCAL WELL NUMBER: JF-156

OWNER: JEFFERSON PARISH CONSOLIDATED WATER DISTRICT. (SEC. 46, T. 12S., R. 10E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, DEPTH 780 FT, SCREENED 660-780, MP TOP OF 4-INCH PLASTIC LINER 2.05 FT ABOVE LSD.
 LSD 9.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 89.19 BELOW LSD, MAR. 5, 1975.
 LOWEST WATER LEVEL 94.34 BELOW LSD, NOV. 11, 1975.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 1, 1974	93.28	JULY 17, 1975	92.43	FEB. 20, 1976	91.94	JULY 21, 1976	91.68
MAR. 5, 1975	89.19	NOV. 11	94.34	APR. 22	92.35	SEP. 15	93.35
JUNE 24	92.64						

JEFFERSON DAVIS PARISH

301355092463001 LOCAL WELL NUMBER: JD-9

OWNER: WELSH CANAL CO. (SEC. 34, T. 9S., R. 4W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN, DEPTH 318 FT, SCREENED 238-318, MP LOWER LIP OF DISCHARGE PIPE, 4.55 FT ABOVE LSD.
 LSD 24.10 FT ABOVE MSL.
 HIGHEST WATER LEVEL 19.52 BELOW LSD, MAR. 29, 1943.
 LOWEST WATER LEVEL 85.59 BELOW LSD, SEP. 18, 1973.
 RECORDS AVAILABLE 1938-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1975	55.85	FEB. 20, 1976	60.29	APR. 22, 1976	68.62	AUG. 13, 1976	78.64
NOV. 24	58.55	MAR. 4	59.85	MAY 22	72.13	SEP. 16	74.35
DEC. 22	53.20	MAR. 22	69.85	JUNE 29	77.89	SEP. 22	73.06
JAN. 22, 1976	51.45						

302611092411201 LOCAL WELL NUMBER: JD-31

OWNER: B.J. HINE ESTATE. (SEC. 21, T. 7S., R. 3W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN, DEPTH AND SCREENED INTERVAL UNKNOWN, MP LOWER LIP OF DISCHARGE PIPE, 3.96 FT ABOVE LSD.
 LSD 50.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 80.06 BELOW LSD, MAR. 21, 1967.
 LOWEST WATER LEVEL 92.37 BELOW LSD, FEB. 19, 1971.
 RECORDS AVAILABLE 1966-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	86.89	MAR. 4, 1976	86.04				

GROUND-WATER LEVELS

JEFFERSON DAVIS PARISH

300518092492601 LOCAL WELL NUMBER: JD-33

OWNER: JOE PETITJEAN. (SEC. 18, T. 11S., R. 4W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 24 TO 12 IN, DEPTH 350 FT, SCREENED INTERVAL UNKNOWN, MP BOTTOM EDGE OF DISCHARGE PIPE, 4.75 FT ABOVE LSD.
 LSD 7.18 FT ABOVE MSL.
 HIGHEST WATER LEVEL 5.61 BELOW LSD, APR. 8, 1941.
 LOWEST WATER LEVEL 41.15 BELOW LSD, APR. 25, 1956.
 RECORDS AVAILABLE 1939-41, 1947-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	36.71	MAR. 4, 1976	35.65				

300236092543501 LOCAL WELL NUMBER: JD-222

OWNER: LACASSINE CO. (SEC. 32, T. 11S., R. 5W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN, DEPTH 300 FT, SCREENED INTERVAL UNKNOWN, MP EDGE OF CASING, AT LAND SURFACE.
 LSD 4.61 FT ABOVE MSL.
 HIGHEST WATER LEVEL 6.15 BELOW LSD, MAY 8, 1946.
 LOWEST WATER LEVEL 36.63 BELOW LSD, AUG. 25, 1965.
 RECORDS AVAILABLE 1945-67, 1972, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	33.50	MAR. 4, 1976	32.00				

302054092461901 LOCAL WELL NUMBER: JD-317

OWNER: H. AND H. AGUILLARD. (SEC. 22, T. 8S., R. 4W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 10 IN, DEPTH 289 FT, SCREENED 209-289, MP LOWER LIP OF DISCHARGE PIPE, 5.20 FT ABOVE LSD.
 LSD 42.27 FT ABOVE MSL.
 HIGHEST WATER LEVEL 48.99 BELOW LSD, MAR. 20, 1950.
 LOWEST WATER LEVEL 84.67 BELOW LSD, FEB. 18, 1971.
 RECORDS AVAILABLE 1948-69, 1971-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1975	80.60	MAR. 4, 1976	77.80				

302602092463801 LOCAL WELL NUMBER: JD-445

OWNER: H. AND S. LEJEUNE. (SEC. 21, T. 7S., R. 4W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 262 FT, SCREENED 182-262, MP TOP EDGE OF 3/4-IN NIPPLE, 0.60 FT ABOVE LSD.
 LSD 47.82 FT ABOVE MSL.
 HIGHEST WATER LEVEL 64.21 BELOW LSD, MAR. 24, 1965.
 LOWEST WATER LEVEL 73.55 BELOW LSD, FEB. 26, 1975.
 RECORDS AVAILABLE 1965-70, 1974-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	73.55						

301735092525001 LOCAL WELL NUMBER: JD-483

OWNER: E. CORMIER AND E. C. TODD. (SEC. 4, T. 9S., R. 5W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 10 IN, REPORTED DEPTH 352 FT, SCREENED 272-352, MP LOWER LIP OF DISCHARGE PIPE, 6.90 FT ABOVE LSD.
 LSD 36.72 FT ABOVE MSL.
 HIGHEST WATER LEVEL 55.87 BELOW LSD, FEB. 27, 1961.
 LOWEST WATER LEVEL 80.61 BELOW LSD, SEP. 9, 1963.
 RECORDS AVAILABLE 1961-69, 1971-72, 1974-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1975	77.55						

LOUISIANA - LAFAYETTE PARISH

757

JEFFERSON DAVIS PARISH

301300092584501 LOCAL WELL NUMBER: JD-485

OWNER: U. S. GEOL. SURVEY. (SEC. 4, T. 10S., R. 6W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 250 FT, SCREENED 240-250. MP TOP OF 4-IN CASING COLLAR, 3.0 FT ABOVE LSD.
 LSD 21.36 FT ABOVE MSL.
 HIGHEST WATER LEVEL 42.73 BELOW LSD, APR. 6, 1963.
 LOWEST WATER LEVEL 98.68 BELOW LSD, JULY 4, 1972.
 RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 1, 1975	53.06H	JAN. 5, 1976	58.09	APR. 5, 1976	61.47	JULY 10, 1976	82.72
OCT. 5	52.50	JAN. 10	57.56	APR. 10	60.03	JULY 15	81.25
OCT. 10	52.02	JAN. 15	57.22	APR. 15	61.18	JULY 20	80.03
OCT. 15	51.39	JAN. 20	56.94	APR. 20	68.41	JULY 23	78.23H
OCT. 20	51.03	JAN. 22	57.19H	APR. 21	69.67H	JULY 25	77.28
OCT. 22	50.84H	JAN. 25	56.98	APR. 25	74.65	JULY 31	77.15
OCT. 25	51.89	JAN. 31	56.68	APR. 30	74.22	AUG. 5	75.94
OCT. 31	50.62	FEB. 5	56.41	MAY 5	81.77	AUG. 10	74.66
NOV. 5	51.09	FEB. 10	56.19	MAY 10	79.89	AUG. 15	70.52
NOV. 10	50.96	FEB. 15	56.00	MAY 15	73.84	AUG. 20	69.46
NOV. 15	51.06	FEB. 20	55.76H	MAY 20	78.64	AUG. 25	68.90H
NOV. 20	54.00	FEB. 25	55.62	MAY 24	79.81H	AUG. 31	68.59
NOV. 25	56.10	FEB. 29	56.65	MAY 25	86.70	SEP. 5	67.18
NOV. 30	50.02	MAR. 5	55.94	MAY 31	91.80	SEP. 10	66.40
DEC. 5	51.08	MAR. 8	55.95H	JUNE 5	79.64	SEP. 15	67.78
DEC. 10	59.44	MAR. 10	55.70	JUNE 10	81.75	SEP. 16	67.11H
DEC. 15	58.95	MAR. 15	56.02	JUNE 15	91.09	SEP. 20	66.07
DEC. 20	58.69	MAR. 20	55.98	JUNE 20	84.73	SEP. 22	67.27H
DEC. 22	58.57H	MAR. 22	55.80H	JUNE 25	82.18H	SEP. 25	66.21
DEC. 25	58.23	MAR. 25	55.66	JUNE 30	86.62	SEP. 30	65.57
DEC. 31	57.79	MAR. 31	55.39	JULY 5	87.52		

302509092532101 LOCAL WELL NUMBER: JD-493

OWNER: PRESTON ASHFORD. (SEC. 28, T. 7S., R. 5W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 16 TO 8 IN, DEPTH 220 FT, SCREENED 160-220. MP LOWER LIP OF DISCHARGE PIPE, 6.10 FT ABOVE LSD.
 LSD 37.95 FT ABOVE MSL.
 HIGHEST WATER LEVEL 48.62 BELOW LSD, APR. 8, 1965.
 LOWEST WATER LEVEL 56.05 BELOW LSD, FEB. 26, 1975.
 RECORDS AVAILABLE 1965-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	56.05	MAR. 8, 1976	54.60				

LAFAYETTE PARISH

301245092020001 LOCAL WELL NUMBER: LF-6

OWNER: UNIV. OF SOUTHWEST LA., LAFAYETTE. (IRREG. SEC. 68, T. 9S., R. 4E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 8 TO 6 IN, REPORTED DEPTH 180 FT, SCREENED 160-180. MP PLUG HOLE ON SOUTHWEST SIDE OF PUMPBASE, AT LSD.
 LSD 35.37 FT ABOVE MSL.
 HIGHEST WATER LEVEL 22.73 BELOW LSD, JAN. 5, 1948.
 LOWEST WATER LEVEL 43.80 BELOW LSD, FEB. 26, 1975.
 RECORDS AVAILABLE 1946-69, 1971-72, 1975.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	43.80						

301407092000901 LOCAL WELL NUMBER: LF-516

OWNER: CITY OF LAFAYETTE. (IRREG. SEC. 101, T. 9S., R. 5E.) DRILLED UNUSED ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 IN, DEPTH 286 FT, SCREENED 271-286. MP TOP OF 4-IN CASING, 0.50 FT ABOVE LSD.
 LSD 40.37 FT ABOVE MSL.
 HIGHEST WATER LEVEL 34.13 BELOW LSD, MAR. 23, 1959.
 LOWEST WATER LEVEL 44.92 BELOW LSD, JULY 20, 1971.
 RECORDS AVAILABLE 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1975	41.40	JAN. 26, 1976	42.49	MAR. 30, 1976	41.97	JUNE 24, 1976	43.22
NOV. 24	42.00	FEB. 20	42.35	APR. 20	41.96	AUG. 9	43.58
DEC. 22	42.26	MAR. 1	42.42	MAY 24	42.64	SEP. 15	44.29

GROUND-WATER LEVELS

LAFAYETTE PARISH

300917091581601 LOCAL WELL NUMBER: LF-556

OWNER: G. G. GONDON. (IRREG. SEC. 21, T. 10S., R. 5E.) DRILLED UNUSED ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, REPORTED DEPTH 104 FT, SCREENED 94-104. MP TOP OF 2-IN CASING, 1.40 FT ABOVE LSD.
 LSD 34.55 FT ABOVE MSL.
 HIGHEST WATER LEVEL 27.70 BELOW LSD, MAR. 23, 1966.
 LOWEST WATER LEVEL 34.24 BELOW LSD, FEB. 26, 1970.
 RECORDS AVAILABLE 1964-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	31.38	MAR. 1, 1976	32.34				

300441091543803 LOCAL WELL NUMBER: LF-570C

OWNER: U. S. GEOL. SURVEY. (SEC. 6B, T. 10S., R. 5E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 825 FT, SCREENED 815-825. MP TOP OF 2-IN CASING, 4.0 FT ABOVE LSD.
 LSD 20.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 12.06 BELOW LSD, AUG. 5, 1975.
 LOWEST WATER LEVEL 18.29 BELOW LSD, SEP. 17, 1976.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 4, 1975	13.07	OCT. 24, 1975	13.62	FEB. 23, 1976	14.26	AUG. 16, 1976	17.59
JUNE 30	13.02	DEC. 5	14.86	APR. 21	14.72	SEP. 17	18.29
AUG. 5	12.06	JAN. 16, 1976	14.33	JULY 6	17.10		

LIVINGSTON PARISH

302804090581801 LOCAL WELL NUMBER: LI-26B

OWNER: CLIFF MACK. (SEC. 67, T. 7S., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1200-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 1305 FT, SCREENED 1289-1305. MP TOP OF 2-IN CASING, .77 FT ABOVE LSD.
 LSD 37.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 3.53 BELOW LSD, JULY 1, 1957.
 LOWEST WATER LEVEL 55.08 BELOW LSD, APR. 16, 1974.
 RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 17, 1975	47.48	APR. 1, 1975	47.23	NOV. 12, 1975	47.33	APR. 20, 1976	48.82

303034090380301 LOCAL WELL NUMBER: LI-52

OWNER: COY KINCHEN. (SEC. 20, T. 6S., R. 6E.) DRILLED DOMESTIC ARTESIAN WELL IN HYDRAULIC ZONE 3 SAND OF MIOCENE AGE, DIAM 4-IN, DEPTH 1865 FT, SCREENED 1825-1865. MP CENTER LINE OF 0.75-IN TEE, 1.25 FT ABOVE LSD.
 LSD 46.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 116.20 ABOVE LSD, NOV. 30, 1950.
 LOWEST WATER LEVEL 55.50 ABOVE LSD, OCT. 3, 1974.
 RECORDS AVAILABLE 1950-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 11, 1975	56.20	APR. 21, 1976	55.60	APR. 29, 1976	56.20		

302826090344901 LOCAL WELL NUMBER: LI-54

OWNER: ST. MARGARETS CATHOLIC CHURCH. (SEC. 2, T. 7S., R. 6E.) DRILLED DOMESTIC ARTESIAN WELL IN HYDRAULIC ZONE 3 SAND OF MIOCENE AGE, DIAM 2.5 IN, DEPTH 2144 FT, SCREENED 2104-2144. MP IS CENTER LINE OF 2-IN TEE, 0.8 FT ABOVE LSD.
 LSD 33.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 121.80 ABOVE LSD, NOV. 30, 1954, JAN. 10, 1955, FEB. 1, 1955.
 LOWEST WATER LEVEL 69.80 ABOVE LSD, JULY 15, 1975, MAY 4, 1976, JULY 12, 1976.
 RECORDS AVAILABLE 1954-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 11, 1975	70.80	APR. 30, 1976	70.80	MAY 4, 1976	69.80	JULY 12, 1976	69.80
JAN. 8, 1976	70.30						

LIVINGSTON PARISH

302959090563401 LOCAL WELL NUMBER: LI-92

OWNER: CITY OF DENHAM SPRINGS. (SEC. 48, T. 6S., R. 3E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2000-FT SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 10 IN, DEPTH 2100 FT, SCREENED INTERVAL UNKNOWN. MP TOP EDGE OF 0.5-IN NIPPLE, 0.8 FT ABOVE LSD.
 LSD 51.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 58.07 BELOW LSD, JAN. 15, 1976.
 LOWEST WATER LEVEL 61.50 BELOW LSD, JULY 14, 1976.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 16, 1975	58.42	JAN. 15, 1976	58.07	APR. 29, 1976	60.20	JULY 14, 1976	61.50
NOV. 12	58.25	APR. 20	58.30				

302956090504601 LOCAL WELL NUMBER: LI-113

OWNER: W. K. COBURN. (SEC. 30, T. 6S., R. 4E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND ("1500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 3 IN, REPORTED DEPTH 1300 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF COLLAR ABOVE VALVE, 1.50 FT ABOVE LSD.
 LSD 48.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 9.56 BELOW LSD, MAY 11, 1970.
 LOWEST WATER LEVEL 13.87 BELOW LSD, FEB. 9, 1968.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 17, 1975	12.27	JULY 15, 1975	11.85	JAN. 5, 1976	12.01	JUNE 1, 1976	12.40
FEB. 27	12.31	AUG. 14	11.75	FEB. 13	12.01	JULY 14	12.45
MAR. 24	12.25	SEP. 24	11.75	MAR. 17	12.11	AUG. 19	12.70
MAY 2	12.05	NOV. 12	11.95	APR. 20	12.29	SEP. 27	13.00
JUNE 5	12.15	DEC. 1	11.95	APR. 29	12.45		

ORLEANS PARISH

301001089441301 LOCAL WELL NUMBER: OR-23

OWNER: LOUISIANA PARK AND RECREATION COMMISSION. (SEC. 19, T. 10S., R. 15E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, REPORTED DEPTH 547 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 6 X 2-IN REDUCER, 0.40 FT ABOVE LSD.
 LSD 2.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 2.24 BELOW LSD, MAR. 25, 1958.
 LOWEST WATER LEVEL 15.45 BELOW LSD, SEP. 15, 1976.
 RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 3, 1975	15.22	NOV. 11, 1975	14.43	APR. 22, 1976	15.25	SEP. 15, 1976	15.45

295652090020101 LOCAL WELL NUMBER: OR-42

OWNER: U. S. NAVY. (SEC. 16, T. 13S., R. 24E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 8 IN, REPORTED DEPTH 775 FT, SCREENED 664-775. MP TOP 2 X 5-IN RECORDER BASE, 1.0 FT ABOVE LSD.
 LSD 10.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 40.07 BELOW LSD, MAY 25, 1942.
 LOWEST WATER LEVEL 140.48 BELOW LSD, SEP. 20, 1968.
 RECORDS AVAILABLE 1942, 1949-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1975	114.77	DEC. 31, 1975	110.25	MAR. 25, 1976	110.94	JUNE 15, 1976	111.49
OCT. 6	114.01H	JAN. 5, 1976	108.87	MAR. 31	110.96	JUNE 20	112.35
OCT. 10	115.16	JAN. 10	110.87	APR. 5	110.49	JUNE 25	112.17
OCT. 15	115.16	JAN. 13	110.15H	APR. 10	111.36	JUNE 30	112.32
OCT. 20	115.15	JAN. 15	111.11	APR. 15	110.89	JULY 5	111.29
OCT. 25	116.70	JAN. 20	110.96	APR. 20	109.71	JULY 10	111.54
OCT. 31	116.52	JAN. 25	111.70	APR. 22	110.60H	JULY 15	111.71
NOV. 5	116.35	JAN. 31	111.68	APR. 25	110.57	JULY 20	111.57
NOV. 10	116.02	FEB. 5	110.93	APR. 30	110.99	JULY 21	111.79H
NOV. 11	116.22H	FEB. 10	110.60	MAY 5	110.83	JULY 25	112.17
NOV. 15	117.06	FEB. 15	110.67	MAY 10	110.51	JULY 31	113.21
NOV. 20	116.49	FEB. 20	110.75H	MAY 15	111.77	AUG. 5	113.48
NOV. 25	115.47	FEB. 25	110.73	MAY 20	111.73	AUG. 10	113.20
NOV. 30	113.97	FEB. 29	110.29	MAY 25	111.86	AUG. 15	114.00
DEC. 5	114.66	MAR. 5	110.06	MAY 31	111.06	SEP. 15	114.77H
DEC. 10	114.21H	MAR. 10	110.10	JUNE 5	111.33	SEP. 20	114.78
DEC. 15	113.47	MAR. 15	109.37	JUNE 10	110.83	SEP. 25	115.64
DEC. 20	114.39	MAR. 18	109.69H	JUNE 11	110.92H	SEP. 30	115.41
DEC. 25	111.92	MAR. 20	109.97				

GROUND-WATER LEVELS

ORLEANS PARISH

300137049544201 LOCAL WELL NUMBER: OR-78

OWNER: NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. (SEC. 37, T. 12S., R. 13E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 12 TO 9 IN, DEPTH 565 FT, SCREENED 486-555. MP HOLE IN SAFETY SEAL, 1.36 FT ABOVE LSD.

LSD 4.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 42.94 BELOW LSD, APR. 12, 1961.

LOWEST WATER LEVEL 117.46 BELOW LSD, JULY 21, 1976.

RECORDS AVAILABLE 1950-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1975	103.49	JULY 17, 1975	106.32	FEB. 20, 1976	102.81	JULY 21, 1976	117.46
MAR. 5	103.45	NOV. 11	98.84	APR. 22	102.33	SEP. 15	115.27
APR. 3	103.09						

300158040033801 LOCAL WELL NUMBER: OR-128

OWNER: ORLEANS LEVEE BOARD, PONTCHARTRAIN BEACH. (SEC. 111, T. 12S., R. 11E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 8 TO 6 IN, DEPTH 581 FT, SCREENED 541-581. MP TOP EDGE OF HOLE IN SANITARY SEAL, 1.32 FT ABOVE LSD.

LSD 5.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 122.76 BELOW LSD, JAN. 21, 1975.

LOWEST WATER LEVEL 167.66 BELOW LSD, JULY 21, 1976.

RECORDS AVAILABLE 1970-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1975	122.76	JUNE 25, 1975	146.24	DEC. 10, 1975	128.04	JUNE 11, 1976	142.59
FEB. 25	124.93	JULY 17	149.40	JAN. 13, 1976	125.01	JULY 21	167.66
MAR. 5	126.08	AUG. 19	147.26	FEB. 20	135.88	AUG. 19	146.66
APR. 3	128.08	SEP. 23	143.76	MAR. 18	128.86	SEP. 15	147.15
MAY 15	151.93	NOV. 11	142.51	APR. 22	136.10		

300525089464001 LOCAL WELL NUMBER: OR-175

OWNER: U. S. GEOL. SURVEY. (SEC. 38, T. 11S., R. 14E.) DRILLED OBSERVATION ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 449 FT, SCREENED 439-449. MP TOP OF 2-IN CASING, 1.25 FT ABOVE LSD (SINCE 8/20/75).

LSD 4.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 19.84 BELOW LSD, SEP. 19, 1963.

LOWEST WATER LEVEL 35.60 BELOW LSD, FEB. 25, 1975.

RECORDS AVAILABLE 1950-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 11, 1975	33.11	APR. 22, 1976	33.80	AUG. 19, 1976	33.85	SEP. 15, 1976	34.29
FEB. 20, 1975	34.11						

300959049441901 LOCAL WELL NUMBER: OR-179

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 10S., R. 15E.) DRILLED OBSERVATION ARTESIAN WELL IN ZONE 3 SAND OF MIOCENE AGE, DIAM 2 IN, DEPTH 2434 FT, SCREENED 2429-2434. MP CENTERLINE OF DISCHARGE PIPE, 2.87 FT ABOVE LSD.

LSD 4.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 107.20 ABOVE LSD, NOV. 10, 1965.

LOWEST WATER LEVEL 77.70 ABOVE LSD, JULY 21, 1976.

RECORDS AVAILABLE 1950-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1975	74.90	JULY 17, 1975	80.20	FEB. 20, 1976	78.70	JULY 21, 1976	77.70
APR. 3	80.60	NOV. 11	79.70	APR. 22	78.70	SEP. 15	77.90

304939091422101 LOCAL WELL NUMBER: PC-39

OWNER: C. FLINT. (SEC. 13, T. 35., R. 7E.) DRILLED UNUSED ARTESIAN WELL IN ZONE 1 AQUIFER OF PLIOCENE AGE, DIAM 2 IN, DEPTH REPORTED 460 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF REDUCER AT WELL, 1.3 FT ABOVE LSD.
 LSD 41.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 3.19 ABOVE LSD, MAY 23, 1973,
 LOWEST WATER LEVEL 26.64 BELOW LSD, DEC. 4, 1963.
 RECORDS AVAILABLE 1961, 1963-64, 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 6, 1975	8.40	AUG. 8, 1975	13.20	FEB. 18, 1976	18.05	JULY 20, 1976	18.50
APR. 3	3.45	NOV. 19	19.20	APR. 27	11.30		

304643091434901 LOCAL WELL NUMBER: PC-49

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 35., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN MISS. RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 137 FT, SCREENED 132-137 FT. MP TOP OF 4-IN CASING, 1.0 FT ABOVE LSD.
 LSD 36.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 0.59 BELOW LSD, MAR. 29, 1962,
 LOWEST WATER LEVEL 28.95 BELOW LSD, NOV. 4, 1963.
 RECORDS AVAILABLE 1955-68, 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 19, 1975	23.00	FEB. 18, 1976	18.00	APR. 26, 1976	14.80	JULY 20, 1976	19.40

303556091234001 LOCAL WELL NUMBER: PC-66

OWNER: MRS. ST. GEORGE HINES. (SEC. 48, T. 55., R. 11E.) DRILLED DOMESTIC ARTESIAN WELL IN ZONE 2 AQUIFER OF MIO-PLIOCENE AGE, DIAM 4 IN, DEPTH REPORTED 1530 FT, SCREENED 1490-1530. MP TOP OF SANITARY SEAL, 2.3 FT ABOVE LSD.
 LSD 33.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 33.79 BELOW LSD, JUNE 16, 1970,
 LOWEST WATER LEVEL 45.80 BELOW LSD, FEB. 6, 1975.
 RECORDS AVAILABLE 1970, 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 6, 1975	45.80	AUG. 4, 1975	42.75	FEB. 18, 1976	42.40	JULY 20, 1976	42.70
APR. 3	42.95	NOV. 19	44.60	APR. 27	44.25		

303402091325501 LOCAL WELL NUMBER: PC-70

OWNER: THEO H. GLAZIER SR. (SEC. 16, T. 6S., R. 9E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN ZONE 3 AQUIFER OF MIOCENE AGE, DIAM 4 IN, DEPTH REPORTED 2294 FT, SCREENED 2259-2294. MP CENTERLINE OF TEE, 0.8 FT ABOVE LSD.
 LSD 26.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 69.50 ABOVE LSD, JULY 15, 1960,
 LOWEST WATER LEVEL 16.80 ABOVE LSD, JULY 20, 1976.
 RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 19, 1975	17.80	FEB. 18, 1976	17.80	APR. 28, 1976	17.30	JULY 20, 1976	16.80

303655091224201 LOCAL WELL NUMBER: PC-81

OWNER: ROBERT CLINE. (SEC. 98, T. 5S., R. 11E.) DRILLED DOMESTIC ARTESIAN WELL IN ZONE 3 AQUIFER OF MIOCENE AGE, DIAM 2.5 IN, DEPTH REPORTED 2101 FT, SCREENED 2071-2101. MP CENTERLINE 1.5-IN PLUG, 0.7 FT ABOVE LSD.
 LSD 33.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 28.40 ABOVE LSD, JUNE 16, 1970,
 LOWEST WATER LEVEL 3.70 ABOVE LSD, JULY 20, 1976.
 RECORDS AVAILABLE 1970, 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 6, 1975	6.40	AUG. 4, 1975	6.55	FEB. 18, 1976	5.70	JULY 20, 1976	3.70
APR. 3	8.10	NOV. 19	4.60	APR. 28	6.00		

GROUND-WATER LEVELS

POINTE COUPEE PARISH

303403091330501 LOCAL WELL NUMBER: PC-138

OWNER: VILLAGE OF LIVONIA. (SEC. 16, T. 6S., R. 6E.) DRILLED UNUSED PUBLIC-SUPPLY ARTESIAN WELL IN ZONE 2 AQUIFER OF MIO-PLIOCENE AGE, DIAM 2.5 IN, DEPTH REPORTED 1637 FT, SCREENED 1617-1637. MP TOP OF 3/4-IN PLUG IN TOP OF WELL, 1.56 FT ABOVE LSD.
 LSD 27.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 16.64 BELOW LSD, MAY 23, 1973.
 LOWEST WATER LEVEL 22.64 BELOW LSD, JULY 20, 1976.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 6, 1975	22.52	AUG. 8, 1975	19.09	FEB. 18, 1976	20.44	JULY 20, 1976	22.64
APR. 3	20.54	NOV. 19	21.44	APR. 28	21.24		

305023091393601 LOCAL WELL NUMBER: PC-143

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 37, T. 3S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN ZONE 3 AQUIFER OF MIOCENE AGE, DIAM 2 IN, DEPTH 1228 FT, SCREENED 1218-1228. MP 3/8-IN HOLE IN 2-IN PLUG ATOP WELL, 2.50 FT ABOVE LSD.
 LSD 41.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 18.60 ABOVE LSD, APR. 17, 1968.
 LOWEST WATER LEVEL 3.10 ABOVE LSD, NOV. 19, 1975.
 RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 3, 1975 +	7.60	NOV. 19	+ 3.10	APR. 27, 1976 +	4.10		

305023091393602 LOCAL WELL NUMBER: PC-144

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 37, T. 3S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN ZONE 2 AQUIFER OF PLIO-MIOCENE AGE, DIAM 2 IN, DEPTH MEASURED 835 FT, SCREENED 825-835. MP CENTER OF GAGE IN BUSHING ATOP CASING, 2.66 FT ABOVE LSD.
 LSD 41.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 12.20 ABOVE LSD, APR. 17, 1968.
 LOWEST WATER LEVEL 0.96 ABOVE LSD, NOV. 19, 1975.
 RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 3, 1975 +	4.40	NOV. 19	+ 0.96	APR. 27, 1976 +	1.06		

303835091202401 LOCAL WELL NUMBER: PC-146

OWNER: GLYNN WATER WORKS. (SEC. 56, T. 5S., R. 11E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN ZONE 3 AQUIFER OF MIOCENE AGE, DIAM 4 IN, DEPTH 1785 FT, SCREENED 1765-1785. MP TOP OF SANITARY SEAL, 1.15 FT ABOVE LSD.
 LSD 33.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 4.95 BELOW LSD, JUNE 20, 1974.
 LOWEST WATER LEVEL 14.50 BELOW LSD, FEB. 6, 1975.
 RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 6, 1975	14.50	AUG. 4, 1975	9.15	FEB. 18, 1976	10.05	JULY 20, 1976	13.85
APR. 3	12.00	NOV. 19	8.45	APR. 27	12.25		

303538091232501 LOCAL WELL NUMBER: PC-154

OWNER: ALMA PLANTATION. (SEC. 48, T. 5S., R. 11E.) DRILLED INDUSTRIAL ARTESIAN WELL IN "1700-FT" SAND OF BATON ROUGE AREA OF PLIOCENE AGE, DIAM 12 IN, DEPTH 1263 FT, SCREENED 1174-1228, 1237-1263. MP 3/4-IN PLUG IN SANITARY SEAL, 1.6 FT ABOVE LSD.
 LSD 36.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 37.84 BELOW LSD, AUG. 4, 1975.
 LOWEST WATER LEVEL 44.44 BELOW LSD, FEB. 6, 1975.
 RECORDS AVAILABLE 1972-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 6, 1975	44.44	AUG. 4, 1975	37.84	APR. 27, 1976	38.74	JULY 20, 1976	42.94
APR. 3	38.24	FEB. 18, 1976	41.04				

POINTE COUPEE PARISH

303250091365001 LOCAL WELL NUMBER: PC-155

OWNER: JOHN HLANCHARD. (SEC. 31, T. 6S., R. 8E.) DRILLED DOMESTIC ARTESIAN WELL IN "1200-FT" SAND OF BATON ROUGE AREA OF PLIOCENE AGE, DIAM 4 IN, REPORTED DEPTH 990 FT, SCREENED 970-990, MP TOP OF HOLT HOLE ON NW SIDE OF SANITARY SEAL, 0.35 FT ABOVE LSD.
 LSD 25.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 19.20 BELOW LSD, AUG. 8, 1975.
 LOWEST WATER LEVEL 21.70 BELOW LSD, NOV. 30, 1972.
 RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 6, 1975	21.52	AUG. 8, 1975	19.20	FEB. 18, 1976	20.45	JULY 20, 1976	20.75
APR. 3	20.35	NOV. 19	20.45	APR. 27	20.50		

303735091211701 LOCAL WELL NUMBER: PC-156

OWNER: RICHARD GLYNN. (SEC. 50, T. 5S., R. 11E.) DRILLED DOMESTIC ARTESIAN WELL IN MISS. RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH UNKNOWN, SCREENED INTERVAL UNKNOWN, MP 1/2-IN HOLE IN SANITARY SEAL, 0.6 FT ABOVE LSD.
 LSD 35.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 6.80 BELOW LSD, APR. 17, 1973.
 LOWEST WATER LEVEL 21.32 BELOW LSD, JAN. 31, 1973.
 RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 6, 1975	11.23	AUG. 4, 1975	12.80	FEB. 18, 1976	14.00	JULY 20, 1976	17.70
APR. 3	8.65	NOV. 19	19.55	APR. 27	14.75		

ST. CHARLES PARISH

300022090241001 LOCAL WELL NUMBER: SC-9

OWNER: SHELL OIL CO. (SEC. 6, T. 12S., R. 8E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 24 IN, DEPTH 808 FT, SCREENED 673-808, MP TOP OF COVER PLATE, AT LSD.
 LSD 4.74 FT ABOVE MSL.
 HIGHEST WATER LEVEL 12.40 BELOW LSD, JAN. 19, 1950.
 LOWEST WATER LEVEL 39.98 BELOW LSD, SEP. 14, 1953.
 RECORDS AVAILABLE 1943, 1949-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1975	28.51	JAN. 5, 1976	28.41	APR. 5, 1976	28.47	JULY 5, 1976	28.69
OCT. 6	28.53H	JAN. 10	28.38	APR. 10	28.52	JULY 10	28.64
OCT. 10	28.54	JAN. 13	28.29H	APR. 15	28.62	JULY 15	28.68
OCT. 15	28.64	JAN. 15	25.25	APR. 20	28.50	JULY 20	28.99H
OCT. 20	28.40	JAN. 20	23.79	APR. 22	28.67H	JULY 25	28.86
OCT. 25	28.41	JAN. 25	27.63	APR. 25	28.82	JULY 31	28.97
OCT. 31	28.52	JAN. 31	27.91	APR. 30	28.84	AUG. 5	29.04
NOV. 5	28.76	FEB. 5	28.17	MAY 5	28.82	AUG. 10	29.02
NOV. 10	28.13	FEB. 10	28.21	MAY 10	28.65	AUG. 15	29.00
NOV. 12	28.15H	FEB. 15	28.44	MAY 15	28.66	AUG. 19	29.04H
NOV. 15	28.35	FEB. 20	28.55H	MAY 20	28.87	AUG. 20	29.04
NOV. 20	28.54	FEB. 25	28.46	MAY 25	28.77	AUG. 25	29.08
NOV. 25	28.58	FEB. 29	28.22	MAY 31	27.10	AUG. 31	29.10
NOV. 30	28.41	MAR. 5	28.18	JUNE 5	27.63	SEP. 5	29.05
DEC. 5	28.43	MAR. 10	28.06	JUNE 10	28.39	SEP. 10	28.42
DEC. 10	28.42H	MAR. 15	28.19	JUNE 11	28.47H	SEP. 14	29.00H
DEC. 15	28.31	MAR. 19	28.28H	JUNE 15	28.62	SEP. 15	28.96
DEC. 20	28.47	MAR. 20	28.28	JUNE 20	28.73	SEP. 20	29.06
DEC. 25	28.35	MAR. 25	28.37	JUNE 25	28.74	SEP. 25	29.04
DEC. 31	28.31	MAR. 31	28.38	JUNE 30	28.69	SEP. 30	29.04

