

ERDC/EL SR-09-2

Environmental Laboratory



**US Army Corps
of Engineers®**
Engineer Research and
Development Center

A Reference Guide for Available Data in Eastern Louisiana and Mississippi Coastal Waters

A Data Report for Future Water Quality Modeling Projects

Tammy L. Threadgill

September 2009

A Reference Guide for Available Data in Eastern Louisiana and Mississippi Coastal Waters

A Data Report for Future Water Quality Modeling Projects

Tammy L. Threadgill

*Environmental Laboratory
U.S. Army Engineer Research and Development Center
3909 Halls Ferry Road
Vicksburg, MS 39180-6199*

Final report

Approved for public release; distribution is unlimited.

Prepared for U.S. Army Corps of Engineers
Washington, DC 20314-1000

Abstract: Water quality modeling efforts of the Mississippi Sound and Louisiana Coastline are limited due to the lack of readily available data with which to set model boundary conditions and to calibrate/validate. In an effort to facilitate future modeling efforts, this report presents information on where to obtain water quality data and what data are available, including the number of samples and the sampling time periods. Several different agencies were contacted during this study, including the United States Geological Survey (USGS), Louisiana Department of Natural Resources (LA DNR), Louisiana Department of Environmental Quality (LA DEQ), the United States Environmental Protection Agency (US EPA), and Battelle. The data that are presented in this report are not all-inclusive. The data retrieved can be found on the CD accompanying this report. The goal of this study was to find all available water quality data for use with the water quality models, such as CE-QUAL-ICM (ICM).

DISCLAIMER: The contents of this report are not to be used for advertising, publication, or promotional purposes. Citation of trade names does not constitute an official endorsement or approval of the use of such commercial products. All product names and trademarks cited are the property of their respective owners. The findings of this report are not to be construed as an official Department of the Army position unless so designated by other authorized documents.

DESTROY THIS REPORT WHEN NO LONGER NEEDED. DO NOT RETURN IT TO THE ORIGINATOR.

Contents

Figures and Tables	iv
Preface	xv
1 Introduction	1
Purpose.....	1
Types of data presented	1
Overview of report.....	1
2 United States Geological Survey (USGS)	2
Overview of data.....	2
Maps of data stations	2
USGS data	4
3 Louisiana Department of Natural Resources (LA DNR)	25
Overview of data.....	25
Map of data stations.....	25
LA DNR data	27
4 Environmental Protection Agency (EPA)	50
Overview of data.....	50
Map of data stations.....	50
EPA STORET data.....	51
5 Louisiana Department of Environmental Quality (LA DEQ)	94
Overview of data.....	94
Map of data stations.....	94
LA DEQ data.....	96
6 Other Resources	132
Brief overview of Battelle data.....	132
Brief overview of Mississippi data.....	132
7 Available Mississippi Data	133
Overview of data.....	133
Map of data stations.....	133
Data available.....	133
Reference	191
Report Documentation Page	

Figures and Tables

Figures

Figure 1: USGS Station Map	3
Figure 2: LA DNR monitoring stations	26
Figure 3: EPA nutrient stations.....	51
Figure 4: Map of LA DEQ stations.....	95
Figure 5: Map of Battelle data stations.....	133

Tables

Table 1: Available data at USGS 02492000	4
Table 2: Available data at USGS 02492600	6
Table 3: Available data at USGS 07373420.....	7
Table 4: Available data at USGS 07374525	10
Table 5: Available data at USGS 073745253.....	13
Table 6: Available data at USGS 073745257	13
Table 7: Available data at USGS 073745258	14
Table 8: Available data at USGS 07374526	14
Table 9: Available data at USGS 07374527	15
Table 10: Available data at USGS 07375050	16
Table 11: Available data at 07375175.....	18
Table 12: Available data at USGS 07375500	19
Table 13: Available data at USGS 07376000.....	21
Table 14: Available data at USGS 07376500.....	22
Table 15: Available data at USGS 07380215	23
Table 16: Available data at USGS 300607089492600	23
Table 17: Available data at USGS 3007220891501.....	24
Table 18: Available data at USGS 301058089313900	24
Table 19: Available data at LA DNR BS-03A-06R.....	27
Table 20: Available data at LA DNR BS-03A-41	27
Table 21: Available data at LA DNR BS-03A-42	28
Table 22: Available data at LA DNR BS-03A-43.....	28
Table 23: Available data at LA DNR BS-03A-44	28
Table 24: Available data at LA DNR BS-03A-45R.....	29
Table 25: Available data at LA DNR BS-03A-46R.....	29
Table 26: Available data at LA DNR BS-03A-51	29
Table 27: Available data at LA DNR BS-03A-52.....	30

Table 28: Available data at LA DNR BS-03A-53	30
Table 29: Available data at LA DNR BS-03A-54	30
Table 30: Available data at LA DNR BS-03A-55R.....	31
Table 31: Available data at LA DNR BS-03A-56R.....	31
Table 32: Available data at LA DNR BS-03A-61	31
Table 33: Available data at LA DNR BS-03A-62	32
Table 34: Available data at LA DNR BS-03A-63	32
Table 35: Available data at LA DNR BS-03A-64	32
Table 36: Available data at LA DNR BS-03A-65R.....	33
Table 37: Available data at LA DNR BS-03A-66R	33
Table 38: Available data at LA DNR BS-03A-74.....	33
Table 39: Available data at LA DNR BS-03A-75R.....	34
Table 40: Available data at LA DNR BS-03A-76R	34
Table 41: Available data at LA DNR BS-03A-86R.....	34
Table 42: Available data at LA DNR PO-06-01.....	35
Table 43: Available data at LA DNR PO-06-03	35
Table 44: Available data at LA DNR PO-06-06	35
Table 45: Available data at LA DNR PO-06-11	35
Table 46: Available data at LA DNR PO-06-60	36
Table 47: Available data at LA DNR PO-17-43	36
Table 48: Available data at LA DNR PO-17-44R	36
Table 49: Available data at LA DNR PO-24-01, PO-24-02, PO-24-03, PO-24-04, PO-24-05	37
Table 50: Available data at LA DNR PO-24-07	37
Table 51: Available data at LA DNR PO-24-09, PO-24-09	38
Table 52: Available data at LA DNR PO-24-13.....	38
Table 53: Available data at LA DNR CRMS0003-H01	38
Table 54: Available data at LA DNR CRMS0006-H01	39
Table 55: Available data at LA DNR CRMS0030-H01	39
Table 56: Available data at LA DNR CRMS0033-H01	39
Table 57: Available data at LA DNR CRMS0034-H01.....	40
Table 58: Available data at LA DNR CRMS0056-H01	40
Table 59: Available data at LA DNR CRMS0058-W01.....	40
Table 60: Available data at LA DNR CRMS0108-H01.....	41
Table 61: Available data at LA DNR CRMS0118-H01.....	41
Table 62: Available data at LA DNR CRMS0119-H01.....	41
Table 63: Available data at LA DNR CRMS0129-H01	42
Table 64: Available data at LA DNR CRMS0139-H01	42
Table 65: Available data at LA DNR CRMS0147-H01.....	42
Table 66: Available data at LA DNR CRMS0148-H01.....	43
Table 67: Available data at LA DNR CRMS0151-H01	43

Table 68: Available data at LA DNR CRMS0153-H01.....	43
Table 69: Available data at LA DNR CRMS0157-H01.....	44
Table 70: Available data at LA DNR CRMS0159-H01.....	44
Table 71: Available data at LA DNR CRMS0161-H01.....	44
Table 72: Available data at LA DNR CRMS0162-H01.....	45
Table 73: Available data at LA DNR CRMS2614-H01.....	45
Table 74: Available data at LA DNR CRMS2627-H01.....	45
Table 75: Available data at LA DNR CRMS2634-H01.....	46
Table 76: Available data at LA DNR CRMS2854-H01.....	46
Table 77: Available data at LA DNR CRMS3626-H01.....	46
Table 78: Available data at LA DNR CRMS3650-H01.....	47
Table 79: Available data at LA DNR CRMS3667-H01.....	47
Table 80: Available data at LA DNR CRMS4107-H01.....	47
Table 81: Available data at LA DNR CRMS4548.....	48
Table 82: Available data at LA DNR CRMS4572.....	48
Table 83: Available data at LA DNR CRMS4596.....	48
Table 84: Available data at LA DNR CRMS4626.....	49
Table 85: Available data at LA DNR CRMS5255.....	49
Table 86: Available data at LA DNR CRMS6209-H01.....	49
Table 87: Available Legacy data in Jefferson Parish.....	51
Table 88: Available Legacy data in Livingston Parish.....	52
Table 89: Available Legacy data in Orleans Parish.....	53
Table 90: Available Legacy data in Plaquemines Parish.....	54
Table 91: Available Legacy data in St. Bernard Parish.....	55
Table 92: Available Legacy data in St. Charles Parish.....	56
Table 93: Available Legacy data in St. John the Baptist Parish.....	57
Table 94: Available Legacy data in St. Tammany Parish.....	58
Table 95: Available Legacy data in Tangipahoa Parish.....	59
Table 96: Available Modernized data at Station 6.....	60
Table 97: Available Modernized data at Station 7.....	60
Table 98: Available Modernized data at Station 32.....	60
Table 99: Available Modernized data at Station 33.....	61
Table 100: Available Modernized data at Station 35.....	61
Table 101: Available Modernized data at Station 36.....	61
Table 102: Available Modernized data at Station 43.....	62
Table 103: Available Modernized data at Station 64.....	62
Table 104: Available Modernized data at Station 105.....	63
Table 105: Available Modernized data at Station 106.....	63
Table 106: Available Modernized data at Station 107.....	64
Table 107: Available Modernized data at Station 116.....	64

Table 108: Available Modernized data at Station 138.....	65
Table 109: Available Modernized data at Station 150.....	65
Table 110: Available Modernized data at Station 228.....	65
Table 111: Available Modernized data at Station 236.....	66
Table 112: Available Modernized data at Station 239.....	66
Table 113: Available Modernized data at Station 243.....	66
Table 114: Available Modernized data at Station 268.....	66
Table 115: Available Modernized data at Station 296.....	67
Table 116: Available Modernized data at Station 298.....	67
Table 117: Available Modernized data at Station 299.....	67
Table 118: Available Modernized data at Station 300.....	68
Table 119: Available Modernized data at Station 301.....	68
Table 120: Available Modernized data at Station 302.....	68
Table 121: Available Modernized data at Station 304.....	68
Table 122: Available Modernized data at Station 305.....	69
Table 123: Available Modernized data at Station 306.....	69
Table 124: Available Modernized data at Station 307.....	69
Table 125: Available Modernized data at Station 320.....	70
Table 126: Available Modernized data at Station 411.....	70
Table 127: Available Modernized data at Station 638.....	70
Table 128: Available Modernized data at Station 897.....	71
Table 129: Available Modernized data at Station 899.....	71
Table 130: Available Modernized data at Station 902.....	72
Table 131: Available Modernized data at Station 903.....	72
Table 132: Available Modernized data at Station 904.....	73
Table 133: Available Modernized data at Station 905.....	73
Table 134: Available Modernized data at Station 907.....	74
Table 135: Available Modernized data at Station 908.....	74
Table 136: Available Modernized data at Station 909.....	74
Table 137: Available Modernized data at Station 910.....	74
Table 138: Available Modernized data at Station 1037.....	75
Table 139: Available Modernized data at Station 1038.....	75
Table 140: Available Modernized data at Station 1039.....	75
Table 141: Available Modernized data at Station 1040.....	75
Table 142: Available Modernized data at Station 1041.....	76
Table 143: Available Modernized data at Station 1042.....	76
Table 144: Available Modernized data at Station 1043.....	76
Table 145: Available Modernized data at Station 1044.....	76
Table 146: Available Modernized data at Station 1045.....	77
Table 147: Available Modernized data at Station 1046.....	77

Table 148: Available Modernized data at Station 1047	77
Table 149: Available Modernized data at Station 1048.....	77
Table 150: Available Modernized data at Station 1049.....	78
Table 151: Available Modernized data at Station 1050.....	78
Table 152: Available Modernized data at Station 1051.....	78
Table 153: Available Modernized data at Station 1052.....	78
Table 154: Available Modernized data at Station 1054.....	79
Table 155: Available Modernized data at Station 1055.....	79
Table 156: Available Modernized data at Station 1061.....	79
Table 157: Available Modernized data at Station 1062.....	79
Table 158: Available Modernized data at Station 1063.....	80
Table 159: Available Modernized data at Station 1064.....	80
Table 160: Available Modernized data at Station 1065.....	80
Table 161: Available Modernized data at Station 1066.....	80
Table 162: Available Modernized data at Station 1067.....	81
Table 163: Available Modernized data at Station 1068.....	81
Table 164: Available Modernized data at Station 1069.....	81
Table 165: Available Modernized data at Station 1070.....	81
Table 166: Available Modernized data at Station 1071.....	82
Table 167: Available Modernized data at Station 1072.....	82
Table 168: Available Modernized data at Station 1073.....	82
Table 169: Available Modernized data at Station 1074.....	82
Table 170: Available Modernized data at Station 1075.....	83
Table 171: Available Modernized data at Station 1076.....	83
Table 172: Available Modernized data at Station 1077.....	83
Table 173: Available Modernized data at Station 1078.....	83
Table 174: Available Modernized data at Station 1079.....	84
Table 175: Available Modernized data at Station 1080.....	84
Table 176: Available Modernized data at Station 1081.....	84
Table 177: Available Modernized data at Station 1082.....	84
Table 178: Available Modernized data at Station 1083.....	85
Table 179: Available Modernized data at Station 1084.....	85
Table 180: Available Modernized data at Station 1086.....	85
Table 181: Available Modernized data at Station 1087.....	85
Table 182: Available Modernized data at Station 1088.....	86
Table 183: Available Modernized data at Station 1089.....	86
Table 184: Available Modernized data at Station 1090.....	86
Table 185: Available Modernized data at Station 1091.....	86
Table 186: Available Modernized data at Station 1092.....	87
Table 187: Available Modernized data at Station 1093.....	87

Table 188: Available Modernized data at Station 1094.....	87
Table 189: Available Modernized data at Station 1095.....	87
Table 190: Available Modernized data at Station 1096.....	88
Table 191: Available Modernized data at Station 1097.....	88
Table 192: Available Modernized data at Station 1101.....	88
Table 193: Available Modernized data at Station 1102.....	88
Table 194: Available Modernized data at Station 1104.....	89
Table 195: Available Modernized data at Station 1105.....	89
Table 196: Available Modernized data at Station 1106.....	89
Table 197: Available Modernized data at Station 1110.....	89
Table 198: Available Modernized data at Station 1111.....	90
Table 199: Available Modernized data at Station 1112.....	90
Table 200: Available Modernized data at Station 1118.....	90
Table 201: Available Modernized data at Station 1121.....	90
Table 202: Available Modernized data at Station 11374.....	91
Table 203: Available Modernized data at Station 11375.....	91
Table 204: Available Modernized data at Station 11376.....	91
Table 205: Available Modernized data at Station 11377.....	91
Table 206: Available Modernized data at Station 11378.....	92
Table 207: Available Modernized data at Station OWW04440-0361.....	92
Table 208: Available Modernized data at Station OWW04440-0489.....	92
Table 209: Available Modernized data at Station OWW04440-1001.....	93
Table 210: Available data at LA DEQ Site 0006.....	96
Table 211: Available data at LA DEQ Site 1095.....	96
Table 212: Available data at LA DEQ Site 0035.....	97
Table 213: Available data at LA DEQ Site 0036.....	98
Table 214: Available data at LA DEQ Site 0043.....	98
Table 215: Available data at LA DEQ Site 0109.....	99
Table 216: Available data at LA DEQ Site 0116.....	99
Table 217: Available data at LA DEQ Site 0118.....	100
Table 218: Available data at LA DEQ Site 0137.....	100
Table 219: Available data at LA DEQ Site 0138.....	101
Table 220: Available data at LA DEQ Site 0139.....	101
Table 221: Available data at LA DEQ Site 0155.....	102
Table 222: Available data at LA DEQ Site 0216.....	102
Table 223: Available data at LA DEQ Site 0217.....	103
Table 224: Available data at LA DEQ Site 0228.....	103
Table 225: Available data at LA DEQ Site 0268.....	104
Table 226: Available data at LA DEQ Site 0300.....	104
Table 227: Available data at LA DEQ Site 0301.....	105

Table 228: Available data at LA DEQ Site 0302.....	105
Table 229: Available data at LA DEQ Site 0303.....	106
Table 230: Available data at LA DEQ Site 0305.....	106
Table 231: Available data at LA DEQ Site 0306.....	107
Table 232: Available data at LA DEQ Site 0307.....	107
Table 233: Available data at LA DEQ Site 0638.....	108
Table 234: Available data at LA DEQ Site 0745.....	108
Table 235: Available data at LA DEQ Site 1043.....	109
Table 236: Available data at LA DEQ Site 1044.....	109
Table 237: Available data at LA DEQ Site 1045.....	110
Table 238: Available data at LA DEQ Site 1046.....	110
Table 239: Available data at LA DEQ Site 1047.....	111
Table 240: Available data at LA DEQ Site 1052.....	111
Table 241: Available data at LA DEQ Site 1062 and Site 1063.....	112
Table 242: Available data at LA DEQ Site 1064.....	113
Table 243: Available data at LA DEQ Site 1068.....	113
Table 244: Available data at LA DEQ Site 1069.....	114
Table 245: Available data at LA DEQ Site 1072.....	114
Table 246: Available data at LA DEQ Site 1073.....	115
Table 247: Available data at LA DEQ Site 1074.....	115
Table 248: Available data at LA DEQ Site 1075.....	116
Table 249: Available data at LA DEQ Site 1078.....	116
Table 250: Available data at LA DEQ Site 1082.....	117
Table 251: Available data at LA DEQ Site 1083.....	117
Table 252: Available data at LA DEQ Site 1084.....	118
Table 253: Available data at LA DEQ Site 1085.....	118
Table 254: Available data at LA DEQ Site 1086.....	119
Table 255: Available data at LA DEQ Site 1087.....	119
Table 256: Available data at LA DEQ Site 1088.....	120
Table 257: Available data at LA DEQ Site 1089.....	120
Table 258: Available data at LA DEQ Site 1090.....	121
Table 259: Available data at LA DEQ Site 1091.....	122
Table 260: Available data at LA DEQ Site 1102.....	122
Table 261: Available data at LA DEQ Site 1104.....	123
Table 262: Available data at LA DEQ Site 1105.....	123
Table 263: Available data at LA DEQ Site 1106.....	124
Table 264: Available data at LA DEQ Site 0012.....	124
Table 265: Available data at LA DEQ Site 0032.....	125
Table 266: Available data at LA DEQ Site 0062.....	125
Table 267: Available data at LA DEQ Site 0064.....	126

Table 268: Available data at LA DEQ Site 0105.....	126
Table 269: Available data at LA DEQ Site 1042.....	127
Table 270: Available data at LA DEQ Site 1053.....	127
Table 271: Available data at LA DEQ Site 1054.....	128
Table 272: Available data at LA DEQ Site 1061.....	128
Table 273: Available data at LA DEQ Site 1092.....	129
Table 274: Available data at LA DEQ Site 2150.....	129
Table 275: Available data at LA DEQ Site 3589.....	130
Table 276: Available data at LA DEQ Site 3594.....	131
Table 277: Available data at Station 115HRN01.....	134
Table 278: Available data at Station 271070.....	134
Table 279: Available data at Station 2492668.....	135
Table 280: Available data at Station 271130.....	135
Table 281: Available data at Station 271105.....	135
Table 282: Available data at Station 271080.....	136
Table 283: Available data at Station IWW.....	136
Table 284: Available data at Station 115CAD01.....	136
Table 285: Available data at Station 780530.....	137
Table 286: Available data at Station PAS-WQ-54.....	137
Table 287: Available data at Station 640MSD01.....	137
Table 288: Available data at Station 2481671.....	138
Table 289: Available data at Station PAS-WQ-50.....	138
Table 290: Available data at Station 115EDB01.....	139
Table 291: Available data at Station 115WTS01.....	139
Table 292: Available data at Station 2481667.....	139
Table 293: Available data at Station JOURDAN 011.....	140
Table 294: Available data at Station 114CUT01.....	140
Table 295: Available data at Station PAS-WQ-49.....	141
Table 296: Available data at Station 115JOE01.....	141
Table 297: Available data at Station 780870.....	142
Table 298: Available data at Station 639SLB01.....	142
Table 299: Available data at Station PAS-WQ-51.....	143
Table 300: Available data at Station 780830.....	143
Table 301: Available data at Station 780620.....	143
Table 302: Available data at Station ST-LO.BY 000.....	144
Table 303: Available data at Station PAS-WQ-53.....	144
Table 304: Available data at Station 780600.....	145
Table 305: Available data at Station 780550.....	145
Table 306: Available data at Station 780630.....	145
Table 307: Available data at Station PAS-WQ-52.....	146

Table 308: Available data at Station 780700	146
Table 309: Available data at Station 639SLB02	147
Table 310: Available data at Station 118MBU01.....	147
Table 311: Available data at Station 640MSDB04.....	148
Table 312: Available data at Station 780700	148
Table 313: Available data for USGS 301429089145600	148
Table 314: Available data at Station 780650	149
Table 315: Available data at Station 780720	149
Table 316: Available data at Station 780675	149
Table 317: Available data at Station 780655.....	149
Table 318: Available data at Station GCRL05	150
Table 319: Available data at Station GCRL07	150
Table 320: Available data at Station GCRL7A	151
Table 321: Available data at Station 780180	151
Table 322: Available data at Station GCRL08.....	152
Table 323: Available data at Station GCRL09	152
Table 324: Available data at Station 118GPH01	153
Table 325: Available data at Station GCRL10	153
Table 326: Available data at Station PAS-WQ-26.....	154
Table 327: Available data at Station PAS-WQ-25	154
Table 328: Available data at Station PAS-WQ-24	155
Table 329: Available data at Station PAS-WQ-29	155
Table 330: Available data at Station 118INS01.....	156
Table 331: Available data at Station PAS-WQ-28.....	156
Table 332: Available data at Station PAS-WQ-27	157
Table 333: Available data at Station PAS-WQ-30.....	157
Table 334: Available data at Station 780170	158
Table 335: Available data at Station GCRL11	158
Table 336: Available data at Station PAS-WQ-31.....	158
Table 337: Available data at Station PAS-WQ-30	159
Table 338: Available data at Station GCRL12	159
Table 339: Available data at Station 780325.....	160
Table 340: Available data at Station 780250.....	160
Table 341: Available data at Station 780160	160
Table 342: Available data at Station 780140	161
Table 343: Available data at Station 780135	161
Table 344: Available data at Station 780280.....	161
Table 345: Available data at Station 780130	162
Table 346: Available data at Station PAS-WQ-34.....	162
Table 347: Available data at Station PAS-WQ-35	162

Table 348: Available data at Station GCRL13	163
Table 349: Available data at Station GCRL13A.....	163
Table 350: Available data at Station 640MSD02.....	164
Table 351: Available data at Station 646BBB17	164
Table 352: Available data at Station 646BBB04.....	165
Table 353: Available data at Station PAS-WQ-37	165
Table 354: Available data at Station PAS-WQ-38.....	166
Table 355: Available data at Station PAS-WQ-36.....	166
Table 356: Available data at Station PAS-WQ-41.....	167
Table 357: Available data at Station GUI5_WI_012.....	167
Table 358: Available data at Station GUI5_WI_014	167
Table 359: Available data at Station 273309	168
Table 360: Available data at Station 273308	168
Table 361: Available data at Station 273307	168
Table 362: Available data at Station 273310	169
Table 363: Available data at Station 273311	169
Table 364: Available data at Station 273306.....	169
Table 365: Available data at Station 273305.....	169
Table 366: Available data at Station PAS-WQ-15.....	170
Table 367: Available data at Station PAS-WQ-14	170
Table 368: Available data at Station PAS-WQ-12.....	171
Table 369: Available data at Station PAS-WQ-13.....	171
Table 370: Available data at Station 273304	172
Table 371: Available data at Station 273303.....	172
Table 372: Available data at Station 273312	172
Table 373: Available data at Station 273501	172
Table 374: Available data at Station 273570.....	173
Table 375: Available data at Station WPR 7.2	173
Table 376: Available data at Station W-PASCAG 000	174
Table 377: Available data at Station PAS-WQ-16.....	174
Table 378: Available data at Station 273302	175
Table 379: Available data at Station 273301	175
Table 380: Available data at Station 273313	175
Table 381: Available data at Station PAS-WQ-11.....	176
Table 382: Available data at Station PAS-WQ-10.....	176
Table 383: Available data at Station PAS-WQ-09.....	177
Table 384: Available data at Station PAS-WQ-08.....	177
Table 385: Available data at Station PAS-WQ-07	177
Table 386: Available data at Station PAS-WQ-05.....	178
Table 387: Available data at Station PAS-WQ-04	178