GROUND-WATER LEVELS

ST. CHARLES PARISH

300022090241002 LOCAL WELL NUMBER: SC-14

OWNER: SHELL OIL CO. (SEC. 6, T. 12S., R. 8E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 18 IN, DEPTH 404 FT, SCREENED 324-404. MP TOP OF CASING, AT LSD.
 LSD 5.51 FT ABOVE MSL.
 HIGHEST WATER LEVEL 32.72 BELOW LSD, AUG. 10, 1975,
 LOWEST WATER LEVEL 90.74 BELOW LSD, SEP. 17, 1957.
 RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1975	34.80	JAN. 5, 1976	38.31	APR. 5, 1976	40.11	JULY 5, 1976	39.62
OCT. 6	34.87H	JAN. 10	37.86	APR. 10	40.07	JULY 10	39.54
OCT. 10	40.78	JAN. 13	37.64H	APR. 15	40.04	JULY 15	39.55
OCT. 15	42.03	JAN. 15	41.20	APR. 20	39.85	JULY 20	40.55H
OCT. 20	41.88	JAN. 20	41.14	APR. 22	40.01H	JULY 25	39.59
OCT. 25	41.92	JAN. 25	41.05	APR. 25	40.27	JULY 31	39.70
OCT. 31	42.58	JAN. 31	40.47	APR. 30	40.34	AUG. 5	39.72
NOV. 5	41.45	FEB. 5	40.71	MAY 5	40.17	AUG. 10	39.72
NOV. 10	41.01	FEB. 10	40.08	MAY 10	40.00	AUG. 15	39.58
NOV. 12	41.13H	FEB. 15	37.88	MAY 15	39.91	AUG. 19	39.57H
NOV. 15	41.32	FEB. 20	37.71H	MAY 20	39.96	AUG. 20	39.55
NOV. 20	34.19	FEB. 25	37.34	MAY 25	39.84	AUG. 25	39.62
NOV. 25	42.14	FEB. 29	39.83	MAY 30	39.86	AUG. 31	39.60
NOV. 30	41.52	MAR. 5	40.36	JUNE 5	39.97	SEP. 5	39.55
DEC. 5	41.51	MAR. 10	39.69	JUNE 10	39.72	SEP. 10	39.59
DEC. 10	41.62H	MAR. 15	40.35	JUNE 11	39.78H	SEP. 14	39.43H
DEC. 15	41.52	MAR. 18	40.30H	JUNE 15	39.82	SEP. 15	39.38
DEC. 20	41.81	MAR. 20	40.80	JUNE 20	39.84	SEP. 20	39.47
DEC. 25	41.68	MAR. 25	40.40	JUNE 25	39.84	SEP. 25	39.45
DEC. 31	38.56	MAR. 31	40.10	JUNE 30	39.78	SEP. 30	39.39

295635090193701 LOCAL WELL NUMBER: SC-24

OWNER: INTL. TANK TERMINAL. (SEC. 40, T. 13S., R. 9E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 18 IN, DEPTH 492 FT, SCREENED 439-492. MP TOP OF CONCRETE CURBING AROUND 18-IN CASING, 2.70 FT ABOVE LSD.
 LSD 12.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 12.44 BELOW LSD, APR. 20, 1976,
 LOWEST WATER LEVEL 29.45 BELOW LSD, NOV. 4, 1965.
 RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 4, 1975	14.55	NOV. 11, 1975	15.53	APR. 20, 1976	12.44	SEP. 13, 1976	15.34

295556090214201 LOCAL WELL NUMBER: SC-80

OWNER: AMBROSE CHAMPAGNE. (SEC. 15, T. 13S., R. 21E.) DRILLED UNUSED ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 1.25 IN, DEPTH 256 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF FITTING IN TOP OF TEE ATOP CASING, 0.9 FT ABOVE LSD.
 LSD 13.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 9.97 BELOW LSD, APR. 3, 1975,
 LOWEST WATER LEVEL 28.40 BELOW LSD, JAN. 30, 1957.
 RECORDS AVAILABLE 1957-61, 1963, 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 3, 1975	9.97	NOV. 10	12.70	APR. 20, 1976	11.99		

295950090263001 LOCAL WELL NUMBER: SC-82

OWNER: LA. POWER & LIGHT CO. (SEC. 26, T. 12S., R. 20E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 373 FT, SCREENED INTERVAL UNKNOWN. MP TOP EDGE OF HOLE IN 4-IN CAP AT TOP OF 4-IN CASING EXTENSION, 4.69 FT ABOVE LSD.
 LSD 12.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 10.26 BELOW LSD, APR. 18, 1974,
 LOWEST WATER LEVEL 28.40 BELOW LSD, JAN. 30, 1957.
 RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 23, 1975	21.20	JULY 17, 1975	19.56	FEB. 17, 1976	21.17	JULY 20, 1976	21.66
APR. 3	19.66	NOV. 10	22.64	APR. 20	20.38	SEP. 13	22.64

ST. CHARLES PARISH

295633090193101 LOCAL WELL NUMBER: SC-102

OWNER: U. S. GEOL. SURVEY. (SEC. 40, T. 13S., R. 9E.) AUGERED OBSERVATION ARTESIAN WELL IN POINT-BAR DEPOSITS OF HOLOCENE AGE, DIAM 1 1/4 IN, DEPTH 62.5 FT, SCREENED 60-62.5, MP TOP OF CASING, AT LSU.

LSL 12.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 1.75 ABOVE LSL, MAY 18, 1973.

LOWEST WATER LEVEL 10.61 BELOW LSL, NOV. 16, 1962.

RECORDS AVAILABLE 1960-66, 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 4, 1975	1.03	NOV. 11, 1975	4.90	APR. 20, 1976	3.40	SEP. 13, 1976	9.29

ST. HELENA PARISH

304051090385401 LOCAL WELL NUMBER: SH-7

OWNER: ST. HELENA WATER SYSTEMS, INC. (SEC. 51, T. 4S., R. 6E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HYDRAULIC ZONE 3 SAND OF MIOCENE AGE, DIAM 4 IN, DEPTH 2082 FT, SCREENED 2052-2082, MP HOLE IN SANITARY SEAL, 2.00 FT ABOVE LSL.

LSL 130.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 39.10 ABOVE LSL, MAR. 18, 1955.

LOWEST WATER LEVEL 16.19 BELOW LSL, JAN. 13, 1976.

RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 5, 1975	15.00	JAN. 13, 1976	16.19	APR. 19, 1976	13.10	JULY 8, 1976	14.70

305300090502701 LOCAL WELL NUMBER: SH-9

OWNER: HILLUPS PETROLEUM CO. (SEC. 73, T. 2S., R. 4E.) DRILLED DOMESTIC AND STOCK ARTESIAN WELL IN HYDRAULIC ZONE 3 SAND OF MIOCENE AGE, DIAM 4 IN, DEPTH 2135 FT, SCREENED 2106-2135, MP 3/8-IN HOLE IN TOP OF WELL SEAL, 1.28 FT ABOVE LSL.

LSL 165.00 FT ABOVE MSL.

HIGHEST WATER LEVEL 54.56 BELOW LSL, SEP. 13, 1960.

LOWEST WATER LEVEL 73.86 BELOW LSL, JAN. 6, 1976.

RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 16, 1975	71.74	SEP. 8, 1975	72.70	JAN. 6, 1976	73.86	JULY 8, 1976	73.12
MAR. 25	71.52	NOV. 5	73.27	APR. 19	72.82		

ST. JAMES PARISH

295906090502001 LOCAL WELL NUMBER: SJ-24

OWNER: L.R. GRAMMILLION. (SEC. 8, T. 12S., R. 16E.) DRILLED STOCK ARTESIAN WELL IN GRAMERCY AQUIFER OF PLISTOCENE AGE, DIAM 4 IN, DEPTH 281 FT, SCREENED INTERVAL UNKNOWN, MP TOP INSIDE EDGE OPENING IN TEL, 0.99 FT ABOVE LSL.

LSL 11.79 FT ABOVE MSL.

HIGHEST WATER LEVEL 3.75 ABOVE LSL, MAY 17, 1973.

LOWEST WATER LEVEL 25.50 BELOW LSL, AUG. 6, 1957.

RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 3, 1975	2.36	NOV. 10, 1975	11.17	APR. 30, 1976	3.59	SEP. 13, 1976	7.69

300449090520201 LOCAL WELL NUMBER: SJ-41

OWNER: HELVETIA SUGAR COOP. INC. (SEC. 38, T. 11S., R. 3E.) DRILLED INDUSTRIAL ARTESIAN WELL IN NORCO AQUIFER OF PLISTOCENE AGE, DIAM 8 IN, DEPTH 441 FT, SCREENED 399-441, MP TOP OF 8-IN CASING COLLAR, 1.0 FT ABOVE LSL.

LSL 17.80 FT ABOVE MSL.

HIGHEST WATER LEVEL 0.10 BELOW LSL, APR. 18, 1973.

LOWEST WATER LEVEL 15.65 BELOW LSL, OCT. 15, 1973.

RECORDS AVAILABLE 1948, 1958-64, 1966-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 4, 1975	0.24	APR. 20, 1976	6.85	SEP. 14, 1976	14.07		

GROUND-WATER LEVELS

ST. JAMES PARISH

300024090433501 LOCAL WELL NUMBER: SJ-86

OWNER: DELPHINE PLANTING CO. (SEC. 20, T. 12S., R. 17E.) DRILLED UNUSED ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 3 IN, DEPTH 290 FT, SCREENED 280-290. MP TOP OF CASING COLLAR, 1.0 FT ABOVE LSD.
 LSD 18.30 FT ABOVE MSL.
 HIGHEST WATER LEVEL 3.97 BELOW LSD, APR. 16, 1973.
 LOWEST WATER LEVEL 19.00 BELOW LSD, OCT. 31, 1963.
 RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 12, 1975	6.54	NOV. 10, 1975	13.66	APR. 20, 1976	10.14	SEP. 13, 1976	16.45
JULY 16	10.27	FEB. 17, 1976	11.81	JULY 20	13.60		

300433090403701 LOCAL WELL NUMBER: SJ-186

OWNER: U. S. GEOL. SURVEY. (SEC. 47, T. 11S., R. 5E.) DRILLED OBSERVATION ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 230 FT, SCREENED 220-230. MP TOP OF 2-IN CASING, 1.00 FT ABOVE LSD.
 LSD 4.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 3.20 ABOVE LSD, MAY 15, 1975.
 LOWEST WATER LEVEL 7.07 BELOW LSD, SEP. 14, 1976.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 9, 1974	3.98	JULY 17, 1975	0.83	DEC. 10, 1975	4.34	APR. 20, 1976	1.12
FEB. 25, 1975	6.80	AUG. 19	3.18	JAN. 13, 1976	2.77	JUNE 11	3.98
APR. 4	2.50	SEP. 23	4.09	FEB. 17	1.88	AUG. 19	6.13
MAY 15	3.20	NOV. 12	4.45	MAR. 18	0.50	SEP. 14	7.07
JUNE 25	1.00						

ST. JOHN THE BAPTIST PARISH

300240090265601 LOCAL WELL NUMBER: SJB-17

OWNER: J. ESPARRON. (SEC. 54, T. 11S., R. 7E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 310 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF HOLE IN PLATE, 1.00 FT ABOVE LSD.
 LSD 5.76 FT ABOVE MSL.
 HIGHEST WATER LEVEL 17.84 BELOW LSD, JULY 17, 1975.
 LOWEST WATER LEVEL 41.59 BELOW LSD, JAN. 23, 1957.
 RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1975	19.48	FEB. 17, 1976	20.12	JULY 20, 1976	21.20	SEP. 14, 1976	21.66
NOV. 12	20.75	APR. 20	19.81				

300408090375401 LOCAL WELL NUMBER: SJB-21

OWNER: TROUXCLAIR BROS. (SEC. 73, T. 11S., R. 5E.) DRILLED UNUSED ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 1/2 IN, DEPTH 241 FT, SCREENED 231-241. MP TOP OF REDUCER, 0.55 FT ABOVE LSD.
 LSD 4.42 FT ABOVE MSL.
 HIGHEST WATER LEVEL 3.73 ABOVE LSD, MAY 17, 1973.
 LOWEST WATER LEVEL 9.01 BELOW LSD, DEC. 10, 1963.
 RECORDS AVAILABLE 1950, 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 4, 1975	3.05	APR. 20, 1976	1.31	SEP. 14, 1976	7.05		

ST. JOHN THE BAPTIST PARISH

300420090344201 LOCAL WELL NUMBER: SJB-53

OWNER: GULF STATES LAND AND INDUSTRIES INC. (SEC. 32 T. 11S., R. 6E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 345 FT, SCREENED 305-345. MP TOP 2-IN NIPPLE, 2.91 FT ABOVE LSD.
 LSD 9.35 FT ABOVE MSL.
 HIGHEST WATER LEVEL 3.09 BELOW LSD, MAY 17, 1973,
 LOWEST WATER LEVEL 15.12 BELOW LSD, OCT. 6, 1970.
 RECORDS AVAILABLE 1960-71, 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 12, 1975	10.81	APR. 20, 1976	6.87	SEP. 14, 1976	11.07		

300234090390304 LOCAL WELL NUMBER: SJB-144

OWNER: U. S. GEOL. SURVEY. (SEC. 18, T. 12S., R. 18E.) DRILLED OBSERVATION ARTESIAN WELL IN OLDER DELTAIC DEPOSITS OF PLEISTOCENE AGE, DIAM 4 TO 2 IN, DEPTH 170 FT, SCREENED 158-170. MP TOP OF 4-IN CAP, 3.22 FT ABOVE LSD.
 LSD 17.75 FT ABOVE MSL.
 HIGHEST WATER LEVEL 3.15 ABOVE LSD, MAY 17, 1973,
 LOWEST WATER LEVEL 15.37 BELOW LSD, DEC. 11, 1963.
 RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 23, 1975	3.15	JULY 16, 1975	7.56	JAN. 14, 1976	5.70	JUNE 10, 1976	10.46
FEB. 24	1.20	AUG. 18	11.00	FEB. 17	8.37	JULY 20	10.93
APR. 3	2.00	OCT. 2	11.05	MAR. 23	4.33	AUG. 31	14.15
MAY 14	1.39	NOV. 10	10.45	APR. 20	6.54	SEP. 13	14.44
JUNE 26	4.58	DEC. 11	10.60				

300234090390301 LOCAL WELL NUMBER: SJB-145

OWNER: U. S. GEOL. SURVEY. (SEC. 18, T. 12S., R. 18E.) DRILLED OBSERVATION ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 IN, DEPTH 315 FT, SCREENED 305-315. MP TOP OF 4-IN CAP, 2.60 FT ABOVE LSD.
 LSD 17.51 FT ABOVE MSL.
 HIGHEST WATER LEVEL 3.91 BELOW LSD, MAY 17, 1973,
 LOWEST WATER LEVEL 21.34 BELOW LSD, JAN. 13, 1964.
 RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1975	16.04	JAN. 14, 1976	11.55	APR. 20, 1976	12.19	AUG. 31, 1976	17.04
NOV. 10	15.90	FEB. 17	13.49	JUNE 10	15.32	SEP. 13	19.04
DEC. 11	15.15	MAR. 23	10.33	JULY 20	16.24		

300310090281702 LOCAL WELL NUMBER: SJB-163B

OWNER: GUY REINE. (SEC. 30, T. 11S., R. 7E.) DRILLED DOMESTIC ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 IN, DEPTH 635 FT, SCREENED 625-635. MP TOP OF 4-IN CASING COLLAR, 3.35 FT. ABOVE LSD.
 LSD 10.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 21.05 BELOW LSD, MAY 22, 1973,
 LOWEST WATER LEVEL 23.21 BELOW LSD, SEP. 14, 1976.
 RECORDS AVAILABLE 1971-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1975	22.27	JULY 17, 1975	22.27	FEB. 17, 1976	22.76	JULY 20, 1976	22.95
APR. 4	21.87	NOV. 12	22.31	APR. 20	22.96	SEP. 14	23.21

ST. MARTIN PARISH

300506091545201 LOCAL WELL NUMBER: SMN-20

OWNER: SMEDES BROS., INC. (IRREG. SEC. 13, T. 11S., R. 5E.) DRILLED UNUSED ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 IN, REPORTED DEPTH 285 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF GASKET ON AIRLINE DISCONNECT, 3.30 FT ABOVE LSD.
 LSD 30.57 FT ABOVE MSL.
 HIGHEST WATER LEVEL 16.57 BELOW LSD, JULY 9, 1946,
 LOWEST WATER LEVEL 29.28 BELOW LSD, SEP. 12, 1963.
 RECORDS AVAILABLE 1944-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	23.76	MAR. 1, 1976	24.86				

GROUND-WATER LEVELS

ST. MARTIN PARISH

302406091521801 LOCAL WELL NUMBER: SMN-63

OWNER: SIDNEY WILLIS. (IRREG. SEC. 48, T. 7S., R. 6E.) DRILLED DOMESTIC AND STOCK ARTESIAN WELL IN SAND OF PLEISTOCENE AGE, DIAM 4 IN, REPORTED DEPTH 200 FT, SCREENED 180-200. MP FLOOR OF WELL HOUSE, 1.09 FT ABOVE LSD.
 LSD 17.43 FT ABOVE MSL.
 HIGHEST WATER LEVEL 0.04 BELOW LSD, MAR. 20, 1950.
 LOWEST WATER LEVEL 17.43 BELOW LSD, SEP. 8, 1947.
 RECORDS AVAILABLE 1944-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	6.38	MAR. 1, 1976	9.63				

300620092474501 LOCAL WELL NUMBER: SMN-68

OWNER: A. R. FUSELIER. (IRREG. SEC. 7, T. 11S., R. 7E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 IN, REPORTED DEPTH 200 FT, SCREENED 170-200. MP LOWER LIP OF DISCHARGE PIPE, 10.07 FT ABOVE LSD.
 LSD 15.37 FT ABOVE MSL.
 HIGHEST WATER LEVEL 1.68 BELOW LSD, MAR. 21, 1950.
 LOWEST WATER LEVEL 11.60 BELOW LSD, FEB. 26, 1970.
 RECORDS AVAILABLE 1944-72, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	9.46	MAR. 1, 1976	10.75				

301459091565601 LOCAL WELL NUMBER: SMN-88

OWNER: SKELLY OIL CO. (IRREG. SEC. 72, T. 9S., R. 5E.) DRILLED UNUSED ARTESIAN WELL IN SAND OF PLEISTOCENE AGE, DIAM 4 IN, REPORTED DEPTH 200 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF AIRLINE PIPE, 5.03 FT ABOVE LSD.
 LSD 17.75 FT ABOVE MSL.
 HIGHEST WATER LEVEL 5.35 BELOW LSD, MAR. 20, 1950.
 LOWEST WATER LEVEL 17.95 BELOW LSD, FEB. 26, 1970.
 RECORDS AVAILABLE 1949-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	13.75	MAR. 1, 1976	14.21				

301642091412001 LOCAL WELL NUMBER: SMN-102

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 9S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 1/2 IN, DEPTH 186 FT, SCREENED 176-186. MP TOP OF 2-IN CASING, 1.70 FT ABOVE LSD.
 LSD 21.87 FT ABOVE MSL.
 HIGHEST WATER LEVEL 3.50 BELOW LSD, APR. 29, 1975.
 LOWEST WATER LEVEL 18.93 BELOW LSD, SEP. 17, 1976.
 RECORDS AVAILABLE 1964-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1975	16.01	FEB. 23, 1976	13.76	MAY 24, 1976	12.79	AUG. 16, 1976	17.50
DEC. 5	15.88	MAR. 1	12.84	JULY 6	15.28	SEP. 17	18.93
JAN. 16, 1976	12.97	APR. 21	9.99				

301308091521001 LOCAL WELL NUMBER: SMN-103

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 88, T. 9S., R. 6E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 1/2 IN, DEPTH 145 FT, SCREENED 135-145. MP TOP OF 2-IN CASING, 2.10 FT ABOVE LSD.
 LSD 23.93 FT ABOVE MSL.
 HIGHEST WATER LEVEL 12.65 BELOW LSD, FEB. 27, 1974.
 LOWEST WATER LEVEL 21.96 BELOW LSD, NOV. 19, 1969.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 14, 1975	14.60	FEB. 25, 1975	15.33	MAR. 26, 1975	14.80	MAR. 1, 1976	16.80

301434091465401 LOCAL WELL NUMBER: SMN-104

OWNER: PAN AMERICAN PET. CO. (SEC. 20, T. 9S., R. 7E.) DRILLED INDUSTRIAL ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, REPORTED DEPTH 199 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 1/2-IN BUSHING, 1.59 FT ABOVE LSD.
 LSD 8.44 FT ABOVE MSL.
 HIGHEST WATER LEVEL 2.49 ABOVE LSD, APR. 27, 1965.
 LOWEST WATER LEVEL 3.50 BELOW LSD, JULY 28, 1964.
 RECORDS AVAILABLE 1964-72, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975 +	0.14	MAR. 1, 1975	1.13				

301304091424001 LOCAL WELL NUMBER: SMN-108

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 9S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 505 FT, SCREENED 500-505. MP TOP OF 2-IN CASING, 2.72 FT ABOVE LSD.
 LSD 11.34 FT ABOVE MSL.
 HIGHEST WATER LEVEL 3.54 ABOVE LSD, APR. 13, 1973.
 LOWEST WATER LEVEL 6.06 BELOW LSD, DEC. 17, 1965.
 RECORDS AVAILABLE 1965-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975 +	1.40	MAR. 20, 1975 +	2.51	FEB. 11, 1976	3.63	MAR. 1, 1976	3.73

301304091424002 LOCAL WELL NUMBER: SMN-109

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 9S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 375 FT, SCREENED 370-375. MP TOP OF 2-IN CASING, 2.40 FT ABOVE LSD.
 LSD 11.34 FT ABOVE MSL.
 HIGHEST WATER LEVEL 2.94 ABOVE LSD, FEB. 27, 1974.
 LOWEST WATER LEVEL 6.00 BELOW LSD, DEC. 17, 1965.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975 +	1.40	MAR. 20, 1975 +	2.45	FEB. 11, 1976	3.92	MAR. 1, 1976	3.94

300947091472102 LOCAL WELL NUMBER: SMN-134B

OWNER: U. S. GEOL. SURVEY. (SEC. 47, T. 10S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 846 FT, SCREENED 836-846. MP TOP OF 2-IN CASING, 3.5 FT ABOVE LSD.
 LSD 20.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 10.42 BELOW LSD, JUNE 4, 1975.
 LOWEST WATER LEVEL 15.50 BELOW LSD, SEP. 17, 1976.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 4, 1975	10.42	OCT. 24, 1975	13.27	FEB. 23, 1976	13.50	AUG. 16, 1976	14.76
JUNE 30	10.74	DEC. 5	14.86	APR. 21	12.56	SEP. 17	15.50
AUG. 5	11.30	JAN. 16, 1976	13.74	JULY 6	14.03		

301512091503002 LOCAL WELL NUMBER: SMN-135B

OWNER: U. S. GEOL. SURVEY. (SEC. 15, T. 9S., R. 6E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 658 FT, SCREENED 648-658. MP TOP OF 2-IN CASING, 3.0 FT ABOVE LSD.
 LSD 15.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 7.61 BELOW LSD, JUNE 4, 1975.
 LOWEST WATER LEVEL 14.15 BELOW LSD, SEP. 17, 1976.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 4, 1975	7.61	DEC. 5, 1975	12.22	FEB. 23, 1976	11.38	JULY 6, 1976	12.35
AUG. 5	8.77	JAN. 16, 1976	11.69	APR. 21	10.13	SEP. 17	14.15
OCT. 24	11.57						

GROUND-WATER LEVELS

ST. MARY PARISH

294749091402301 LOCAL WELL NUMBER: SM-57U

OWNER: U. S. GEOL. SURVEY. (SEC. 27, T. 14S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 638 FT, SCREENED 628-638. MP TOP OF 1 1/2-IN PIPE, 2.50 FT ABOVE LSD.
 LSD 8.72 FT ABOVE MSL.
 HIGHEST WATER LEVEL 6.40 BELOW LSD, APR. 15, 1965.
 LOWEST WATER LEVEL 9.18 BELOW LSD, SEP. 23, 1971.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1975	7.65	JUNE 30, 1975	7.04	DEC. 5, 1975	8.79	APR. 21, 1976	7.48
MAR. 20	7.43	AUG. 5	6.95	JAN. 16, 1976	8.50	JUNE 30	8.32
APR. 30	6.85	SEP. 22	6.76	MAR. 1	8.04	AUG. 16	8.79
JUNE 6	7.01	OCT. 24	7.44	MAR. 17	8.11	SEP. 17	8.76

294749091402302 LOCAL WELL NUMBER: SM-57L

OWNER: U. S. GEOL. SURVEY. (SEC. 27, T. 14S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 1/2 IN, DEPTH 738 FT, SCREENED 728-738. MP TOP OF 1 1/2-IN PIPE, 2.50 FT ABOVE LSD.
 LSD 8.72 FT ABOVE MSL.
 HIGHEST WATER LEVEL 7.54 BELOW LSD, AUG. 16, 1973.
 LOWEST WATER LEVEL 11.93 BELOW LSD, OCT. 22, 1970.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1975	8.56	MAR. 1, 1976	9.16	APR. 21, 1976	8.61	AUG. 16, 1976	9.89
DEC. 5	9.93	MAR. 17	9.22	JUNE 30	9.40	SEP. 17	9.87
JAN. 16, 1976	9.63						

295314091312101 LOCAL WELL NUMBER: SM-58

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 30, T. 13S., R. 9E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 194 FT, SCREENED 188-194. MP TOP OF 2-IN CASING, 2.0 FT ABOVE LSD.
 LSD 10.37 FT ABOVE MSL.
 HIGHEST WATER LEVEL 3.35 BELOW LSD, FEB. 24, 1974.
 LOWEST WATER LEVEL 6.39 BELOW LSD, MAR. 4, 1968, FEB. 16, 1971.
 RECORDS AVAILABLE 1966-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1975	4.08	MAR. 1, 1976	5.32				

ST. TAMMANY PARISH

302055090014601 LOCAL WELL NUMBER: ST-12

OWNER: PARKS AND REC. COMM. (SEC. 37, T. 8S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN HYDRAULIC ZONE 1 SAND OF PLEISTOCENE AGE, DIAM 6 IN, DEPTH 1525 FT, SCREENED INTERVAL UNKNOWN. MP CENTERLINE OF 4-IN TEE, 2.3 FT BELOW LSD (SINCE 7/10/75).
 LSD 7.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 55.90 ABOVE LSD, JULY 25, 1940.
 LOWEST WATER LEVEL 23.50 ABOVE LSD, JAN. 7, 1970.
 RECORDS AVAILABLE 1939-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 1, 1975 +	29.70	APR. 21, 1976 +	27.70	JULY 9, 1976 +	26.30	SEP. 23, 1976 +	27.70
FEB. 12, 1976 +	29.70						

303529089550601 LOCAL WELL NUMBER: ST-16

OWNER: BOGALUSA TUNG OIL CO. (SEC. 29, T. 55., R. 13E.) DRILLED UNUSED ARTESIAN WELL IN HYDRAULIC ZONE 2 SAND OF MIO-PLIOCENE AGE, DIAM 4 IN, REPORTED DEPTH 1000 FT, SCREENED INTERVAL UNKNOWN. MP CENTER LINE OF DISCHARGE PIPE, 4.0 FT ABOVE LSD.
 LSD 78.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 38.10 ABOVE LSD, JULY 11, 1946.
 LOWEST WATER LEVEL 11.10 ABOVE LSD, SEP. 23, 1976.
 RECORDS AVAILABLE 1939-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 2, 1975	+ 19.80	MAY 5, 1976	+ 17.20	JULY 12, 1976	+ 17.80	SEP. 23, 1976	+ 11.10

302854090010601 LOCAL WELL NUMBER: ST-449

OWNER: A. T. FLOT. (SEC. 32, T. 6S., R. 12E.) DRILLED DOMESTIC ARTESIAN WELL IN HYDRAULIC ZONE 1 SAND OF PLIOCENE AGE, DIAM 2.5 IN, REPORTED DEPTH 615 FT, SCREENED 585-615. MP CENTER LINE OF HORIZONTAL PIPE, 2.1 FT ABOVE LSD.
 LSD 35.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 10.90 ABOVE LSD, JUNE 20, 1950.
 LOWEST WATER LEVEL 3.30 ABOVE LSD, OCT. 30, 1956.
 RECORDS AVAILABLE 1950-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 2, 1975	+ 6.90						

302852090010601 LOCAL WELL NUMBER: ST-545

OWNER: A. T. FLOT. (SEC. 32, T. 6S., R. 12E.) DRILLED DOMESTIC ARTESIAN WELL IN HYDRAULIC ZONE 2 SAND OF MIO-PLIOCENE AGE, DIAM 2.5 IN, REPORTED DEPTH 1598 FT, SCREENED 1548-1598. MP TOP EDGE OF CEMENT-BLOCK SECTION OF BUNKHOUSE WALL, 3.0 FT BELOW LSD.
 LSD 35.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 97.00 ABOVE LSD, MAR. 11, 1953.
 LOWEST WATER LEVEL 52.10 ABOVE LSD, SEP. 20, 1976.
 RECORDS AVAILABLE 1953-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 2, 1975	+ 56.20	APR. 21, 1976	+ 57.00	JULY 9, 1976	+ 54.80	SEP. 20, 1976	+ 52.10
FEB. 12, 1976	+ 57.00						

303522090105201 LOCAL WELL NUMBER: ST-558

OWNER: S. PULTIZER. (SEC. 27, T. 5S., R. 10E.) DRILLED DOMESTIC ARTESIAN WELL IN HYDRAULIC ZONE 3 SAND OF MIOCENE AGE, DIAM 3 IN, DEPTH 2431 FT, SCREENED 2381-2431. MP TOP OF CONCRETE RIM OF SWIM POOL NEAR 2-IN OUTLET, 2.0 FT ABOVE LSD.
 LSD 112.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 42.00 ABOVE LSD, JULY 7, 1956.
 LOWEST WATER LEVEL 4.80 ABOVE LSD, SEP. 23, 1976.
 RECORDS AVAILABLE 1956, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 2, 1975	+ 8.50	APR. 22, 1976	+ 4.90	JULY 8, 1976	+ 6.40	SEP. 23, 1976	+ 4.80
FEB. 11, 1976	+ 8.10	JUNE 15	+ 5.00				

302406090093101 LOCAL WELL NUMBER: ST-562

OWNER: TOWN OF MADISONVILLE. (SEC. 39, T. 7S., R. 10E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HYDRAULIC ZONE 2 SAND OF MIO-PLIOCENE AGE, DIAM 4 IN, DEPTH 1901 FT, SCREENED 1840-1901. MP CENTER LINE OF 4-IN DISCHARGE LINE, 3.1 FT ABOVE LSD.
 LSD 4.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 119.20 ABOVE LSD, NOV. 17, 1961.
 LOWEST WATER LEVEL 87.90 ABOVE LSD, SEP. 23, 1976.
 RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 1, 1975	+ 92.90	MAY 5, 1976	+ 89.90	JULY 12, 1976	+ 89.10	SEP. 23, 1976	+ 87.90
FEB. 12, 1976	+ 92.10						

GROUND-WATER LEVELS

ST. TAMMANY PARISH

301536089470901 LOCAL WELL NUMBER: ST-563

OWNER: TOWN OF SLIDELL. (SEC. 15, T. 9S., R. 14E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HYDRAULIC ZONE 2 SAND OF MIO-PLIOCENE AGE, DIAM 10, DEPTH 2411 FT, SCREENED 2262-2411. MP CENTER LINE OF FAUCET ON DISCHARGE LINE, 3.5 FT ABOVE LSD.
 LSD 4.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 118.90 ABOVE LSD, JUNE 12, 1958.
 LOWEST WATER LEVEL 72.30 ABOVE LSD, SEP. 23, 1976.
 RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 1, 1975	+ 77.50	APR. 21, 1976	+ 75.90	JULY 9, 1976	+ 75.50	SEP. 23, 1976	+ 72.30
FEB. 12, 1976	+ 79.50						

303010090120701 LOCAL WELL NUMBER: ST-615

OWNER: U. S. GEOL. SURVEY. (SEC. 28, T. 6S., R. 10E.) AUGERED OBSERVATION ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 34 FT, SCREENED 32-34. MP TOP OF CASING, 2.3 FT ABOVE LSD.
 LSD 38.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 2.51 BELOW LSD, JAN. 11, 1972.
 LOWEST WATER LEVEL 9.48 BELOW LSD, DEC. 4, 1968.
 RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 21, 1975	5.39	SEP. 23, 1975	3.21	FEB. 9, 1976	3.55	JULY 12, 1976	7.17
MAY 1	4.44	DEC. 1	4.93	APR. 19	4.36	SEP. 23	8.85
JULY 7	3.82						

303159090110001 LOCAL WELL NUMBER: ST-652

OWNER: WILLY CORE. (SEC. 15, T. 6S., R. 10E.) DRILLED RECREATION ARTESIAN WELL IN HYDRAULIC ZONE 3 SAND OF MIOCENE AGE, DIAM 10 IN, DEPTH 3354 FT, SCREENED 3269-3354. MP CENTER LINE OF HORIZONTAL 10-IN PIPE, 3.0 FT ABOVE LSD.
 LSD 44.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 95.80 ABOVE LSD, MAY 2, 1969.
 LOWEST WATER LEVEL 79.00 ABOVE LSD, JULY 8, 1976.
 RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 21, 1975	+ 86.80	SEP. 22, 1975	+ 83.00	FEB. 12, 1976	+ 88.00	JULY 8, 1976	+ 79.00B
MAY 1	+ 87.00	DEC. 2	+ 88.00	APR. 22	+ 87.00	SEP. 23	+ 80.60B

301839089493801 LOCAL WELL NUMBER: ST-661

OWNER: ALBERT L. STONE. (SEC. 37, T. 8S., R. 10E.) DRILLED DOMESTIC ARTESIAN WELL IN HYDRAULIC ZONE 2 SAND OF MIO-PLIOCENE AGE, DIAM 2 IN, DEPTH 2240 FT, SCREENED 2200-2220. MP CENTER OF 2-IN DISCHARGE LINE, 0.95 FT ABOVE LSD.
 LSD 16.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 87.45 ABOVE LSD, FEB. 20, 1969.
 LOWEST WATER LEVEL 65.00 ABOVE LSD, SEP. 23, 1976.
 RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 21, 1975	+ 72.90	SEP. 23, 1975	+ 70.00	FEB. 12, 1976	+ 69.80	JULY 9, 1976	+ 68.00
MAY 6	+ 71.80	DEC. 1	+ 70.00	APR. 21	+ 69.00	SEP. 23	+ 65.00
JULY 10	+ 71.00						

TANGIPAHOA PARISH

302606090263401 LOCAL WELL NUMBER: TA-7

OWNER: TOWN OF PONCHATOUA. (SEC. 18, T. 7S., R. 8E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN UNDIFFERENTIATED DEPOSITS OF QUATERNARY AGE, DIAM 6 IN, REPORTED DEPTH 654 FT, SCREENED INTERVAL UNKNOWN. MP IS TOP OF TEE AT WELL, 0.73 FT ABOVE LSD.
 LSD 22.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 11.60 ABOVE LSD, AUG. 8, 1939, FEB. 3, 1942.
 LOWEST WATER LEVEL 1.42 ABOVE LSD, JULY 21, 1971.
 RECORDS AVAILABLE 1939-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 13, 1976	+ 5.57	MAY 4	+ 5.23	JULY 12, 1976	+ 5.43		

302445090220001 LOCAL WELL NUMBER: TA-19

OWNER: VICTOR STEVENS. (SEC. 26, T. 7S., R. 8E.) DRILLED DOMESTIC AND IRRIGATION ARTESIAN WELL IN UNDIFFERENTIATED DEPOSITS OF QUATERNARY AGE, DIAM 2 IN, REPORTED DEPTH 535 FT, SCREENED 515-535, MP TOP OF CONCRETE SIDEWALK LEVEL WITH LSD.
 LSD 5.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 20.70 ABOVE LSD, APR. 3, 1947.
 LOWEST WATER LEVEL 10.50 ABOVE LSD, MAR. 10, 1967.
 RECORDS AVAILABLE 1939-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 10, 1975 +	15.70	JAN. 9, 1976 +	15.70	MAY 4, 1976 +	13.90	JULY 12, 1976 +	15.00

302549090222601 LOCAL WELL NUMBER: TA-242

OWNER: BYRON STEVENS. (SEC. 23, T. 7S., R. 8E.) DRILLED IRRIGATION ARTESIAN WELL IN HYDRAULIC ZONE 1 SAND OF PLIOCENE AGE, DIAM 2 IN, DEPTH 405 FT, SCREENED INTERVAL UNKNOWN, MP TOP OF 2-IN TEE, 1.0 FT ABOVE LSD.
 LSD 20.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 14.90 ABOVE LSD, APR. 3, 1947.
 LOWEST WATER LEVEL 7.30 ABOVE LSD, MAY 9, 1963.
 RECORDS AVAILABLE 1944-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 10, 1975 +	11.00	MAY 4, 1976 +	9.10				

302956090274201 LOCAL WELL NUMBER: TA-253

OWNER: CITY OF HAMMOND. (SEC. 25, T. 6S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HYDRAULIC ZONE 3 SAND OF MIOCENE AGE, DIAM 8 IN, DEPTH 2190 FT, SCREENED 2070-2190, MP TOP OF HORIZONTAL DISCHARGE PIPE, 2.0 FT ABOVE LSD.
 LSD 35.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 106.03 ABOVE LSD, DEC. 16, 1952.
 LOWEST WATER LEVEL 66.00 ABOVE LSD, JAN. 12, 1970, JAN. 13, 1976.
 RECORDS AVAILABLE 1952-63, 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 7, 1975 +	69.50	JAN. 13, 1976 +	66.00	APR. 22, 1976 +	69.70	JULY 14, 1976 +	69.00

304550090304101 LOCAL WELL NUMBER: TA-260

OWNER: TOWN OF ROSELAND. (SEC. 28, T. 3S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HYDRAULIC ZONE 3 SAND OF MIOCENE AGE, DIAM 4 IN, DEPTH 2013 FT, SCREENED 1951-2013, MP TOP OF 0.75-IN VALVE, 3.65 FT ABOVE LSD.
 LSD 130.86 FT ABOVE MSL.
 HIGHEST WATER LEVEL 34.65 ABOVE LSD, MAY 5, 1953.
 LOWEST WATER LEVEL 10.93 BELOW LSD, OCT. 2, 1974.
 RECORDS AVAILABLE 1953-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 10, 1975	9.05	APR. 22, 1976	9.77				

303806090295903 LOCAL WELL NUMBER: TA-262

OWNER: TOWN OF INDEPENDENCE. (SEC. 10, T. 5S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HYDRAULIC ZONE 3 SAND OF MIOCENE AGE, DIAM 3 IN, DEPTH 2316 FT, SCREENED INTERVAL UNKNOWN, MP TOP OF 4-IN TEE, 2.4 FT ABOVE LSD.
 LSD 85.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 79.80 ABOVE LSD, JAN. 6, 1954.
 LOWEST WATER LEVEL 20.40 ABOVE LSD, JULY 9, 1976.
 RECORDS AVAILABLE 1954-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 10, 1975 +	21.40	JAN. 8, 1976 +	21.00	APR. 22, 1976 +	20.90	JULY 9, 1976 +	20.40

GROUND-WATER LEVELS

TANGIPAHOA PARISH

302957090274001 LOCAL WELL NUMBER: TA-268

OWNER: CITY OF HAMMOND. (SEC. 25, T. 6S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HYDRAULIC ZONE 3 SAND OF MIOCENE AGE, DIAM 8 IN, DEPTH 2449 FT, SCREENED 2365-2449, MP CENTERLINE OF SOUTH 6-IN DISCHARGE LINE, 2.10 FT ABOVE LSD.
 LSD 35.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 120.60 ABOVE LSD, JAN. 25, 1957.
 LOWEST WATER LEVEL 36.10 ABOVE LSD, SEP. 27, 1976.
 RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1975	+ 46.10	JULY 14, 1975	+ 42.10	JAN. 9, 1976	+ 42.20	JUNE 7, 1976	+ 38.30
FEB. 27	+ 44.30	AUG. 14	+ 42.10	FEB. 11	+ 46.70	JULY 14	+ 39.10
MAR. 26	+ 46.60	SEP. 12	+ 39.60	MAR. 16	+ 43.10	AUG. 18	+ 38.10
MAY 1	+ 46.10	NOV. 7	+ 39.60	APR. 22	+ 39.40	SEP. 27	+ 36.10
JUNE 9	+ 45.10	DEC. 3	+ 40.40				

302519090311401 LOCAL WELL NUMBER: TA-273

OWNER: DOMINICAN SISTERS CONVENT. (SEC. 44, T. 7S., R. 7E.) DRILLED DOMESTIC ARTESIAN WELL IN HYDRAULIC ZONE 3 SAND OF MIOCENE AGE, DIAM 3 IN, DEPTH 2329 FT, SCREENED 2289-2329, MP CENTER LINE OF TEE, 2.0 FT ABOVE LSD.
 LSD 11.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 127.20 ABOVE LSD, APR. 12, 1960, MAY 17, 1960.
 LOWEST WATER LEVEL 93.50 ABOVE LSD, NOV. 11, 1975.
 RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 11, 1975	+ 93.50	MAY 4, 1975	+ 93.80				

305237090305101 LOCAL WELL NUMBER: TA-283

OWNER: VILLAGE OF TANGIPAHOA. (SEC. 60, T. 2S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HYDRAULIC ZONE 2 SAND OF MIO-PLIOCENE AGE, DIAM 13 IN, DEPTH 1457 FT, SCREENED 1419-1457, MP TOP OF SANITARY SEAL, 1.0 FT ABOVE LSD.
 LSD 179.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 36.30 BELOW LSD, MAR. 23, 1971.
 LOWEST WATER LEVEL 58.24 BELOW LSD, JAN. 8, 1976.
 RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1975	45.00	JULY 10, 1975	47.65	JAN. 8, 1976	58.24	JULY 9, 1976	54.70
MAR. 26	46.05	NOV. 10	51.50	APR. 22	56.20		

303622090243901 LOCAL WELL NUMBER: TA-360

OWNER: U. S. GEOL. SURVEY. (SEC. 21, T. 5S., R. 8E.) AUGERED OBSERVATION ARTESIAN WELL IN QUATERNARY UPLAND DEPOSITS, DIAM 1.25 IN, DEPTH 54 FT, SCREENED 52-54, MP TOP OF CASING, 3.15 FT ABOVE LSD.
 LSD 75.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 15.45 BELOW LSD, JULY 10, 1975.
 LOWEST WATER LEVEL 18.76 BELOW LSD, DEC. 3, 1968.
 RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 14, 1975	16.35	JULY 10, 1975	15.45	JAN. 8, 1976	16.09	JULY 9, 1976	16.15
MAR. 26	16.15	NOV. 10	15.65	APR. 23	15.95		

305737090322501 LOCAL WELL NUMBER: TA-362

OWNER: U. S. GEOL. SURVEY. (SEC. 40, T. 1S., R. 7E.) AUGERED OBSERVATION ARTESIAN WELL IN QUATERNARY UPLAND DEPOSITS, DIAM 1.25 IN, DEPTH 43 FT, SCREENED 40-43, MP TOP OF CASING, 3.20 FT ABOVE LSD.
 LSD 265.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 16.71 BELOW LSD, APR. 15, 1974.
 LOWEST WATER LEVEL 25.03 BELOW LSD, DEC. 21, 1970.
 RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1975	19.93	JULY 10, 1975	18.60	JAN. 8, 1976	18.98	JULY 9, 1976	20.50
MAR. 26	19.50	NOV. 10	18.60	APR. 22	19.39		

TANGIPAHOA PARISH

305434090264201 LOCAL WELL NUMBER: TA-440

OWNER: U.S. GEOL. SURVEY. (SEC. 47, T. 25., R. 4E.) DRILLED OBSERVATION ARTESIAN WELL IN HYDRAULIC ZONE 2 SAND OF MIO-PLIOCENE AGE, DIAM 2 IN, DEPTH 603 FT, SCREENED 593-603, MP TOP OF 2-IN GALVANIZED PIPE, 2.15 FT ABOVE LSD.
 LSD 220.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 1.61 BELOW LSD, SEP. 24, 1975,
 LOWEST WATER LEVEL 3.83 BELOW LSD, SEP. 22, 1976.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 3, 1975	2.30	DEC. 3, 1975	1.75	APR. 20, 1976	2.45	JULY 6, 1976	3.01
JULY 10	1.95	FEB. 12, 1976	2.10	JUNE 15	2.95	SEP. 22	3.83
SEP. 24	1.61						

VERMILION PARISH

294705042115001 LOCAL WELL NUMBER: VE-28

OWNER: U. S. CORPS OF ENGINEERS. (SEC. 31, T. 14S., R. 3E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, REPORTED DEPTH 260 FT, SCREENED INTERVAL UNKNOWN, MP TOP OF 2-IN PIPE, 1.08 FT ABOVE LSD.
 LSD 6.74 FT ABOVE MSL.
 HIGHEST WATER LEVEL 1.25 BELOW LSD, APR. 11, 1944.
 LOWEST WATER LEVEL 10.82 BELOW LSD, MAR. 5, 1976.
 RECORDS AVAILABLE 1944-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	10.72	MAR. 5, 1976	10.82				

300425092120401 LOCAL WELL NUMBER: VE-52

OWNER: J. F. SIMON. (SEC. 19, T. 11S., R. 3E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, REPORTED DEPTH 350 FT, SCREENED 290-350, MP OUTER LIP OF 1 1/2-IN COLLAR, 3.85 FT ABOVE LSD.
 LSD 24.91 FT ABOVE MSL.
 HIGHEST WATER LEVEL 21.62 BELOW LSD, JULY 9, 1953,
 LOWEST WATER LEVEL 43.05 BELOW LSD, FEB. 27, 1975.
 RECORDS AVAILABLE 1953-64, 1966, 1968-70, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	43.05	MAR. 5, 1976	41.95				

295520092093001 LOCAL WELL NUMBER: VE-78

OWNER: J. F. NOEL, SR. (IRREG. SEC. 14, T. 13S., R. 3E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN, REPORTED DEPTH 295 FT, SCREENED INTERVAL UNKNOWN, MP HOLE IN TOP OF DISCHARGE PIPE, 1.16 FT ABOVE LSD.
 LSD 8.71 FT ABOVE MSL.
 HIGHEST WATER LEVEL 5.28 BELOW LSD, APR. 11, 1944,
 LOWEST WATER LEVEL 21.84 BELOW LSD, FEB. 27, 1975, MAR. 5, 1976.
 RECORDS AVAILABLE 1944-66, 1968-69, 1971-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	21.84	MAR. 5, 1976	21.84				

300251092275801 LOCAL WELL NUMBER: VE-128

OWNER: CHARLES STANCIL. (IRREG. SEC. 33, T. 11S., R. 1W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 IN, REPORTED DEPTH 330 FT, SCREENED 230-330, MP LOWER LIP OF DISCHARGE PIPE, 2.40 FT ABOVE LSD.
 LSD 9.86 FT ABOVE MSL.
 HIGHEST WATER LEVEL 6.40 BELOW LSD, APR. 8, 1948,
 LOWEST WATER LEVEL 33.95 BELOW LSD, AUG. 26, 1965.
 RECORDS AVAILABLE 1946-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1975	33.50	MAR. 5, 1976	33.60				

GROUND-WATER LEVELS

VERMILION PARISH

300245072200301 LOCAL WELL NUMBER: VE-333

OWNER: SIDNEY HERRIN. (SEC. 35, T. 11S., R. 1E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 TO 8 IN, REPORTED DEPTH 280 FT, SCREENED INTERVAL UNKNOWN. MP LOWER LIP OF DISCHARGE PIPE, 4.31 FT ABOVE LSD.
 LSD 14.03 FT ABOVE MSL.
 HIGHEST WATER LEVEL 15.69 BELOW LSD, MAR. 21, 1950.
 LOWEST WATER LEVEL 50.69 BELOW LSD, JUNE 24, 1968.
 RECORDS AVAILABLE 1940-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1975	36.31	JAN. 26, 1976	34.04	MAR. 30, 1976	37.93	JUNE 24, 1976	44.59
NOV. 24	36.19	FEB. 20	34.16	APR. 20	43.21	AUG. 9	41.68
DEC. 22	40.19	MAR. 9	35.19	MAY 21	44.47	SEP. 15	38.65

295650092245001 LOCAL WELL NUMBER: VE-442

OWNER: ROBLEY SIMON. (SEC. 1, T. 13S., R. 1W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 10 IN, DEPTH 281 FT, SCREENED 198-281. MP LOWER LIP OF DISCHARGE PIPE, 5.08 FT ABOVE LSD.
 LSD 5.42 FT ABOVE MSL.
 HIGHEST WATER LEVEL 11.88 BELOW LSD, APR. 4, 1956.
 LOWEST WATER LEVEL 21.37 BELOW LSD, FEB. 28, 1975.
 RECORDS AVAILABLE 1954-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1975	21.37	MAR. 4, 1976	21.02				

295642092165401 LOCAL WELL NUMBER: VE-460

OWNER: RENE DRONET. (SEC. 5, T. 13S., R. 2E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 24 TO 10 IN, REPORTED DEPTH 300 FT, SCREENED INTERVAL UNKNOWN. MP LOWER LIP OF DISCHARGE PIPE, 4.53 FT ABOVE LSD.
 LSD 9.78 FT ABOVE MSL.
 HIGHEST WATER LEVEL 4.20 BELOW LSD, MAR. 15, 1949.
 LOWEST WATER LEVEL 23.02 BELOW LSD, FEB. 27, 1975.
 RECORDS AVAILABLE 1948-72, 1974-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	23.02						

300117092005601 LOCAL WELL NUMBER: VE-501

OWNER: GERMAIN BARES. (SEC. 1, T. 12S., R. 4E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 8 IN, REPORTED DEPTH 227 FT, SCREENED 162-227. MP LOWER LIP OF DISCHARGE PIPE, 4.90 FT ABOVE LSD.
 LSD 21.62 FT ABOVE MSL.
 HIGHEST WATER LEVEL 20.62 BELOW LSD, MAR. 26, 1962.
 LOWEST WATER LEVEL 27.53 BELOW LSD, FEB. 21, 1972.
 RECORDS AVAILABLE 1958-66, 1968-72, 1974-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	27.05						

293928092303001 LOCAL WELL NUMBER: VE-567

OWNER: SOSTANE BROUSSARD. (SEC. 31, T. 15S., R. 1W.) DRILLED DOMESTIC ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, REPORTED DEPTH 600 FT, SCREENED INTERVAL UNKNOWN. MP TOP EDGE OF CASING, 0.7 FT ABOVE LSD.
 LSD 7.81 FT ABOVE MSL.
 HIGHEST WATER LEVEL 7.85 BELOW LSD, MAY 8, 1956.
 LOWEST WATER LEVEL 12.10 BELOW LSD, FEB. 27, 1975.
 RECORDS AVAILABLE 1956-58, 1969-70, 1972, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	12.10	MAR. 8, 1976	11.90				

300240092083201 LOCAL WELL NUMBER: VE-585

OWNER: E. O. BROUSSARD. (SEC. 34, T. 11S., R. 3E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 8 IN, REPORTED DEPTH 254 FT, SCREENED 195-259. MP 1/2-IN PLUG ON SIDE OF PIPE, 3.02 FT ABOVE LSD.
 LSD 15.40 FT ABOVE MSL.
 HIGHEST WATER LEVEL 19.47 BELOW LSD, APR. 29, 1958.
 LOWEST WATER LEVEL 30.78 BELOW LSD, FEB. 6, 1974, MAR. 9, 1976.
 RECORDS AVAILABLE 1958-68, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 9, 1958	20.15	MAR. 23, 1961	20.13	AUG. 28, 1963	23.37	MAR. 21, 1967	24.77
APR. 29	19.47	SEP. 7	20.63	MAR. 25, 1964	22.02	MAR. 5, 1968	24.17
SEP. 8	20.53	OCT. 13	20.37	AUG. 27	23.88	FEB. 6, 1974	30.78
APR. 22, 1959	19.51	MAR. 28, 1962	19.62	MAR. 22, 1965	22.62	FEB. 26	28.48
SEP. 9	20.45	AUG. 27	22.13	AUG. 26	24.55	FEB. 27, 1975	28.78
APR. 20, 1960	19.79	MAR. 29, 1963	21.30	AUG. 30, 1966	24.72	MAR. 9, 1976	30.78
AUG. 29	21.35						

294921092072501 LOCAL WELL NUMBER: VE-628

OWNER: U. S. GEOL. SURVEY. (SEC. 79, T. 14S., R. 3E.) BORED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 88 FT, SCREENED 83-88. MP TOP OF 1 1/4-IN CASING, 1.55 FT ABOVE LSD.
 LSD 5.09 FT ABOVE MSL.
 HIGHEST WATER LEVEL 6.41 BELOW LSD, MAR. 2, 1966.
 LOWEST WATER LEVEL 12.32 BELOW LSD, JUNE 24, 1964.
 RECORDS AVAILABLE 1963-72, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	8.15	MAR. 5, 1976	7.85				

294825092202004 LOCAL WELL NUMBER: VE-629U

OWNER: U. S. GEOL. SURVEY. (SEC. 23, T. 14S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN, DEPTH 457 FT, SCREENED 447-457. MP TOP OF 1-IN PIPE, 2.95 FT ABOVE LSD.
 LSD 1.79 FT ABOVE MSL.
 HIGHEST WATER LEVEL 3.77 BELOW LSD, MAR. 9, 1966.
 LOWEST WATER LEVEL 6.82 BELOW LSD, OCT. 23, 1969.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	6.35	MAR. 8, 1976	6.75				

294825092202005 LOCAL WELL NUMBER: VE-629L

OWNER: U. S. GEOL. SURVEY. (SEC. 23, T. 14S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN, DEPTH 487 FT, SCREENED 477-487. MP TOP OF 1-IN PIPE, 2.95 FT ABOVE LSD.
 LSD 1.79 FT ABOVE MSL.
 HIGHEST WATER LEVEL 3.89 BELOW LSD, MAR. 9, 1966.
 LOWEST WATER LEVEL 6.94 BELOW LSD, OCT. 23, 1969.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	6.60	MAR. 8, 1976	6.85				

295031092203202 LOCAL WELL NUMBER: VE-630U

OWNER: U. S. GEOL. SURVEY. (SEC. 10, T. 14S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN, DEPTH 498 FT, SCREENED 488-498. MP TOP OF 1-IN PIPE, 2.93 FT ABOVE LSD.
 LSD 4.75 FT ABOVE MSL.
 HIGHEST WATER LEVEL 7.15 BELOW LSD, MAR. 5, 1968.
 LOWEST WATER LEVEL 11.05 BELOW LSD, OCT. 23, 1969.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	10.62	MAR. 8, 1976	10.87				

GROUND-WATER LEVELS

VERMILION PARISH

295031092203203 LOCAL WELL NUMBER: VE-630L

OWNER: U. S. GEOL. SURVEY. (SEC. 10, T. 14S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN, DEPTH 528 FT, SCREENED 518-528. MP TOP OF 1-IN PIPE, 2.93 FT ABOVE LSD.
 LSD 4.75 FT ABOVE MSL.
 HIGHEST WATER LEVEL 7.38 BELOW LSD, MAR. 9, 1966,
 LOWEST WATER LEVEL 11.15 BELOW LSD, OCT. 23, 1969.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	10.77	MAR. 8, 1976	11.07				

295345092100702 LOCAL WELL NUMBER: VE-637U

OWNER: U. S. GEOL. SURVEY. (SEC. 15, T. 13S., R. 3E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 IN, DEPTH 198 FT, SCREENED 188-198. MP TOP OF 1-IN PIPE, 2.66 FT ABOVE LSD.
 LSD 4.06 FT ABOVE MSL.
 HIGHEST WATER LEVEL 7.99 BELOW LSD, FEB. 24, 1966,
 LOWEST WATER LEVEL 13.51 BELOW LSD, JUNE 9, 1971.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1975	11.30	FEB. 27, 1975	11.44	FEB. 12, 1976	11.88	MAR. 5, 1976	12.04

295345092100703 LOCAL WELL NUMBER: VE-637L

OWNER: U. S. GEOL. SURVEY. (SEC. 15, T. 13S., R. 3E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 IN, DEPTH 243 FT, SCREENED 233-243. MP TOP OF 1-IN PIPE, 2.66 FT ABOVE LSD.
 LSD 4.06 FT ABOVE MSL.
 HIGHEST WATER LEVEL 8.10 BELOW LSD, FEB. 24, 1966,
 LOWEST WATER LEVEL 15.11 BELOW LSD, JUNE 25, 1970.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1975	11.44	FEB. 27, 1975	11.80	FEB. 12, 1976	12.10	MAR. 5, 1976	12.14

293845092264901 LOCAL WELL NUMBER: VE-639

OWNER: U. S. GEOL. SURVEY. (SEC. 2, T. 16S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 608 FT, SCREENED 603-608. MP TOP OF 2-IN CASING, 3.0 FT ABOVE LSD.
 LSD 5.84 FT ABOVE MSL.
 HIGHEST WATER LEVEL 6.22 BELOW LSD, OCT. 20, 1965,
 LOWEST WATER LEVEL 9.60 BELOW LSD, AUG. 9, 1976.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1975	8.83	MAR. 8, 1976	9.00	MAY 21, 1976	9.04	AUG. 9, 1976	9.60
NOV. 24	9.08	APR. 20	8.69	JUNE 24	9.22	SEP. 15	9.53
JAN. 26, 1976	8.97						

295341092055401 LOCAL WELL NUMBER: VE-650

OWNER: U. S. GEOL. SURVEY. (SEC. 37, T. 13S., R. 4E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 205 FT, SCREENED 200-205. MP TOP OF 2-IN CASING, 2.50 FT ABOVE LSD.
 LSD 7.58 FT ABOVE MSL.
 HIGHEST WATER LEVEL 11.99 BELOW LSD, FEB. 24, 1966,
 LOWEST WATER LEVEL 18.85 BELOW LSD, JULY 20, 1971.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1975	13.94	FEB. 27	14.40	MAR. 5, 1976	14.50		

295616092304701 LOCAL WELL NUMBER: VE-653

OWNER: R. S. SIRMON. (SEC. 6, T. 13S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 TO 8 IN, DEPTH 291 FT, SCREENED 231-291. MP LOWER LIP OF DISCHARGE PIPE, 5.93 FT ABOVE LSD.
 LSD 7.50 FT ABOVE MSL.
 HIGHEST WATER LEVEL 17.09 BELOW LSD, MAR. 4, 1969,
 LOWEST WATER LEVEL 20.47 BELOW LSD, FEB. 27, 1975.
 RECORDS AVAILABLE 1967, 1969-70, 1972, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	20.47	MAR. 4, 1976	20.32				

295504092320101 LOCAL WELL NUMBER: VE-654

OWNER: ELLIS STANSEL. (SEC. 14, T. 13S., R. 2W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 26 TO 12 IN, REPORTED DEPTH 267 FT, SCREENED 187-267. MP LOWER LIP OF DISCHARGE PIPE, 5.82 FT ABOVE LSD.
 LSD 9.60 FT ABOVE MSL.
 HIGHEST WATER LEVEL 14.68 BELOW LSD, MAR. 4, 1969,
 LOWEST WATER LEVEL 22.13 BELOW LSD, FEB. 28, 1975.
 RECORDS AVAILABLE 1969-70, 1972, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1975	22.13	MAR. 4, 1976	21.38				

293801092233801 LOCAL WELL NUMBER: VE-656

OWNER: HUMBLE OIL CO. (SEC. 8, T. 16S., R. 1E.) DRILLED DOMESTIC ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM, DEPTH, AND SCREENED INTERVAL UNKNOWN. MP TOP OF SEALED PLATE, 2.60 FT ABOVE LSD.
 LSD 4.35 FT ABOVE MSL.
 HIGHEST WATER LEVEL 5.29 BELOW LSD, FEB. 27, 1974,
 LOWEST WATER LEVEL 6.60 BELOW LSD, MAR. 8, 1976.
 RECORDS AVAILABLE 1969-70, 1972, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	6.40	MAR. 8, 1976	6.60				

295606092365001 LOCAL WELL NUMBER: VE-657

OWNER: EVANS CORMIER. (SEC. 6, T. 13S., R. 2W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 TO 8 IN, DEPTH 241 FT, SCREENED 201-241. MP LOWER LIP OF DISCHARGE PIPE, 2.42 FT ABOVE LSD.
 LSD 2.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 22.46 BELOW LSD, MAR. 4, 1969,
 LOWEST WATER LEVEL 25.93 BELOW LSD, FEB. 28, 1975.
 RECORDS AVAILABLE 1969-70, 1972, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1975	25.93	MAR. 4, 1976	25.28				

293214092180901 LOCAL WELL NUMBER: VE-658

OWNER: U. S. CORPS OF ENGINEERS. (SEC. 19, T. 17S., R. 2E.) DRILLED DOMESTIC ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, REPORTED DEPTH 645 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF SANITARY SEAL, 2.25 FT ABOVE LSD.
 LSD 8.60 FT ABOVE MSL.
 HIGHEST WATER LEVEL 6.68 BELOW LSD, JAN. 22, 1969,
 LOWEST WATER LEVEL 9.65 BELOW LSD, FEB. 22, 1972.
 RECORDS AVAILABLE 1969-70, 1972, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 27, 1975	8.35	MAR. 5, 1976	6.85				

GROUND-WATER LEVELS

WASHINGTON PARISH

304652089512201 LOCAL WELL NUMBER: WA-13

OWNER: GAYLORD CONTAINER CORP. (SEC. 38, T. 35, R. 13E.) DRILLED UNUSED ARTESIAN WELL IN SAND OF PLEISTOCENE AGE, DIAM 20 IN, DEPTH 156 FT, SCREENED 90-156, MP TOP EDGE OF RECORDER SHELTER SURFLOOR, 1.3 FT ABOVE LSD.
 LSD 95.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 1.30 ABOVE LSD, FEB. 22, 1961.
 LOWEST WATER LEVEL 44.07 BELOW LSD, SEP. 22, 1958.
 RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 1, 1975	14.11C	JAN. 15, 1976	15.37C	MAR. 25, 1976	20.30C	JUNE 10, 1976	19.85C
OCT. 5	15.29C	JAN. 20	14.92C	MAR. 31	20.57C	JUNE 15	19.89C
OCT. 10	20.41C	JAN. 25	15.17C	APR. 5	20.18C	JUNE 20	19.70C
OCT. 15	20.28C	JAN. 31	14.49C	APR. 10	19.88C	JUNE 25	18.42C
OCT. 20	15.43C	FEB. 5	14.56C	APR. 15	20.54C	JUNE 30	19.77C
OCT. 25	14.65C	FEB. 10	13.89C	APR. 20	20.10H	JULY 5	19.48C
OCT. 30	15.11C	FEB. 11	12.88H	APR. 25	20.43C	JULY 7	19.41H
OCT. 31	15.05C	FEB. 15	14.41C	APR. 30	19.99C	JULY 10	20.22C
NOV. 5	15.13C	FEB. 20	14.82C	MAY 5	19.95C	JULY 15	19.38C
NOV. 10	15.34C	FEB. 25	13.73C	MAY 10	20.12H	JULY 20	19.50C
NOV. 15	15.58C	FEB. 29	19.79C	MAY 15	19.92C	JULY 25	19.49C
NOV. 20	15.63C	MAR. 5	19.84C	MAY 20	20.70C	JULY 31	19.56C
NOV. 25	15.21C	MAR. 10	19.76C	MAY 25	19.91C	AUG. 5	19.29C
NOV. 30	15.50C	MAR. 15	20.13C	MAY 27	20.21H	AUG. 10	19.39C
DEC. 3	15.07C	MAR. 17	20.76H	MAY 31	19.94C	AUG. 15	19.87C
JAN. 6, 1976	14.55H	MAR. 20	20.11C	JUNE 5	19.79C	AUG. 17	19.96C
JAN. 10	15.41C						

304756089514401 LOCAL WELL NUMBER: WA-14

OWNER: CITY OF BOGALUSA. (SEC. 11, T. 35, R. 13E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HYDRAULIC ZONE 1 SAND OF PLIOCENE AGE, DIAM 12 IN, DEPTH 681 FT, SCREENED 580-681, MP TOP OF PUMP DISCHARGE LINE, 3.7 FT ABOVE LSD.
 LSD 105.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 33.50 ABOVE LSD, OCT. 30, 1975.
 LOWEST WATER LEVEL 2.20 ABOVE LSD, OCT. 5, 1955.
 RECORDS AVAILABLE 1950-67, 1970-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 30, 1975	33.50	FEB. 11, 1976	26.20	MAY 27, 1976	22.30	AUG. 17, 1976	23.70
DEC. 3	31.10	MAR. 17	28.30	JULY 8	21.50	SEP. 22	24.80
JAN. 6, 1976	26.50	APR. 20	26.90				

304613089513201 LOCAL WELL NUMBER: WA-15

OWNER: CITY OF BOGALUSA. (SEC. 38, T. 35, R. 13E.) DRILLED UNUSED ARTESIAN WELL IN HYDRAULIC ZONE 1 SAND OF PLIOCENE AGE, DIAM 12 IN, DEPTH 769 FT, SCREENED 688-769, MP TOP OF PLUG IN 2-IN TEE AT END OF 3-IN DISCHARGE LINE, 1.5 FT ABOVE LSD.
 LSD 98.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 29.80 ABOVE LSD, APR. 18, 1950.
 LOWEST WATER LEVEL 5.46 ABOVE LSD, JULY 30, 1957.
 RECORDS AVAILABLE 1942, 1950-63, 1965-68, 1970-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 30, 1975	24.90	FEB. 11, 1976	24.30	MAY 27, 1976	23.90	AUG. 17, 1976	24.50
DEC. 3	24.20	MAR. 17	24.30	JULY 7	23.30	SEP. 22	24.30
JAN. 6, 1976	24.30	APR. 20	23.90				

305036090092101 LOCAL WELL NUMBER: WA-18

OWNER: TOWN OF FRANKLINTON. (SEC. 46, T. 2S, R. 10E.) DRILLED UNUSED ARTESIAN WELL IN SAND OF PLIOCENE AGE, DIAM 6 IN, DEPTH 788 FT, SCREENED INTERVAL UNKNOWN, MP TOP OF 6-IN TEE, 1.2 FT ABOVE LSD.
 LSD 150.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 35.80 ABOVE LSD, DEC. 21, 1942.
 LOWEST WATER LEVEL 17.10 ABOVE LSD, NOV. 9, 1955.
 RECORDS AVAILABLE 1942, 1949-62, 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 13, 1975	22.40	JULY 10, 1975	22.70	JAN. 7, 1976	22.90	MAY 27, 1976	21.10
FEB. 18	22.40	AUG. 14	22.30	FEB. 12	22.80	JULY 6	21.70
MAR. 24	22.70	SEP. 24	27.80	MAR. 17	23.00	AUG. 18	22.50
APR. 28	22.50	OCT. 29	27.50	APR. 20	22.40	SEP. 22	22.20
JUNE 3	22.60	DEC. 3	22.90				

304756089514402 LOCAL WELL NUMBER: WA-41

OWNER: CITY OF BOGALUSA. (SEC. 11, T. 35., R. 13E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HYDRAULIC ZONE 3 SAND OF MIOCENE AGE, DIAM 12 IN, DEPTH 1442 FT, SCREENED 1352-1442. MP LOWER EDGE OF OVERFLOW, 0.78 FT ABOVE LSD.
 LSD 105.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 33.40 ABOVE LSD, MAR. 16, 1950.
 LOWEST WATER LEVEL 50.94 BELOW LSD, JUNE 24, 1970.
 RECORDS AVAILABLE 1950-1952-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 30, 1975	39.65	FEB. 11, 1976	43.09	APR. 20, 1976	49.91B	JULY 8, 1976	43.79
DEC. 3	42.42	MAR. 17	42.32	MAY 27	46.24B	SEP. 22	45.74
JAN. 6, 1976	45.84						

304107089523401 LOCAL WELL NUMBER: WA-43

OWNER: V. A. TALLEY. (SEC. 49, T. 4S., R. 13E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 420 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF VALVE, 1.4 FT ABOVE LSD.
 LSD 71.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 31.00 ABOVE LSD, SEP. 12, 1950.
 LOWEST WATER LEVEL 9.00 ABOVE LSD, JULY 8, 1976.
 RECORDS AVAILABLE 1950-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 1, 1975	+ 13.80	MAR. 18, 1976	+ 14.00	MAY 27, 1976	+ 14.40	AUG. 17, 1976	+ 13.90
JAN. 5, 1976	+ 13.70	APR. 22	+ 14.20	JULY 8	+ 9.00C	SEP. 22	+ 12.10
FEB. 9	+ 13.90						