Table 388: Available data at Station PAS-WQ-03	179
Table 389: Available data at Station PAS-WQ-02	179
Table 390: Available data at Station PAS-WQ-17	180
Table 391: Available data at Station PAS-WQ-18	180
Table 392: Available data at Station PAS-WQ-22	181
Table 393: Available data at Station 273500	181
Table 394: Available data at Station 273322	181
Table 395: Available data at Station 273316	182
Table 396: Available data at Station 273315	182
Table 397: Available data at Station 273420.....	182
Table 398: Available data at Station 273320	183
Table 399: Available data at Station 273321	183
Table 400: Available data at Station PAS-WQ-19	183
Table 401: Available data at Station PAS-WQ-20	184
Table 402: Available data at Station PAS-WQ-21.....	184
Table 403: Available data at Station PAS-WQ-56.....	185
Table 404: Available data at Station PAS-WQ-55.....	185
Table 405: Available data at Station PAS-WQ-57	186
Table 406: Available data at Station 273318	186
Table 407: Available data at Station 273317	186
Table 408: Available data at Station 273319	187
Table 409: Available data at Station GND_gndblnut.....	187
Table 410: Available data at Station GND_gndbnnut.....	187
Table 411: Available data at Station GND_gndpcnut	188
Table 412: Available data at Station GND_gndcrnut.....	188
Table 413: Available data at Station GND_gndbcnut	188
Table 414: Available data at Station GND_gndbhnut	189
Table 415: Available data at Station PAS-WQ-01	189
Table 416: Available data at Station PAS-WQ-06	189
Table 417: Available data at Station 273440.....	190
Table 418: Available data at Station 2480264.....	190
Table 419: Available data at Station 2480260.....	190

Preface

This special report was written to assist the work of investigators modeling the Mississippi Sound and Coastal Louisiana. It provides several types of information:

1. Hydraulic and water quality data from the U.S. Geological Survey.
2. Water quality data from the Louisiana Department of Natural Resources.
3. Water quality data from the Louisiana Department of Environmental Quality.
4. Water quality data from the EPA—STORET database.
5. Water quality data from Battelle Gulf Nutrients Data Platform.

Tammy Threadgill conducted this study, in consultation with Drs. Mark Dortch and Carl Cerco, all of the Water Quality and Contaminant Modeling Branch (WQCMB), Environmental Processes and Engineering Division (EPED), of the Environmental Laboratory (EL), U.S. Army Engineer Research and Development Center (ERDC), Vicksburg, MS. Mrs. Threadgill prepared this report. Dr. Dortch served as the study point of contact. This study was funded by the Louisiana Coastal Area Science and Technology Office (LCA S&T), which is a collaborative effort between the U.S. Army Corps of Engineers and the State of Louisiana. The Director of the LCA S&T Office is Dr. Barbara Kleiss and the Deputy Director is Dr. James Pahl. This work was conducted under the general supervision of Dr. Mansour Zakikhani, Acting Chief, WQCMB; and Dr. Richard E. Price, Chief, EPED. Technical suggestions by Dr. Carl Cerco of WQCMB during the course of the study are acknowledged and appreciated. Dr. Beth Fleming was Director of EL.

COL Gary E. Johnston was Commander and Executive Director of ERDC. Dr. James R. Houston was Director.

1 Introduction

Purpose

The goal of this study was to summarize available data for modeling efforts of the Mississippi (MS) Sound and coastal Louisiana (LA). The summary is not meant to be all-inclusive, rather the aim is to isolate those variables that would be needed for application of water quality models, such as the CE-QUAL-ICM model. Since a recent technical report by Dortch et al. (2007) provided the needed MS data, that data will not be presented in detail. The Louisiana coastal data summarized in this report focuses only on data east of the Mississippi River and near the coastline.

Types of data presented

The data presented in this report are a culmination of several resources—the U.S. Geological Survey (USGS), the Louisiana Department of Natural Resources (LA DNR), the Louisiana Department of Environmental Quality (LA DEQ), the U.S. Environmental Protection Agency (EPA), and Battelle. The information includes, but is not limited to: flow, stage, temperature and salinity, ammonia and/or ammonium, phytoplankton, carbon, nitrogen, phosphorus, dissolved oxygen, and solids.

Overview of report

This report has six chapters in which data are presented. The chapters titled United States Geological Survey, Louisiana Department of Natural Resources, United States Environmental Protection Agency, and Louisiana Department of Environmental Quality have a similar format and focus mainly on the eastern Louisiana coastal waters. First, a brief overview of the data is presented. A map of the agencies' stations is next, followed by a section of tables that details the available data. Following these four chapters is a chapter detailing other valuable resources, such as the Battelle Gulf Nutrients Data Management Platform (GNDMP) and the data obtained from previous reports. The last chapter focuses on Mississippi Sound data that are available in the Battelle database.

2 United States Geological Survey (USGS)

Overview of data

Tables 1-18 show the data that were obtained from the United States Geological Survey at <http://waterdata.usgs.gov/nwis>. Details included are: station, station name, location (lat/lon), description of site, gage datum, and water variables available. Daily data and field/lab water quality samples collected were obtained from the USGS website. The data that were retrieved from USGS can be found on the accompanying data CD in the 'USGS' folder. The daily data are represented as daily_*.txt, where (*) represents the site number. Similarly, the water quality data obtained is denoted as wq_*.txt.

The sites that will be presented in this chapter are:

1. USGS 2492000—Bogue Chitto River near Bush, LA
2. USGS 02492600—Pearl River at Pearl River, LA
3. USGS 07373420—Mississippi River near St. Francisville, LA
4. USGS 07374525—Mississippi River at Belle Chasse, LA
5. USGS 073745253—Reggio Canal near Wills Point, LA
6. USGS 073745257—Crooked Bay NW of L. Cuatro Caballo near Delacroix
7. USGS 073745258—Cow Bay at American Bay near Point a la Hache, LA
8. USGS 07374526—Black Bay near Snake Island near Point a la Hache, LA
9. USGS 07374527—Northeast Bay Gardene near Point a la Hache, LA
10. USGS 07375050—Tchefuncte River near Covington, LA
11. USGS 07375175—Bogue Falaya River at Boston St. at Covington, LA
12. USGS 07375500—Tangipahoa River at Robert, LA
13. USGS 07376000—Tickfaw River at Holden, LA
14. USGS 07376500—Natalbany River at Baptist, LA
15. USGS 07380215—Amite River at Hwy 22 near Maurepas, LA
16. USGS 300607089492600—Lake Pontchartrain at Chef Menteur (SITE 18D2)
17. USGS 3007220891501—Mississippi Sound at Grand Pass
18. USGS 301058089313900—USCG Pearl River Entrance Channel Light 7A

Maps of data stations

Figure 1 is a map of the USGS stations in Louisiana.

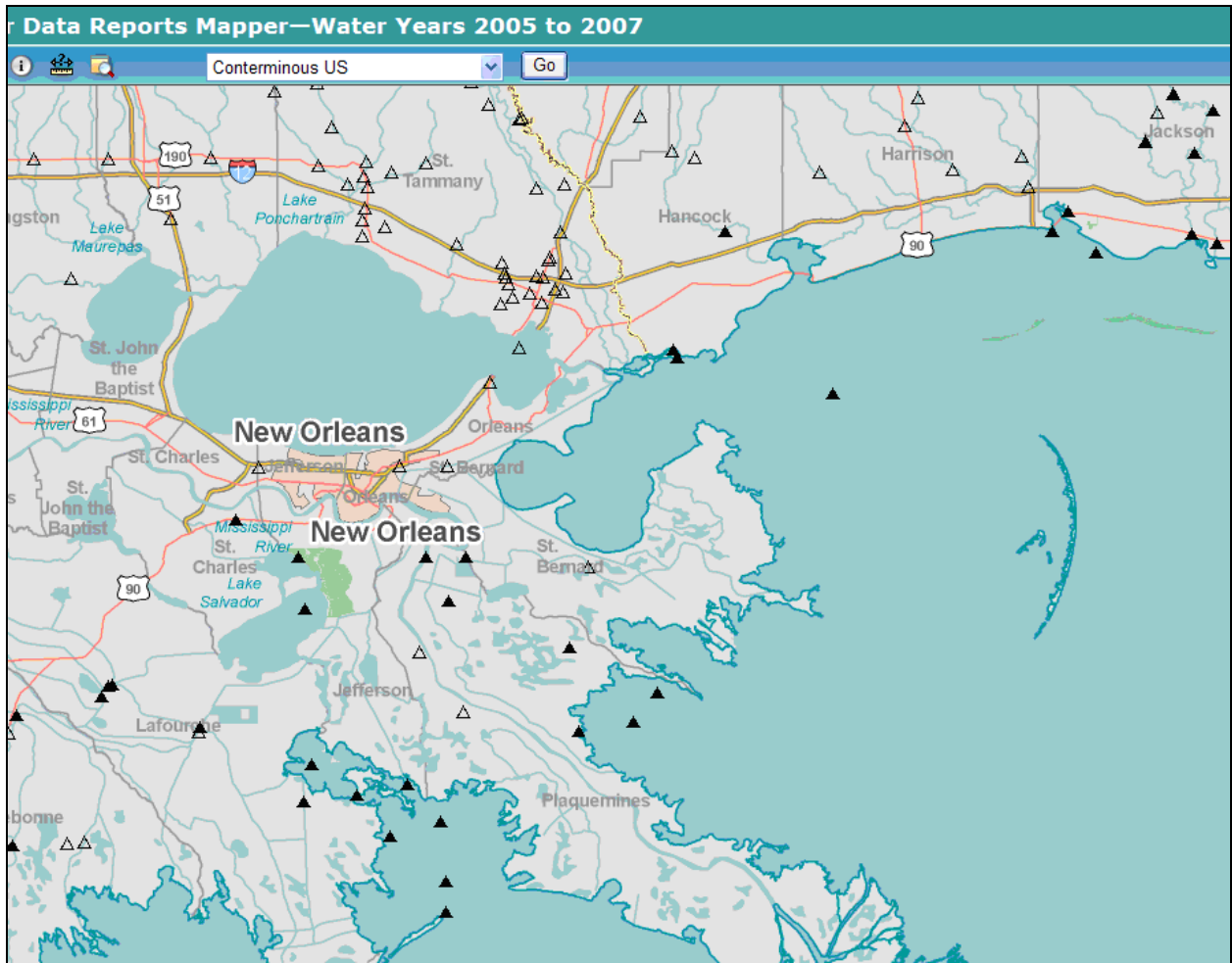


Figure 1: USGS Station Map (<http://wdr.water.usgs.gov/adrgmap/index.html>)

USGS data

USGS 02492000 Bogue Chitto River near Bush, LA

Stream/River Site

LOCATION: Latitude 30°37'45", Longitude 89°53'50" NAD27

St. Tammany Parish, Louisiana, Hydrologic Unit 03180005

DESCRIPTION

Drainage area: 1,213.00 square miles

Datum of gage: 44.25 feet above sea level NGVD29.