305124090093401 LOCAL WELL NUMBER: WA-57

OWNER: TOWN OF FRANKLINTON. (SEC. 45, T. 2S., R. 10E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND OF MIOCENE AGE, DIAM 12 IN, DEPTH 2746 FT, SCREENED 2614-2746. MP HOLE IN PLATE OVER CASING, 0.72 FT ABOVE LSD.
 LSD 160.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 20.76 BELOW LSD, AUG. 26, 1957.
 LOWEST WATER LEVEL 51.61 BELOW LSD, FEB. 12, 1976.
 RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 13, 1975	47.65	JULY 10, 1975	44.03	JAN. 7, 1976	48.83	MAY 27, 1976	38.73
FEB. 18	44.72	AUG. 14	43.85	FEB. 12	51.61	JULY 6	46.27
MAR. 24	45.51	SEP. 24	50.45	MAR. 17	45.34	AUG. 18	44.46
APR. 28	44.40	OCT. 29	49.24	APR. 20	40.84	SEP. 22	41.08
JUNE 3	44.41	DEC. 3	49.14				

305515090194101 LOCAL WELL NUMBER: WA-91

OWNER: U.S. GEOL. SURVEY. (SEC. 32, T. 1S., R. 9E.) DRILLED OBSERVATION ARTESIAN WELL IN HYDRAULIC ZONE 2 SAND OF MIO-PLIOCENE AGE, DIAM 2 IN, DEPTH 600 FT, SCREENED 580-600. MP TOP OF 2-IN CASING, 0.2 FT ABOVE LSD.
 LSD 240.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 12.10 BELOW LSD, SEP. 24, 1975.
 LOWEST WATER LEVEL 14.04 BELOW LSD, SEP. 22, 1976.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 3, 1975	12.75	DEC. 3, 1975	12.30	APR. 20, 1976	12.78	JULY 6, 1976	13.25
JULY 10	12.30	FEB. 12, 1976	12.47	JUNE 15	13.28	SEP. 22	14.04
SEP. 24	12.10						

304709090121502 LOCAL WELL NUMBER: WA-103

OWNER: LSU SOUTHEAST EXPERIMENT STATION. (SEC. 16, T. 35., R. 10E.) DRILLED UNUSED ARTESIAN WELL IN QUATERNARY UPLAND DEPOSITS, DIAM 6 IN, DEPTH 170 FT, SCREFNED 140-170. MP TOP OF FLANGE, 0.8 FT ABOVE LSD.
 LSD 225.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 64.69 BELOW LSD, SEP. 10, 1975.
 LOWEST WATER LEVEL 67.43 BELOW LSD, SEP. 22, 1976.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 10, 1975	64.69	JAN. 7, 1976	66.88C	APR. 20, 1976	66.73C	JULY 6, 1976	66.80C
OCT. 29	65.90D	FEB. 18	66.83C	JUNE 15	65.62D	SEP. 22	67.43C

GROUND-WATER LEVELS

WEST BATON ROUGE PARISH

302732091121901 LOCAL WELL NUMBER: WBR-5

OWNER: TOWN OF PORT ALLEN. (SEC. 66, T. 7S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 8 IN, DEPTH 1,335 FT, SCREENED 1,230-1,335. MP TOP EDGE OF 3/8-IN HOLE IN 8-IN PLUG IN TEE ATOP CASING, 6.76 FT ABOVE LSD.
 LSD 27.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 36.10 ABOVE LSD, JUNE 21, 1943.
 LOWEST WATER LEVEL 112.62 BELOW LSD, AUG. 15, 1974.
 RECORDS AVAILABLE 1943-46, 1949-50, 1954-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 10, 1975	97.80	FEB. 18, 1976	97.17	JUNE 16, 1976	101.90	AUG. 31, 1976	103.69
DEC. 11	96.66	MAR. 18	98.38	JULY 14	105.71	SEP. 16	105.34
JAN. 13, 1976	94.55	APR. 20	98.60				

302610091121101 LOCAL WELL NUMBER: WBR-36

OWNER: BATON ROUGE PORT AUTHORITY. (SEC. 69, T. 7S., R. 12E.) DRILLED INDUSTRIAL ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 14 TO 10 IN, REPORTED DEPTH 1,360 FT, SCREENED 1245-1290, 1305-1360. MP TOP OF 3/4-IN BREATHER PIPE IN FLANGE ATOP CASING, 1.00 FT ABOVE LSD.
 LSD 29.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 33.90 BELOW LSD, FEB. 3, 1955.
 LOWEST WATER LEVEL 106.75 BELOW LSD, OCT. 1, 1969.
 RECORDS AVAILABLE 1955, 1962, 1967, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 21, 1975	90.24	JAN. 13, 1976	87.21	APR. 26, 1976	94.00		

302613091121501 LOCAL WELL NUMBER: WBR-37

OWNER: BATON ROUGE PORT AUTHORITY. (SEC. 69, T. 7S., R. 12E.) DRILLED INDUSTRIAL ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 14 TO 10 IN, DEPTH 1,356 FT, SCREENED 1235-1288, 1318-1335, 1340-1356. MP TOP OF 3/4-IN BREATHER IN FLANGE ATOP CASING, 1.00 FT ABOVE LSD.
 LSD 27.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 31.93 BELOW LSD, FEB. 3, 1955.
 LOWEST WATER LEVEL 112.25 BELOW LSD, OCT. 18, 1974.
 RECORDS AVAILABLE 1955, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 4, 1975	89.85	NOV. 21, 1975	90.95	APR. 26, 1976	96.30	JUNE 4, 1976	103.60

302922091122301 LOCAL WELL NUMBER: WBR-50

OWNER: POPLAR GROVE PLANTING AND REFINING CO., INC. (SEC. 59, T. 7S., R. 12E.) DRILLED INDUSTRIAL ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 12 TO 8 IN, DEPTH 2,105 FT, SCREENED 2,045-2,105. MP TOP INSIDE EDGE OF 2-IN NIPPLE, 0.80 FT ABOVE LSD.
 LSD 27.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 90.02 BELOW LSD, JAN. 7, 1960.
 LOWEST WATER LEVEL 296.41 BELOW LSD, SEP. 25, 1973.
 RECORDS AVAILABLE 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 6, 1975	268.70	AUG. 27, 1975	259.90	APR. 27, 1976	265.42	JULY 19, 1976	272.70
APR. 4	251.80	FEB. 19, 1976	273.40				

302546091131402 LOCAL WELL NUMBER: WBR-97B

OWNER: MRS. HUGHES (SEC. 70, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,200 FT, SCREENED 2,170-2,200. MP TOP OF 4-IN CASING, 0.85 FT ABOVE LSD.
 LSD 17.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 26.50 ABOVE LSD, JULY 22, 1964.
 LOWEST WATER LEVEL 51.69 BELOW LSD, NOV. 12, 1975.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 5, 1975	41.10	AUG. 29, 1975	49.15	FEB. 19, 1976	46.50	MAY 24, 1976	41.41
APR. 4	39.95	NOV. 12	51.69	APR. 30	43.84	JULY 19	45.55

302652091121401 LOCAL WELL NUMBER: WBR-100A

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 68, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,700-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,888 FT, SCREENED 1,884-1,888, MP TOP EDGE OF 3/8-IN HOLE IN CAP, 2.50 FT ABOVE LSD.
 LSD 29.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 58.30 BELOW LSD, MAY 6, 1966.
 LOWEST WATER LEVEL 124.90 BELOW LSD, FEB. 19, 1976.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 5, 1975	112.48	AUG. 27, 1975	112.70	DEC. 11, 1975	117.44	APR. 26, 1976	118.05
APR. 4	110.10	NOV. 21	113.31	FEB. 19, 1976	124.90		

302652091121402 LOCAL WELL NUMBER: WBR-100B

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 68, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,448 FT, SCREENED 2,444-2,448, MP TOP EDGE OF 3/8-IN NIPPLE IN CAP, 2.50 FT ABOVE LSD.
 LSD 29.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 87.97 BELOW LSD, MAY 17, 1966.
 LOWEST WATER LEVEL 164.78 BELOW LSD, NOV. 14, 1973.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 4, 1975	154.30	NOV. 21	157.08	APR. 26, 1976	151.30		

302726091145501 LOCAL WELL NUMBER: WBR-101

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 91 T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,367 FT, SCREENED 1,363-1,367, MP TOP OF 3/8-IN HOLE IN CAP, 1.02 FT ABOVE LSD.
 LSD 19.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 59.55 BELOW LSD, APR. 29, 1966.
 LOWEST WATER LEVEL 79.73 BELOW LSD, OCT. 26, 1972.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 5, 1975	71.38	AUG. 8, 1975	69.43	FEB. 19, 1976	68.48	JULY 19, 1976	74.18
APR. 4	68.08	NOV. 20	68.36	APR. 26	70.23		

302806091172601 LOCAL WELL NUMBER: WBR-102A

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, DEPTH 1,288 FT, SCREENED 1,284-1,288, MP TOP EDGE OF 3/8-IN HOLE IN CAP, 2.35 FT ABOVE LSD.
 LSD 18.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 43.16 BELOW LSD, MAY 6, 1966.
 LOWEST WATER LEVEL 62.37 BELOW LSD, OCT. 26, 1972.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 4, 1975	52.90	NOV. 20	53.04	APR. 26, 1976	53.13		

302806091172602 LOCAL WELL NUMBER: WBR-102B

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,100 FT, SCREENED 2,096-2,100, MP TOP EDGE OF 3/8-IN HOLE IN CAP, 2.35 FT ABOVE LSD.
 LSD 18.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 63.89 BELOW LSD, APR. 22, 1966.
 LOWEST WATER LEVEL 189.22 BELOW LSD, SEP. 25, 1973.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 4, 1975	170.45	NOV. 20	171.08	APR. 26, 1976	173.45		

GROUND-WATER LEVELS

WEST BATON ROUGE PARISH

302703091133703 LOCAL WELL NUMBER: WBR-106

OWNER: U. S. GEOL. SURVEY. (SEC. 93, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 IN, DEPTH 2,017 FT, SCREENED 2,012-2,017. MP TOP EDGE OF 3/4-IN AIRLINE (REMOVE CASING EXTENSION), 2.08 FT ABOVE LSD.
 LSD 22.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 166.62 BELOW LSD, JULY 28, 1966.
 LOWEST WATER LEVEL 288.20 BELOW LSD, NOV. 8, 1973.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FER. 6, 1975	264.75	NOV. 18, 1975	262.92	FER. 19, 1976	272.42	APR. 27, 1976	260.76
APR. 4	253.72	DEC. 12	258.20	APR. 26	261.92	JULY 19	267.92
AUG. 27	262.17						

WEST FELICIANA PARISH

305641091341201 LOCAL WELL NUMBER: WF-22

OWNER: LA. STATE PENAL FARM. (SEC. 5, T. 1S., R. 5W.) DRILLED UNUSED ARTESIAN WELL IN ZONE 3 AQUIFER OF MIOCENE AGE, DIAM 12 IN, DEPTH 907 FT, SCREENED 847-907. MP (FLOWING CONDITIONS) TOP OF IRON COVER PLATE, 0.50 FT ABOVE LSD. MP (NONFLOWING CONDITIONS) TOP OF 3/4-IN X 1 1/2-IN BUSHING, 0.69 FT ABOVE LSD.
 LSD 60.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 15.90 ABOVE LSD, APR. 3, 1959.
 LOWEST WATER LEVEL 2.67 BELOW LSD, NOV. 14, 1972.
 RECORDS AVAILABLE 1956, 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 24, 1975 +	0.24	OCT. 28	1.69	APR. 12, 1976	1.44		

305636091341501 LOCAL WELL NUMBER: WF-40

OWNER: LA. STATE PENAL FARM. (SEC. 24, T. 1S., R. 5W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN ZONE 2 AQUIFER OF MIO-PLIOCENE AGE, DIAM 12 IN, REPORTED DEPTH 632 FT, SCREENED 549-632. MP TOP INSIDE EDGE OF 2-IN ELBOW ATOP CASING, 2.85 FT ABOVE LSD.
 LSD 55.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 23.90 ABOVE LSD, MAY 8, 1958.
 LOWEST WATER LEVEL 3.00 BELOW LSD, SEP. 27, 1974.
 RECORDS AVAILABLE 1956, 1958-59, 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 24, 1975 +	2.15	OCT. 28	2.49	APR. 12, 1976 +	3.38		

304933091221001 LOCAL WELL NUMBER: WF-188

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 69, T. 25S., R. 3W.) DRILLED OBSERVATION WATER-TABLE WELL IN QUATERNARY UPLAND DEPOSITS OF PLEISTOCENE AGE, DIAM 1.25 IN, DEPTH 55 FT, SCREENED 52-55 FT. MP TOP OF 1.25-IN CASING, 0.2 FT ABOVE LSD.
 LSD 117.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 12.72 BELOW LSD, APR. 2, 1976.
 LOWEST WATER LEVEL 16.68 BELOW LSD, JULY 9, 1963.
 RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 13, 1975	13.69	APR. 2, 1976	12.72	MAY 17, 1976	12.93	JUNE 29, 1976	13.26
MAR. 24	13.48	APR. 12	12.81	MAY 20	12.93	JULY 6	13.36
MAY 7	13.14	APR. 14	12.81	MAY 28	13.01	JULY 14	13.36
JULY 10	12.86	APR. 27	12.99	JUNE 4	13.12	AUG. 10	13.59
OCT. 28	12.87	APR. 29	12.93	JUNE 15	13.21	AUG. 25	13.69
FEB. 9, 1976	13.17	MAY 5	12.98				

WEST FELICIANA PARISH

304704091223801 LOCAL WELL NUMBER: WF-222

OWNER: TOWN OF ST. FRANCISVILLE. (SEC. 68, T. 3S., R. 3W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN "2800-FT" SAND OF BATON ROUGE AREA OF MIOCENE AGE, DIAM 12 IN, DEPTH 1526 FT, SCREENED INTERVAL UNKNOWN. MP TOP EDGE OF UNION, 1.15 FT ABOVE LSD.
 LSD 140.00 FT ABOVE MSL.
 HIGHEST WATER LEVEL 59.64 BELOW LSD, APR. 16, 1962,
 LOWEST WATER LEVEL 119.32 BELOW LSD, APR. 12, 1976.
 RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 13, 1975	107.14	JULY 10, 1975	108.92	FEB. 9, 1976	105.53	JULY 6, 1976	107.41
MAR. 24	102.99	OCT. 28	116.81	APR. 12	119.32		

B Well pumped recently.
 C Nearby well or wells being pumped.
 D Nearby well or wells pumped recently.
 H Tape measurement (recorder).
 J Recorder measurement for a time other than noon.



Figure 11. — Location of wells for which water-quality data are included in this report.

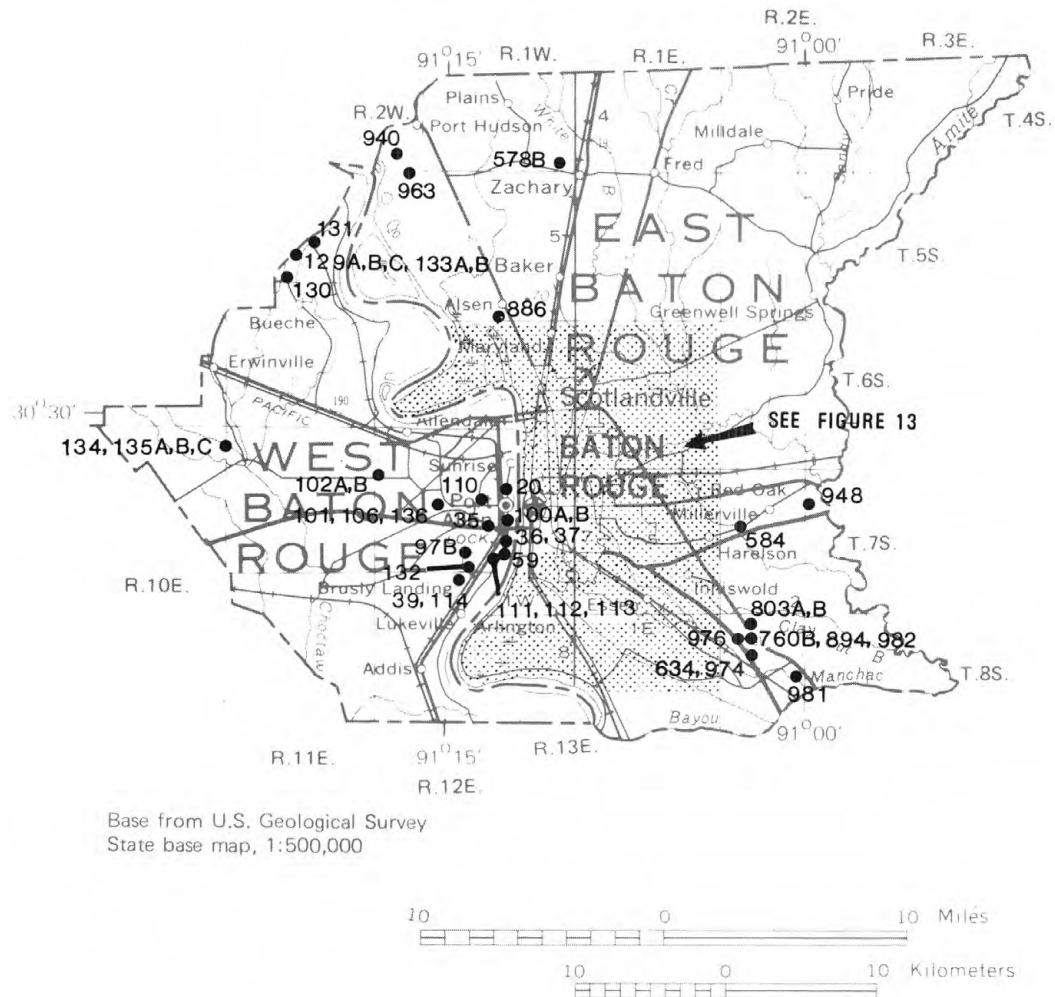


Figure 12. — Location of wells for which water-quality data are included, East Baton Rouge and West Baton Rouge Parishes [except for wells located in the shaded area (see fig. 13)].



Figure 13. — Location of wells for which water-quality data are included in the shaded area shown in figure 12, East Baton Rouge Parish.

WATER RESOURCES DATA FOR LOUISIANA, 1976

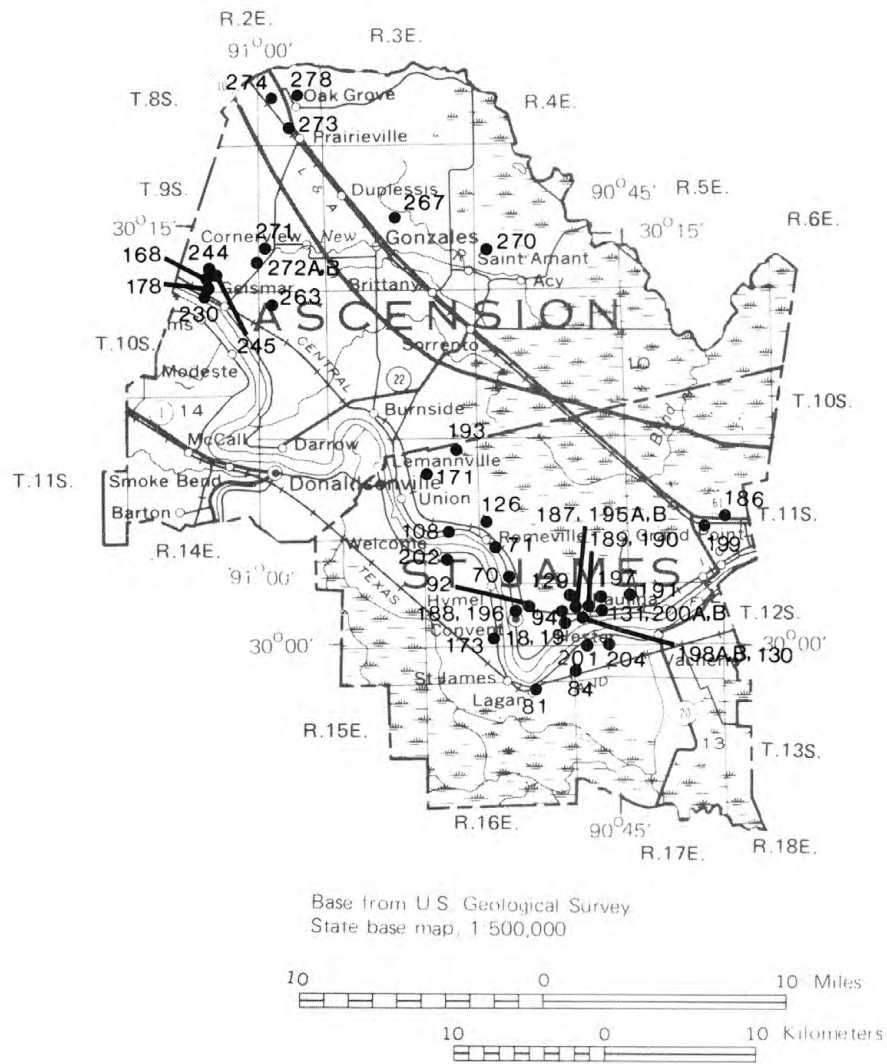


Figure 14. — Location of wells for which water-quality data are included, Ascension and St. James Parishes.

QUALITY OF GROUND WATER
CHEMICAL ANALYSES, JANUARY 1975 TO SEPTEMBER 1976

LOCAL IDENT- IFIER				STATION	NUMBER	TOTAL DEPTH OF WELL (FT)	DATE OF SAMPLE	TIME	DIS- SOLVED SILICA (SI02) (MG/L)	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG)
ASCENSION													
AN- 168	9S	2E	46	301255091020201		310	76-05-13	1315	--	--	--	--	--
AN- 178	9S	2E	46	301249091020501		260	76-05-13	1300	--	--	--	--	--
AN- 230	9S	2E	46	301245091021601		196	75-05-30	1600	--	--	--	--	--
AN- 244	9S	2E	46	301303091020101		282	76-05-13	1400	--	--	--	--	--
AN- 245	9S	2E	46	301302091020001		282	76-05-13	1410	--	--	--	--	--
AN- 263	10S	2E	13	301156090592601		462	76-05-13	1100	--	--	--	--	--
AN- 267	9S	3E	16	301544090543901		488	75-10-02	1100	--	--	--	--	--
AN- 270	9S	4E	29	301426090495801		468	75-08-22	1300	44	260	40	5.0	.6
AN- 271	9S	2E	22	301505090595801		460	75-11-04	1330	34	140	80	10	3.2
AN- 272A	9S	2E	27	301331091000401		465	75-11-20	1230	33	120	80	8.5	2.1
AN- 272H	9S	2E	27	301331091000402		250	75-12-03	1515	26	360	130	54	1.0
AN- 273	8S	2E	37	301819090582401		375	76-01-12	1650	29	130	82	8.0	2.4
AN- 274	8S	2E	15	302000090590601		345	76-01-19	1500	21	170	60	10	3.9
AN- 278	8S	2E	22	302026090580101		640	76-09-07	1315	--	--	--	--	--
CALCASIEU													
CU- 842	10S	9W	18	301148093193201		575	75-08-19	1130	40	1200	400	36	17
CU- 843	10S	9W	18	301148093193202		205	75-08-19	--	26	1400	460	82	19
CU- 844	10S	9W	18	301148093193203		403	75-08-19	--	--	440	120	--	--
CU- 950	10S	9W	5	301338093175601		570	75-06-20	--	47	1300	400	35	8.2
CU- 951	10S	9W	5	301328093175701		500	75-06-20	--	48	930	350	28	5.8
CU- 975	8S	7W	27	301941093035602		237	75-01-31	1030	38	2900	560	63	25
CU- 986	7S	11W	1	302914093270001		301	75-07-07	1230	63	--	--	14	5.6
CAMERON													
CN- 111	15S	6W	39	294551092573701		590	75-11-13	1125	23	870	160	90	45
CN- 124	13S	10W		295549093223501		680	75-11-26	1200	30	400	90	11	4.0
CN- 126	15S	6W	41	294607092582801		334	75-12-03	--	17	140	40	18	8.5
CN- 127	15S	6W	41	294610092590701		204	75-12-03	--	24	190	60	18	9.7
CN- 128A	12S	8W		295956093014502		380	75-12-30	1330	14	160	95	24	7.8
CN- 128B	12S	8W		295956093014501		515	75-12-19	1530	29	180	110	20	5.4
CN- 129A	14S	7W		295057093023002		395	75-12-23	1500	27	180	52	21	6.7
CN- 129B	14S	7W		295057093023001		600	75-12-18	1530	18	370	50	16	6.1
CN- 130	12S	4W	9	300126092465301		432	76-01-06	--	34	280	110	41	9.9
CN- 131	12S	3W	8	300110092421701		642	76-01-10	1600	28	460	93	37	12
CN- 132	13S	10W		295549093225301		321	76-02-02	--	15	--	--	25	9.1
CN- 133	12S	8W		295956093074103		200	76-02-04	--	--	--	--	--	--
EAST BATON ROUGE													
ER- 96	7S	1W	48	302651091112402		2254	75-01-29	1615	23	0	17	3.0	.0
ER- 150	7S	1E	80	302641091083801		2643	76-06-07	0910	--	--	--	--	--
ER- 151	7S	1E	80	302641091085801		2658	75-11-10	0825	--	--	--	--	--
						2658	76-06-07	0928	--	--	--	--	--
ER- 413	7S	1E	80	302642091083201		1745	75-11-10	0845	--	--	--	--	--
						1745	76-06-07	0925	--	--	--	--	--
ER- 434	7S	1W	49	302619091104003		611	75-05-21	1350	--	--	--	15	2.7
						611	75-11-12	1210	--	--	--	--	--
						611	76-05-18	1100	--	--	--	--	--

LOCAL IDENT- I- FIER				DATE OF SAMPLE	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	ALKA- LINITY AS CACO3 (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)	DIS- SOLVED NITRATE (N) (MG/L)
ASCENSION--Continued													
AN- 168	9S	2E	46	76-05-13	--	--	--	--	--	--	620	--	--
AN- 178	9S	2E	46	76-05-13	--	--	--	--	--	--	56	--	--
AN- 230	9S	2E	46	75-05-30	--	--	--	--	--	--	40	--	--
AN- 244	9S	2E	46	76-05-13	--	--	--	--	--	--	270	--	--
AN- 245	9S	2E	46	76-05-13	--	--	--	--	--	--	160	--	--
AN- 263	10S	2E	13	76-05-13	--	--	--	--	--	--	27	--	--
AN- 267	9S	3E	16	75-10-02	--	--	--	--	--	--	5.0	--	--
AN- 270	9S	4E	29	75-08-22	70	.9	170	0	139	4.5	12	.0	--
AN- 271	9S	2E	22	75-11-04	53	2.2	168	0	138	2.4	7.2	.0	--
AN- 272A	9S	2E	27	75-11-20	62	1.3	178	0	146	3.6	11	.1	--
AN- 272B	9S	2E	27	75-12-03	180	3.8	363	0	298	15	170	.1	--
AN- 273	8S	2E	37	76-01-12	75	1.5	212	0	174	.0	7.8	.2	--
AN- 274	8S	2E	15	76-01-19	110	2.1	308	0	253	.0	24	.2	--
AN- 278	8S	2E	22	76-09-07	--	--	--	--	--	--	1100	--	--
CALCASIEU--Continued													
CU- 842	10S	9W	18	75-08-19	250	3.5	248	0	203	.2	340	.3	--
CU- 843	10S	9W	18	75-08-19	78	2.5	264	0	217	24	150	.9	--
CU- 844	10S	9W	18	75-08-19	--	1.7	--	--	--	--	18	--	--
CU- 950	10S	9W	5	75-06-20	70	2.7	184	0	151	1.4	85	.2	--
CU- 951	10S	9W	5	75-06-20	62	2.4	178	0	146	2.2	58	.2	--
CU- 975	8S	7W	27	75-01-31	110	3.5	192	0	157	.0	250	.2	--
CU- 986	7S	11W	1	75-07-07	31	2.6	80	0	66	4.0	38	.1	--
CAMERON--Continued													
CN- 111	15S	6W	39	75-11-13	1400	8.0	288	0	236	4.8	2100	.2	--
CN- 124	13S	10W		75-11-26	280	2.5	337	0	276	.4	249	.6	--
CN- 126	15S	6W	41	75-12-03	240	2.9	412	0	338	.0	170	.2	--
CN- 127	15S	6W	41	75-12-03	210	4.2	377	0	309	22	150	.2	--
CN- 128A	12S	8W		75-12-30	170	2.1	278	0	228	3.6	160	1.0	--
CN- 128B	12S	8W		75-12-19	210	2.1	277	0	227	.0	200	1.0	--
CN- 129A	14S	7W		75-12-23	180	2.2	339	0	278	.0	140	1.0	--
CN- 192B	14S	7W		75-12-18	260	2.0	346	0	284	.0	260	1.0	--
CN- 130	12S	4W	9	76-01-06	200	2.6	276	0	226	.0	260	1.0	--
CN- 131	12S	3W	8	76-01-10	100	2.3	292	0	239	.8	88	1.0	--
CN- 132	13S	10W		76-02-02	290	3.6	399	0	327	.0	290	.1	--
CN-133	12S	8W		76-02-04	--	--	--	--	--	--	91	--	--
EAST BATON ROUGE--Continued													
EB- 96	7S	1W	48	75-01-29	100	.5	219	17	208	11	2.5	.0	.01
EB- 150	7S	1E	80	76-06-07	--	--	--	--	--	--	2.0	--	--
EB- 151	7S	1E	80	75-11-10	--	--	--	--	--	--	3.0	--	--
				76-06-07	--	--	--	--	--	--	1.7	--	--
EB- 413	7S	1E	80	75-11-10	--	--	--	--	--	--	5.6	--	--
				76-06-07	--	--	--	--	--	--	2.7	--	--
EB- 434	7S	1W	49	75-05-21	--	--	--	--	--	--	90	--	--
				75-11-12	--	--	--	--	--	--	84	--	--
				76-05-18	--	--	--	--	--	--	100	--	--

LOCAL IDENT- I- FIER	DATE OF SAMPLE	TOTAL NITRATE (NO3) (MG/L)	DIS- SOLVED NITRATE (NO3) (MG/L)	DIS- SOLVED NITRITE (N) (MG/L)	DIS- SOLVED NITRITE (NO2) (MG/L)	DIS- SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)
ASCENSION--Continued										
AN- 168	95 2E 46	76-05-13	--	--	--	--	--	--	200	--
AN- 178	95 2E 46	76-05-13	--	--	--	--	--	--	290	--
AN- 230	95 2E 46	75-05-30	--	--	--	--	--	--	140	--
AN- 244	95 2E 46	76-05-13	--	--	--	--	--	--	180	--
AN- 245	95 2E 46	76-05-13	--	--	--	--	--	--	180	--
AN- 263	105 2E 13	76-05-13	--	--	--	--	--	--	20	--
AN- 267	95 3E 16	75-10-02	--	--	--	--	--	--	41	--
AN- 270	95 4E 29	75-08-22	--	--	.19	.62	1.4	208	227	15
AN- 271	95 2E 22	75-11-04	.00	--	--	--	206	195	38	0
AN- 272A	95 2E 27	75-11-20	.19	--	--	--	210	210	30	0
AN- 272R	95 2E 27	75-12-03	.51	--	--	--	600	629	140	0
AN- 273	85 2E 37	76-01-12	.22	--	--	--	237	228	30	0
AN- 274	85 2E 15	76-01-19	1.0	--	--	--	319	325	41	0
AN- 279	85 2E 22	76-09-07	--	--	--	--	--	--	120	--
CALCASIEU--Continued										
CU- 842	105 9W 18	75-08-19	.05	--	--	--	813	810	160	0
CU- 843	105 9W 18	75-08-19	.28	--	--	--	536	514	280	68
CU- 844	105 9W 18	75-08-19	--	--	--	--	--	--	110	--
CU- 950	105 9W 5	75-06-20	.16	--	--	--	332	342	120	0
CU- 951	105 9W 5	75-06-20	.12	--	--	--	343	295	94	0
CU- 975	85 7W 27	75-01-31	.00	--	--	--	638	598	260	100
CU- 985	75 11W 1	75-07-07	.00	--	--	--	206	205	58	0
CAMERON--Continued										
CN- 111	155 6W 39	75-11-13	.08	--	--	--	3950	3810	410	170
CN- 124	135 10W	75-11-26	.35	--	--	--	7310	7390	44	0
CN- 126	155 6W 41	75-12-03	.42	--	--	--	656	660	80	0
CN- 127	155 6W 41	75-12-03	.43	--	--	--	601	633	85	0
CN- 128A	125 8W	75-12-30	.30	--	--	--	522	520	92	0
CN- 128B	125 8W	75-12-19	.17	--	--	--	598	604	72	0
CN- 129A	145 7W	75-12-23	.14	--	--	--	520	545	80	0
CN- 129B	145 7W	75-12-18	.21	--	--	--	727	733	65	0
CN- 130	125 4W 9	76-01-06	.22	--	--	--	670	685	140	0
CN- 131	125 3W 8	76-01-10	.24	--	--	--	413	413	140	0
CN- 132	135 10W	76-02-02	.59	--	--	--	849	830	100	0
CN- 133	125 8W	76-02-04	--	--	--	--	--	--	79	--
EAST BATON ROUGE--Continued										
ER- 95	75 1W 48	75-01-29	--	.04	.00	.00	.01	250	265	8
ER- 150	75 1E 80	76-06-07	--	--	--	--	--	--	5	--
ER- 151	75 1E 80	75-11-10	--	--	--	--	--	--	3	--
		76-06-07	--	--	--	--	--	--	2	--
ER- 413	75 1E 80	75-11-10	--	--	--	--	--	--	2	--
		76-06-07	--	--	--	--	--	--	2	--
ER- 434	75 1W 49	75-05-21	--	--	--	--	--	--	49	--
		75-11-12	--	--	--	--	--	--	44	--
		76-05-18	--	--	--	--	--	--	50	--

LOCAL IDENT- IFIER	DATE OF SAMPLE	PERCENT SODIUM	SODIUM AD- SORP- TION RATIO	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CARBON DIOXIDE (CO2) (MG/L)
ASCENSION--Continued								
AN- 168	9S 2E 46	76-05-13	--	--	2340	7.3	--	--
AN- 178	9S 2E 46	76-05-13	--	--	900	7.1	21.0	--
AN- 230	9S 2E 46	75-05-30	--	--	604	--	--	--
AN- 244	9S 2E 46	76-05-13	--	--	1220	7.2	22.0	--
AN- 245	9S 2E 46	76-05-13	--	--	941	7.2	21.5	--
AN- 263	10S 2E 13	76-05-13	--	--	384	7.8	--	--
AN- 267	9S 3E 16	75-10-02	--	--	273	--	--	--
AN- 270	9S 4E 29	75-08-22	90	7.9	310	8.1	22.0	3 2.2
AN- 271	9S 2E 22	75-11-04	74	3.7	303	8.0	23.5	0 2.7
AN- 272A	9S 2E 27	75-11-20	81	4.9	301	7.6	23.0	0 7.2
AN- 272B	9S 2E 27	75-12-03	73	6.6	1050	7.7	21.5	5 12
AN- 273	8S 2E 37	76-01-12	84	6.0	345	7.8	22.0	0 5.4
AN- 274	8S 2E 15	76-01-19	85	7.5	530	7.7	23.0	15 9.8
AN- 278	8S 2E 22	76-09-07	--	--	3590	7.8	25.6	-- --
CALCASIEU--Continued								
CU- 842	10S 9W 18	75-08-19	77	8.6	1440	7.2	--	0 25
CU- 843	10S 9W 18	75-08-19	37	2.0	938	--	--	0 --
CU- 844	10S 9W 18	75-08-19	--	--	448	7.7	--	-- --
CU- 950	10S 9W 5	75-06-20	55	2.8	550	6.8	24.0	5 47
CU- 951	10S 9W 5	75-06-20	58	2.8	477	6.9	23.5	0 36
CU- 975	8S 7W 27	75-01-31	47	3.0	1100	6.4	22.5	5 122
CU- 986	7S 11W 1	75-07-07	52	1.8	268	--	--	0 --
CAMERON--Continued								
CN- 111	15S 6W 39	75-11-13	88	30	6770	--	26.5	0 --
CN- 124	13S 10W	75-11-26	93	18	1270	7.2	24.0	5 34
CN- 126	15S 6W 41	75-12-03	86	12	1120	7.9	23.5	5 8.3
CN- 127	15S 6W 41	75-12-03	84	9.9	1020	7.1	22.5	10 48
CN- 128A	12S 8W	75-12-30	60	7.7	930	8.1	23.5	0 3.5
CN- 128B	12S 8W	75-12-19	86	11	1060	8.1	24.5	5 3.5
CN- 129A	14S 7W	75-12-23	83	8.8	923	8.0	23.5	5 5.4
CN- 129B	14S 7W	75-12-18	89	14	1300	8.0	24.0	5 5.5
CN- 130	12S 4W 9	76-01-06	75	7.3	1210	7.9	24.0	5 5.6
CN- 131	12S 3W 8	76-01-10	60	3.7	710	7.8	22.5	0 7.4
CN- 132	13S 10W	76-02-02	86	13	1530	8.0	--	10 6.4
CN- 133	12S 8W	76-02-04	--	--	718	--	--	-- --
EAST BATON ROUGE--Continued								
EB- 96	7S 1W 48	75-01-29	96	16	408	9.1	--	20 .3
EB- 150	7S 1E 80	76-06-07	--	--	336	--	--	-- --
EB- 151	7S 1E 80	75-11-10	--	--	353	--	--	-- --
		76-06-07	--	--	354	--	--	-- --
EB- 413	7S 1E 80	75-11-10	--	--	313	--	--	-- --
		76-06-07	--	--	315	--	--	-- --
EB- 434	7S 1W 49	75-05-21	--	--	607	--	--	-- --
		75-11-12	--	--	543	--	--	-- --
		76-05-18	--	--	607	--	--	-- --

LOCAL IDENT- IFIER				STATION	NUMBER	TOTAL DEPTH OF WELL (FT)	DATE OF SAMPLE	TIME	DIS- SOLVED SILICA (SiO ₂) (MG/L)	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)
EAST BATON ROUGE--Continued													
EB- 499	6S	1W	43	302914091102301		430	75-01-23	1600	59	170	140	7.8	2.5
EB- 500	7S	1W	46	302654091101101		710	76-02-10	1345	--	--	--	--	--
						710	76-05-17	1040	--	--	--	--	--
EB- 504	7S	1E	81	302647091082801		1775	76-06-07	0840	--	--	--	--	--
EB- 578B	4S	1W	81	303904091093102		2132	75-01-24	1200	23	0	10	1.1	1.0
EB- 584	7S	2E	38	302634091022201		1414	76-06-16	1035	32	0	40	2.0	.2
EB- 621	7S	1E	39	302500091052501		1487	75-11-10	0900	--	--	--	--	--
EB- 634	8S	2E	50	302146091012701		600	75-05-22	1300	--	--	--	8.7	2.6
						600	75-11-24	0920	--	--	--	--	--
EB- 638	7S	1E	60	302315091034701		625	75-10-02	0725	--	--	--	--	--
EB- 658	7S	1E	77	302745091092404		1604	76-06-07	0955	--	--	--	--	--
EB- 733	7S	1E	80	302647091083301		2637	76-06-07	0842	--	--	--	--	--
EB- 750	6S	1W	75	303141091114801		2643	75-01-29	1250	23	10	17	2.5	.1
EB- 756	6S	1E	41	303019091073701		1168	75-01-29	1015	38	0	15	1.0	.1
EB- 760B	8S	2E	5	302250091021202		640	75-11-24	0905	--	--	--	--	--
EB- 771	7S	1E	80	302646091083801		1739	76-06-07	0855	--	--	--	--	--
EB- 773	6S	1W	39	303132091103201		1395	75-01-29	1220	41	10	10	2.0	.1
EB- 778	7S	1E	94	302509091082701		2586	75-05-19	1100	--	--	--	1.6	.1
						2586	75-11-14	1320	--	--	--	--	--
						2586	76-05-14	1410	--	--	--	--	--
EB- 780A	7S	1E	94	302509091082702		1622	75-11-14	1320	--	--	--	--	--
EB- 780B	7S	1E	94	302509091082703		1913	75-11-14	1215	--	--	--	--	--
EB- 781	7S	1E	94	302535091090401		2286	75-12-09	1600	--	--	--	--	--
EB- 782A	7S	1E	94	302535091090402		1189	75-05-19	1215	--	--	--	7.1	.5
						1189	75-11-13	1205	--	--	--	--	--
						1189	76-05-19	1055	--	--	--	--	--
EB- 782B	7S	1E	94	302535091090403		1681	75-05-19	1340	--	--	--	15	2.8
						1681	75-11-13	1135	--	--	--	--	--
						1681	76-05-19	1125	--	--	--	--	--
EB- 783A	7S	1W	54	302502091113601		2179	75-05-22	1025	--	--	--	7.6	1.1
						2179	75-11-14	1535	--	--	--	--	--
						2179	76-05-20	1225	--	--	--	--	--
EB- 783B	7S	1W	54	302502091113602		2675	75-05-22	0955	--	--	--	6.2	.4
						2675	75-11-14	1450	--	--	--	--	--
						2675	76-05-20	1400	--	--	--	--	--
EB- 789A	7S	1E	93	302511091070401		711	75-05-21	1620	--	--	--	8.7	1.8
						711	75-11-18	0925	--	--	--	--	--
						711	76-05-19	1355	--	--	--	--	--
EB- 789B	7S	1E	93	302511091070402		1721	75-05-21	1615	--	--	--	5.7	.1
						1721	75-11-18	0905	--	--	--	--	--
						1721	76-05-19	1445	--	--	--	--	--

LOCAL IDENT- 1- FIER				DATE OF SAMPLE	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	ALKA- LINITY AS CACO3 (MG/L)	TOTAL SUL- FIDE (S) (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)
EAST BATON ROUGE--Continued													
EB- 499	6S	1W	43	75-01-23	43	1.8	129	--	106	--	8.1	7.7	.2
EB- 500	7S	1W	46	76-02-10	--	--	--	--	--	--	.8	3420	--
				76-05-17	--	--	--	--	--	--	--	3200	--
EB- 504	7S	1E	81	76-06-07	--	--	--	--	--	--	--	4.2	--
EB- 578B	4S	1W	81	75-01-24	68	.7	180	--	148	--	9.1	2.9	.2
EB- 584	7S	2E	38	76-06-16	66	.4	162	3	138	.1	10	3.6	.3
EB- 621	7S	1E	39	75-11-10	--	--	--	--	--	--	--	3.5	--
EB- 634	8S	2E	50	75-05-22	--	--	--	--	--	--	--	130	--
				75-11-24	--	--	--	--	--	--	--	170	--
EB- 638	7S	1E	60	75-10-02	--	--	--	--	--	--	--	200	--
EB- 658	7S	1E	77	76-06-07	--	--	--	--	--	--	--	3.6	--
EB- 733	7S	1E	80	76-06-07	--	--	--	--	--	--	--	1.2	--
EB- 750	6S	1W	75	75-01-29	160	.9	362	--	297	--	6.2	35	.8
EB- 756	6S	1E	41	75-01-29	62	.3	157	--	129	--	8.7	3.8	.1
EB- 760B	8S	2E	5	75-11-24	--	--	--	--	--	--	--	120	--
EB- 771	7S	1E	80	76-06-07	--	--	--	--	--	--	--	1.8	--
EB- 773	6S	1W	39	75-01-29	74	.5	175	--	144	--	8.5	14	.2
EB- 778	7S	1E	94	75-05-19	--	--	--	--	--	--	--	150	--
				75-11-14	--	--	--	--	--	--	--	170	--
				76-05-14	--	--	--	--	--	--	--	160	--
EB- 780A	7S	1E	94	75-11-14	--	--	--	--	--	--	--	740	--
EB- 780B	7S	1E	94	75-11-14	--	--	--	--	--	--	--	360	--
EB- 781	7S	1E	94	75-12-09	--	--	--	--	--	--	--	2100	--
EB- 782A	7S	1E	94	75-05-19	--	--	--	--	--	--	--	410	--
				75-11-13	--	--	--	--	--	--	--	400	--
				76-05-19	--	--	--	--	--	--	--	410	--
EB- 782B	7S	1E	94	75-05-19	--	--	--	--	--	--	--	320	--
				75-11-13	--	--	--	--	--	--	--	370	--
				76-05-19	--	--	--	--	--	--	--	580	--
EB- 783A	7S	1W	54	75-05-22	--	--	--	--	--	--	--	250	--
				75-11-14	--	--	--	--	--	--	--	90	--
				76-05-20	--	--	--	--	--	--	--	57	--
EB- 783B	7S	1W	54	75-05-22	--	--	--	--	--	--	--	540	--
				75-11-14	--	--	--	--	--	--	--	620	--
				76-05-20	--	--	--	--	--	--	--	680	--
EB- 789A	7S	1E	93	75-05-21	--	--	--	--	--	--	--	260	--
				75-11-18	--	--	--	--	--	--	--	260	--
				76-05-19	--	--	--	--	--	--	--	270	--
EB- 789B	7S	1E	93	75-05-21	--	--	--	--	--	--	--	570	--
				75-11-18	--	--	--	--	--	--	--	660	--
				76-05-19	--	--	--	--	--	--	--	700	--

LOCAL IDENT- IFIER				DATE OF SAMPLE	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	PERCENT SODIUM	SODIUM AD- SORP- TION RATIO	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CARBON DIOXIDE (CO2) (MG/L)
EAST BATON ROUGE--Continued													
EB- 499	6S	1W	43	75-01-23	30	0	74	3.4	241	7.0	21.5	0	21
EB- 500	7S	1W	46	76-02-10	1600	--	--	--	9990	--	--	--	--
				76-05-17	1540	--	--	--	9270	--	--	--	--
EB- 504	7S	1E	81	76-06-07	3	--	--	--	321	--	--	--	--
EB- 578B	4S	1W	81	75-01-24	7	0	95	11	312	8.5	29.5	0	.9
EB- 584	7S	2E	38	76-06-16	6	0	96	12	288	8.6	--	--	.4
EB- 621	7S	1E	39	75-11-10	5	--	--	--	339	--	--	--	--
EB- 634	8S	2E	50	75-05-22	32	--	--	--	856	--	--	--	--
				75-11-24	23	--	--	--	914	--	--	--	--
EB- 638	7S	1E	60	75-10-02	20	--	--	--	967	--	--	--	--
EB- 658	7S	1E	77	76-06-07	2	--	--	--	290	--	--	--	--
EB- 733	7S	1E	80	76-06-07	1	--	--	--	346	--	--	--	--
EB- 750	6S	1W	75	75-01-29	7	0	98	.1	658	9.0	--	40	.6
EB- 756	6S	1E	41	75-01-29	3	0	98	16	269	8.6	--	10	.6
EB- 760B	8S	2E	5	75-11-24	15	--	--	--	718	--	--	--	--
EB- 771	7S	1E	80	76-06-07	5	--	--	--	319	--	--	--	--
EB- 773	6S	1W	35	75-01-29	5	0	96	14	359	8.4	--	20	1.1
EB- 778	7S	1E	94	75-05-19	4	--	--	--	1010	--	--	--	--
				75-11-14	1	--	--	--	994	--	--	--	--
				76-05-14	1	--	--	--	1030	--	--	--	--
EB- 780A	7S	1E	94	75-11-14	38	--	--	--	2550	--	--	--	--
EB- 780B	7S	1E	94	75-11-14	8	--	--	--	1730	--	--	--	--
EB- 781	7S	1E	94	75-12-09	200	--	--	--	6730	--	--	--	--
EB- 782A	7S	1E	94	75-05-19	20	--	--	--	1650	--	--	--	--
				75-11-13	10	--	--	--	1640	--	--	--	--
				76-05-19	8	--	--	--	1690	--	--	--	--
EB- 782B	7S	1E	94	75-05-19	49	--	--	--	1560	--	--	--	--
				75-11-13	40	--	--	--	1460	--	--	--	--
				76-05-19	37	--	--	--	2030	--	--	--	--
EB- 783A	7S	1W	54	75-05-22	24	--	--	--	1310	--	--	--	--
				75-11-14	5	--	--	--	659	--	--	--	--
				76-05-20	5	--	--	--	547	--	--	--	--
EB- 783B	7S	1W	54	75-05-22	17	--	--	--	2980	--	--	--	--
				75-11-14	8	--	--	--	2990	--	--	--	--
				76-05-20	9	--	--	--	3080	--	--	--	--
EB- 789A	7S	1E	93	75-05-21	29	--	--	--	1180	--	--	--	--
				75-11-18	29	--	--	--	1140	--	--	--	--
				76-05-19	32	--	--	--	1160	--	--	--	--
EB- 789B	7S	1E	93	75-05-21	15	--	--	--	2310	--	--	--	--
				75-11-18	55	--	--	--	2300	--	--	--	--
				76-05-19	59	--	--	--	2460	--	--	--	--

LOCAL IDENT- IFIER				STATION	NUMBER	TOTAL DEPTH OF WELL (FT)	DATE OF SAMPLE	TIME	DIS- SOLVED SILICA (SiO ₂) (MG/L)	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG)
EAST BATON ROUGE--Continued													
EB- 792B	7S	1E	95	302605091080602		2286	75-11-20	1325	--	--	--	--	--
EB- 793	7S	1W		302719091103201		687	75-05-20	1445	--	--	--	8.1	2.5
						687	76-02-09	1550	--	--	--	--	--
						687	76-05-24	1335	--	--	--	--	--
EB- 794	7S	1W	52	302559091110801		2709	75-05-22	1120	--	--	--	8.9	3.8
						2709	75-11-10	1550	--	--	--	--	--
						2709	76-05-24	1500	--	--	--	--	--
EB- 803B	8S	2E	5	302306091022602		2565	75-05-22	1240	--	--	--	8.2	1.3
						2565	75-11-17	1305	--	--	--	--	--
						2565	76-05-21	0920	--	--	--	--	--
EB- 804A	7S	1E	70	302428091035001		1950	75-11-14	1040	--	--	--	--	--
EB- 804B	7S	1E	70	302428091035002		2762	75-11-14	0950	--	--	--	--	--
EB- 805	7S	1E	70	302428091035003		1072	75-05-20	1400	--	--	--	390	71
						1072	75-11-14	0915	--	--	--	--	--
						1072	76-05-20	1520	--	--	--	--	--
EB- 806B	7S	1W		302702091103902		2579	75-11-19	1310	--	--	--	--	--
EB- 807A	7S	1E	96	302611091091201		1713	75-05-20	1310	--	--	--	1.5	.1
						1713	75-12-10	1705	--	--	--	--	--
						1713	76-05-19	0930	--	--	--	--	--
EB- 807B	7S	1E	96	302611091091202		2264	75-11-17	1445	--	--	--	--	--
						2264	76-05-20	0855	--	--	--	--	--
EB- 813	7S	1W	40	302749091111101		2536	75-01-29	1330	23	10	10	4.5	.5
EB- 815	7S	1E	52	302425091062301		645	75-11-24	0955	--	--	--	--	--
EB- 822	7S	1W	54	302510091105003		573	75-11-19	1355	--	--	--	--	--
EB- 864	7S	1E	100	302512091042301		549	76-06-16	1500	38	50	70	3.3	.2
EB- 870	7S	1W	44	302729091100601		692	75-05-20	1345	--	--	--	7.5	.8
						692	75-11-11	1020	--	--	--	--	--
						692	76-05-14	1515	--	--	--	--	--
EB- 873	7S	1E	69	302721091054801		1884	75-01-29	1100	30	0	10	5.6	.1
EB- 878	7S	1E	69	302721091054701		2178	75-01-29	1120	24	0	10	3.0	.0
EB- 881	7S	1W	38	302812091103501		602	75-05-23	1415	--	--	--	8.3	1.2
EB- 886	5S	1W	48	303404091124001		384	75-01-31	1325	27	30	10	24	7.5
EB- 894	8S	2E	5	302251091021201		519	75-11-24	0855	--	--	--	--	--
EB- 917	7S	1E	95	302614091083001		1736	75-05-20	1125	--	--	--	--	--
						1736	75-11-13	1455	--	--	--	--	--
						1736	76-05-21	1445	--	--	--	--	--
EB- 918	7S	1E	91	302547091074401		1834	75-05-19	1555	--	--	--	--	--
						1834	75-11-17	1135	--	--	--	--	--
						1834	76-05-17	1520	--	--	--	--	--
EB- 927	7S	1E	78	302717091083901		1511	76-06-07	0935	--	--	--	--	--

LOCAL IDENT- I- FIER	DATE OF SAMPLE	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PC- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	ALKA- LINITY AS CACO3 (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)	DIS- SOLVED NITRATE (N) (MG/L)
EAST BATON ROUGE--Continued										
EB- 792B	7S 1E 95	75-11-20	--	--	--	--	--	6.0	--	--
EB- 793	7S 1W	75-05-20	--	--	--	--	--	3.5	--	--
		76-02-09	--	--	--	--	2.6	3.4	--	--
		76-05-24	--	--	--	--	--	1.6	--	--
EB- 794	7S 1W 52	75-05-22	--	--	--	--	--	14	--	--
		75-11-10	--	--	--	--	--	14	--	--
		76-05-24	--	--	--	--	--	13	--	--
EB- 803B	8S 2E 5	75-05-22	--	--	--	--	--	460	--	--
		75-11-17	--	--	--	--	--	440	--	--
		76-05-21	--	--	--	--	--	470	--	--
EB- 804A	7S 1E 70	75-11-14	--	--	--	--	--	2.2	--	--
EB- 804B	7S 1E 70	75-11-14	--	--	--	--	--	4.0	--	--
EB- 805	7S 1E 70	75-05-20	--	--	--	--	--	3400	--	--
		75-11-14	--	--	--	--	--	3600	--	--
		76-05-20	--	--	--	--	--	3800	--	--
EB- 806B	7S 1W	75-11-19	--	--	--	--	--	1.9	--	--
EB- 807A	7S 1E 96	75-05-20	--	--	--	--	--	160	--	--
		75-12-10	--	--	--	--	--	180	--	--
		76-05-19	--	--	--	--	--	200	--	--
EB- 807B	7S 1E 96	75-11-17	--	--	--	--	--	4.0	--	--
		76-05-20	--	--	--	--	--	2.3	--	--
EB- 813	7S 1W 40	75-01-29	90	.5	212	12	194	11	2.3	.1
EB- 815	7S 1E 52	75-11-24	--	--	--	--	--	--	12	.03
EB- 822	7S 1W 54	75-11-19	--	--	--	--	--	730	--	--
EB- 864	7S 1E 100	76-06-16	60	.8	154	0	126	7.5	3.6	.2
EB- 870	7S 1W 44	75-05-20	--	--	--	--	--	--	2.7	--
		75-11-11	--	--	--	--	--	--	2.8	--
		76-05-14	--	--	--	--	--	--	2.1	--
EB- 873	7S 1E 69	75-01-29	72	.4	178	--	146	6.7	3.9	.2
EB- 878	7S 1E 69	75-01-29	68	.4	171	--	140	6.5	2.6	.1
										.00
EB- 881	7S 1W 38	75-05-23	--	--	--	--	--	--	3.9	--
EB- 886	5S 1W 48	75-01-31	29	2.0	132	--	108	4.6	26	.1
EB- 894	8S 2E 5	75-11-24	--	--	--	--	--	--	12	.00
EB- 917	7S 1E 95	75-05-20	--	--	--	--	--	--	2.7	--
		75-11-13	--	--	--	--	--	--	3.9	--
		76-05-21	--	--	--	--	--	--	2.4	--
EB- 918	7S 1E 91	75-05-19	--	--	--	--	--	--	3.3	--
		75-11-17	--	--	--	--	--	--	3.0	--
		76-05-17	--	--	--	--	--	--	1.5	--
EB- 927	7S 1E 78	76-06-07	--	--	--	--	--	--	2.5	--

LOCAL IDENT- IFIER	DATE OF SAMPLE	TOTAL NITRATE (NO3) (MG/L)	DIS- SOLVED NITRATE (NO3) (MG/L)	DIS- SOLVED NITRITE (N) (MG/L)	DIS- SOLVED NITRITE (NO2) (MG/L)	DIS- SOLVED NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARD- NESS (CA+MG) (MG/L)
EAST BATON ROUGE--Continued										
EB- 792B	7S 1E 95	75-11-20	--	--	--	--	--	--	--	0
EB- 793	7S 1W	75-05-20	--	--	--	--	--	--	--	31
		76-02-09	--	--	--	--	--	--	--	30
		76-05-24	--	--	--	--	--	--	--	8
EB- 794	7S 1W 52	75-05-22	--	--	--	--	--	--	--	38
		75-11-10	--	--	--	--	--	--	--	42
		76-05-24	--	--	--	--	--	--	--	37
EB- 803B	8S 2E 5	75-05-22	--	--	--	--	--	--	--	26
		75-11-17	--	--	--	--	--	--	--	16
		76-05-21	--	--	--	--	--	--	--	17
EB- 804A	7S 1E 70	75-11-14	--	--	--	--	--	--	--	0
EB- 804B	7S 1E 70	75-11-14	--	--	--	--	--	--	--	2
EB- 805	7S 1E 70	75-05-20	--	--	--	--	--	--	--	1300
		75-11-14	--	--	--	--	--	--	--	1400
		76-05-20	--	--	--	--	--	--	--	1490
EB- 806B	7S 1W	75-11-19	--	--	--	--	--	--	--	3
EB- 807A	7S 1E 96	75-05-20	--	--	--	--	--	--	--	4
		75-12-10	--	--	--	--	--	--	--	6
		76-05-19	--	--	--	--	--	--	--	3
EB- 807B	7S 1E 96	75-11-17	--	--	--	--	--	--	--	4
		76-05-20	--	--	--	--	--	--	--	2
EB- 813	7S 1W 40	75-01-29	--	.13	.00	.00	.03	.24	--	249
EB- 815	7S 1E 52	75-11-24	--	--	--	--	--	--	--	3
EB- 822	7S 1W 54	75-11-19	--	--	--	--	--	--	--	192
EB- 864	7S 1E 100	76-06-16	.33	--	--	--	--	200	190	9
EB- 870	7S 1W 44	75-05-20	--	--	--	--	--	--	--	22
		75-11-11	--	--	--	--	--	--	--	18
		76-05-14	--	--	--	--	--	--	--	18
EB- 873	7S 1E 69	75-01-29	--	.00	.00	.00	.31	198	206	6
EB- 878	7S 1E 69	75-01-29	--	.04	.00	.00	.24	196	191	8
EB- 881	7S 1W 38	75-05-23	--	--	--	--	--	--	--	26
EB- 886	5S 1W 48	75-01-31	--	.00	.00	.00	.14	--	185	91
EB- 894	8S 2E 5	75-11-24	--	--	--	--	--	--	--	11
EB- 917	7S 1E 95	75-05-20	--	--	--	--	--	--	--	--
		75-11-13	--	--	--	--	--	--	--	0
		76-05-21	--	--	--	--	--	--	--	2
EB- 918	7S 1E 91	75-05-19	--	--	--	--	--	--	--	--
		75-11-17	--	--	--	--	--	--	--	5
		76-05-17	--	--	--	--	--	--	--	4
EB- 927	7S 1E 78	76-06-07	--	--	--	--	--	--	--	3

LOCAL IDENT- IFIER	DATE OF SAMPLE	NON- CAR- BONATE HARD- NESS (MG/L)	PERCENT SODIUM	SODIUM AD- SORP- TION RATIO	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CARBON DIOXIDE (CO2) (MG/L)
EAST BATON ROUGE--Continued									
EB- 792B	7S 1E 95	75-11-20	--	--	382	--	--	--	--
EB- 793	7S 1W	75-05-20	--	--	338	--	--	--	--
		76-02-09	--	--	332	--	--	--	--
		76-05-24	--	--	316	--	--	--	--
EB- 794	7S 1W 52	75-05-22	--	--	511	--	--	--	--
		75-11-10	--	--	513	--	--	--	--
		76-05-24	--	--	500	--	--	--	--
EB- 803B	8S 2E 5	75-05-22	--	--	1960	--	--	--	--
		75-11-17	--	--	1900	--	--	--	--
		76-05-21	--	--	1960	--	--	--	--
EB- 804A	7S 1E 70	75-11-14	--	--	364	--	--	--	--
EB- 804B	7S 1E 70	75-11-14	--	--	432	--	--	--	--
EB- 805	7S 1E 70	75-05-20	--	--	10100	--	--	--	--
		75-11-14	--	--	10400	--	--	--	--
		76-05-20	--	--	11300	--	--	--	--
EB- 806B	7S 1W	75-11-19	--	--	440	--	--	--	--
EB- 807A	7S 1E 96	75-05-20	--	--	850	--	--	--	--
		75-12-10	--	--	908	--	--	--	--
		76-05-19	--	--	1010	--	--	--	--
EB- 807B	7S 1E 96	75-11-17	--	--	364	--	--	--	--
		76-05-20	--	--	368	--	--	--	--
EB- 813	7S 1W 40	75-01-29	0	93	11	9.1	--	9	.3
EB- 815	7S 1E 52	75-11-24	--	--	323	--	--	--	--
EB- 822	7S 1W 54	75-11-19	--	--	2420	--	--	--	--
EB- 864	7S 1E 100	76-06-16	0	93	8.7	7.6	22.5	--	6.2
EB- 870	7S 1W 44	75-05-20	--	--	288	--	--	--	--
		75-11-11	--	--	301	--	--	--	--
		76-05-14	--	--	297	--	--	--	--
EB- 873	7S 1E 69	75-01-29	0	91	8.3	9.0	--	5	.3
EB- 878	7S 1E 69	75-01-29	0	95	11	8.9	--	3	.3
EB- 881	7S 1W 38	75-05-23	--	--	296	--	--	--	--
EB- 886	5S 1W 48	75-01-31	0	40	1.3	7.3	--	5	11
EB- 894	6S 2E 5	75-11-24	--	--	357	--	--	--	--
EB- 917	7S 1E 95	75-05-20	--	--	303	--	--	--	--
		75-11-13	--	--	299	--	--	--	--
		76-05-21	--	--	304	--	--	--	--
EB- 918	7S 1E 91	75-05-19	--	--	303	--	--	--	--
		75-11-17	--	--	304	--	--	--	--
		76-05-17	--	--	306	--	--	--	--
EB- 927	7S 1E 78	76-06-07	--	--	329	--	--	--	--

LOCAL IDENT- IFIER				STATION NUMBER	TOTAL DEPTH OF WELL (FT)	DATE OF SAMPLE	TIME	DIS- SOLVED SILICA (SI02) (MG/L)	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)
EAST BATON ROUGE--Continued												
EB- 928	6S	1E	41	303018091075602	2375	75-01-29	1000	27	10	15	3.5	.1
EB- 938	7S	1E	77	302749091092801	1599	76-06-07	0945	--	--	--	--	--
EB- 940	4S	2W	37	303908091164301	244	75-01-24	1100	26	0	0	11	3.8
EB- 944	6S	1W	43	302932091101901	2792	75-02-03	1120	--	--	--	--	--
					2792	75-02-03	1600	--	--	--	--	--
EB- 945	6S	1W	43	302932091101902	654	75-02-18	1030	--	--	--	--	--
EB- 946	6S	1E	43	302932091101903	1234	75-03-18	1030	--	--	--	--	--
					1234	75-03-18	1200	--	--	--	--	--
EB- 948	7S	2E	45	302522090592801	503	75-05-01	1520	--	--	--	--	--
EB- 963	5S	2W	38	303851091161301	1054	75-11-06	1545	53	160	70	3.2	.2
EB- 968	8S	1E	49	302205091092901	317	76-03-04	1445	--	1400	160	--	--
EB- 974	8S	2E	49	302214091014201	514	76-03-04	1530	--	170	70	--	--
EB- 976	8S	2E	48	302257091030901	620	76-04-01	1600	--	--	--	--	--
EB- 981	8S	2E	37	302116091001301	575	76-04-07	1130	--	--	--	--	--
EB- 982	8S	2E	5	302242091021501	540	76-04-12	1040	26	19	18	3.6	.5
EB- 983	7S	1E	59	302310091043301	545	76-04-01	1150	--	--	--	--	--
EAST FELICIANA												
EF- 241	2S	1E	27	305052091060001	96	75-02-06	1100	14	10	60	1.5	.0
EF- 243	3S	2E	41	304522091024701	73	75-02-06	1000	18	10	60	3.0	.4
EF- 248	3S	1E	15	304659091052905	2197	75-06-30	0945	18	40	10	.0	.0
EF- 249	3S	3E	27	304527090541801	1893	75-07-01	1200	21	30	20	1.0	.1
IBERIA												
I - 105	17S	6E	34	293040091500101	750	76-01-20	1420	29	610	57	64	30
I - 108	17S	7E	29	293130091461701	700	76-06-03	--	28	0	0	76	35
IBERVILLE												
IB- 39	7S	10E	38	302520091261501	2505	76-02-10	1200	--	--	--	--	--
IB- 209A	7S	10E	47	302629091270901	2078	75-05-27	1100	22	30	0	.0	.0
					2078	76-02-10	1130	--	--	--	--	--
IB- 231	9S	13E	3	301541091073101	370	75-05-14	0945	--	240	70	19	6.5
					370	75-10-30	1340	--	240	100	--	--
					370	76-07-09	1450	24	250	100	20	7.1
IB- 232	9S	13E	3	301539091072801	370	75-05-14	1015	--	190	40	12	3.4
					370	75-10-30	1315	--	150	60	--	--
					370	76-07-09	1410	22	110	30	14	3.9
IB- 241	9S	13E	1	301518091070402	380	75-10-30	1410	--	170	30	--	--
JEFFERSON												
JF- 41	12S	10E	46	295831090090401	728	75-03-06	1600	--	--	--	--	--
JF- 44	13S	23E	16	295407090064201	788	76-09-15	1630	--	--	--	--	--
JF- 66	12S	9E	37	295907090152901	698	75-11-11	1310	--	--	--	--	--
JF- 141	13S	22E	26	295525090111701	740	76-08-06	1100	--	--	--	--	--
JF- 148	13S	10E	41	295625090111801	731	76-09-15	1320	--	--	--	--	--
JF- 152	13S	23E	8	295504090083601	771	75-11-11	1130	--	--	--	--	--
LAFAYETTE												
LF- 570A	10S	5E	68	300441091543801	1000	75-02-02	2000	26	110	0	2.7	.3
LF- 570B	10S	5E	68	300441091543802	570	75-02-06	1700	25	130	55	18	6.6

LOCAL IDENT- 1- FIER	DATE OF SAMPLE			DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	ALKA- LINITY AS CACO3 (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)	DIS- SOLVED NITRATE (N) (MG/L)	
EAST BATON ROUGE--Continued													
EB- 928	6S	1E	41	75-01-29	68	.6	172	--	141	7.0	3.6	.1	.03
EB- 938	7S	1E	77	76-06-07	--	--	--	--	--	--	2.1	--	--
EB- 940	4S	2W	37	75-01-24	17	1.8	57	--	47	1.8	21	.1	.11
EB- 944	6S	1W	43	75-02-03	--	--	--	--	--	--	16	--	--
				75-02-03	--	--	--	--	--	16	--	--	
EB- 945	6S	1W	43	75-02-18	--	--	--	--	--	--	6.2	--	--
EB- 946	6S	1E	43	75-03-18	--	--	--	--	--	--	5.5	--	--
				75-03-18	--	--	--	--	--	5.2	--	--	
EB- 948	7S	2E	45	75-05-01	--	--	--	--	--	--	3.8	--	--
EB- 963	5S	2W	38	75-11-06	50	1.2	122	0	100	7.0	4.5	.0	--
EB- 968	8S	1E	49	76-03-04	--	--	--	--	--	.2	15	--	--
EB- 974	8S	2E	49	76-03-04	--	--	--	--	--	1.2	56	--	--
EB- 976	8S	2E	48	76-04-01	--	--	--	--	--	--	120	--	--
EB- 981	8S	2E	37	76-04-07	--	--	--	--	--	6.8	230	--	--
EB- 982	8S	2E	5	76-04-12	98	.8	184	0	151	5.0	52	.5	--
EB- 983	7S	1E	59	76-04-01	--	--	--	--	--	--	33	--	--
EAST FELICIANA--Continued													
EF- 241	2S	1E	27	75-02-06	17	.2	19	--	16	1.4	15	.1	.65
EF- 243	3S	2E	41	75-02-06	4.8	1.8	15	--	12	.3	8.1	.0	.75
EF- 248	3S	1E	15	75-06-30	110	.6	242	8	212	8.0	9.8	.5	--
EF- 249	3S	3E	27	75-07-01	92	.4	190	16	182	9.2	2.4	.7	--
IBERIA--Continued													
I - 105	17S	6E	34	76-01-20	290	3.8	458	0	376	.0	380	.1	--
I - 108	17S	7E	29	76-06-03	390	5.4	454	0	372	.0	600	.2	--
IBERVILLE--Continued													
IB- 39	7S	10E	38	76-02-10	--	--	--	--	--	--	220	--	--
IB- 209A	7S	10E	47	75-05-27	130	.5	280	26	273	9.0	2.1	.7	--
				76-02-10	--	--	--	--	--	--	2.0	--	--
IB- 231	9S	13E	3	75-05-14	--	--	--	--	--	--	65	--	--
				75-10-30	--	--	--	--	--	--	110	--	--
IB- 232	9S	13E	3	76-07-09	190	1.0	444	0	364	.0	83	.4	--
				75-05-14	--	--	--	--	--	--	170	--	--
				75-10-30	--	--	--	--	--	--	180	--	--
IB- 241	9S	13E	1	76-07-09	280	1.4	469	0	385	.2	200	.4	--
				75-10-30	--	--	--	--	--	--	120	--	--
JEFFERSON--Continued													
JF- 41	12S	10E	46	75-03-06	--	--	--	--	--	--	120	--	--
JF- 44	13S	23E	16	76-09-15	--	--	--	--	--	--	1100	--	--
JF- 66	12S	9E	37	75-11-11	--	--	--	--	--	--	470	--	--
JF- 141	13S	22E	26	76-08-06	--	--	--	--	--	.0	330	--	--
JF- 148	13S	10E	41	76-09-15	--	--	--	--	--	--	96	--	--
JF- 152	13S	23E	8	75-11-11	--	--	--	--	--	--	340	--	--
LAFAYETTE--Continued													
LF- 570A	10S	5E	68	75-02-02	230	1.2	425	5	357	.2	120	.6	--
LF- 570B	10S	5E	68	75-02-06	150	2.5	432	0	354	.0	36	.2	--