Table 1: Available data at USGS 02492000

Variable	# of Samples	First Date	Last Date
Precipitation, total, inches	3338	1998-12-07	2008-04-30
Discharge, cubic feet per second	25780	1937-10-01	2008-04-30
Gage height, feet	11376	1997-10-01	2008-04-30
Temperature, water, degrees Celsius	179	1953-11-03	1995-08-01
Dissolved oxygen, water, unfiltered, milligrams per liter	160	1972-11-15	1995-08-01
Dissolved oxygen, water, unfiltered, percent of saturation	46	1984-10-11	1992-09-10
Biochemical oxygen demand, water, unfiltered, 5 days at 20°C, milligrams per liter	149	1973-01-17	1995-08-01
pH, water, unfiltered, field, standard units	191	1953-09-28	1995-08-01
pH, water, unfiltered, laboratory, standard units	81	1980-10-15	1995-08-01
Biomass, periphyton, ash weight, grams per square meter	1	1975-03-19	
Biomass, periphyton, dry weight, grams per square meter	1	1975-03-19	
Total nitrogen, water, unfiltered, milligrams per liter	130	1974-10-24	1995-08-01
Total nitrogen, water, filtered, milligrams per liter	29	1979-09-04	1995-08-01
Organic nitrogen, water, unfiltered, milligrams per liter	117	1973-01-17	1995-08-01
Organic nitrogen, water, filtered, milligrams per liter	27	1979-10-22	1995-08-01
Ammonia, water, filtered, milligrams per liter as nitrogen	92	1973-01-17	1995-08-01
Ammonia, water, unfiltered, milligrams per liter as nitrogen	107	1974-10-24	1995-08-01
Nitrite, water, filtered, milligrams per liter as nitrogen	48	1973-01-17	1995-08-01
Nitrite, water, unfiltered, milligrams per liter as nitrogen	33	1974-10-24	1995-08-01
Nitrate, water, filtered, milligrams per liter as nitrogen	20	1965-08-06	1995-08-01
Nitrate, water, unfiltered, milligrams per liter as nitrogen	29	1974-07-24	1995-08-01
Ammonia plus organic nitrogen, water, filtered, milligrams per liter as nitrogen	47	1978-02-24	1995-08-01
Ammonia plus organic nitrogen, suspended sediment, total, milligrams per liter as nitrogen	36	1978-03-15	1981-09-02

Ammonia plus organic nitrogen, water, unfiltered, milligrams per liter as nitrogen	140	1974-10-24	1995-08-01
Nitrate plus nitrite, water, unfiltered, milligrams per liter as nitrogen	94	1974-10-24	1995-08-01
Nitrate plus nitrite, water, filtered, milligrams per liter as nitrogen	94	1973-11-28	1995-08-01
Phosphate, water, unfiltered, milligrams per liter	16	1973-01-17	1995-08-01
Orthophosphate, water, filtered, milligrams per liter	52	1973-01-17	1995-08-01
Phosphorus, water, unfiltered, milligrams per liter	146	1974-07-24	1995-08-01
Phosphorus, water, filtered, milligrams per liter	111	1977-12-15	1995-08-01
Orthophosphate, water, filtered, milligrams per liter as phosphorus	69	1973-01-17	1995-08-01
Organic carbon, water, unfiltered, milligrams per liter	40	1974-10-24	1981-09-02
Organic carbon, water, filtered, milligrams per liter	14	1978-01-27	1981-07-07
Organic carbon, suspended sediment, total, milligrams per liter	12	1978-01-27	1981-07-07
Silica, water, filtered, milligrams per liter	187	1953-09-28	1995-08-01
Chlorophyll b, periphyton, spectrophotometric method, uncorrected, milligrams per square meter	1	1975-03-19	
Chlorophyll a, periphyton, spectrophotometric method, uncorrected, milligrams per square meter	1	1975-03-19	
Biomass, periphyton, ash free dry mass, grams per square meter	1	1975-03-19	
Phytoplankton, total, cells per milliliter	59	1974-10-24	1981-09-02
Suspended sediment, sieve diameter, percent smaller than 0.063 mm	144	1974-10-24	1992-06-30
Orthophosphate, water, unfiltered, milligrams per liter as phosphorus	12	1990-12-14	1995-08-01
Ammonia, water, unfiltered, milligrams per liter as NH ₄	104	1974-10-24	1995-08-01
Ammonia, water, filtered, milligrams per liter as NH ₄	85	1973-01-17	1995-08-01
Nitrate, water, unfiltered, milligrams per liter	13	1953-09-28	1974-07-24
Nitrate, water, filtered, milligrams per liter	26	1965-02-04	1995-08-01
Nitrite, water, filtered, milligrams per liter	11	1973-01-17	1995-08-01
Phosphorus, water, unfiltered, milligrams per liter as phosphate	50	1979-04-12	1986-06-03
Total nitrogen, water, unfiltered, milligrams per liter as nitrate	86	1974-10-24	1995-08-01
Suspended sediment concentration, milligrams per liter	147	1974-10-24	1992-06-30
Suspended sediment discharge, tons per day	145	1974-10-24	1992-06-30
Bed sediment, dry sieved, sieve diameter, percent smaller than 0.063 mm	1	1983-08-16	
Total cell count, water, cells per milliliter	60	1974-10-24	1981-09-02

USGS 02492600 Pearl River at Pearl River, LA

Stream/River Site

LOCATION: Latitude 30°23'06", Longitude 89°44'12" NAD27

St. Tammany Parish, Louisiana, Hydrologic Unit 03180004

DESCRIPTION

Drainage area: 8,494.00 square miles

Datum of gage: -0.05 ft above sea level NGVD29.

Table 2: Available data at USGS 02492600

Variable	# of Samples	First Date	Last Date
Precipitation, total, inches	3443	1998-05-23	2008-04-30
Discharge, cubic feet per second	2557	1963-10-01	1970-09-30
Gage height, feet	13399	1994-10-01	2008-04-30
pH, water, unfiltered, field, standard units	39	1963-10-01	1964-09-21
Silica, water, filtered, milligrams per liter	39	1963-10-01	1964-09-21
Nitrate, water, unfiltered, milligrams per liter	37	1963-10-01	1964-09-21

**USGS 07373420 Mississippi River near St. Francisville, LA
Stream/River Site**

LOCATION: Latitude 30°45'30", Longitude 91°23'45" NAD27

West Feliciana Parish, Louisiana, Hydrologic Unit 08070100

DESCRIPTION

Drainage area: 1,125,300 square miles

Table 3: Available data at USGS 07373420

Variable	# of Samples	First Date	Last Date
Temperature, water, degrees Celsius	559	1968-01-31	2007-08-29
Dissolved oxygen, water, unfiltered, milligrams per liter	501	1969-10-31	2007-08-29
Dissolved oxygen, water, unfiltered, percent of saturation	166	1975-07-24	2007-08-29
Biochemical oxygen demand, water, unfiltered, 5 days at 20° C, milligrams per liter	448	1969-10-31	2007-08-29
pH, water, unfiltered, field, standard units	945	1954-08-22	2007-08-29
pH, water, unfiltered, laboratory, standard units	344	1980-10-17	2007-08-13
Biomass, periphyton, ash weight, grams per square meter	2	1974-11-07	1978-01-13
Biomass, periphyton, dry weight, grams per square meter	1	1978-01-13	
Total nitrogen, water, unfiltered, milligrams per liter	338	1974-10-11	2007-08-13
Total nitrogen, water, filtered, milligrams per liter	249	1979-10-01	2007-08-13
Organic nitrogen, water, unfiltered, milligrams per liter	192	1974-10-11	2007-03-19
Organic nitrogen, water, filtered, milligrams per liter	131	1979-10-01	2007-03-19
Ammonia, water, filtered, milligrams per liter as nitrogen	302	1969-10-31	2007-08-13
Ammonia, water, unfiltered, milligrams per liter as nitrogen	125	1974-10-11	1997-04-08
Nitrite, water, filtered, milligrams per liter as nitrogen	273	1970-02-16	2007-08-13
Nitrite, water, unfiltered, milligrams per liter as nitrogen	236	1970-02-16	1997-04-08
Nitrate, water, filtered, milligrams per liter as nitrogen	186	1973-01-09	2007-04-30
Nitrate, water, unfiltered, milligrams per liter as nitrogen	369	1964-10-01	1997-04-08
Ammonia plus organic nitrogen, water, filtered, milligrams per liter as nitrogen	371	1976-01-22	2007-08-13
Ammonia plus organic nitrogen, suspended sediment, total, milligrams per liter as nitrogen	53	1977-10-18	1986-06-16
Ammonia plus organic nitrogen, water, unfiltered, milligrams per liter as nitrogen	342	1974-10-11	2007-08-13
Nitrate plus nitrite, water, unfiltered, milligrams per liter as nitrogen	228	1974-10-11	1997-04-08
Nitrate plus nitrite, water, filtered, milligrams per liter as nitrogen	313	1973-08-15	2007-08-13

Phosphate, water, unfiltered, milligrams per liter	56	1969-10-31	1997-04-08
Orthophosphate, water, filtered, milligrams per liter	338	1973-01-09	2007-08-13
Phosphorus, water, unfiltered, milligrams per liter	404	1974-08-16	2007-08-13
Phosphorus, water, filtered, milligrams per liter	296	1978-01-13	2007-08-13
Orthophosphate, water, filtered, milligrams per liter as phosphorus	338	1973-01-09	2007-08-13
Organic carbon, water, unfiltered, milligrams per liter	252	1973-01-09	1997-04-08
Organic carbon, water, filtered, milligrams per liter	189	1978-01-13	2007-06-27
Inorganic carbon, suspended sediment, total, milligrams per liter	99	2000-11-28	2007-06-27
Organic carbon, suspended sediment, total, milligrams per liter	180	1978-01-13	2007-06-27
Carbon (inorganic plus organic), suspended sediment, total, milligrams per liter	99	2000-11-28	2007-06-27
Silica, water, filtered, milligrams per liter	799	1954-08-22	2007-08-13
Chlorophyll b, periphyton, spectrophotometric method, uncorrected, milligrams per square meter	1	1974-11-07	
Chlorophyll a, periphyton, spectrophotometric method, uncorrected, milligrams per square meter	1	1974-11-07	
Biomass, periphyton, ash free dry mass, grams per square meter	1	1978-01-13	
Solids, settleable, water, unfiltered, milliliters per liter per hour	257	1976-02-24	1999-02-10
Suspended sediment concentration, flow-through centrifuge, milligrams per liter	47	1997-11-17	2006-07-17
Phytoplankton, total, cells per milliliter	64	1974-10-11	1981-09-03
Turbidity, water, unfiltered, field, nephelometric turbidity units	16	2003-03-10	2004-07-20
Total nitrogen, suspended sediment, dry weight, percent	12	2001-02-27	2006-07-17
Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU	42	2004-10-26	2007-08-29
Suspended solids, dried at 110 °C, water, milligrams per liter	145	1969-10-31	1979-08-06
Suspended sediment, sieve diameter, percent smaller than 0.063 mm	325	1978-06-05	2005-09-07
Suspended sediment, sieve diameter, percent smaller than 0.25 mm	1	1998-06-25	
Orthophosphate, water, unfiltered, milligrams per liter as phosphorus	39	1975-07-24	1997-04-08
Biomass/chlorophyll ratio, periphyton, number	1	1978-01-13	
Chlorophyll a, phytoplankton, chromatographic-fluorometric method, micrograms per liter	159	1987-03-03	2007-07-25

Chlorophyll b, phytoplankton, chromatographic-fluorometric method, micrograms per liter	79	1987-03-03	2001-09-19
Chlorophyll a, periphyton, chromatographic-fluorometric method, milligrams per square meter	1	1978-01-13	
Chlorophyll b, periphyton, chromatographic-fluorometric method, milligrams per square meter	1	1978-01-13	
Ammonia, water, unfiltered, milligrams per liter as NH ₄	117	1974-10-11	1997-04-08
Ammonia, water, filtered, milligrams per liter as NH ₄	170	1969-10-31	2007-03-19
Nitrate, water, unfiltered, milligrams per liter	445	1954-08-22	1974-09-12
Nitrate, water, filtered, milligrams per liter	186	1973-01-09	2007-04-30
Nitrite, water, unfiltered, milligrams per liter	1	1960-05-01	
Nitrite, water, filtered, milligrams per liter	137	1970-02-16	2007-04-30
Phosphorus, water, unfiltered, milligrams per liter as phosphate	70	1979-04-02	1986-06-16
Total nitrogen, water, unfiltered, milligrams per liter as nitrate	162	1974-10-11	1997-04-08
Suspended sediment concentration, milligrams per liter	325	1978-06-05	2005-09-07
Suspended sediment discharge, tons per day	295	1978-06-05	2005-09-07
Bed sediment, dry sieved, sieve diameter, percent smaller than 0.063 mm	1	1983-08-15	

**USGS 07374525 Mississippi River at Belle Chasse, LA
Stream/River Site**

LOCATION: Latitude 29°51'25", Longitude 89°58'40" NAD27

Plaquemines Parish, Louisiana, Hydrologic Unit 08090100

DESCRIPTION

Drainage area: 1,130,000 square miles

Contributing drainage area: 1,110,000 square miles

Table 4: Available data at USGS 07374525

Variable	# of Samples	First Date	Last Date
Temperature, water, degrees Celsius	183	1977-10-12	2007-09-04
Turbidity, water, unfiltered, Jackson Turbidity Units	36	1977-10-12	1980-09-09
Turbidity, water, unfiltered, nephelometric turbidity units	147	1978-10-25	1995-06-15
Dissolved oxygen, water, unfiltered, milligrams per liter	180	1977-10-12	2007-09-04
Dissolved oxygen, water, unfiltered, percent of saturation	100	1984-10-18	2007-09-04
Biochemical oxygen demand, water, unfiltered, 5 days at 20 °C, milligrams per liter	150	1977-10-12	1997-06-20
pH, water, unfiltered, field, standard units	186	1977-10-12	2007-09-04
pH, water, unfiltered, laboratory, standard units	145	1980-10-15	2007-08-15
Biomass, periphyton, ash weight, grams per square meter	1	1978-03-09	
Biomass, periphyton, dry weight, grams per square meter	1	1978-03-09	
Total nitrogen, water, unfiltered, milligrams per liter	173	1977-10-12	2007-08-15
Total nitrogen, water, filtered, milligrams per liter	48	1979-09-05	2007-08-15
Organic nitrogen, water, unfiltered, milligrams per liter	150	1978-02-09	2007-03-22
Organic nitrogen, water, filtered, milligrams per liter	32	1979-09-05	2007-03-22
Ammonia, water, filtered, milligrams per liter as nitrogen	156	1979-09-05	2007-08-15
Ammonia, water, unfiltered, milligrams per liter as nitrogen	95	1978-01-18	1992-07-17
Nitrite, water, filtered, milligrams per liter as nitrogen	110	1985-10-03	2007-08-15
Nitrite, water, unfiltered, milligrams per liter as nitrogen	22	1981-06-03	1992-07-17
Nitrate, water, filtered, milligrams per liter as nitrogen	76	1985-10-03	2007-08-15
Nitrate, water, unfiltered, milligrams per liter as nitrogen	19	1981-06-03	1992-05-28
Ammonia plus organic nitrogen, water, filtered, milligrams per liter as nitrogen	65	1978-01-18	2007-08-15
Ammonia plus organic nitrogen, suspended sediment, total, milligrams per liter as nitrogen	38	1978-02-09	1981-09-01
Ammonia plus organic nitrogen, water, unfiltered, milligrams per liter as nitrogen	178	1977-10-12	2007-08-15

Nitrate plus nitrite, water, unfiltered, milligrams per liter as nitrogen	68	1977-10-12	1992-07-17
Nitrate plus nitrite, water, filtered, milligrams per liter as nitrogen	156	1979-09-05	2007-08-15
Phosphate, water, unfiltered, milligrams per liter	25	1979-04-25	1992-07-17
Orthophosphate, water, filtered, milligrams per liter	130	1981-10-07	2007-08-15
Phosphorus, water, unfiltered, milligrams per liter	180	1977-10-12	2007-08-15
Phosphorus, water, filtered, milligrams per liter	174	1978-01-18	2007-08-15
Orthophosphate, water, filtered, milligrams per liter as phosphorus	131	1981-10-07	2007-08-15
Organic carbon, water, unfiltered, milligrams per liter	35	1977-06-14	1985-02-15
Organic carbon, water, filtered, milligrams per liter	37	1978-01-18	2007-06-25
Inorganic carbon, suspended sediment, total, milligrams per liter	18	2006-05-11	2007-06-25
Organic carbon, suspended sediment, total, milligrams per liter	35	1978-01-18	2007-06-25
Carbon (inorganic plus organic), suspended sediment, total, milligrams per liter	18	2006-05-11	2007-06-25
Silica, water, filtered, milligrams per liter	180	1977-10-12	2007-08-15
Biomass, periphyton, ash free dry mass, grams per square meter	1	1978-03-09	
Solids, settleable, water, unfiltered, milliliters per liter per hour	4	1979-03-08	1995-06-15
Phytoplankton, total, cells per milliliter	29	1977-11-10	1981-09-01
Orthophosphate, water, unfiltered, milligrams per liter as phosphorus	21	1990-11-02	1992-07-17
Biomass/chlorophyll ratio, periphyton, number	1	1978-03-09	
Chlorophyll a, phytoplankton, chromatographic-fluorometric method, micrograms per liter	19	2006-05-11	2007-07-23
Chlorophyll a, periphyton, chromatographic-fluorometric method, milligrams per square meter	1	1978-03-09	
Chlorophyll b, periphyton, chromatographic-fluorometric method, milligrams per square meter	1	1978-03-09	
Ammonia, water, unfiltered, milligrams per liter as NH ₄	93	1978-01-18	1992-07-17
Ammonia, water, filtered, milligrams per liter as NH ₄	130	1979-09-05	2007-03-22
Nitrate, water, filtered, milligrams per liter	76	1985-10-03	2007-08-15
Nitrite, water, filtered, milligrams per liter	77	1985-10-03	2007-08-15
Phosphorus, water, unfiltered, milligrams per liter as phosphate	51	1979-04-25	1986-06-18
Total nitrogen, water, unfiltered, milligrams per liter as nitrate	65	1977-10-12	1992-07-17
Suspended sediment concentration, milligrams per liter	154	1977-10-12	1997-11-20

Suspended sediment discharge, tons per day	131	1978-04-14	1997-06-20
Bed sediment, dry sieved, sieve diameter, percent smaller than 0.063 mm	1	1983-08-17	
Total sediment, sieve diameter, percent smaller than 32 mm	2	1977-12-06	1978-06-08
Temperature, water, degrees Celsius	183	1977-10-12	2007-09-04
Turbidity, water, unfiltered, Jackson Turbidity Units	36	1977-10-12	1980-09-09
Turbidity, water, unfiltered, nephelometric turbidity units	147	1978-10-25	1995-06-15
Dissolved oxygen, water, unfiltered, milligrams per liter	180	1977-10-12	2007-09-04
Dissolved oxygen, water, unfiltered, percent of saturation	100	1984-10-18	2007-09-04
Biochemical oxygen demand, water, unfiltered, 5 days at 20°C, milligrams per liter	150	1977-10-12	1997-06-20
pH, water, unfiltered, field, standard units	186	1977-10-12	2007-09-04
pH, water, unfiltered, laboratory, standard units	145	1980-10-15	2007-08-15
Biomass, periphyton, ash weight, grams per square meter	1	1978-03-09	

USGS 073745253 Reggio Canal near Wills Point, LA
 Estuary and Meteorological and Diversion Site
 LOCATION: Latitude 29°47'03", Longitude 89°56'15" NAD83

Plaquemines Parish, Louisiana, Hydrologic Unit 08090203

DESCRIPTION

Datum of gage: 0.0 ft above sea level NAVD88.

Table 5: Available data at USGS 073745253

Variable	# of Samples	First Date	Last Date
Temperature, water, degrees Celsius	9387	1999-01-27	2008-04-30
Wind speed, miles per hour	6849	1999-01-27	2005-08-28
Wind direction, degrees clockwise from true north	4566	1999-01-27	2005-08-28
Specific conductance, water, unfiltered, microsiemens per centimeter at 25 °C	9093	1999-01-27	2008-04-30
Salinity, water, unfiltered, milligrams per milliliter at 25 °C	5532	1999-01-27	2004-09-19

USGS 073745257 Crooked Bay NW of L. Cuatro Caballo near Delacroix
 Estuary Site

LOCATION: Latitude 29°42'29", Longitude 89°43'10" NAD27

Plaquemines Parish, Louisiana, Hydrologic Unit 08090203

DESCRIPTION

Datum of gage: 0.00 ft above sea level NAVD88.

Table 6: Available data at USGS 073745257

Variable	# of Samples	First Date	Last Date
Temperature, water, degrees Celsius	11238	1997-05-21	2008-04-30
Specific conductance, water, unfiltered, microsiemens per centimeter at 25 °C	11349	1997-05-21	2008-04-30
Gage height, feet	2751	1997-05-21	2007-09-30

**USGS 073745258 Cow Bay at American Bay near Point a la Hache, LA
Estuary Site**

LOCATION: Latitude 29°34'14", Longitude 89°42'14" NAD27

Plaquemines Parish, Louisiana, Hydrologic Unit 08090203

DESCRIPTION

Datum of gage: 0.00 ft above sea level NAVD88.

Table 7: Available data at USGS 073745258

Variable	# of Samples	First Date	Last Date
Temperature, water, degrees Celsius	2055	1997-05-21	2008-04-30
Specific conductance, water, unfiltered, microsiemens per centimeter at 25 °C	9342	1997-05-21	2008-04-30
Gage height, feet	2751	1997-05-21	2008-04-30

**USGS 07374526 Black Bay near Snake Island near Point a la Hache, LA
Estuary Site**

LOCATION: Latitude 29°38'00", Longitude 89°33'49" NAD27

Plaquemines Parish, Louisiana, Hydrologic Unit 08090203

DESCRIPTION

Datum of gage: -.70 ft above sea level NAVD88.

Table 8: Available data at USGS 07374526

Variable	# of Samples	First Date	Last Date
Temperature, water, degrees Celsius	15942	1992-06-03	2008-04-30
Specific conductance, water, unfiltered, microsiemens per centimeter at 25 °C	14610	1992-03-10	2008-04-30
Gage height, feet	15436	1992-03-10	2008-04-30

USGS 07374527 Northeast Bay Gardene near Point a la Hache, LA
Estuary Site

LOCATION: Latitude 29°35'08.7", Longitude 89°36'21.5" NAD27

Plaquemines Parish, Louisiana, Hydrologic Unit 08090203

DESCRIPTION

Datum of gage: 0.00 ft above sea level NAVD88.

Table 9: Available data at USGS 07374527

Variable	# of Samples	First Date	Last Date
Temperature, water, degrees Celsius	16785	1992-06-03	2008-04-30
Wind speed, miles per hour	16221	1992-01-29	2008-04-30
Wind direction, degrees clockwise from true north	5602	1992-01-29	2008-04-30
Precipitation, total, inches	2776	1992-01-29	2000-02-24
Gage height, feet	15986	1992-01-29	2008-04-30
Specific conductance, water, unfiltered, microsiemens per centimeter at 25 °C	15841	1992-01-29	2008-04-30
Salinity, water, unfiltered, milligrams per milliliter at 25 °C	5793	2002-10-01	2008-04-30

**USGS 07375050 Tchefuncte River near Covington, LA
Stream/River Site**

LOCATION: Latitude 30°29'40", Longitude 90°10'10" NAD27

St. Tammany Parish, Louisiana, Hydrologic Unit 08090201

DESCRIPTION

Drainage area: 145 square miles

Datum of gage: 0.00 ft above sea level NAVD88.