LOCAL IDENT- IFIER				DATE OF SAMPLE	TOTAL NITRATE (NO3) (MG/L)	DIS- SOLVED NITRATE (NO3) (MG/L)	DIS- SOLVED NITRITE (N) (MG/L)	DIS- SOLVED NITRITE (NO2) (MG/L)	DIS- SOLVED NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L)	HARD- NESS (CA+MG) (MG/L)
EAST BATON ROUGE--Continued													
EB- 928	6S	1E	41	75-01-29	--	.13	.00	.00	.03	.26	190	196	9
EB- 938	7S	1E	77	76-06-07	--	--	--	--	--	--	--	--	2
EB- 940	4S	2W	37	75-01-24	--	.49	.00	.00	.11	.01	100	111	43
EB- 944	6S	1W	43	75-02-03	--	--	--	--	--	--	--	--	4
				75-02-03	--	--	--	--	--	--	--	--	3
EB- 945	6S	1W	43	75-02-18	--	--	--	--	--	--	--	--	34
EB- 946	6S	1E	43	75-03-18	--	--	--	--	--	--	--	--	4
				75-03-18	--	--	--	--	--	--	--	--	3
EB- 948	7S	2E	45	75-05-01	--	--	--	--	--	--	--	--	8
EB- 963	5S	2W	38	75-11-06	.00	--	--	--	--	--	179	180	9
EB- 968	8S	1E	49	76-03-04	--	--	--	--	--	--	--	--	410
EB- 974	8S	2E	49	76-03-04	--	--	--	--	--	--	--	--	16
EB- 976	8S	2E	48	76-04-01	--	--	--	--	--	--	--	--	12
EB- 981	8S	2E	37	76-04-07	--	--	--	--	--	--	--	--	44
EB- 982	8S	2E	5	76-04-12	.06	--	--	--	--	--	289	277	11
EB- 983	7S	1E	59	76-04-01	--	--	--	--	--	--	--	--	11
EAST FELICIANA--Continued													
EF- 241	2S	1E	27	75-02-06	--	2.9	.00	.00	.65	.01	55	62	4
EF- 243	3S	2E	41	75-02-06	--	3.3	.00	.00	.75	.01	43	49	9
EF- 248	3S	1E	15	75-06-30	.14	--	--	--	--	--	291	275	0
EF- 249	3S	3E	27	75-07-01	.00	--	--	--	--	--	246	236	3
IBERIA--Continued													
I - 105	17S	6E	34	76-01-20	.47	--	--	--	--	--	1010	1020	280
I - 108	17S	7E	29	76-06-03	.55	--	--	--	--	--	1330	1360	340
IBERVILLE--Continued													
IB- 39	7S	10E	38	76-02-10	--	--	--	--	--	--	--	--	10
IB- 209A	7S	10E	47	75-05-27	.18	--	--	--	--	--	349	330	0
				76-02-10	--	--	--	--	--	--	--	--	0
IB- 231	9S	13E	3	75-05-14	--	--	--	--	--	--	--	--	74
				75-10-30	--	--	--	--	--	--	--	--	76
IB- 232	9S	13E	3	76-07-09	.09	--	--	--	--	--	567	545	79
				75-05-14	--	--	--	--	--	--	--	--	44
				75-10-30	--	--	--	--	--	--	--	--	45
IB- 241	9S	13E	1	76-07-09	.00	--	--	--	--	--	772	753	51
				75-10-30	--	--	--	--	--	--	--	--	27
JEFFERSON--Continued													
JF- 41	12S	10E	46	75-03-06	--	--	--	--	--	--	--	--	12
JF- 44	13S	23E	16	76-09-15	--	--	--	--	--	--	--	--	140
JF- 66	12S	9E	37	75-11-11	--	--	--	--	--	--	--	--	62
JF- 141	13S	22E	26	76-08-06	--	--	--	--	--	--	--	--	42
JF- 148	13S	10E	41	76-09-15	--	--	--	--	--	--	--	--	2
JF- 152	13S	23E	8	75-11-11	--	--	--	--	--	--	--	--	37
LAFAYETTE--Continued													
LF- 570A	10S	5E	68	75-02-02	.36	--	--	--	--	--	628	595	8
LF- 570B	10S	5E	68	75-02-06	.12	--	--	--	--	--	459	452	72

LOCAL IDENT- IFIER				DATE OF SAMPLE	NON- CAR- BONATE HARD- NESS (MG/L)	PERCENT SODIUM	SODIUM AD- SORP- TION RATIO	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CARBON DIOXIDE (CO2) (MG/L)
EAST BATON ROUGE--Continued												
EB- 928	6S	1E	41	75-01-29	0	94	9.8	291	8.8	--	1	.4
EB- 938	7S	1E	77	76-06-07	--	--	--	335	--	--	--	--
EB- 940	4S	2W	37	75-01-24	0	45	1.1	164	6.1	19.5	5	72
EB- 944	6S	1W	43	75-02-03	--	--	--	652	--	--	--	--
				75-02-03	--	--	--	650	--	--	40	--
EB- 945	6S	1W	43	75-02-18	--	--	--	238	--	--	--	--
EB- 946	6S	1E	43	75-03-18	--	--	--	306	--	--	--	--
				75-03-18	--	--	--	302	--	--	--	--
EB- 948	7S	2E	45	75-05-01	--	--	--	271	--	--	--	--
EB- 963	5S	2W	38	75-11-06	0	91	7.3	229	7.1	24.5	0	16
EB- 968	8S	1E	49	76-03-04	--	--	--	848	6.9	--	--	--
EB- 974	8S	2E	49	76-03-04	--	--	--	475	7.6	--	--	--
EB- 976	8S	2E	48	76-04-01	--	--	--	742	--	--	--	--
EB- 981	8S	2E	37	76-04-07	--	--	--	1130	--	--	--	--
EB- 982	8S	2E	5	76-04-12	0	95	13	474	7.9	24.5	10	3.7
EB- 983	7S	1E	59	76-04-01	--	--	--	421	--	--	--	--
EAST FELICIANA--Continued												
EF- 241	2S	1E	27	75-02-06	0	90	3.8	90	5.8	20.0	10	48
EF- 243	3S	2E	41	75-02-06	0	48	.7	60	5.9	19.5	10	30
EF- 248	3S	1E	15	75-06-30	0	100	--	465	9.1	32.0	5	.3
EF- 249	3S	3E	27	75-07-01	0	98	23	394	9.1	30.0	0	.3
IBERIA--Continued												
I - 105	17S	6E	34	76-01-20	0	69	7.5	1810	7.4	25.0	5	29
I - 108	17S	7E	29	76-06-03	0	71	9.3	2440	7.5	--	5	23
IBERVILLE--Continued												
IB- 39	7S	10E	38	76-02-10	--	--	--	1150	--	--	--	--
IB- 209A	7S	10E	47	75-05-27	0	100	--	552	8.8	31.0	15	.8
				76-02-10	--	--	--	552	--	--	--	--
IB- 231	9S	13E	3	75-05-14	--	--	--	867	7.9	21.0	--	--
				75-10-30	--	--	--	988	8.0	21.0	--	--
				76-07-09	0	84	9.3	925	7.8	20.5	5	11
IB- 232	9S	13E	3	75-05-14	--	--	--	1260	8.0	21.0	--	--
				75-10-30	--	--	--	1270	8.1	21.0	--	--
				76-07-09	0	92	17	1340	8.0	20.5	10	7.5
IB- 241	9S	13E	1	75-10-30	--	--	--	1040	7.9	23.0	--	--
JEFFERSON--Continued												
JF- 41	12S	10E	46	75-03-06	--	--	--	901	--	--	--	--
JF- 44	13S	23E	16	76-09-15	--	--	--	4090	--	25.0	--	--
JF- 66	12S	9E	37	75-11-11	--	--	--	1840	--	--	--	--
JF- 141	13S	22E	26	76-08-06	--	--	--	1580	--	--	--	--
JF- 148	13S	10E	41	76-09-15	--	--	--	840	--	24.5	--	--
JF- 152	13S	23E	8	75-11-11	--	--	--	1730	--	--	--	--
LAFAYETTE--Continued												
LF- 570A	10S	5E	68	75-02-02	0	98	35	1030	--	23.5	60	--
LF- 570B	10S	5E	68	75-02-06	0	81	7.7	738	8.2	22.0	5	4.4

LOCAL IDENT- IFIER				STATION	NUMBER	TOTAL DEPTH OF WELL (FT)	DATE OF SAMPLE	TIME	DIS- SOLVED SILICA (SI02) (MG/L)	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)
LAFAYETTE--Continued													
LF- 570C	10S	5E	68	300441091543803		825	75-02-13	1000	31	20	15	8.0	2.4
LF- 571A	10S	5E	51	301036091590201		926	75-06-17	1415	32	320	100	21	9.1
LF- 571B	10S	5E	51	301036091590202		650	75-07-07	1630	35	90	90	46	15
LIVINGSTON													
LI- 170A	7S	4E	35	302350090462101		1068	75-02-03	1115	32	20	0	4.0	1.7
LI- 170B	7S	4E	35	302350090462102		610	75-02-13	1030	51	770	470	14	3.4
LI- 170C	7S	4E	35	302350090462103		310	75-02-18	1030	34	2100	460	15	3.1
LI- 171	5S	5E	36	303417090392801		656	75-03-20	1430	34	80	0	7.0	2.3
LI- 172A	6S	4E	36	302844090451201		495	75-09-17	1200	65	200	0	10	2.0
LI- 172B	6S	4E	36	302844090451202		290	75-09-22	1000	59	200	200	9.2	1.9
LI- 173	7S	3E	41	302610090571801		631	76-03-24	1330	56	540	560	10	4.6
						631	76-07-23	1100	48	510	540	15	3.1
LI- 174	9S	4E	11	301632090462701		441	76-08-31	1500	43	360	120	7.7	.2
LI- 175	6S	3E	22	303012090542101		1866	76-09-20	1130	54	0	10	.2	.1
ORLEANS													
OR- 131	13S	11E		295705090041603		750	76-08-25	1000	--	--	--	--	--
OR- 133	12S	11E		295717090045001		757	76-08-25	0900	--	--	--	--	--
OR- 192	12S	11E	99	295958090040301		620	75-07-30	0955	28	0	10	3.0	.6
POINTE COUPEE													
PC- 67	6S	9E	62	303151091314801		1750	75-06-20	0930	--	40	90	--	--
PC- 158	6S	9E	121	303228091331101		1780	75-06-20	1130	--	50	90	--	--
PC- 159	6S	9E	61	303133091320501		1780	75-06-20	1015	--	50	90	--	--
PC- 160	6S	9E	63	303229091320301		1780	75-06-20	1100	--	20	90	--	--
PC- 166	5S	11E	95	303810091213501		2021	75-04-01	1100	23	80	0	.0	.0
PC- 167A	5S	10E	58	303927091290701		2120	75-05-06	1100	19	70	0	1.2	.0
PC- 167B	5S	10E	58	303927091290702		1830	75-05-12	1000	18	130	0	8.0	.0
PC- 167C	5S	10E	58	303927091290703		1040	75-05-15	1155	30	60	0	.0	.0
PC- 168	6S	9E	63	303146091323201		1000	75-06-20	1030	--	30	90	--	--
PC- 171	6S	9E	63	303206091322201		1640	76-09-15	1545	22	68	10	.0	.0
ST. HELENA													
SH- 37	2S	6E	35	304931090342101		175	75-07-02	1100	11	10	20	1.5	.6
ST. JAMES													
SJ- 18	12S	4E	40	300043090472701		285	75-03-19	1200	--	--	--	--	--
						285	76-03-24	1530	--	70	200	--	--
SJ- 19	12S	4E	39	300054090473101		290	75-05-20	1130	--	960	110	--	--
SJ- 70	11S	4E	10	300345090503501		413	75-03-13	1035	--	--	--	--	--
SJ- 71	11S	4E	19	300246090500701		186	75-04-04	1000	--	--	--	--	--
SJ- 81	13S	16E	39	295837090482901		300	75-06-12	1115	--	2900	--	--	--
SJ- 84	12S	17E	1	295918090471401		285	75-06-12	1545	--	--	--	--	--
SJ- 92	12S	4E	10	300125090485201		250	76-03-04	1015	--	420	70	--	--
SJ- 108	11S	3E	43	300408090520001		430	76-03-24	1300	--	360	50	--	--
SJ- 126	11S	4E	5	300430090504401		425	75-02-18	1510	--	--	--	--	--

LOCAL IDENTIFIER				DATE OF SAMPLE	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	ALKA- LINITY AS CACO3 (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)	DIS- SOLVED NITRATE (N) (MG/L)	
LAFAYETTE--Continued														
LF-	570C	10S	5E	68	75-02-13	130	1.6	325	7	278	1.8	33	.3	--
LF-	571A	10S	5E	51	75-06-17	88	1.9	284	0	233	.0	35	.2	--
LF-	571B	10S	5E	51	75-07-07	40	1.7	276	0	226	.2	22	.2	--
LIVINGSTON--Continued														
LI-	170A	7S	4E	35	75-02-03	62	.7	163	0	134	9.6	2.6	.2	--
LI-	170B	7S	4E	35	75-02-13	33	2.5	128	0	105	6.2	5.8	.1	--
LI-	170C	7S	4E	35	75-02-18	26	3.2	118	0	97	4.6	8.0	.1	--
LI-	171	5S	5E	36	75-03-20	10	2.8	45	0	37	2.0	9.6	.0	--
LI-	172A	6S	4E	36	75-09-17	21	3.4	65	0	70	6.9	5.1	.0	.00
LI-	172B	6S	4E	36	75-09-22	24	2.4	87	0	71	2.4	4.9	.1	--
LI-	173	7S	3E	41	76-03-24	34	3.6	131	0	107	7.2	6.4	.1	--
					76-07-23	34	2.7	122	0	100	6.4	6.0	.2	--
LI-	174	9S	4E	11	76-08-31	61	1.8	166	0	136	3.0	10	.2	--
LI-	175	6S	3E	22	76-09-20	73	.3	163	4	140	9.0	4.1	.0	--
ORLEANS--Continued														
OR-	131	13S	11E		76-08-25	--	--	--	--	--	--	310	--	--
OR-	133	12S	11E		76-08-25	--	--	--	--	--	--	150	--	--
OR-	192	12S	11E	99	75-07-30	160	2.0	362	6	307	.0	37	.3	--
POINTE COUPEE--Continued														
PC-	67	6S	9E	62	75-06-20	--	--	--	--	--	--	4.0	.3	--
PC-	158	6S	9E	121	75-06-20	--	--	--	--	--	--	28	.4	--
PC-	159	6S	9E	61	75-06-20	--	--	--	--	--	--	3.8	.4	--
PC-	160	6S	9E	63	75-06-20	--	--	--	--	--	--	4.0	.4	--
PC-	166	5S	11E	95	75-04-01	140	.6	295	30	292	8.0	2.0	.8	--
PC-	167A	5S	10E	58	75-05-06	95	.5	188	23	192	9.6	8.0	.3	--
PC-	167B	5S	10E	58	75-05-12	150	.6	284	40	300	4.6	24	1.0	--
PC-	167C	5S	10E	58	75-05-15	73	.3	159	7	142	11	2.9	.2	--
PC-	168	6S	9E	63	75-06-20	--	--	--	--	--	--	1.6	.4	--
PC-	171	6S	9E	63	76-09-15	76	.4	171	6	151	11	3.7	.1	--
ST. HELENA--Continued														
SH-	37	2S	6E	35	75-07-02	3.6	.4	12	0	10	1.3	4.1	.0	.03
ST. JAMES--Continued														
SJ-	18	12S	4E	40	75-03-19	--	--	--	--	--	--	54	--	--
					76-03-24	--	--	--	--	--	--	51	--	--
SJ-	19	12S	4E	39	75-05-20	--	--	--	--	--	--	94	--	--
SJ-	70	11S	4E	10	75-03-13	--	--	--	--	--	--	1100	--	--
SJ-	71	11S	4E	19	75-04-04	--	--	--	--	--	--	36	--	--
SJ-	81	13S	16E	39	75-06-12	--	--	--	--	--	--	16	--	--
SJ-	84	12S	17E	1	75-06-12	--	--	--	--	--	--	25	--	--
SJ-	92	12S	4E	10	76-03-04	--	--	--	--	--	--	27	--	--
SJ-	108	11S	3E	43	76-03-24	--	--	--	--	--	--	100	--	--
SJ-	126	11S	4E	5	75-02-18	--	--	--	--	--	--	750	--	--

LOCAL IDENTIFIER					DATE OF SAMPLE	TOTAL NITRATE (NO3) (MG/L)	DIS- SOLVED NITRATE (NO3) (MG/L)	DIS- SOLVED NITRITE (N) (MG/L)	DIS- SOLVED NITRITE (NO2) (MG/L)	DIS- SOLVED NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L)	HARD- NESS (CA+MG) (MG/L)
LAFAYETTE--Continued														
LF- 570C	10S	5E	68	75-02-13	.19	--	--	--	--	--	--	399	375	30
LF- 571A	10S	5E	51	75-06-17	.01	--	--	--	--	--	--	343	327	90
LF- 571B	10S	5E	51	75-07-07	.00	--	--	--	--	--	--	300	296	180
LIVINGSTON--Continued														
LI- 170A	7S	4E	35	75-02-03	.00	--	--	--	--	--	--	203	193	17
LI- 170B	7S	4E	35	75-02-13	.06	--	--	--	--	--	--	194	179	49
LI- 170C	7S	4E	35	75-02-18	.19	--	--	--	--	--	--	165	155	50
LI- 171	5S	5E	36	75-03-20	.02	--	--	--	--	--	--	91	90	27
LI- 172A	6S	4E	36	75-09-17	.00	.00	--	.00	--	--	--	167	156	33
LI- 172B	6S	4E	36	75-09-22	.02	--	--	--	--	--	--	--	147	31
LI- 173	7S	3E	41	76-03-24	.00	--	--	--	--	--	--	186	187	44
				76-07-23	.22	--	--	--	--	--	--	177	190	50
LI- 174	9S	4E	11	76-08-31	.03	--	--	--	--	--	--	208	209	20
LI- 175	6S	3E	22	76-09-20	.00	--	--	--	--	--	--	225	225	1
ORLEANS--Continued														
OR- 131	13S	11E		76-08-25	--	--	--	--	--	--	--	--	--	55
OR- 133	12S	11E		76-08-25	--	--	--	--	--	--	--	--	--	21
OR- 192	12S	11E	99	75-07-30	.73	--	--	--	--	--	--	452	416	10
POINTE COUPEE--Continued														
PC- 67	6S	9E	62	75-06-20	--	--	--	--	--	--	--	224	--	0
PC- 158	6S	9E	121	75-06-20	--	--	--	--	--	--	--	252	--	18
PC- 159	6S	9E	61	75-06-20	--	--	--	--	--	--	--	224	--	0
PC- 160	6S	9E	63	75-06-20	--	--	--	--	--	--	--	230	--	0
PC- 166	5S	11E	95	75-04-01	.87	--	--	--	--	--	--	367	350	0
PC- 167A	5S	10E	58	75-05-06	.12	--	--	--	--	--	--	274	249	3
PC- 167B	5S	10E	58	75-05-12	.24	--	--	--	--	--	--	402	386	2
PC- 167C	5S	10E	58	75-05-15	.00	--	--	--	--	--	--	205	203	0
PC- 168	6S	9E	63	75-06-20	--	--	--	--	--	--	--	260	--	0
PC- 171	6S	9E	63	76-09-15	.00	--	--	--	--	--	--	217	204	0
ST. HELENA--Continued														
SH- 37	2S	6E	35	75-07-02	--	.13	.00	.00	.03	.01	--	37	29	6
ST. JAMES--Continued														
SJ- 18	12S	4E	40	75-03-19	--	--	--	--	--	--	--	--	--	140
				76-03-24	--	--	--	--	--	--	--	--	--	150
SJ- 19	12S	4E	39	75-05-20	--	--	--	--	--	--	--	--	--	120
SJ- 70	11S	4E	10	75-03-13	--	--	--	--	--	--	--	--	--	250
SJ- 71	11S	4E	19	75-04-04	--	--	--	--	--	--	--	--	--	360
SJ- 81	13S	16E	39	75-06-12	--	--	--	--	--	--	--	--	--	120
SJ- 84	12S	17E	1	75-06-12	--	--	--	--	--	--	--	--	--	390
SJ- 92	12S	4E	10	76-03-04	--	--	--	--	--	--	--	--	--	130
SJ- 108	11S	3E	43	76-03-24	--	--	--	--	--	--	--	--	--	76
SJ- 126	11S	4E	5	75-02-18	--	--	--	--	--	--	--	--	--	130

LOCAL IDENTIFIER				DATE OF SAMPLE	NON-CARBONATE HARDNESS (MG/L)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	CARBON DIOXIDE (CO2) (MG/L)
LAFAYETTE--Continued												
LF- 570C	10S	5E	68	75-02-13	0	90	10	627	7.7	23.0	15	11
LF- 571A	10S	5E	51	75-06-17	0	67	4.0	556	8.0	--	0	4.5
LF- 571B	10S	5E	51	75-07-07	0	33	1.3	501	--	--	0	--
LIVINGSTON--Continued												
LI- 170A	7S	4E	35	75-02-03	0	88	6.5	284	8.1	25.0	0	2.1
LI- 170B	7S	4E	35	75-02-13	0	58	2.1	240	7.2	22.5	20	13
LI- 170C	7S	4E	35	75-02-18	0	51	1.6	222	7.0	21.0	40	19
LI- 171	5S	5E	36	75-03-20	0	42	.8	113	5.9	20.0	0	91
LI- 172A	6S	4E	36	75-09-17	0	55	1.6	169	6.5	21.5	4	43
LI- 172B	6S	4E	36	75-09-22	0	61	1.9	163	6.2	20.5	0	88
LI- 173	7S	3E	41	76-03-24	0	60	2.2	237	7.0	23.0	0	21
				76-07-23	0	58	2.1	234	6.8	23.0	5	31
LI- 174	9S	4E	11	76-08-31	0	86	5.9	298	7.6	22.0	5	6.7
LI- 175	6S	3E	22	76-09-20	0	99	33	267	8.6	29.5	5	.7
ORLEANS--Continued												
OR- 131	13S	11E		76-08-25	--	--	--	1660	--	--	--	--
OR- 133	12S	11E		76-08-25	--	--	--	1170	7.9	--	--	--
OR- 192	12S	11E	99	75-07-30	0	97	22	700	8.3	25.0	120	3.0
POINTE COUPEE--Continued												
PC- 67	6S	9E	62	75-06-20	--	--	--	310	8.0	28.0	--	--
PC- 158	6S	9E	121	75-06-20	--	--	--	407	8.9	28.0	--	--
PC- 159	6S	9E	61	75-06-20	--	--	--	310	8.9	28.0	--	--
PC- 160	6S	9E	63	75-06-20	--	--	--	320	9.0	--	--	--
PC- 166	5S	11E	95	75-04-01	0	100	--	604	9.2	--	15	.4
PC- 167A	5S	10E	58	75-05-06	0	98	24	421	9.2	29.5	5	.2
PC- 167B	5S	10E	58	75-05-12	0	94	15	673	9.2	29.0	25	.4
PC- 167C	5S	10E	58	75-05-15	0	100	--	298	8.8	26.0	0	.4
PC- 168	6S	9E	63	75-06-20	--	--	--	352	9.4	--	--	--
PC- 171	6S	9E	63	76-09-15	0	100	--	328	8.8	27.0	5	.5
ST. HELENA--Continued												
SH- 37	2S	6E	35	75-07-02	0	54	.6	31	5.6	21.0	4	48
ST. JAMES--Continued												
SJ- 18	12S	4E	40	75-03-19	--	--	--	983	--	--	--	--
				76-03-24	--	--	--	1000	--	--	--	--
SJ- 19	12S	4E	39	75-05-20	--	--	--	1030	7.5	--	--	--
SJ- 70	11S	4E	10	75-03-13	--	--	--	3780	--	--	--	--
SJ- 71	11S	4E	19	75-04-04	--	--	--	1060	7.2	20.5	--	--
SJ- 81	13S	16E	39	75-06-12	--	--	--	657	7.6	21.0	--	--
SJ- 84	12S	17E	1	75-06-12	--	--	--	1010	7.3	--	--	--
SJ- 92	12S	4E	10	76-03-04	--	--	--	461	--	20.0	--	--
SJ- 108	11S	3E	43	76-03-24	--	--	--	901	7.7	--	--	--
SJ- 126	11S	4E	5	75-02-18	--	--	--	2840	--	21.0	--	--

LOCAL IDENT- IFIER	STATION	NUMBER	TOTAL DEPTH OF WELL (FT)	DATE OF SAMPLE	TIME	DIS- SOLVED SILICA (SiO2) (MG/L)	DIS- SOLVED IRON (FE) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)
ST. JAMES--Continued										
SJ- 129	12S	4E 42	300143090471001	304	75-02-18	1350	--	--	--	--
SJ- 130	12S	4E 75	300106090463701	84	75-04-04	1520	--	240	70	--
SJ- 131	12S	4E 50	300120090455001	265	75-04-04	1445	--	60	30	--
SJ- 171	11S	3E 16	300621090534801	425	75-04-23	1120	--	670	200	--
SJ- 173	12S	16E 9	295938090505001	344	76-03-17	1045	--	--	--	--
SJ- 185	11S	5E 43	300433090403701	230	75-06-04	1040	--	--	--	--
SJ- 187	12S	4E 43	300109090470101	270	75-04-11	1400	--	110	200	--
SJ- 189	12S	4E 8	300112090494001	216	75-04-11	1145	--	2300	120	--
SJ- 189	12S	4E 76	300117090463201	270	75-04-18	1250	--	250	0	--
				270	75-05-22	1200	23	200	10	6.0
SJ- 190	12S	4E 48	300127090461501	267	75-05-05	1500	--	80	--	--
SJ- 191	12S	5E 46	300202090444401	235	75-05-22	1500	--	750	--	--
SJ- 193	11S	3E 7	3001718090520001	408	75-09-30	1330	26	360	100	30
SJ- 194	12S	4E 40	300117090472001	259	75-09-24	1430	26	180	40	18
SJ- 195A	12S	4E 43	300115090470201	329	75-10-13	1530	25	430	60	28
SJ- 195H	12S	4E 43	300115090470202	262	75-10-15	1445	25	160	20	8.0
SJ- 195	12S	4E 8	300123090491501	278	75-11-08	1415	27	390	70	38
SJ- 197	12S	4E 49	300134090455901	300	75-11-24	1300	22	140	20	13
SJ- 198A	12S	4E 46	300056090464501	358	75-12-05	1615	25	970	210	62
SJ- 198H	12S	4E 46	300056090464502	188	75-12-08	1530	28	700	300	67
SJ- 199	11S	5E 43	300422090412401	255	75-12-15	1500	26	840	120	49
SJ- 200A	12S	4E 50	300115090453101	335	75-12-22	1520	24	270	0	4.5
SJ- 200H	12S	4E 50	300115090453102	159	76-01-05	1530	23	450	140	31
SJ- 201	12S	17E 6	300008090465201	280	76-03-09	1430	--	2100	220	--
SJ- 202	12S	16E 31	300322090522601	220	76-03-17	1230	--	1900	--	--
SJ- 204	12S	17E 12	300012090453701	325	76-04-30	1330	--	0	1400	--
ST. JOHN THE BAPTIST										
SJR- 165	10S	8E 5	301247090245901	3000	75-03-19	1345	28	130	20	1.9
				3000	75-06-30	1115	--	--	--	.6
				3000	76-01-16	1130	--	--	--	--
				3000	76-07-07	1028	--	--	--	--
SJR- 165	11S	8E 18	300517090262701	540	75-06-30	1150	--	--	--	--
SJR- 167	11S	7E 70	300448090300601	576	75-07-17	1415	--	130	50	--
SJR- 168	11S	5E 190	300427090394601	220	75-12-17	1515	28	1000	260	77
ST. MARTIN										
SMN- 130	10S	6E 96	301136091525701	870	75-01-14	0830	30	520	80	10
SMN- 131A	9S	5E 21	301242091571001	1017	75-02-28	0930	22	10	290	61
SMN- 131H	9S	5E 21	301242091571002	811	75-03-07	0830	34	220	55	34
SMN- 132	8S	6E 69	302004091532901	728	75-03-14	1000	31	630	70	23
SMN- 133	9S	6E 16	301523091513001	685	75-03-21	1100	37	830	110	45
SMN- 134A	10S	7E 47	300947091472101	834	75-04-07	1400	35	320	40	9.0
SMN- 134H	10S	7E 47	300947091472102	846	75-04-10	1300	38	100	30	10

				DATE OF SAMPLE	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)	BICAR- BONATE (HCO3) (MG/L)	CAR- BONATE (CO3) (MG/L)	ALKA- LITY AS CACO3 (MG/L)	DIS- SOLVED SULFATE (SO4) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)	DIS- SOLVED NITRATE (N) (MG/L)
ST. JAMES--Continued													
SJ- 129	12S	4E	42	75-02-18	--	--	--	--	--	--	730	--	--
SJ- 130	12S	4E	75	75-04-04	--	--	--	--	--	--	35	--	--
SJ- 131	12S	4E	50	75-04-04	--	--	--	--	--	--	15	--	--
SJ- 171	11S	3E	16	75-04-23	--	--	--	--	--	--	720	--	--
SJ- 173	12S	16E	9	76-03-17	--	--	--	--	--	--	76	--	--
SJ- 186	11S	5E	43	75-06-04	--	--	--	--	--	--	96	--	--
SJ- 187	12S	4E	43	75-04-11	--	--	--	--	--	--	26	--	--
SJ- 188	12S	4E	8	75-04-11	--	--	--	--	--	--	91	--	--
SJ- 189	12S	4E	76	75-04-18	--	--	--	--	--	--	54	--	--
				75-05-22	150	1.0	325	0	267	.2	56	.6	--
SJ- 190	12S	4E	48	75-05-05	--	--	--	--	--	--	8.4	--	--
SJ- 191	12S	5E	46	75-05-22	--	--	--	--	--	--	590	--	--
SJ- 193	11S	3E	7	75-09-30	200	5.0	232	0	190	12	260	.2	--
SJ- 194	12S	4E	40	75-09-24	360	4.5	436	0	358	1.0	340	.5	--
SJ- 195A	12S	4E	43	75-10-13	330	4.5	408	0	335	2.6	330	.5	--
SJ- 195B	12S	4E	43	75-10-15	170	2.4	364	0	299	1.6	60	.9	--
SJ- 196	12S	4E	8	75-11-08	59	2.0	275	0	226	.2	24	.1	--
SJ- 197	12S	4E	49	75-11-24	260	2.2	467	0	383	26	140	.8	--
SJ- 198A	12S	4E	46	75-12-05	110	2.2	554	0	454	.0	13	.2	--
SJ- 198B	12S	4E	46	75-12-08	64	2.1	417	0	342	10	14	.2	--
SJ- 199	11S	5E	43	75-12-15	280	4.4	320	0	262	.0	400	.4	--
SJ- 200A	12S	4E	50	75-12-22	220	1.1	415	0	340	.0	120	.1	--
SJ- 200B	12S	4E	50	76-01-05	200	2.4	426	0	349	1.2	150	.2	--
SJ- 201	12S	17E	6	76-03-09	--	--	--	--	--	.4	70	--	--
SJ- 202	12S	16E	31	76-03-17	--	--	--	--	--	--	20	--	--
SJ- 204	12S	17E	12	76-04-30	--	--	--	--	--	--	17	--	--
ST. JOHN THE BAPTIST--Continued													
SJR- 165	10S	8E	5	75-03-19	170	.8	344	26	325	12	17	.5	.01
				75-06-30	--	--	--	--	--	--	20	--	--
				76-01-16	--	--	--	--	--	--	29	--	--
				76-07-07	--	--	--	--	--	--	20	--	--
SJR- 166	11S	8E	18	75-06-30	--	--	--	--	--	--	410	--	--
SJR- 167	11S	7E	70	75-07-17	--	--	--	--	--	--	460	--	--
SJR- 168	11S	5E	190	75-12-17	280	3.8	331	0	271	24	440	.1	--
ST. MARTIN--Continued													
SMN- 130	10S	6E	96	75-01-14	130	1.9	355	0	291	.0	37	.2	--
SMN- 131A	9S	5E	21	75-02-28	1100	5.2	301	0	247	10	1800	.2	--
SMN- 131B	9S	5E	21	75-03-07	50	1.8	264	0	217	.0	9.6	.2	--
SMN- 132	8S	6E	69	75-03-14	550	3.0	620	0	509	.0	570	.5	--
SMN- 133	9S	6E	16	75-03-21	150	2.7	573	0	470	.0	30	.2	--
SMN- 134A	10S	7E	47	75-04-07	360	2.3	455	0	373	2.0	310	.3	--
SMN- 134B	10S	7E	47	75-04-10	360	2.0	448	0	367	.2	320	.3	--