Table 10: Available data at USGS 07375050

Variable	# of Samples	First Date	Last Date
Precipitation, total, inches	3489	1998-01-09	2008-04-30
Gage height, feet	10743	1998-01-09	2008-04-30
Temperature, water, degrees Celsius	137	1967-12-01	2001-09-04
Dissolved oxygen, water, unfiltered, milligrams per liter	126	1974-03-19	2001-07-17
Dissolved oxygen, water, unfiltered, percent of saturation	64	1984-10-03	2001-07-17
Biochemical oxygen demand, water, unfiltered, 5 days at 20° C, milligrams per liter	90	1974-03-19	1995-08-02
pH, water, unfiltered, field, standard units	162	1958-10-28	2001-09-04
pH, water, unfiltered, laboratory, standard units	98	1980-10-09	2001-09-04
Total nitrogen, water, unfiltered, milligrams per liter	115	1977-11-07	2001-09-04
Total nitrogen, water, filtered, milligrams per liter	58	1979-09-05	2001-09-04
Organic nitrogen, water, unfiltered, milligrams per liter	93	1978-01-27	2001-08-20
Organic nitrogen, water, filtered, milligrams per liter	38	1979-10-23	2001-08-20
Ammonia, water, filtered, milligrams per liter as nitrogen	111	1979-10-23	2001-09-04
Ammonia, water, unfiltered, milligrams per liter as nitrogen	70	1977-12-15	1996-05-21
Ammonia, bed sediment, total, dry weight, milligrams per kilogram as nitrogen	2	1998-05-28	1998-12-07
Nitrite, water, filtered, milligrams per liter as nitrogen	95	1985-10-18	2001-09-04
Nitrite, water, unfiltered, milligrams per liter as nitrogen	12	1990-10-15	1996-05-21
Nitrate, water, filtered, milligrams per liter as nitrogen	36	1958-10-28	2001-09-04
Nitrate, water, unfiltered, milligrams per liter as nitrogen	5	1991-01-09	1995-08-02
Ammonia plus organic nitrogen, water, filtered, milligrams per liter as nitrogen	80	1978-01-27	2001-09-04
Ammonia plus organic nitrogen, suspended sediment, total, milligrams per liter as nitrogen	32	1978-01-27	1981-09-04
Ammonia plus organic nitrogen, water, unfiltered, milligrams per liter as nitrogen	126	1977-11-07	2001-09-04
Ammonia plus organic nitrogen, bed sediment, total, dry weight, milligrams per kilogram as nitrogen	2	1998-05-28	1998-12-07

Nitrate plus nitrite, water, unfiltered, milligrams per liter as nitrogen	51	1977-11-07	1996-05-21
Nitrate plus nitrite, water, filtered, milligrams per liter as nitrogen	137	1979-09-05	2001-09-04
Nitrate plus nitrite, bed sediment, total, dry weight, milligrams per kilogram as nitrogen	2	1998-05-28	1998-12-07
Phosphate, water, unfiltered, milligrams per liter	15	1979-04-13	1996-05-21
Orthophosphate, water, filtered, milligrams per liter	90	1974-03-19	2001-09-04
Phosphorus, water, unfiltered, milligrams per liter	127	1977-11-07	2001-09-04
Phosphorus, water, filtered, milligrams per liter	128	1977-12-15	2001-09-04
Phosphorus, bed sediment, total, dry weight, milligrams per kilogram	2	1998-05-28	1998-12-07
Orthophosphate, water, filtered, milligrams per liter as phosphorus	93	1974-03-19	2001-09-04
Organic carbon, water, unfiltered, milligrams per liter	23	1978-02-24	1981-09-04
Organic carbon, water, filtered, milligrams per liter	40	1978-01-27	2000-10-24
Organic carbon, suspended sediment, total, milligrams per liter	39	1978-01-27	2000-10-24
Silica, water, filtered, milligrams per liter	160	1958-10-28	2001-09-04
Suspended solids, dried at 110 °C, water, milligrams per liter	1	1974-03-19	
Suspended sediment, sieve diameter, percent smaller than 0.063 mm	88	1977-11-07	1993-07-13
Orthophosphate, water, unfiltered, milligrams per liter as phosphorus	11	1991-01-09	1996-05-21
Chlorophyll a, phytoplankton, chromatographic-fluorometric method, micrograms per liter	38	1998-11-19	2001-09-04
Chlorophyll b, phytoplankton, chromatographic-fluorometric method, micrograms per liter	38	1998-11-19	2001-09-04
Ammonia, water, unfiltered, milligrams per liter as NH ₄	68	1977-12-15	1996-05-21
Ammonia, water, filtered, milligrams per liter as NH ₄	84	1979-10-23	2001-08-20
Nitrate, water, unfiltered, milligrams per liter	11	1958-11-25	1959-09-24
Nitrate, water, filtered, milligrams per liter	36	1958-10-28	2001-09-04
Nitrite, water, filtered, milligrams per liter	19	1986-01-07	2001-09-04
Phosphorus, water, unfiltered, milligrams per liter as phosphate	39	1979-04-13	1986-07-17
Total nitrogen, water, unfiltered, milligrams per liter as nitrate	44	1977-11-07	1996-05-21
Suspended sediment concentration, milligrams per liter	122	1977-11-07	2001-09-04
Suspended sediment discharge, tons per day	103	1978-04-28	2001-09-04
Bed sediment, dry sieved, sieve diameter, percent smaller than 0.063 mm	2	1983-10-19	1998-05-28
Total cell count, water, cells per milliliter	26	1977-11-07	1981-09-04

USGS 07375175 Bogue Falaya River at Boston St. at Covington, LA
Stream/River Site

LOCATION: Latitude 30°28'35", Longitude 90°05'22" NAD83

St. Tammany Parish, Louisiana, Hydrologic Unit 08090201

DESCRIPTION

Datum of gage: 0.00 ft above sea level NAVD88.

Table 11: Available data at 07375175

Variable	# of Samples	First Date	Last Date
Precipitation, total, inches	3719	1997-12-31	2008-04-30
Gage height, feet	11263	1997-12-31	2008-04-30

USGS 07375500 Tangipahoa River at Robert, LA
Stream/River Site

LOCATION: Latitude 30°30'23", Longitude 90°21'42" NAD27

Tangipahoa Parish, Louisiana, Hydrologic Unit 08070205

DESCRIPTION

Drainage area: 646.00 square miles

Datum of gage: 6.60 ft above sea level NAVD88.

Table 12: Available data at USGS 07375500

Variable	# of Samples	First Date	Last Date
Precipitation, total, inches	4089	1987-10-01	2008-04-30
Discharge, cubic feet per second	25415	1938-10-01	2008-04-30
Gage height, feet	6702	1987-10-01	2008-04-30
Temperature, water, degrees Celsius	141	1943-10-06	1999-03-16
Dissolved oxygen, water, unfiltered, milligrams per liter	114	1969-11-18	1999-03-16
Dissolved oxygen, water, unfiltered, percent of saturation	38	1984-10-03	1999-03-16
Biochemical oxygen demand, water, unfiltered, 5 days at 20 °C, milligrams per liter	108	1969-11-18	1994-08-09
Total nitrogen, water, unfiltered, milligrams per liter	71	1976-07-09	1999-03-16
Total nitrogen, water, filtered, milligrams per liter	19	1979-09-05	1999-03-16
Organic nitrogen, water, unfiltered, milligrams per liter	73	1973-01-17	1999-03-16
Organic nitrogen, water, filtered, milligrams per liter	17	1979-10-23	1999-03-16
Ammonia, water, filtered, milligrams per liter as nitrogen	73	1973-01-17	1999-03-16
Ammonia, water, unfiltered, milligrams per liter as nitrogen	52	1979-03-27	1992-10-06
Ammonia, bed sediment, total, dry weight, milligrams per kilogram as nitrogen	2	1998-06-09	1998-12-07
Nitrite, water, filtered, milligrams per liter as nitrogen	40	1973-01-17	1999-03-16
Nitrite, water, unfiltered, milligrams per liter as nitrogen	13	1975-01-22	1992-10-06
Nitrate, water, filtered, milligrams per liter as nitrogen	66	1944-04-27	1994-06-10
Nitrate, water, unfiltered, milligrams per liter as nitrogen	13	1972-03-15	1992-07-27
Ammonia plus organic nitrogen, water, filtered, milligrams per liter as nitrogen	29	1979-04-13	1999-03-16
Ammonia plus organic nitrogen, suspended sediment, total, milligrams per liter as nitrogen	26	1979-03-27	1981-09-02
Ammonia plus organic nitrogen, water, unfiltered, milligrams per liter as nitrogen	80	1976-07-09	1999-03-16
Ammonia plus organic nitrogen, bed sediment, total, dry weight, milligrams per kilogram as nitrogen	2	1998-06-09	1998-12-07

Nitrate plus nitrite, water, unfiltered, milligrams per liter as nitrogen	41	1975-01-22	1992-10-06
Nitrate plus nitrite, water, filtered, milligrams per liter as nitrogen	73	1973-11-28	1999-03-16
Nitrate plus nitrite, bed sediment, total, dry weight, milligrams per kilogram as nitrogen	2	1998-06-09	1998-12-07
Phosphate, water, unfiltered, milligrams per liter	15	1979-03-27	1992-10-06
Orthophosphate, water, filtered, milligrams per liter	56	1973-01-17	1999-03-16
Phosphorus, water, unfiltered, milligrams per liter	88	1974-07-24	1999-03-16
Phosphorus, water, filtered, milligrams per liter	80	1979-03-27	1999-03-16
Phosphorus, bed sediment, total, dry weight, milligrams per kilogram	2	1998-06-09	1998-12-07
Orthophosphate, water, filtered, milligrams per liter as phosphorus	58	1973-01-17	1999-03-16
Organic carbon, water, unfiltered, milligrams per liter	18	1975-07-29	1981-09-02
Organic carbon, water, filtered, milligrams per liter	13	1979-04-13	1999-03-16
Organic carbon, suspended sediment, total, milligrams per liter	13	1979-04-13	1999-03-16
Silica, water, filtered, milligrams per liter	146	1944-04-27	1999-03-16
Phytoplankton, total, cells per milliliter	19	1979-03-27	1981-09-02
Suspended solids, dried at 110°C, water, milligrams per liter	1	1974-03-18	
Suspended sediment, sieve diameter, percent smaller than 0.063 mm	84	1979-03-27	1994-08-09
Orthophosphate, water, unfiltered, milligrams per liter as phosphorus	7	1981-07-06	1992-10-06
Chlorophyll a, phytoplankton, chromatographic-fluorometric method, micrograms per liter	2	1998-12-07	1999-03-16
Chlorophyll b, phytoplankton, chromatographic-fluorometric method, micrograms per liter	2	1998-12-07	1999-03-16
Ammonia, water, unfiltered, milligrams per liter as NH ₄	52	1979-03-27	1992-10-06
Ammonia, water, filtered, milligrams per liter as NH ₄	69	1973-01-17	1999-03-16
Nitrate, water, unfiltered, milligrams per liter	4	1972-03-15	1974-07-24
Nitrate, water, filtered, milligrams per liter	67	1944-04-27	1994-06-10
Nitrite, water, filtered, milligrams per liter	20	1973-01-17	1994-06-10
Phosphorus, water, unfiltered, milligrams per liter as phosphate	46	1979-03-27	1986-07-17
Suspended sediment concentration, milligrams per liter	86	1979-03-27	1999-03-16
Suspended sediment discharge, tons per day	74	1979-03-27	1999-03-16
Bed sediment, dry sieved, sieve diameter, percent smaller than 0.063 mm	2	1983-10-12	1998-06-09
Total cell count, water, cells per milliliter	19	1979-03-27	1981-09-02

USGS 07376000 Tickfaw River at Holden, LA

Stream/River Site

LOCATION: Latitude 30°30'13", Longitude 90°40'38" NAD27

Livingston Parish, Louisiana, Hydrologic Unit 08070203

DESCRIPTION

Drainage area: 247.00 square miles

Datum of gage: 18.65 ft above sea level NAVD88.