LOCAL IDENT- IFIER	DATE OF SAMPLE	TOTAL NITRATE (NO3) (MG/L)	DIS- SOLVED NITRATE (NO3) (MG/L)	DIS- SOLVED NITRITE (N) (MG/L)	DIS- SOLVED NITRITE (NO2) (MG/L)	DIS- SOLVED NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOS- PHORUS (P) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARD- NESS (CA+MG) (MG/L)
ST. JAMES--Continued										
SJ- 129	12S 4E 42	75-02-18	--	--	--	--	--	--	--	250
SJ- 130	12S 4E 75	75-04-04	--	--	--	--	--	--	--	34
SJ- 131	12S 4E 50	75-04-04	--	--	--	--	--	--	--	12
SJ- 171	11S 3E 16	75-04-23	--	--	--	--	--	--	--	140
SJ- 173	12S 16E 9	76-03-17	--	--	--	--	--	--	--	320
SJ- 186	11S 5E 43	75-06-04	--	--	--	--	--	--	--	280
SJ- 187	12S 4E 43	75-04-11	--	--	--	--	--	--	--	10
SJ- 188	12S 4E 8	75-04-11	--	--	--	--	--	--	--	190
SJ- 189	12S 4E 76	75-04-18	--	--	--	--	--	--	--	22
		75-05-22	.13	--	--	--	--	404	399	23
SJ- 190	12S 4E 48	75-05-05	--	--	--	--	--	--	--	13
SJ- 191	12S 5E 46	75-05-22	--	--	--	--	--	--	--	280
SJ- 193	11S 3E 7	75-09-30	.16	--	--	--	--	658	657	120
SJ- 194	12S 4E 40	75-09-24	.26	--	--	--	--	977	971	68
SJ- 195A	12S 4E 43	75-10-13	.02	--	--	--	--	916	931	110
SJ- 195B	12S 4E 43	75-10-15	.24	--	--	--	--	474	447	20
SJ- 196	12S 4E 8	75-11-08	2.4	--	--	--	--	304	297	140
SJ- 197	12S 4E 49	75-11-24	.06	--	--	--	--	677	696	38
SJ- 198A	12S 4E 46	75-12-05	.23	--	--	--	--	506	504	244
SJ- 198B	12S 4E 46	75-12-08	.31	--	--	--	--	396	408	236
SJ- 199	11S 5E 43	75-12-15	.06	--	--	--	--	943	939	210
SJ- 200A	12S 4E 50	75-12-22	.74	--	--	--	--	592	576	18
SJ- 200B	12S 4E 50	76-01-05	2.8	--	--	--	--	636	631	120
SJ- 201	12S 17E 6	76-03-09	--	--	--	--	--	--	--	290
SJ- 202	12S 16E 31	76-03-17	--	--	--	--	--	--	--	170
SJ- 204	12S 17E 12	76-04-30	--	--	--	--	--	--	--	490
ST. JOHN THE BAPTIST--Continued										
SJB- 165	10S 8E 5	75-03-19	--	.04	.00	.00	.01	.48	442	426
		75-06-30	--	--	--	--	--	--	--	5
		76-01-16	--	--	--	--	--	--	--	2
		76-07-07	--	--	--	--	--	--	--	0
SJB- 166	11S 8E 18	75-06-30	--	--	--	--	--	--	--	1
			--	--	--	--	--	--	--	28
SJB- 167	11S 7E 70	75-07-17	--	--	--	--	--	--	--	40
SJB- 168	11S 5E 190	75-12-17	.09	--	--	--	--	1030	1050	320
ST. MARTIN--Continued										
SMN- 130	10S 6E 96	75-01-14	.15	--	--	--	--	419	389	45
SMN- 131A	9S 5E 21	75-02-28	.11	--	--	--	--	3190	3180	270
SMN- 131B	9S 5E 21	75-03-07	.12	--	--	--	--	284	269	120
SMN- 132	8S 6E 69	75-03-14	.30	--	--	--	--	1500	1490	98
SMN- 133	9S 6E 16	75-03-21	1.8	--	--	--	--	580	570	200
SMN- 134A	10S 7E 47	75-04-07	.18	--	--	--	--	960	945	31
SMN- 134B	10S 7E 47	75-04-10	.17	--	--	--	--	974	953	30

LOCAL IDENTIFIER				DATE OF SAMPLE	NON-CARBONATE HARDNESS (MG/L)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
ST. JAMES--Continued													
SJ- 129	12S	4E	42	75-02-18	--	--	--	2930	--	20.5	--	--	--
SJ- 130	12S	4E	75	75-04-04	--	--	--	516	7.5	20.5	--	--	--
SJ- 131	12S	4E	50	75-04-04	--	--	--	458	7.9	21.0	--	--	--
SJ- 171	11S	3E	16	75-04-23	--	--	--	2570	7.8	21.0	--	--	--
SJ- 173	12S	16E	9	76-03-17	--	--	--	969	7.2	--	--	--	--
SJ- 186	11S	5E	43	75-06-04	--	--	--	1280	--	--	--	--	--
SJ- 187	12S	4E	43	75-04-11	--	--	--	590	8.0	21.0	40	--	--
SJ- 188	12S	4E	8	75-04-11	--	--	--	1040	7.6	20.0	--	--	--
SJ- 189	12S	4E	76	75-04-18	--	--	--	697	7.9	21.0	20	--	--
				75-05-22	0	93	14	679	7.9	21.0	20	--	--
SJ- 190	12S	4E	48	75-05-05	--	--	--	495	8.1	20.5	25	--	--
SJ- 191	12S	5E	46	75-05-22	--	--	--	2370	7.4	21.0	--	--	--
SJ- 193	11S	3E	7	75-09-30	0	78	8.1	1180	7.6	21.5	0	--	--
SJ- 194	12S	4E	40	75-09-24	0	91	19	1720	7.8	20.5	20	--	--
SJ- 195A	12S	4E	43	75-10-13	0	87	14	1630	7.6	21.0	10	--	--
SJ- 195B	12S	4E	43	75-10-15	0	94	17	761	7.9	21.0	55	--	--
SJ- 196	12S	4E	8	75-11-08	0	48	2.2	503	7.7	21.0	2	--	--
SJ- 197	12S	4E	49	75-11-24	0	93	18	1120	8.1	21.0	--	--	--
SJ- 198A	12S	4E	46	75-12-05	0	49	3.1	813	7.4	21.0	10	--	--
SJ- 198B	12S	4E	46	75-12-08	0	37	1.8	882	7.6	20.0	10	--	--
SJ- 199	11S	5E	43	75-12-15	0	74	8.4	1750	7.4	20.5	5	--	--
SJ- 200A	12S	4E	50	75-12-22	0	96	23	995	7.8	21.5	110	--	--
SJ- 200B	12S	4E	50	76-01-05	0	79	8.1	1090	7.4	20.0	5	--	--
SJ- 201	12S	17E	6	76-03-09	--	--	--	931	7.2	21.0	--	--	--
SJ- 202	12S	16E	31	76-03-17	--	--	--	388	7.2	--	--	--	--
SJ- 204	12S	17E	12	76-04-30	--	--	--	900	7.3	21.0	--	--	--
ST. JOHN THE BAPTIST--Continued													
SJB- 165	10S	8E	5	75-03-19	0	98	34	698	9.0	35.0	30	--	--
				75-06-30	--	--	--	689	9.0	36.0	50	2.0	.00
				76-01-16	--	--	--	688	8.6	--	--	--	--
				76-07-07	--	--	--	703	--	39.5	--	--	--
SJB- 166	11S	8E	18	75-06-30	--	--	--	1780	--	--	--	--	--
SJB- 167	11S	7E	70	75-07-17	--	--	--	2070	7.8	23.0	20	--	--
SJB- 168	11S	5E	190	75-12-17	47	65	6.8	1870	7.5	20.5	5	--	--
ST. MARTIN--Continued													
SMN- 130	10S	6E	96	75-01-14	0	86	8.4	660	7.6	23.5	10	--	--
SMN- 131A	9S	5E	21	75-02-28	27	89	29	5720	8.1	--	10	--	--
SMN- 131B	9S	5E	21	75-03-07	0	46	1.9	440	7.4	23.5	0	--	--
SMN- 132	8S	6E	69	75-03-14	0	92	24	2700	7.2	22.0	0	--	--
SMN- 133	9S	6E	16	75-03-21	0	62	4.6	927	6.8	22.0	0	--	--
SMN- 134A	10S	7E	47	75-04-07	0	96	28	1670	7.3	22.5	15	--	--
SMN- 134B	10S	7E	47	75-04-10	0	96	29	1690	7.3	22.5	10	--	--

LOCAL IDENTIFIER				STATION	NUMBER	TOTAL DEPTH OF WELL (FT)	DATE OF SAMPLE	TIME	DIS-SOLVED SILICA (SI02) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)
ST. MARTIN--Continued													
SMN-	135A	9S	6E	15	301512091503001	680	75-04-23	1000	35	1400	110	28	5.8
SMN-	135B	9S	6E	15	301512091503002	658	75-05-07	1230	37	400	80	24	11
SMN-	136A	8S	6E	39	301755091510601	676	75-05-22	1430	36	530	40	8.0	4.6
SMN-	136B	8S	6E	39	301755091510602	597	75-05-27	1500	36	1000	100	44	15
SMN-	137	9S	6E	14	301605091492201	658	75-06-09	1800	34	540	90	22	9.5
ST. MARY													
SM-	61	(OFFSHORE)			294309091421001	640	76-01-13	1400	29	1300	65	72	25
ST. TAMMANY													
ST-	644	7S	11E	46	302813090072802	1710	75-02-05	--	--	0	--	--	--
ST-	707	8S	14E	19	301945089500201	2100	76-01-22	1120	20	30	20	.0	.0
ST-	726	5S	10E	10	303741090111604	2254	75-09-10	1430	23	40	10	1.1	.1
ST-	739	8S	14E	19	302031089492401	1576	76-01-22	0900	23	0	10	.2	.0
ST-	740	8S	14E	19	302031089492402	818	76-01-22	0905	18	70	0	.8	.0
TANGIPAHOA													
TA-	440	2S	8E	47	305434090264201	603	75-09-25	1245	22	50	85	7.9	1.3
VERMILION													
VE-	663A	11S	3E	11	300617092073202	583	76-02-21	1340	27	850	130	49	13
VE-	663B	11S	3E	11	300617092073201	762	76-02-17	1440	38	640	80	26	7.6
VE-	664	11S	3E	11	300517092073203	111	76-02-21	1030	32	1300	260	53	13
WASHINGTON													
WA-	56	3S	13E	38	304641089512101	1376	76-06-17	1100	34	0	0	.3	.1
WA-	91	1S	9E	32	305515090194101	600	75-09-25	1530	28	120	70	8.0	.0
WA-	93	3S	13E	12	304813089505001	1407	76-06-24	1530	47	30	0	.4	.0
WA-	97	2S	14E	47	305339089494501	750	75-03-05	1500	46	2500	0	2.0	.7
WA-	98	2S	14E	48	305208089484501	312	75-03-05	1330	--	370	130	6.0	.7
WA-	99	2S	14E	42	305353089495001	312	75-03-27	1400	56	--	--	5.1	.3
						320	75-03-05	1430	--	40	0	2.8	.7
						320	75-03-27	1200	29	--	--	3.0	.6
WA-	100	2S	14E	47	305341089495201	400	75-03-05	1530	--	340	0	2.0	.7
						400	75-03-27	1245	28	--	--	2.9	.2
WA-	101	2S	14E	42	305335089492801	440	75-03-27	1345	35	2400	20	3.8	.6
WA-	105	2S	10E	55	305423090084804	2380	75-11-05	1300	53	90	23	.4	.0
WA-	108	2S	10E	44	305140090103801	1030	76-06-15	1545	53	1300	50	3.2	1.0
WA-	112A	1S	13E	36	305459089510501	1750	76-02-27	1345	30	490	41	1.4	.1
WA-	112B	1S	13E	36	305459089510502	1435	76-03-05	1330	44	1900	95	3.1	.5
WA-	112C	1S	13E	36	305459089510503	1250	76-03-15	1300	45	2500	80	2.9	1.2
WA-	112D	1S	13E	36	305459089510504	1050	76-03-22	1245	56	970	100	6.0	2.7
WEST BATON ROUGE													
WBR-	20	7S	12E	71	302523091124201	2080	76-06-07	1140	--	--	--	--	--
WBR-	35	7S	12E	68	302657091124201	1290	76-06-09	0845	--	--	--	--	--
WBR-	35	7S	12E	69	302610091121101	1360	75-05-21	0840	--	--	--	5.6	.1
						1360	75-11-21	1035	--	--	--	--	--
						1360	76-06-04	0940	--	--	--	--	--
WBR-	37	7S	12E	69	302613091121501	1356	75-11-21	1045	--	--	--	--	--
						1356	76-06-04	0850	--	--	--	--	--
WBR-	39	8S	12E	5	302417091132901	2140	75-05-16	0900	--	--	--	5.0	.0

LOCAL IDENTIFIER				DATE OF SAMPLE	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CAC03 (MG/L)	TOTAL SULFIDE (S) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)
ST. MARTIN--Continued													
SMN- 135A	9S	6E	15	75-04-23	180	2.2	518	0	425	--	.0	48	.2
SMN- 135B	9S	6E	15	75-05-07	140	2.1	428	0	351	--	.2	34	.2
SMN- 136A	8S	6E	39	75-05-22	270	2.4	458	0	376	--	.0	180	.3
SMN- 136B	8S	6E	39	75-05-27	160	2.8	514	0	422	--	.0	60	.2
SMN- 137	9S	6E	14	75-06-09	170	1.8	519	0	426	--	.0	36	.2
ST. MARY--Continued													
SM- 61	(OFFSHORE)			76-01-13	150	3.4	400	0	328	--	.6	210	1.0
ST. TAMMANY--Continued													
ST- 644	7S	11E	46	75-02-05	--	--	--	--	--	--	--	3.8	--
ST- 707	8S	14E	19	76-01-22	100	.7	228	19	219	.5	10	.0	1.0
ST- 726	5S	10E	10	75-09-10	60	.3	148	3	126	--	8.2	2.9	.2
ST- 739	8S	14E	19	76-01-22	100	.4	210	26	216	.0	10	1.9	1.2
ST- 740	8S	14E	19	76-01-22	180	.6	304	28	296	.4	8.0	64	1.4
TANGIPAHOA--Continued													
TA- 440	2S	8E	47	75-09-25	4.5	3.0	40	0	33	--	2.2	2.2	.1
VERMILION--Continued													
VE- 663A	11S	3E	11	76-02-21	100	2.5	343	0	281	--	.0	80	.2
VE- 663B	11S	3E	11	76-02-17	190	4.2	346	0	284	--	.0	150	.2
VE- 664	11S	3E	11	76-02-21	63	2.1	336	0	276	--	.0	31	.2
WASHINGTON--Continued													
WA- 56	3S	13E	38	76-06-17	60	.4	145	0	119	--	9.4	3.5	.6
WA- 91	1S	9E	32	75-09-25	12	3.8	40	0	33	--	13	2.0	.3
WA- 93	3S	13E	12	76-06-24	41	.4	92	0	75	--	8.8	3.3	.4
WA- 97	2S	14E	47	75-03-05	9.0	2.7	22	0	18	--	8.0	2.5	.1
WA- 98	2S	14E	48	75-03-05	--	--	--	--	--	--	--	--	--
				75-03-27	15	1.9	44	0	36	--	8.0	2.0	.1
				75-03-05	--	--	--	--	--	--	--	--	--
				75-03-27	5.0	2.6	20	0	16	--	4.4	2.5	.0
WA- 100	2S	14E	47	75-03-05	--	--	--	--	--	--	--	--	--
				75-03-27	4.2	2.1	9	0	7	--	10	2.2	.0
WA- 101	2S	14E	42	75-03-27	8.3	2.5	21	0	17	--	12	2.8	.1
WA- 106	2S	10E	55	75-11-05	100	1.3	242	7	210	--	7.2	2.0	.9
WA- 108	2S	10E	44	76-06-15	11	3.4	30	0	25	--	10	2.3	.2
WA- 112A	1S	13E	36	76-02-27	50	1.0	140	0	115	--	1.8	2.6	.2
WA- 112B	1S	13E	36	76-03-05	19	4.6	56	0	46	--	7.6	3.8	.1
WA- 112C	1S	13E	36	76-03-15	11	4.2	37	0	30	--	6.6	3.8	.0
WA- 112D	1S	13E	36	76-03-22	11	4.5	42	0	34	--	10	5.8	1.3
WEST BATON ROUGE--Continued													
WBR- 20	7S	12E	71	76-06-07	--	--	--	--	--	--	--	2.5	--
WBR- 35	7S	12E	68	76-06-09	--	--	--	--	--	--	--	1.7	--
WBR- 36	7S	12E	69	75-05-21	--	--	--	--	--	--	--	61	--
				75-11-21	--	--	--	--	--	--	--	83	--
				76-06-04	--	--	--	--	--	--	--	81	--
WBR- 37	7S	12E	69	75-11-21	--	--	--	--	--	--	--	84	--
				76-06-04	--	--	--	--	--	--	--	82	--
WBR- 39	8S	12E	5	75-05-16	--	--	--	--	--	--	--	16	--

LOCAL IDENTIFIER				DATE OF SAMPLE	TOTAL NITRATE (NO3) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA+MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)
ST. MARTIN--Continued												
SMN- 135A	9S	6E	15	75-04-23	.06	582	556	94	0	80	8.1	949
SMN- 135B	9S	6E	15	75-05-07	.00	477	460	100	0	74	5.9	753
SMN- 136A	8S	6E	39	75-05-22	.01	740	727	39	0	93	19	1250
SMN- 136B	8S	6E	39	75-05-27	.06	579	572	170	0	67	5.3	955
SMN- 137	9S	6E	14	75-06-09	.10	536	530	94	0	79	7.6	848
ST. MARY--Continued												
SM- 61	(OFFSHORE)			76-01-13	.81	690	689	280	0	53	3.9	1230
ST. TAMMANY--Continued												
ST- 644	7S	11E	46	75-02-05	--	--	--	7	--	--	--	--
ST- 707	8S	14E	19	76-01-22	.16	268	263	0	0	100	--	439
ST- 726	5S	10E	10	75-09-10	.85	177	176	3	0	97	15	260
ST- 739	8S	14E	19	76-01-22	.13	275	266	1	0	100	62	441
ST- 740	8S	14E	19	76-01-22	.25	456	450	2	0	99	55	768
TANGIPAHOA--Continued												
TA- 440	2S	8E	47	75-09-25	.09	62	63	25	0	25	.4	81
VERMILION--Continued												
VE- 663A	11S	3E	11	76-02-21	.19	442	441	170	0	55	3.3	757
VE- 663B	11S	3E	11	76-02-17	.27	585	586	96	0	80	8.4	995
VE- 664	11S	3E	11	76-02-21	.24	367	362	180	0	42	2.0	594
WASHINGTON--Continued												
WA- 56	3S	13E	38	76-06-17	.32	186	180	1	0	99	24	261
WA- 91	1S	9E	32	75-09-25	.20	--	87	20	0	51	1.2	104
WA- 93	3S	13E	12	76-06-24	.00	152	146	1	0	98	18	178
WA- 97	2S	14E	47	75-03-05	.13	83	85	8	0	63	1.4	69
WA- 98	2S	14E	48	75-03-05	--	--	--	18	--	--	--	--
WA- 99	2S	14E	42	75-03-27	.13	105	111	14	0	67	1.7	105
				75-03-05	--	--	--	10	--	--	--	--
				75-03-27	.16	58	57	10	0	45	.7	56
WA- 100	2S	14E	47	75-03-05	--	--	--	8	--	--	--	--
				75-03-27	.15	54	54	8	1	46	.6	54
WA- 101	2S	14E	42	75-03-27	.09	78	78	12	0	54	1.0	71
WA- 106	2S	10E	55	75-11-05	.41	--	291	1	0	99	44	420
WA- 108	2S	10E	44	76-06-15	.00	100	99	12	0	59	1.4	83
WA- 112A	1S	13E	36	75-02-27	.15	150	156	4	0	95	11	216
WA- 112B	1S	13E	36	76-03-05	.31	118	113	10	0	73	2.6	116
WA- 112C	1S	13E	36	76-03-15	.05	99	95	12	0	58	1.4	92
WA- 112D	1S	13E	36	76-03-22	.08	110	118	26	0	43	.9	103
WEST BATON ROUGE--Continued												
WBR- 20	7S	12E	71	76-06-07	--	--	--	3	--	--	--	319
WBR- 35	7S	12E	68	76-06-09	--	--	--	2	--	--	--	299
WBR- 36	7S	12E	69	75-05-21	--	--	--	14	--	--	--	555
				75-11-21	--	--	--	7	--	--	--	616
				76-06-04	--	--	--	4	--	--	--	613
WBR- 37	7S	12E	69	75-11-21	--	--	--	6	--	--	--	613
				76-06-04	--	--	--	8	--	--	--	613
WBR- 39	8S	12E	5	75-05-16	--	--	--	12	--	--	--	351

LOCAL IDENTIFIER				DATE OF SAMPLE	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CARBON DIOXIDE (CO2) (MG/L)
ST. MARTIN--Continued								
SMN- 135A	9S	6E	15	75-04-23	7.2	22.0	0	52
SMN- 135B	9S	6E	15	75-05-07	7.2	22.0	5	43
SMN- 136A	8S	6E	39	75-05-22	8.3	23.5	5	3.7
SMN- 136B	8S	6E	39	75-05-27	7.2	23.5	0	52
SMN- 137	9S	6E	14	75-06-09	7.2	23.5	5	52
ST. MARY--Continued								
SM- 61	(OFFSHORE)			76-01-13	7.4	25.5	5	25
ST. TAMMANY--Continued								
ST- 644	7S	11E	46	75-02-05	8.6	--	--	--
ST- 707	8S	14E	19	76-01-22	8.9	33.0	5	.5
ST- 726	5S	10E	10	75-09-10	8.2	30.0	3	1.6
ST- 739	8S	14E	19	76-01-22	8.6	30.0	10	1.1
ST- 740	8S	14E	19	76-01-22	8.8	26.0	15	.9
TANGIPAHOA--Continued								
TA- 440	2S	8E	47	75-09-25	6.3	21.0	0	32
VERMILION--Continued								
VE- 663A	11S	3E	11	76-02-21	7.1	21.5	5	44
VE- 663B	11S	3E	11	76-02-17	7.4	24.5	5	22
VE- 664	11S	3E	11	76-02-21	7.4	--	5	21
WASHINGTON--Continued								
WA- 56	3S	13E	38	76-06-17	6.2	28.0	5	1.5
WA- 91	1S	9E	32	75-09-25	6.3	--	20	32
WA- 93	3S	13E	12	76-06-24	7.4	28.0	0	5.9
WA- 97	2S	14E	47	75-03-05	6.2	22.0	5	22
WA- 98	2S	14E	48	75-03-05	--	20.5	--	--
WA- 99	2S	14E	42	75-03-27	6.5	21.0	0	22
				75-03-05	--	20.5	--	--
				75-03-27	6.0	20.5	0	32
WA- 100	2S	14E	47	75-03-05	--	20.5	--	--
				75-03-27	6.3	21.0	0	7.2
WA- 101	2S	14E	42	75-03-27	6.3	21.0	0	17
WA- 106	2S	10E	55	75-11-05	8.7	30.5	20	.8
WA- 108	2S	10E	44	76-06-15	6.5	21.5	5	15
WA- 112A	1S	13E	36	76-02-27	7.8	28.0	10	3.6
WA- 112B	1S	13E	36	76-03-05	6.5	26.0	50	28
WA- 112C	1S	13E	36	76-03-15	6.3	25.5	5	30
WA- 112D	1S	13E	36	76-03-22	6.4	24.5	10	27
WEST BATON ROUGE--Continued								
WBR- 20	7S	12E	71	76-06-07	--	--	--	--
WBR- 35	7S	12E	68	76-06-09	--	--	--	--
WBR- 36	7S	12E	69	75-05-21	--	--	--	--
				75-11-21	--	--	--	--
				76-06-04	--	--	--	--
WBR- 37	7S	12E	69	75-11-21	--	--	--	--
WBR- 39	8S	12E	5	76-06-04	--	--	--	--
				75-05-16	--	--	--	--

LOCAL IDENTIFIER				DATE OF SAMPLE	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CaCO3 (MG/L)	TOTAL SULFIDE (S) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)
WEST BATON ROUGE--Continued													
WBR- 39	8S 12E	5	75-11-24	--	--	--	--	--	--	--	--	20	--
WBR- 59	7S 12E	70	76-08-03	18	3.3	300	0	246	--	--	.0	21	.2
WBR- 97B	7S 12E	70	75-11-12	--	--	--	--	--	--	--	--	65	--
			76-05-24	--	--	--	--	--	--	--	--	85	--
WBR- 100A	7S 12E	68	75-12-11	--	--	--	--	--	--	--	--	9.0	--
WBR- 100B	7S 12E	68	75-11-21	--	--	--	--	--	--	--	--	3.0	--
WBR- 101	7S 12E	91	75-11-20	--	--	--	--	--	--	--	--	4.0	--
WBR- 102A	7S 12E	7	75-11-20	--	--	--	--	--	--	--	--	4.9	--
WBR- 102B	7S 12E	7	75-11-20	--	--	--	--	--	--	--	--	3.0	--
WBR- 106	7S 12E	93	75-12-12	--	--	--	--	--	--	--	--	3.1	--
WBR- 110	7S 12E	66	76-06-09	--	--	--	--	--	--	--	--	3.2	--
WBR- 111	7S 12E	70	75-05-16	--	--	--	--	--	--	--	--	3.8	--
			75-11-20	--	--	--	--	--	--	--	--	3.0	--
			76-06-09	--	--	--	--	--	--	--	--	6.2	--
WBR- 112	7S 12E	70	75-05-16	--	--	--	--	--	--	--	--	60	--
			75-11-20	--	--	--	--	--	--	--	--	58	--
			76-06-09	--	--	--	--	--	--	--	--	46	--
WBR- 113	7S 12E	70	75-05-16	--	--	--	--	--	--	--	--	100	--
			75-11-20	--	--	--	--	--	--	--	--	110	--
			76-06-09	--	--	--	--	--	--	--	--	120	--
WBR- 114	8S 12E	5	75-12-10	--	--	--	--	--	--	--	--	20	--
			76-06-07	--	--	--	--	--	--	--	--	20	--
WBR- 129A	5S 11E	27	75-04-11	150	.6	321	35	322	.2	11	2.4	2.4	.9
WBR- 129B	5S 11E	27	75-04-17	65	.8	159	0	130	--	7.8	3.0	3.0	.3
WBR- 129C	5S 11E	27	75-04-18	19	3.0	86	0	71	--	7.0	5.0	5.0	.2
WBR- 130	5S 11E	54	75-06-30	--	--	--	--	--	--	--	--	2.9	--
WBR- 131	5S 11E	27	75-06-30	--	--	--	--	--	--	--	--	3.0	--
WBR- 132	7S 12E	73	76-08-27	--	--	--	--	--	--	--	--	2.1	--
WBR- 133A	5S 11E	27	75-08-04	74	.3	149	12	142	--	9.8	4.8	4.8	.2
WBR- 133B	5S 11E	27	75-08-12	61	1.0	156	0	128	--	8.2	2.9	2.9	.3
WBR- 134	7S 11E	7	75-09-29	120	.9	229	27	233	--	4.0	2.1	2.1	.5
WBR- 135A	7S 11E	7	75-10-10	94	1.1	184	21	186	--	12	3.2	3.2	.4
WBR- 135B	7S 11E	7	75-10-20	48	2.2	112	0	92	--	9.6	6.0	6.0	.2
WBR- 135C	7N 11E	7	75-10-23	64	.6	140	4	121	--	9.8	5.8	5.8	.0
WBR- 136	7S 12E	21	76-02-10	--	--	--	--	--	--	6.6	2.6	2.6	--
			76-06-23	62	.9	155	0	127	--	10	3.5	3.5	.5
WEST FELICIANA--Continued													
WF- 157	3S 2W	98	75-06-30	12	3.1	76	0	62	--	6.2	4.0	4.0	.0
WF- 240	3S 2W	99	75-02-06	13	2.3	68	0	56	--	4.8	10	10	.2
WF- 242A	1S 2W	61	75-03-05	130	1.1	258	7	223	--	.0	37	37	.8
WF- 242B	1S 2W	61	75-03-10	53	1.5	151	0	124	--	6.0	3.6	3.6	.2
WF- 242C	1S 2W	61	75-03-17	7.8	1.8	40	0	33	--	.0	4.2	4.2	1

LOCAL IDENT- IFIER	DATE OF SAMPLE	TOTAL NITRATE (NO3) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTITU- ENTS) (MG/L)	HARD- NESS (CA+MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	PERCENT SODIUM	SODIUM AD- SORP- TION RATIO	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)
WEST BATON ROUGE--Continued									
WBR- 39	8S 12E 5	75-11-24	--	--	--	2	--	--	355
WBR- 59	7S 12E 70	76-08-03	.69	296	307	240	0	14	519
WBR- 97B	7S 12E 70	75-11-12	--	--	--	6	--	--	535
		76-05-24	--	--	--	6	--	--	605
WBR- 100A	7S 12E 68	75-12-11	--	--	--	6	--	--	331
WBR- 100B	7S 12E 68	75-11-21	--	--	--	2	--	--	349
WBR- 101	7S 12E 91	75-11-20	--	--	--	2	--	--	326
WBR- 102A	7S 12E 7	75-11-20	--	--	--	6	--	--	285
WBR- 102B	7S 12E 7	75-11-20	--	--	--	0	--	--	367
WBR- 106	7S 12E 93	75-12-12	--	--	--	2	--	--	410
WBR- 110	7S 12E 66	76-06-09	--	--	--	2	--	--	281
WBR- 111	7S 12E 70	75-05-16	--	--	--	22	--	--	649
		75-11-20	--	--	--	12	--	--	628
		76-06-09	--	--	--	10	--	--	636
WBR- 112	7S 12E 70	75-05-16	--	--	--	14	--	--	559
		75-11-20	--	--	--	1	--	--	537
		76-06-09	--	--	--	3	--	--	509
WBR- 113	7S 12E 70	75-05-16	--	--	--	18	--	--	798
		75-11-20	--	--	--	12	--	--	792
		76-06-09	--	--	--	15	--	--	803
WBR- 114	8S 12E 5	75-12-10	--	--	--	1	--	--	356
		76-06-07	--	--	--	1	--	--	359
WBR- 129A	5S 11E 27	75-04-11	.24	394	381	0	0	100	636
WBR- 129B	5S 11E 27	75-04-17	.05	217	203	5	0	96	281
WBR- 129C	5S 11E 27	75-04-18	.15	163	142	44	0	46	177
WBR- 130	5S 11E 54	75-06-30	--	--	--	0	--	--	305
WBR- 131	5S 11E 27	75-06-30	--	--	--	0	--	--	310
WBR- 132	7S 12E 73	76-08-27	--	--	--	1	--	--	310
WBR- 133A	5S 11E 27	75-08-04	.07	218	199	1	0	99	317
WBR- 133B	5S 11E 27	75-08-12	.04	211	206	5	0	96	281
WBR- 134	7S 11E 7	75-09-29	.20	301	290	0	0	100	488
WBR- 135A	7S 11E 7	75-10-10	.00	250	247	3	0	98	399
WBR- 135B	7S 11E 7	75-10-20	.00	200	184	9	0	90	221
WBR- 135C	7N 11E 7	75-10-23	.07	210	208	4	0	97	274
WBR- 136	7S 12E 21	76-02-10	--	--	--	1	--	--	276
		76-06-23	.00	194	184	2	0	98	283
WEST FELICIANA--Continued									
WF- 157	3S 2W 98	75-06-30	.00	143	141	45	0	35	156
WF- 240	3S 2W 99	75-02-06	.31	130	122	50	0	35	162
WF- 242A	1S 2W 61	75-03-05	17	328	321	2	0	99	534
WF- 242B	1S 2W 61	75-03-10	.02	191	176	15	0	87	266
WF- 242C	1S 2W 61	75-03-17	.03	69	70	20	0	43	84

LOCAL IDENT- I- FIER				DATE OF SAMPLE	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CARBON DIOXIDE (CC2) (MG/L)
WEST BATON ROUGE--Continued								
WBR-	39	8S	12E	5	75-11-24	--	--	--
WBR-	59	7S	12E	70	76-08-03	7.1	19.5	5
WBR-	97B	7S	12E	70	75-11-12	--	--	--
					76-05-24	--	--	--
WBR-	100A	7S	12E	68	75-12-11	--	--	--
WBR-	100B	7S	12E	68	75-11-21	--	--	--
WBR-	101	7S	12E	91	75-11-20	--	--	--
WBR-	102A	7S	12E	7	75-11-20	--	--	--
WBR-	102B	7S	12E	7	75-11-20	--	--	--
WBR-	106	7S	12E	93	75-12-12	--	--	--
WBR-	110	7S	12E	66	76-06-09	--	--	--
WBR-	111	7S	12E	70	75-05-16	--	--	--
					75-11-20	--	--	--
					76-06-09	--	--	--
WBR-	112	7S	12E	70	75-05-16	--	--	--
					75-11-20	--	--	--
					76-06-09	--	--	--
WBR-	113	7S	12E	70	75-05-16	--	--	--
					75-11-20	--	--	--
					76-06-09	--	--	--
WBR-	114	8S	12E	5	75-12-10	--	--	--
					76-06-07	--	--	--
WBR-	129A	5S	11E	27	75-04-11	9.3	29.0	20
WBR-	129B	5S	11E	27	75-04-17	7.9	26.5	5
WBR-	129C	5S	11E	27	75-04-18	6.7	23.5	50
WBR-	130	5S	11E	54	75-06-30	9.2	25.0	--
WBR-	131	5S	11E	27	75-06-30	9.1	24.5	--
WBR-	132	7S	12E	73	76-08-27	--	31.5	--
WBR-	133A	5S	11E	27	75-08-04	9.3	27.0	0
WBR-	133B	5S	11E	27	75-08-12	7.8	26.5	0
WBR-	134	7S	11E	7	75-09-29	9.4	30.5	5
WBR-	135A	7S	11E	7	75-10-10	9.4	28.5	3
WBR-	135B	7S	11E	7	75-10-20	7.0	26.5	10
WBR-	135C	7N	11E	7	75-10-23	8.4	25.0	0
WBR-	136	7S	12E	21	76-02-10	9.4	--	--
					76-06-23	8.5	27.5	0
WEST FELICIANA--Continued								
WF-	157	3S	2W	98	75-06-30	7.1	--	30
WF-	240	3S	2W	99	75-02-06	6.8	--	5
WF-	242A	1S	2W	61	75-03-05	8.9	26.5	25
WF-	242B	1S	2W	61	75-03-10	8.0	25.0	0
WF-	242C	1S	2W	61	75-03-17	6.0	21.0	0

QUALITY OF GROUND WATER

TRACE METAL ANALYSES, JANUARY 1975 TO SEPTEMBER 1976

LOCAL IDENT- I- FIER	STATION	NUMBER	DATE OF SAMPLE	DIS- SOLVED ALUM- INUM (AL) (UG/L)	DIS- SOLVED ARSENIC (AS) (UG/L)	DIS- SOLVED BARIUM (BA) (UG/L)	DIS- SOLVED BORON (B) (UG/L)	DIS- SOLVED CAD- MIUM (CD) (UG/L)	HEXA- VALENT CHRO- MIUM (CR6) (UG/L)	DIS- SOLVED COPPER (CU) (UG/L)		
EAST BATON ROUGE												
EB- 96	7S	1W	48	302651091112402	75-01-29	30	0	--	110	1	0	0
EB- 499	6S	1W	43	302914091102301	75-01-23	10	0	--	9	2	0	1
EB- 578B	4S	1W	81	303904091093102	75-01-24	20	0	--	90	1	0	1
EB- 750	6S	1W	75	303141091114801	75-01-29	40	0	--	310	1	0	0
EB- 756	6S	1E	41	303019091073701	75-01-29	20	0	--	40	0	0	0
EB- 773	6S	1W	39	303132091103201	75-01-29	10	0	--	60	0	0	2
EB- 813	7S	1W	40	302749091111101	75-01-29	30	1	--	80	1	0	0
EB- 873	7S	1E	69	302721091054801	75-01-29	10	0	--	60	0	0	0
EB- 878	7S	1E	69	302721091054701	75-01-29	20	0	--	50	1	0	0
EB- 886	5S	1W	48	303404091124001	75-01-31	10	0	--	30	2	0	0
EB- 928	6S	1E	41	303018091075602	75-01-29	20	0	--	70	0	0	0
EB- 940	4S	2W	37	303908091164301	75-01-24	10	0	--	4	0	0	5
EAST FELICIANA												
EF- 241	2S	1E	27	305052091060001	75-02-06	6	0	--	8	0	0	12
EF- 243	3S	2E	41	304522091024701	75-02-06	6	0	--	20	1	1	0
ST. HELENA												
SH- 37	2S	6E	35	304931090342101	75-07-02	10	0	--	0	0	0	3
ST. JOHN THE BAPTIST												
SJB- 165	10S	8E	5	301247090245901	75-03-19	60	1	--	290	2	0	8
					75-06-30	--	--	20	--	--	--	--
WEST BATON ROUGE												
WBR- 59	7S	12E	70	302555091123401	76-08-03	10	26	200	90	1	0	0
LOCAL IDENT- I- FIER	STATION	NUMBER	DATE OF SAMPLE	DIS- SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS- SOLVED SELE- NIUM (SE) (UG/L)	DIS- SOLVED SILVER (AG) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)				
EAST BATON ROUGE--Continued												
EB- 96	7S	1W	48	75-01-29	3	.3	--	0	0			
EB- 499	6S	1W	43	75-01-23	0	.0	--	0	4			
EB- 578B	4S	1W	81	75-01-24	0	.0	--	0	10			
EB- 750	6S	1W	75	75-01-29	1	.2	--	0	0			
EB- 756	5S	1E	41	75-01-29	2	.3	--	0	0			
EB- 773	6S	1W	39	75-01-29	2	.1	--	0	0			
EB- 813	7S	1W	40	75-01-29	3	.2	--	0	6			
EB- 873	7S	1E	69	75-01-29	1	.0	--	0	0			
EB- 878	7S	1E	69	75-01-29	1	.4	--	0	6			
EB- 886	5S	1W	48	75-01-31	1	.0	--	0	20			
EB- 928	6S	1E	41	75-01-29	1	.0	--	0	120			
EB- 940	4S	2W	37	75-01-24	1	.1	--	0	4			
EAST FELICIANA--Continued												
EF- 241	2S	1E	27	75-02-06	0	.0	--	0	60			
EF- 243	3S	2E	41	75-02-06	4	.1	--	0	--			
ST. HELENA--Continued												
SH- 37	2S	6E	35	75-07-02	0	.1	--	0	10			
ST. JOHN THE BAPTIST--Continued												
SJB- 165	10S	8E	5	75-03-19	24	--	--	0	20			
				75-06-30	--	--	--	--	--			
WEST BATON ROUGE--Continued												
WBR- 59	7S	12E	70	76-08-03	12	.1	0	0	10			

	PAGE		PAGE
ABITA RIVER NORTH OF ABITA SPRINGS	411	BLOOD RIVER NEAR SPRINGFIELD	412
ACCURACY OF FIELD DATA	20	BOGALUSA, BOGUE LUSA AT STATE	
ACRE-FOOT, DEFINITION OF	4	HIGHWAY 439 AT	50,693
ACY, NEW RIVER AT	245	PEARL RIVER AT POOLS BLUFF NEAR	52
ALEXANDER CREEK NEAR ST. FRANCISVILLE	411	PEARL RIVER NEAR	32,693
AMELIA, BAYOU PENCHANT AT BAYOU CHENE NEAR	315	BOGUE CHITTO AT ENON	414
AMITE RIVER, AT GRANGEVILLE	413,415	AT WARNERTON	632
AT 4-H CAMP NEAR DENHAM SPRINGS	233	NEAR BUSH	61,693
AT MAGNOLIA	412	NEAR TYLERTOWN, MISS.	59
AT PORT VINCENT	640	BOGUE FALAYA AT COVINGTON	411
NEAR BATON ROUGE	416	BOGUE LUSA CREEK, AT RICHMOND ST. AT BOGALUSA	414
NEAR DARLINGTON	202,693	AT STATE HIGHWAY 21, AT BOGALUSA	411
NEAR DENHAM SPRINGS	231,694	AT STATE HIGHWAY 60, AT BOGALUSA	414
AQUIFER, DEFINITION OF	4	AT STATE HIGHWAY 439, AT BOGALUSA	50,693
ARTESIAN, DEFINITION OF	4	BOURG, BAYOU TERREBONNE NEAR	299
ATCHAFALAYA RIVER MAIN CHANNEL AT MYETTE POINT		BURRWOOD, SOUTHWEST PASS OF MISSISSIPPI	
NEAR CHARENTON	303	RIVER NEAR	186
ATCHAFALAYA BAY AT EUGENE ISLAND NEAR MORGAN CITY ...	319	BUSH, BOGUE CHITTO NEAR	61,693
ATCHAFALAYA BAY NEAR MORGAN CITY			
STATION LBBO	650	CALCASIEU PASS AT ST. JOHN ISLAND NEAR CAMERON	406
STATION LBB1	651	CALCASIEU RIVER AND PASS NEAR LAKE CHARLES	403
STATION LBBF	651	CALCASIEU RIVER AT LAKE CHARLES	386
STATION LBBH	652	AT MILE 40 AT LAKE CHARLES	399
STATION PB 1	653	CALUMET, WAX LAKE OUTLET AT	307
STATION PB 2	653	CAMERON, CALCASIEU PASS AT ST. JOHN ISLAND NEAR	406
STATION PB 3	647	CELLS/VOLUME, DEFINITION OF	5
STATION PB 3B	654	CFS-DAY, DEFINITION OF	5
STATION PB 4	654	CHAPPEPEELA CREEK, NEAR HUSSER	412
BACTERIA, DEFINITION OF	4	SOUTHEAST OF LORANGER	412
BAKER, BAKER CANAL AT	414	CHARENTON, ATCHAFALAYA RIVER MAIN CHANNEL AT	
BAKER CANAL NEAR	414	MYETTE POINT NEAR	303
SOUTH CANAL NEAR	105,693	BAYOU TECHE AT	337
WHITE BAYOU NEAR	222,694	CHARENTON DRAINAGE CANAL NEAR BALDWIN	338
BALDWIN, CHARENTON CANAL NEAR	338	CHEF MENTEUR PASS NEAR LAKE BORNE AT CHEF MENTEUR ...	282
BAPTIST, NATALBANY RIVER AT	200,693	CHEMICAL OXYGEN DEMAND, DEFINITION OF	5
BASILE, BAYOU NEZPIQUE AT MAMOU PUMPING PLANT NEAR ..	378	CHLOROPHYLL, DEFINITION OF	5
BATON ROUGE, WHITE BAYOU EAST DIVERSION CANAL NEAR ..	208,694	CLAY CUT BAYOU, AT SIEGEN LANE, NEAR BATON ROUGE	416
WHITE BAYOU NEAR	415	NEAR HOPE VILLA	416
BAYOU BARATARIA AT LAFITTE	284	COBURN CREEK, AT AUSTIN STREET, AT BOGALUSA	414
BAYOU BATON ROUGE ABOVE BAKER	411	AT MEMORIAL DRIVE, AT BOGALUSA	414
BAYOU CHENE NEAR WELSH	417	AT POPLAR STREET, AT BOGALUSA	414
BAYOU DUPLANIER AT LEE DRIVE, AT BATON ROUGE	417	AT STATE HIGHWAY 10, AT BOGALUSA	414
BAYOU FOUNTAIN, AT BEN HUR ROAD, AT BATON ROUGE	416	AT STATE HIGHWAY 21, AT BOGALUSA	411
AT GARDERE LANE, NEAR BATON ROUGE	416	AT VAN BUREN STREET, AT BOGALUSA	414
TRIBUTARY NEAR BATON ROUGE	416	COLLECTION AND COMPUTATION OF SURFACE-WATER DATA	16
BAYOU FRANCOIS, AT GONZALES	417	COLLECTION AND EXAMINATION OF WATER-QUALITY DATA	21
NEAR GONZALES	417	COLLECTION OF GROUND-WATER DATA	24
BAYOU GRAND CAILLON NEAR DULAC	301	COLOR UNIT, DEFINITION OF	6
BAYOU LACCASINE NEAR LAKE ARTHUR	384	COMITE, COMITE RIVER NEAR	229,694
BAYOU LAFOURCHE AT DONALDSONVILLE	285,694	COMITE RIVER, AT COMITE DRIVE, NEAR BATON ROUGE	415
AT GALLIANO	295	AT GREENWELL SPRINGS ROAD, NEAR BATON ROUGE	415
AT GOLDEN MEADOW	296	NEAR CLINTON	415
AT LAROSE	291	NEAR COMITE	229,694
AT LEBODAU	297	NEAR OLIVE BRANCH	206,694
AT THIBODAU	287	NEAR ZACHARY	415
AT VALENTINE	288	CONTENTS, DEFINITION OF	6
NEAR LAROSE	289	CONTROL, DEFINITION OF	6
BAYOU LALOUTRE AT ALLUVIAL CITY AT YCLOSKEY	283	CONTROL STRUCTURE, DEFINITION OF	6
BAYOU MANCHAC AT MOUTH, NEAR PORT VINCENT	244	COOPERATION, RECORD OF	2
BAYOU NEZPIQUE AT MAMOU PUMPING PLANT, NEAR BASILE ..	378	CORPORATION CANAL, AT CAMPUS DR., AT BATON ROUGE	417
BAYOU PENCHANT AT BAYOU CHENE NEAR AMELIA	315	AT CHIMES ST., AT BATON ROUGE	417
BAYOU PETIT CAILLON NEAR BOUDREAUX CANAL NEAR DULAC ..	302	AT EAST ROOSEVELT ST., AT BATON ROUGE	417
BAYOU PLAQUEMINE BRULE NEAR CROWLEY	377	AT OKLAHOMA ST., AT BATON ROUGE	417
BAYOU QUEUE DE TORTUE SOUTHWEST OF LYONS POINT	379	AT STANFORD AVE., AT BATON ROUGE	417
BAYOU SORREL MID LAKE NEAR MORGAN CITY	646	CREST-STAGE PARTIAL-RECORD STATIONS	411-412
BAYOU SORREL SHORE MAT NEAR MORGAN CITY	648	CROWLEY, BAYOU PLAQUEMINE BRULE NEAR	377
BAYOU TECHE AT CHARENTON	337	CUBIC FEET PER SECOND, DEFINITION OF	6
AT KEYSTONE LOCK, NEAR ST. MARTINVILLE	324	CUBIC FEET PER SQUARE MILE, DEFINITION OF	6
AT OLIVIER	333	CYPREMORT POINT, VERMILION BAY AT	360
BAYOU TERREBONNE AT HOUMA	298	CYPRESS BAYOU (HEAD OF BAKER CANAL), AT BAKER	415
NEAR BOURG	299	AT HOOPER ROAD, NEAR BATON ROUGE	415
BEAR HEAD CREEK NEAR STARKS	397,694	AT PLANK ROAD, NEAR BATON ROUGE	415
BEAVER BAYOU AT DENHAM ROAD, NEAR BATON ROUGE	415	DARLINGTON, AMITE RIVER NEAR	202,693
AT WAX ROAD, NEAR BATON ROUGE	412	DANSON CREEK, AT PERKINS ROAD, AT BATON ROUGE	417
NEAR FRED	4	AT STARING LANE, NEAR BATON ROUGE	417
BED MATERIAL, DEFINITION OF	4	DEFINITION OF TERMS	3
BELLE CHASE, MISSISSIPPI RIVER AT	148	DENHAM SPRINGS, AMITE RIVER AT 4-H CAMP NEAR	233
BIOCHEMICAL OXYGEN DEMAND, DEFINITION OF	5	AMITE RIVER NEAR	231,694
BIOMASS, DEFINITION OF	5	DISCHARGE, DEFINITION OF	6
BLACKWATER BAYOU NEAR BATON ROUGE	415	DISSOLVED, DEFINITION OF	6
NEAR FRED	415	DIVERSITY INDEX, DEFINITION OF	6
BLIND RIVER NEAR GRAMERCY	642	DONALDSONVILLE, BAYOU LAFOURCHE AT	285,694

	PAGE		PAGE
DOWNSTREAM ORDER AND STATION NUMBERS	14	CALCASIEU RIVER 300 YARDS WEST OF SHIP CHANNEL	
DRAINAGE AREA, DEFINITION OF	7	AT MILE 2.9	569
DRAINAGE BASIN, DEFINITION OF	7	300 YARDS WEST OF SHIP CHANNEL AT MILE -2.9	569
DREDGING OPERATIONS STUDY		CALCASIEU RIVER SHIP CHANNEL AT MILE -5.6	571
ATCHAFALAYA RIVER		300 YARDS WEST OF SHIP CHANNEL AT MILE -5.6	572
AT MILE 112.0 ABOVE MORGAN CITY	480	CALCASIEU RIVER SHIP CHANNEL AT MILE -12.0	574
AT MILE 116.5 BERWICK BAY AT MORGAN CITY	482	300 YARDS SOUTHWEST OF SHIP CHANNEL	
LOWER ATCHAFALAYA RIVER		AT MILE -12.0	577
AT MILE 117.7 AT MORGAN CITY	484	CALCASIEU RIVER SHIP CHANNEL AT MILE -21.5	579
AT MILE 118.3 AT MORGAN CITY	486	300 YARDS WEST OF SHIP CHANNEL AT MILE -21.5	581
AT MILE 121.0 NEAR MORGAN CITY	488	INTRACOSTAL WATERWAY MORGAN CITY TO PORT ALLEN	
AT MILE 135.5	490	AT MILE 60.0 NEAR PORT ALLEN	583
AT MILE 137.5	491	AT MILE 55.0 NEAR PORT ALLEN	584
AT MILE 142.0	492	AT MILE 50.0 NEAR PLAQUEMINE	585
AT MILE 148.1	493	AT MILE 45.0 NEAR CRESENT	587
AT MILE 151.7	495	AT MILE 40.0 AT BAYOU SORREL	588
AT MILE 155.4	497	AT BAYOU SORREL NEAR BAYOU SORREL	589
BAYOU BARATARIA AT MILE 35.0 AT BARATARIA	608	AT MILE 108.8 NEAR CALUMET	590
AT MILE 30.0 AT LAFITTE	609	AT MILE 107.7 NEAR CALUMET	591
BARATARIA BAY WATERWAY AT MILE 25.0 NEAR LAFITTE ..	610	AT MILE 107.5 NEAR CALUMET	593
AT MILE 20.0 NEAR LAFITTE	611	AT MILE 106.2 NEAR CALUMET	595
AT MILE 15.0 NEAR GRAND ISLE	612	AT MILE 105.9 NEAR CALUMET	596
AT MILE 10.4 NEAR GRAND ISLE	613	AT MILE 105.5 NEAR CALUMET	597
AT MILE 5.8 NEAR GRAND ISLE	614	AT MILE 105.1 NEAR CALUMET	598
BAYOU RIGAUD AT GRAND ISLE		AT MILE 104.5 NEAR CALUMET	599
2.25 MILES WEST OF BARATARIA CHANNEL	621	AT MILE 104.2 NEAR CALUMET	600
3.6 MILES WEST OF BARATARIA CHANNEL	615	AT MILE 103.4 NEAR CALUMET	601
GULF OF MEXICO 200 YARDS EAST OF BARATARIA BAY		BAYOU BOEUF AT MILE 95.3 AT MORGAN CITY	602
WATERWAY AT MILE 0.0 AT GRAND ISLE	616	AT MILE 94.4 NEAR MORGAN CITY	604
GULF OF MEXICO 200 YARDS WEST OF BARATARIA BAY		AT MILE 93.8-95.5 NEAR MORGAN CITY	606
WATERWAY AT MILE 0.0 AT GRAND ISLE	617	LAKE PONTCHARTRAIN	
GULF OF MEXICO 500 YARDS EAST OF BARATARIA BAY		0.7 MILE NORTHEAST OF LITTLE WOODS	622
WATERWAY CHANNEL AT MILE -1.0 NEAR GRAND ISLE ..	618	4.4 MILES NORTHEAST OF LITTLE WOODS	628
AT MILE -2.0 NEAR GRAND ISLE	620	CANE BAYOU NEAR LITTLE WOODS	626
BAYOU PETITE ANSE AT MILE 3.5 AT AVERY ISLAND	630	ROGERS LAGOON NEAR LITTLE WOODS	624
AT MILE 4.3 AT AVERY ISLAND	631	MISSISSIPPI RIVER AT NEW ORLEANS	
CALCASIEU RIVER NEAR MOSS BLUFF	499	AT MILE 99.2 NAPOLEON AVE. WHARF	448
CALCASIEU RIVER AT LAKE CHARLES	501	AT MILE 99.0 MILAM ST. WHARF	450
AT MILE 44.0	503	MISSISSIPPI RIVER AT HARVEY	452
AT MILE 36.0	505	AT MILE 98.7 HARVEY LOCK FOREBAY	454
CALCASIEU RIVER AND PASS NEAR LAKE CHARLES	507	MISSISSIPPI RIVER AT NEW ORLEANS	
CALCASIEU RIVER NEAR LAKE CHARLES		AT MILE 98.6 LOUISIANA AVE. WHARF	456
AT MILE 32.8	508	AT MILE 97.6 FIRST ST. WHARF	457
AT MILE 32.5	509	AT MILE 96.2 ORANGE ST. WHARF	458
AT MILE 32.2	511	AT MILE 96.0 ROBIN ST. WHARF	460
AT MILE 32.0	512	AT MILE 95.7 ERATA ST. WHARF	461
AT MILE 31.0	513	AT MILE 95.4 THALIA ST. WHARF	463
AT MILE 30.0	514	AT MILE 95.0 POYDRAS ST. WHARF	465
AT MILE 29.9	516	AT MILE 94.8 BIENVILLE ST. WHARF	467
AT MILE 26.9	517	AT MILE 92.7 INDUSTRIAL LOCK FOREBAY	469
AT MILE 25.8	518	AT MILE 88.0 ALGIERS LOCK FOREBAY	471
AT MILE 24.8	519	MISSISSIPPI RIVER AT MILE 86.0 AT CHALMETTE	418
AT MILE 24.6	521	MISSISSIPPI RIVER GULF OUTLET NEAR HOPEDALE	
CALCASIEU RIVER NEAR HACKBERRY		AT MILE 36.0	420
AT MILE 23.8	522	AT MILE 33.0	421
AT MILE 23.5	523	AT MILE 21.0	422
AT MILE 22.4	525	AT MILE 20.0	424
AT MILE 22.0	526	AT MILE 19.2	425
AT MILE 21.0	527	AT MILE 18.2	426
AT MILE 20.5	528	AT MILE 18.0	427
AT MILE 20.0	529	AT MILE 15.0	429
AT MILE 19.0	530	AT MILE 14.2	430
AT MILE 17.7	532	AT MILE 12.1	431
AT MILE 17.6	533	AT MILE 12.0	432
AT MILE 17.5	534	AT MILE 10.7	434
AT MILE 16.5	535	AT MILE 10.0	436
AT MILE 15.0	537	AT MILE 5.5	437
AT MILE 14.5	538	AT MILE 5.0	439
AT MILE 13.4	539	AT MILE 4.2	440
CALCASIEU LAKE 1.0 MILE EAST OF SHIP CHANNEL		AT MILE 3.0	441
AT MILE 13.0 NEAR HACKBERRY	541	AT MILE 2.7	442
CALCASIEU RIVER NEAR HACKBERRY		AT MILE 0.0	444
AT MILE 12.9	542	AT MILE -5.0	446
AT MILE 12.6	543	MISSISSIPPI RIVER SOUTHWEST PASS NEAR BURRWOOD	
AT MILE 12.1	545	AT MILE -9.38	472
AT MILE 11.5	546	AT MILE 19.6	474
AT MILE 11.3	547	AT MILE 13.5	475
AT MILE 10.0	548	MISSISSIPPI RIVER SOUTHWEST PASS NEAR PILOTOWN	
AT MILE 8.9	549	AT MILE 12.7	477
CALCASIEU RIVER NEAR CAMERON		AT MILE 4.0 BHP	478
AT MILE 6.7	550	MISSISSIPPI RIVER SOUTHWEST PASS NEAR BURRWOOD	
CALCASIEU LAKE 1.5 MILES EAST OF SHIP CHANNEL		AT MILE 10.3 BHP	479
AT MILE 6.7 NEAR CAMERON	552	AT MILE 15.0 BHP	301
CALCASIEU RIVER NEAR CAMERON		DULAC, BAYOU GRAND CAILLOU NEAR	302
AT MILE 3.5	554	BAYOU PETIT CAILLOU NEAR BOUDREAUX CANAL NEAR	
AT MILE 1.0	556	EAST COTE BLANCHE BAY NEAR MORGAN CITY	
CALCASIEU LAKE AT RABBIT ISLAND NEAR CAMERON	558	STATION ECB 3	649
GULF OF MEXICO		STATION ECB 4	649
300 YARDS EAST OF SHIP CHANNEL AT MILE -0.4	560	STATION ECB 5	650
CALCASIEU RIVER SHIP CHANNEL AT MILE -0.4	562	ELLIOT JONES CANAL AT GREENWOOD	323
300 YARDS WEST OF SHIP CHANNEL AT MILE -0.4	563	EXPLANATION OF GROUND-WATER LEVEL RECORDS	24
200 YARDS EAST OF SHIP CHANNEL AT MILE -2.9	565	EXPLANATION OF STAGE AND WATER-DISCHARGE RECORDS	16
CALCASIEU RIVER SHIP CHANNEL AT MILE -2.9	567	EXPLANATION OF WATER-QUALITY RECORDS	21
		FLOOD-PROFILE PARTIAL-RECORD STATIONS	414-417

	PAGE		PAGE
FOLSOM, TCHEFUNCTA RIVER NEAR	190,693	LAKE PONTCHARTRAIN AT HOWZE BEACH	665
FORKED ISLAND, FRESHWATER CANAL ABOVE FRESHWATER		1.0 MILE WEST OF SAW MILL PASS	668
BAYOU LOCK (NORTH), NEAR	372	LAKE ST. CATHERINE AT SAW MILL PASS	668
WHITE LAKE IN NORTHEAST CORNER, NEAR LITTLE PRAIRIE		MISSISSIPPI RIVER AT MILE 23	675
RIDGE, AND NEAR	373	AT MILE 20.5	681
FRENCH BRANCH NEAR SLIDELL	414	AT MILE 16	677
FRESHWATER CANAL ABOVE FRESHWATER BAYOU LOCK		AT MILE 12.2	684
(NORTH) NEAR FORKED ISLAND	372	MISSISSIPPI RIVER GULF OUTLET	
GAGE HEIGHT, DEFINITION OF	7	AT BAYOU DUPRE	658
GAGING STATION, DEFINITION OF	7	AT INTRACOASTAL WATERWAY	657
GALLIANO, BAYOU LAFOURCHE AT	295	6.0 MILES BELOW BAYOU DUPRE	662
GIBBSTOWN, INTRACOASTAL WATERWAY AT	385	11.0 MILES BELOW BAYOU DUPRE	659
GOLDEN MEADOW, BAYOU LAFOURCHE AT	296	PIPELINE CANAL 1.2 MILES SOUTH OF TRIUMPH	674
GRAND CHENIERE, GRAND LAKE NORTHEAST OF CATFISH POINT		1.8 MILES SOUTH OF TRIUMPH	680
CONTROL STRUCTURE NEAR	380	1.9 MILES SOUTH OF FORT JACKSON	675
GRAND LAKE, INTRACOASTAL WATERWAY AT CALCASIEU		RIGOLETS AT STUMP BAYOU	670
LOCK NEAR	405	0.3 MILE EAST OF U.S. HIGHWAY 90 BRIDGE	671
GRAND LAKE NORTHEAST OF CATFISH POINT CONTROL		STUMP LAGOON 0.2 MILE NORTH OF RIGOLETS	671
STRUCTURE NEAR GRAND CHENIERE	380	UNNAMED BAY 2.0 MILES SOUTHEAST OF BURAS	674
GRAND PASS AT VENICE	413	2.2 MILES SOUTHEAST OF BURAS	680
GREENWOOD, ELLIOT JONES CANAL AT	323	HYDROLOGIC BENCH-MARK STATION, DEFINITION OF	15
GROUND-WATER RECORDS (BY PARISHES)		HYDROLOGIC CONDITIONS, DEFINITION OF	2
ACADIA	700	HYDROLOGIC UNIT, DEFINITION OF	7
ASCENSION	703,790	INDEX	823
ASSUMPTION	703	INSECTICIDES, DEFINITION OF	9
CALCASIEU	704,790	INTRACOASTAL CITY, INTRACOASTAL WATERWAY AT VERMILION	
CAMERON	729,790	LOCK (EAST) NEAR	364
EAST BATON ROUGE	734,790,822	INTRACOASTAL WATERWAY AT VERMILION	
EAST FELICIANA	751,802,822	LOCK (WEST) NEAR	368
IBERIA	753,802	INTRACOASTAL WATERWAY AT CALCASIEU LOCK	405
IBERVILLE	754,802	AT GIBBSTOWN	385
JEFFERSON	754,802	AT NOPSI PLANT NEAR PARIS ROAD AT NEW ORLEANS	278
JEFFERSON DAVIS	755	AT VERMILION LOCK (EAST) NEAR INTRACOASTAL CITY	364
LAFAYETTE	757,802	AT VERMILION LOCK (WEST) NEAR INTRACOASTAL CITY	368
LIVINGSTON	758,806	NEAR GRAND LAKE	405
ORLEANS	759,806	INTRACOASTAL WATERWAY TRIBUTARY NEAR PORT ALLEN	412
POINTE COUPEE	761,806	INTRODUCTION	1
ST. CHARLES	763	JONES CREEK, AT AIRLINE HIGHWAY, AT BATON ROUGE	416
ST. HELENA	765,806,822	AT FLORIDA BOULEVARD, AT BATON ROUGE	416
ST. JAMES	765,806	AT OLD HAMMOND HIGHWAY, NEAR BATON ROUGE	416
ST. JOHN THE BAPTIST	766,810,822	NEAR WOODLAWN SCHOOL, NEAR BATON ROUGE	416
ST. MARTIN	767,810	LACOMBE, LAKE PONTCHARTRAIN AT MOUTH OF BAYOU LACOMBE	
ST. MARY	770,814	NEAR	263
ST. TAMMANY	770,814	LAFAYETTE, VERMILION RIVER AT	340
TANGIPAHOA	772,814	VERMILION RIVER AT STATE HIGHWAY 3073, NEAR	350
VERMILION	775,814	LAFITTE, BAYOU BARATARIA AT	284
WASHINGTON	780,814	LAKE ARTHUR, BAYOU LACASSINE NEAR	384
WEST BATON ROUGE	782,814,822	LAKE CHARLES, CALCASIEU RIVER AND PASS NEAR	403
WEST FELICIANA	784,818	CALCASIEU RIVER AT	386
		CALCASIEU RIVER AT MILE 40 AT	399
HARDNESS, DEFINITION OF	7	LAKE PONTCHARTRAIN, AT GNO EXPRESSWAY	
HAYS CREEK NEAR FRANKLINTON	411	BRIDGE NEAR NEW ORLEANS	269
HERBICIDES, DEFINITION OF	9	AT IHN CANAL AT NEW ORLEANS	274
HICKORY BRANCH NEAR ALBANY	412	AT LITTLE WOODS, AT NEW ORLEANS	273
HOLDEN, TICKFAW RIVER AT	196,694	AT MOUTH OF BAYOU LACOMBE NEAR LACOMBE	263
HOUMA, BAYOU TERREBONNE AT	298	AT MOUTH OF TANGIPAHOA RIVER NEAR LEE LANDING	255
HOUSTON RIVER NEAR BUHLER	655	AT MOUTH OF TCHEFUNCTA RIVER NEAR MADISONVILLE	259
HURRICANE CREEK, AT BATON ROUGE	415	AT NORTH SHORE NEAR SLIDELL	267
NEAR BATON ROUGE	415	AT PASS MANCHAC NEAR MANCHAC	251
HURRICANE PROTECTION LEVEE STUDY		LANIER CREEK NEAR LORANGER	412
BASTIAN BAY 1.6 MILES SOUTH, SOUTHWEST OF BURAS	673	LAROSE, BAYOU LAFOURCHE AT	291
1.8 MILES SOUTH, SOUTHWEST OF BURAS	678	BAYOU LAFOURCHE NEAR	289
BAYOU BIENVENUE		LAWRENCE CREEK NEAR FRANKLINTON	411
0.8 MILES EAST OF INTRACOASTAL WATERWAY	660	LEE LANDING, LAKE PONTCHARTRAIN AT MOUTH OF TANGIPHOA	
1.0 MILE WEST OF MISSISSIPPI RIVER GULF OUTLET	661	RIVER NEAR	255
3.6 MILES EAST OF INTRACOASTAL WATERWAY	661	LEEVILLE, BAYOU LAFOURCHE AT	297
BAYOU DUM BARR		LITTLE BAYOU SARA NEAR TURNBULL	411
2.0 MILES SOUTH, SOUTHEAST OF FORT JACKSON	679	LITTLE NATALBANY RIVER AT ALBANY	412
BAYOU DUPRE 0.6 MILE SOUTH OF		LITTLE SANDY CREEK (TRIBUTARY TO BEAVER CREEK)	
MISSISSIPPI RIVER GULF OUTLET	662	NEAR MILLODALE	415
BAYOU LAFOURCHE NEAR GALLIANO	686	LIVELY BAYOU, EAST OF BATON ROUGE	416
NEAR GOLDEN MEADOW	688	NORTHEAST OF BATON ROUGE	416
NEAR LAROSE	685	SOUTHEAST OF BATON ROUGE	416
BAYOU PETITE LIARD		LOUISA, VERMILION BAY AT CYPREMORE POINT NEAR	360
2.4 MILES SOUTH OF FORT JACKSON	679	LOWER ATCHAFALAYA RIVER AT MORGAN CITY	311
BRETON CANAL NEAR GALLIANO	687	LULING FERRY, MISSISSIPPI RIVER AT	118
CHEF MENTEUR 0.3 MILE NORTH OF MOUTH	663	LYONS POINT, BAYOU QUEUE DE TORTUE	379
CHEF MENTEUR PASS		MADISONVILLE, LAKE PONTCHARTRAIN AT MOUTH OF	
0.5 MILE ABOVE U.S. HIGHWAY 90	669	TCHEFUNCTA RIVER NEAR	259
0.7 MILE NORTH OF MOUTH	666	MANCHAC, LAKE PONTCHARTRAIN AT PASS MANCHAC NEAR	251
1.6 MILES NORTH OF MOUTH	669	PASS MANCHAC AT	250
HOSPITAL BAY 1.0 MILE SOUTHWEST OF DUVIC	677	MIDDLE OF LAKE MAUREPAS NEAR	246
1.7 MILES WEST OF DUVIC	682	MEAN CONCENTRATION	11
1.8 MILES WEST OF DUVIC	676	MEASUREMENTS AT MISCELLANEOUS SITES	413
1.3 MILES SOUTHWEST OF DUVIC	683	METHYLENE BLUE ACTIVE SUBSTANCE, DEFINITION OF	7
INTRACOASTAL WATERWAY		MICROGRAMS PER GRAM, DEFINITION OF	7
AT INNER HARBOR NAVIGATION CANAL	659	MICROGRAMS PER KILOGRAM, DEFINITION OF	7
0.3 MILE WEST OF CHEF MENTEUR	664	MICROGRAMS PER LITER, DEFINITION OF	8
0.5 MILE WEST OF CHEF MENTEUR	665	MIDDLE COLYELL CREEK NEAR WALKER	412
0.8 MILE EAST OF CHEF MENTEUR	667	MIDDLE OF LAKE MAUREPAS NEAR MANCHAC	246
1.5 MILES WEST OF CHEF MENTEUR	672	MISSISSIPPI RIVER, AT BATON ROUGE	413,635
5.0 MILES EAST OF INDUSTRIAL CANAL LOCK	656		
INTRACOASTAL WATERWAY SECTION			
1.0 MILE WEST OF CHEF MENTEUR	664		

FACTORS FOR CONVERTING ENGLISH UNITS TO INTERNATIONAL SYSTEM UNITS (SI)

The following factors may be used to convert the English units published herein to the International System of Units (SI). Subsequent reports will contain both the English and SI unit equivalents in the station manuscript descriptions until such time that all data will be published in SI units.

Multiply English units	By	To obtain SI units
<i>Length</i>		
inches (in)	2.54×10^1	millimeters (mm)
	2.54×10^{-2}	meters (m)
feet (ft)	3.048×10^{-1}	meters (m)
miles (mi)	1.609×10^0	kilometers (km)
<i>Area</i>		
acres	4.047×10^3	square meters (m ²)
	4.047×10^{-1}	*hectares (ha)
	4.047×10^{-1}	square hectometers (hm ²)
	4.047×10^{-3}	square kilometers (km ²)
square miles (mi ²)	2.590×10^0	square kilometers (km ²)
<i>Volume</i>		
gallons (gal)	3.785×10^0	**liters (l)
	3.785×10^0	cubic decimeters (dm ³)
	3.785×10^{-3}	cubic meters (m ³)
million gallons (10 ⁶ gal)	3.785×10^3	cubic meters (m ³)
	3.785×10^{-3}	cubic hectometers (hm ³)
cubic feet (ft ³)	2.832×10^1	cubic decimeters (dm ³)
	2.832×10^{-2}	cubic meters (m ³)
cfs-days [(ft ³ /s) · d]	2.447×10^3	cubic meters (m ³)
	2.447×10^{-3}	cubic hectometers (hm ³)
acre-feet (acre-ft)	1.233×10^3	cubic meters (m ³)
	1.233×10^{-3}	cubic hectometers (hm ³)
	1.233×10^{-6}	cubic kilometers (km ³)
<i>Flow</i>		
cubic feet per second (ft ³ /s)	2.832×10^1	liters per second (l/s)
	2.832×10^1	cubic decimeters per second (dm ³ /s)
	2.832×10^{-2}	cubic meters per second (m ³ /s)
gallons per minute (gal/min)	6.309×10^{-2}	liters per second (l/s)
	6.309×10^{-2}	cubic decimeters per second (dm ³ /s)
	6.309×10^{-5}	cubic meters per second (m ³ /s)
million gallons per day (mgal/d)	4.381×10^1	cubic decimeters per second (dm ³ /s)
	4.381×10^{-2}	cubic meters per second (m ³ /s)
<i>Mass</i>		
tons (short)	9.072×10^{-1}	tonnes (t)

*The unit hectare is approved for use with the International System (SI) for a limited time. See NBS Special Bulletin 330, p.15, 1972 edition.

**The unit liter is accepted for use with the International System (SI). See NBS Special Bulletin 330, p. 13, 1972 edition.

U.S. DEPARTMENT OF THE INTERIOR
Geological Survey
P.O. Box 66492
Baton Rouge, LA 70896

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF THE INTERIOR
INT 413