Table 13: Available data at USGS 07376000

Variable	# of Samples	First Date	Last Date
Precipitation, total, inches	4112	1987-10-01	2008-04-30
Discharge, cubic feet per second	24684	1940-10-01	2008-04-30
Gage height, feet	7068	1987-10-01	2008-04-30
Temperature, water, degrees Celsius	20	1967-03-06	1976-07-09
Dissolved oxygen, water, unfiltered, milligrams per liter	16	1972-11-15	1976-07-09
Biochemical oxygen demand, water, unfiltered, 5 days at 20°C, milligrams per liter	14	1973-01-17	1976-07-09
Total nitrogen, water, unfiltered, milligrams per liter	1	1976-07-09	
Organic nitrogen, water, unfiltered, milligrams per liter	2	1973-01-17	1973-08-15
Ammonia, water, filtered, milligrams per liter as nitrogen	2	1973-01-17	1973-08-15
Nitrite, water, filtered, milligrams per liter as nitrogen	3	1973-01-17	1973-11-28
Nitrite, water, unfiltered, milligrams per liter as nitrogen	5	1975-01-22	1976-04-15
Nitrate, water, filtered, milligrams per liter as nitrogen	15	1965-10-12	1974-07-24
Nitrate, water, unfiltered, milligrams per liter as nitrogen	5	1975-01-22	1976-04-15
Ammonia plus organic nitrogen, water, unfiltered, milligrams per liter as nitrogen	1	1976-07-09	
Nitrate plus nitrite, water, unfiltered, milligrams per liter as nitrogen	6	1975-01-22	1976-07-09
Nitrate plus nitrite, water, filtered, milligrams per liter as nitrogen	1	1973-11-28	
Orthophosphate, water, filtered, milligrams per liter	1	1973-01-17	
Phosphorus, water, unfiltered, milligrams per liter	8	1973-01-17	1976-07-09
Phosphorus, water, filtered, milligrams per liter	1	1973-08-15	
Orthophosphate, water, filtered, milligrams per liter as phosphorus	1	1973-01-17	

Organic carbon, water, unfiltered, milligrams per liter	2	1975-07-29	1976-04-15
Silica, water, filtered, milligrams per liter	49	1955-10-19	1976-07-09
Ammonia, water, filtered, milligrams per liter as NH ₄	2	1973-01-17	1973-08-15
Nitrate, water, unfiltered, milligrams per liter	22	1955-10-19	1974-07-24
Nitrate, water, filtered, milligrams per liter	18	1965-10-12	1974-07-24
Nitrite, water, filtered, milligrams per liter	3	1973-01-17	1973-11-28
Total nitrogen, water, unfiltered, milligrams per liter as nitrate	1	1976-07-09	

USGS 07376500 Natalbany River at Baptist, LA

Stream/River Site

LOCATION: Latitude 30°30'15", Longitude 90°32'45" NAD27

Tangipahoa Parish, Louisiana, Hydrologic Unit 08070203

DESCRIPTION

Drainage area: 79.50 square miles

Datum of gage: 10.79 ft above sea level NAVD88.

Table 14: Available data at USGS 07376500

Variable	# of Samples	First Date	Last Date
Discharge, cubic feet per second	23617	1943-09-01	2008-04-29
Gage height, feet	3704	1997-10-01	2008-04-29
Temperature, water, degrees Celsius	10	1967-03-07	1969-08-25
Nitrate, water, filtered, milligrams per liter as nitrogen	16	1965-10-12	1969-08-25
Phosphate, water, unfiltered, milligrams per liter	1	1954-08-20	
Silica, water, filtered, milligrams per liter	19	1944-04-27	1969-08-25
Nitrate, water, unfiltered, milligrams per liter	2	1944-04-27	1954-08-20
Nitrate, water, filtered, milligrams per liter	17	1965-10-12	1969-08-25

**USGS 07380215 Amite River at Hwy 22 near Maurepas, LA
Stream/River Site**

LOCATION: Latitude 30°18'33", Longitude 90°36'37" NAD27

Livingston Parish, Louisiana, Hydrologic Unit 08070202

DESCRIPTION

Drainage area: 1,775 square miles

Datum of gage: -.89 ft above sea level NAVD88.

Table 15: Available data at USGS 07380215

Variable	# of Samples	First Date	Last Date
Wind speed, miles per hour	6318	1998-07-31	2008-04-30
Wind direction, degrees clockwise from true north	6166	1998-07-31	2008-04-30
Precipitation, total, inches	3476	1998-07-31	2008-04-30
Gage height, feet	10494	1998-07-30	2008-04-30
Temperature, water, degrees Celsius	1	1967-11-14	
Nitrate, water, filtered, milligrams per liter as nitrogen	1	1967-11-14	
Silica, water, filtered, milligrams per liter	1	1967-11-14	
Nitrate, water, unfiltered, milligrams per liter	1	1967-11-14	
Nitrate, water, filtered, milligrams per liter	1	1967-11-14	

USGS 300607089492600 Lake Pontchartrain at Chef Menteur (SITE 18D2)

Lake/Reservoir Site

LOCATION: Latitude 30°06'07", Longitude 89°49'26" NAD27

Orleans Parish, Louisiana, Hydrologic Unit 08090202

Table 16: Available data at USGS 300607089492600

Variable	# of Samples	First Date	Last Date
Temperature, water, degrees Celsius	3	1993-10-01	
Dissolved oxygen, water, unfiltered, milligrams per liter	3	1993-10-01	
Salinity, water, unfiltered, parts per thousand	3	1993-10-01	

**USGS 3007220891501 Mississippi Sound at Grand Pass
Stream/River and Meteorological Site**

LOCATION: Latitude 30°07'22", Longitude 89°15'01" NAD83

St. Bernard Parish, Louisiana, Hydrologic Unit 08090203

Table 17: Available data at USGS 3007220891501

Variable	# of Samples	First Date	Last Date
Temperature, water, degrees Celsius	5241	1999-06-24	2006-12-11
Specific conductance, water, unfiltered, microsiemens per centimeter at 25 °C	5100	1999-06-24	2006-12-11
Salinity, water, unfiltered, parts per thousand	2256	2002-10-01	2006-12-11
Elevation above NGVD 1929, feet	4989	1999-06-24	2006-12-11

**USGS 301058089313900 USCG Pearl River Entrance Channel Light 7A
Estuary Site**

LOCATION: Latitude 30°10'58", Longitude 89°31'39" NAD83

Hancock County, Mississippi, Hydrologic Unit 03180004

Table 18: Available data at USGS 301058089313900

Variable	# of Samples	First Date	Last Date
Temperature, water, degrees Celsius	4931	2000-07-12	2008-04-30
Gage height, feet	4978	2000-07-12	2008-04-30
Specific conductance, water, unfiltered, microsiemens per centimeter at 25 °C	5041	2000-07-12	2008-04-30
Turbidity, water, unfiltered, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/- 2.5 deg, formazin nephelometric units (FNU)	446	2004-10-06	2006-09-26
Temperature, water, degrees Celsius	3	2000-07-11	2000-09-14
Salinity, water, unfiltered, parts per thousand	3	2000-07-11	2000-09-14

3 Louisiana Department of Natural Resources (LA DNR)

Overview of data

Tables 19-86 show data obtained from the Louisiana Department of Natural Resources online database, SONRIS, at <http://dnr.louisiana.gov/crm/coastres/monitoring.asp>. Details included are: station, station name, location (lat/lon) (when available), and water variables available. There are two ways in which data can be obtained from the online database: by project name and by Coastwide Reference Monitoring System (CRMS) sites. Exact location information for the data listed by projects is not available; however, a graphical map interface tool is available to approximate the location. All files referenced in this section can be found on the accompanying data CD in the 'LA DNR' folder. A description of the data collected by LA DNR can be found in LA DNR/DataDescriptions.pdf on the accompanying data CD.

A website dedicated to the CRMS sites was recently developed: <http://www.lacoast.gov/crms2/Home.aspx>. On this site, there is a link to the graphical map interface for the CRMS stations. This map tool only shows the location and available data at the CRMS sites. A graphical map interface for all LA DNR monitoring stations can be found at: http://sonris-www.dnr.state.la.us/www_root/sonris_portal_1.htm

Map of data stations

Figure 2 is a map of the LA DNR stations.

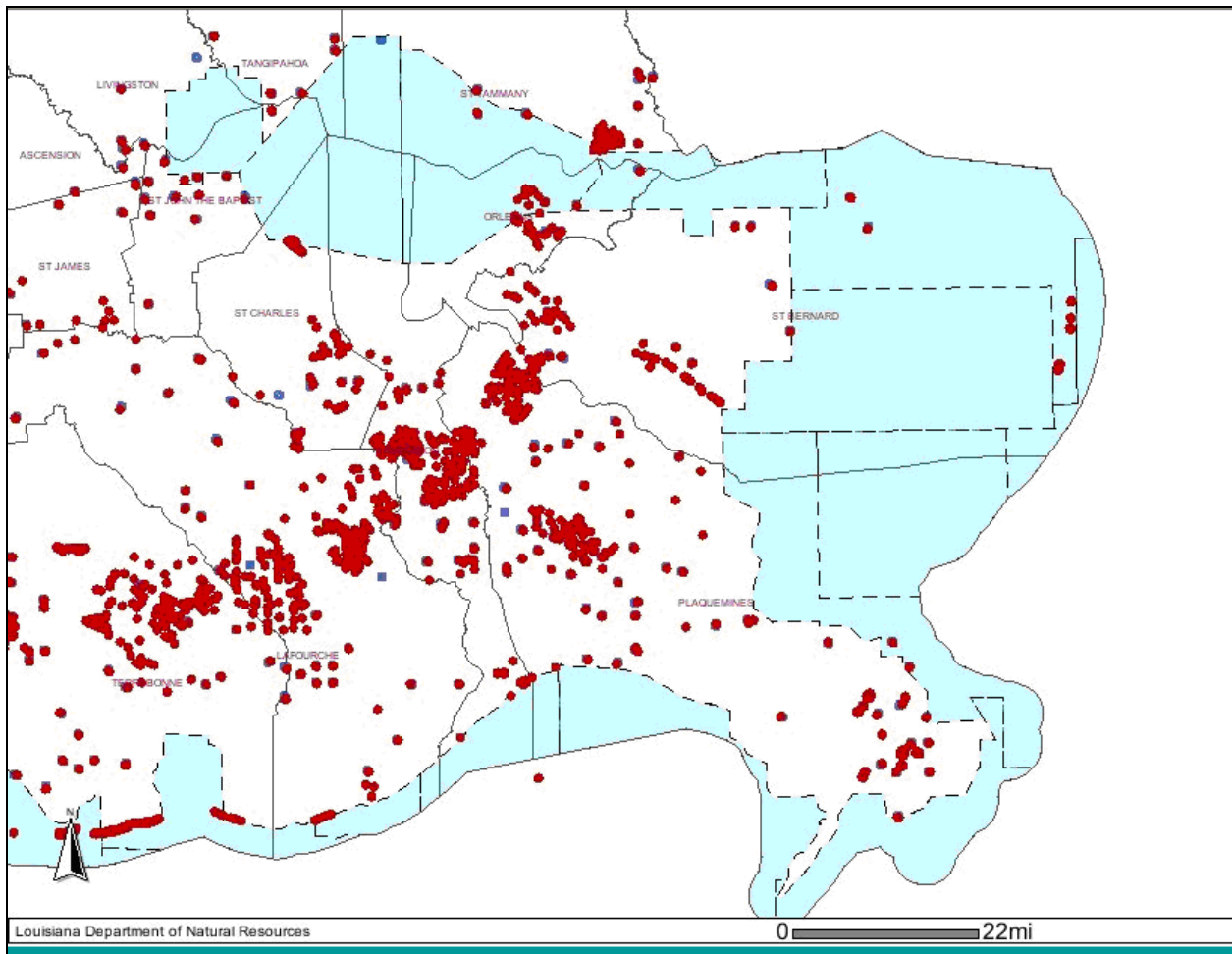


Figure 2: LA DNR monitoring stations (http://sonris-www.dnr.state.la.us/www_root/sonris_portal_1.htm)

LA DNR data

Project BS-03A: Caernarvon Diversion Outfall Management data
 Filename: BS03A_hyd.csv

Table 19: Available data at LA DNR BS-03A-06R

Variable	# of Samples	First Date	Last Date
Depth, feet	31	10/10/2000	2/3/2004
Bottom Water Temperature, degrees Celsius	31	10/10/2000	2/3/2004
Surface Water Temperature, degrees Celsius	31	10/10/2000	2/3/2004
Bottom Specific Conductance, microsiemens per centimeter	31	10/10/2000	2/3/2004
Surface Specific Conductance, microsiemens per centimeter	31	10/10/2000	2/3/2004
Bottom Salinity, parts per thousand	31	10/10/2000	2/3/2004
Surface Salinity, parts per thousand	31	10/10/2000	2/3/2004

Table 20: Available data at LA DNR BS-03A-41

Variable	# of Samples	First Date	Last Date
Depth, feet	36	5/8/2000	2/3/2004
Bottom Water Temperature, degrees Celsius	36	5/8/2000	2/3/2004
Surface Water Temperature, degrees Celsius	36	5/8/2000	2/3/2004
Bottom Specific Conductance, microsiemens per centimeter	36	5/8/2000	2/3/2004
Surface Specific Conductance, microsiemens per centimeter	36	5/8/2000	2/3/2004
Bottom Salinity, parts per thousand	36	5/8/2000	2/3/2004
Surface Salinity, parts per thousand	36	5/8/2000	2/3/2004

Table 21: Available data at LA DNR BS-03A-42

Variable	# of Samples	First Date	Last Date
Depth, feet	34	5/9/2000	2/4/2004
Bottom Water Temperature, degrees Celsius	34	5/9/2000	2/4/2004
Surface Water Temperature, degrees Celsius	34	5/9/2000	2/4/2004
Bottom Specific Conductance, microsiemens per centimeter	34	5/9/2000	2/4/2004
Surface Specific Conductance, microsiemens per centimeter	34	5/9/2000	2/4/2004
Bottom Salinity, parts per thousand	34	5/9/2000	2/4/2004
Surface Salinity, parts per thousand	34	5/9/2000	2/4/2004

Table 22: Available data at LA DNR BS-03A-43

Variable	# of Samples	First Date	Last Date
Depth, feet	35	5/9/2000	2/3/2004
Bottom Water Temperature, degrees Celsius	35	5/9/2000	2/3/2004
Surface Water Temperature, degrees Celsius	35	5/9/2000	2/3/2004
Bottom Specific Conductance, microsiemens per centimeter	35	5/9/2000	2/3/2004
Surface Specific Conductance, microsiemens per centimeter	35	5/9/2000	2/3/2004
Bottom Salinity, parts per thousand	35	5/9/2000	2/3/2004
Surface Salinity, parts per thousand	35	5/9/2000	2/3/2004

Table 23: Available data at LA DNR BS-03A-44

Variable	# of Samples	First Date	Last Date
Depth, feet	33	5/8/2000	2/3/2004
Bottom Water Temperature, degrees Celsius	33	5/8/2000	2/3/2004
Surface Water Temperature, degrees Celsius	33	5/8/2000	2/3/2004
Bottom Specific Conductance, microsiemens per centimeter	33	5/8/2000	2/3/2004
Surface Specific Conductance, microsiemens per centimeter	33	5/8/2000	2/3/2004
Bottom Salinity, parts per thousand	33	5/8/2000	2/3/2004
Surface Salinity, parts per thousand	33	5/8/2000	2/3/2004

Table 24: Available data at LA DNR BS-03A-45R

Variable	# of Samples	First Date	Last Date
Depth, feet	23	8/14/2000	2/4/2004
Bottom Water Temperature, degrees Celsius	23	8/14/2000	2/4/2004
Surface Water Temperature, degrees Celsius	23	8/14/2000	2/4/2004
Bottom Specific Conductance, microsiemens per centimeter	23	8/14/2000	2/4/2004
Surface Specific Conductance, microsiemens per centimeter	23	8/14/2000	2/4/2004
Bottom Salinity, parts per thousand	23	8/14/2000	2/4/2004
Surface Salinity, parts per thousand	23	8/14/2000	2/4/2004

Table 25: Available data at LA DNR BS-03A-46R

Variable	# of Samples	First Date	Last Date
Depth, feet	31	8/15/2000	2/3/2004
Bottom Water Temperature, degrees Celsius	31	8/15/2000	2/3/2004
Surface Water Temperature, degrees Celsius	31	8/15/2000	2/3/2004
Bottom Specific Conductance, microsiemens per centimeter	31	8/15/2000	2/3/2004
Surface Specific Conductance, microsiemens per centimeter	31	8/15/2000	2/3/2004
Bottom Salinity, parts per thousand	31	8/15/2000	2/3/2004
Surface Salinity, parts per thousand	31	8/15/2000	2/3/2004

Table 26: Available data at LA DNR BS-03A-51

Variable	# of Samples	First Date	Last Date
Depth, feet	31	5/8/2000	2/3/2004
Bottom Water Temperature, degrees Celsius	31	5/8/2000	2/3/2004
Surface Water Temperature, degrees Celsius	31	5/8/2000	2/3/2004
Bottom Specific Conductance, microsiemens per centimeter	31	5/8/2000	2/3/2004
Surface Specific Conductance, microsiemens per centimeter	31	5/8/2000	2/3/2004
Bottom Salinity, parts per thousand	31	5/8/2000	2/3/2004
Surface Salinity, parts per thousand	31	5/8/2000	2/3/2004

Table 27: Available data at LA DNR BS-03A-52

Variable	# of Samples	First Date	Last Date
Depth, feet	34	5/9/2000	2/4/2004
Bottom Water Temperature, degrees Celsius	34	5/9/2000	2/4/2004
Surface Water Temperature, degrees Celsius	34	5/9/2000	2/4/2004
Bottom Specific Conductance, microsiemens per centimeter	34	5/9/2000	2/4/2004
Surface Specific Conductance, microsiemens per centimeter	34	5/9/2000	2/4/2004
Bottom Salinity, parts per thousand	34	5/9/2000	2/4/2004
Surface Salinity, parts per thousand	34	5/9/2000	2/4/2004

Table 28: Available data at LA DNR BS-03A-53

Variable	# of Samples	First Date	Last Date
Depth, feet	27	5/9/2000	2/3/2004
Bottom Water Temperature, degrees Celsius	27	5/9/2000	2/3/2004
Surface Water Temperature, degrees Celsius	27	5/9/2000	2/3/2004
Bottom Specific Conductance, microsiemens per centimeter	27	5/9/2000	2/3/2004
Surface Specific Conductance, microsiemens per centimeter	27	5/9/2000	2/3/2004
Bottom Salinity, parts per thousand	27	5/9/2000	2/3/2004
Surface Salinity, parts per thousand	27	5/9/2000	2/3/2004

Table 29: Available data at LA DNR BS-03A-54

Variable	# of Samples	First Date	Last Date
Depth, feet	26	5/8/2000	2/3/2004
Bottom Water Temperature, degrees Celsius	26	5/8/2000	2/3/2004
Surface Water Temperature, degrees Celsius	26	5/8/2000	2/3/2004
Bottom Specific Conductance, microsiemens per centimeter	26	5/8/2000	2/3/2004
Surface Specific Conductance, microsiemens per centimeter	26	5/8/2000	2/3/2004
Bottom Salinity, parts per thousand	26	5/8/2000	2/3/2004
Surface Salinity, parts per thousand	26	5/8/2000	2/3/2004

Table 30: Available data at LA DNR BS-03A-55R

Variable	# of Samples	First Date	Last Date
Depth, feet	34	5/9/2000	2/4/2004
Bottom Water Temperature, degrees Celsius	34	5/9/2000	2/4/2004
Surface Water Temperature, degrees Celsius	34	5/9/2000	2/4/2004
Bottom Specific Conductance, microsiemens per centimeter	34	5/9/2000	2/4/2004
Surface Specific Conductance, microsiemens per centimeter	34	5/9/2000	2/4/2004
Bottom Salinity, parts per thousand	34	5/9/2000	2/4/2004
Surface Salinity, parts per thousand	34	5/9/2000	2/4/2004

Table 31: Available data at LA DNR BS-03A-56R

Variable	# of Samples	First Date	Last Date
Depth, feet	32	8/15/2000	2/3/2004
Bottom Water Temperature, degrees Celsius	32	8/15/2000	2/3/2004
Surface Water Temperature, degrees Celsius	32	8/15/2000	2/3/2004
Bottom Specific Conductance, microsiemens per centimeter	32	8/15/2000	2/3/2004
Surface Specific Conductance, microsiemens per centimeter	32	8/15/2000	2/3/2004
Bottom Salinity, parts per thousand	32	8/15/2000	2/3/2004
Surface Salinity, parts per thousand	32	8/15/2000	2/3/2004

Table 32: Available data at LA DNR BS-03A-61

Variable	# of Samples	First Date	Last Date
Depth, feet	18	5/8/2000	2/4/2004
Bottom Water Temperature, degrees Celsius	18	5/8/2000	2/4/2004
Surface Water Temperature, degrees Celsius	18	5/8/2000	2/4/2004
Bottom Specific Conductance, microsiemens per centimeter	18	5/8/2000	2/4/2004
Surface Specific Conductance, microsiemens per centimeter	18	5/8/2000	2/4/2004
Bottom Salinity, parts per thousand	18	5/8/2000	2/4/2004
Surface Salinity, parts per thousand	18	5/8/2000	2/4/2004

Table 33: Available data at LA DNR BS-03A-62

	# of Samples	First Date	Last Date
Depth, feet	31	5/9/2000	2/4/2004
Bottom Water Temperature, degrees Celsius	31	5/9/2000	2/4/2004
Surface Water Temperature, degrees Celsius	31	5/9/2000	2/4/2004
Bottom Specific Conductance, microsiemens per centimeter	31	5/9/2000	2/4/2004
Surface Specific Conductance, microsiemens per centimeter	31	5/9/2000	2/4/2004
Bottom Salinity, parts per thousand	31	5/9/2000	2/4/2004
Surface Salinity, parts per thousand	31	5/9/2000	2/4/2004

Table 34: Available data at LA DNR BS-03A-63

Variable	# of Samples	First Date	Last Date
Depth, feet	29	5/9/2000	2/3/2004
Bottom Water Temperature, degrees Celsius	29	5/9/2000	2/3/2004
Surface Water Temperature, degrees Celsius	29	5/9/2000	2/3/2004
Bottom Specific Conductance, microsiemens per centimeter	29	5/9/2000	2/3/2004
Surface Specific Conductance, microsiemens per centimeter	29	5/9/2000	2/3/2004
Bottom Salinity, parts per thousand	29	5/9/2000	2/3/2004
Surface Salinity, parts per thousand	29	5/9/2000	2/3/2004

Table 35: Available data at LA DNR BS-03A-64

Variable	# of Samples	First Date	Last Date
Depth, feet	29	8/14/2000	2/3/2004
Bottom Water Temperature, degrees Celsius	29	8/14/2000	2/3/2004
Surface Water Temperature, degrees Celsius	29	8/14/2000	2/3/2004
Bottom Specific Conductance, microsiemens per centimeter	29	8/14/2000	2/3/2004
Surface Specific Conductance, microsiemens per centimeter	29	8/14/2000	2/3/2004
Bottom Salinity, parts per thousand	29	8/14/2000	2/3/2004
Surface Salinity, parts per thousand	29	8/14/2000	2/3/2004

Table 36: Available data at LA DNR BS-03A-65R

Variable	# of Samples	First Date	Last Date
Depth, feet	29	6/13/2000	2/4/2004
Bottom Water Temperature, degrees Celsius	29	6/13/2000	2/4/2004
Surface Water Temperature, degrees Celsius	29	6/13/2000	2/4/2004
Bottom Specific Conductance, microsiemens per centimeter	29	6/13/2000	2/4/2004
Surface Specific Conductance, microsiemens per centimeter	29	6/13/2000	2/4/2004
Bottom Salinity, parts per thousand	29	6/13/2000	2/4/2004
Surface Salinity, parts per thousand	29	6/13/2000	2/4/2004

Table 37: Available data at LA DNR BS-03A-66R

Variable	# of Samples	First Date	Last Date
Depth, feet	5	5/8/2000	9/7/2000
Bottom Water Temperature, degrees Celsius	5	5/8/2000	9/7/2000
Surface Water Temperature, degrees Celsius	5	5/8/2000	9/7/2000
Bottom Specific Conductance, microsiemens per centimeter	5	5/8/2000	9/7/2000
Surface Specific Conductance, microsiemens per centimeter	5	5/8/2000	9/7/2000
Bottom Salinity, parts per thousand	5	5/8/2000	9/7/2000
Surface Salinity, parts per thousand	5	5/8/2000	9/7/2000

Table 38: Available data at LA DNR BS-03A-74

Variable	# of Samples	First Date	Last Date
Depth, feet	2	5/8/2000	6/12/2000
Bottom Water Temperature, degrees Celsius	2	5/8/2000	6/12/2000
Surface Water Temperature, degrees Celsius	2	5/8/2000	6/12/2000
Bottom Specific Conductance, microsiemens per centimeter	2	5/8/2000	6/12/2000
Surface Specific Conductance, microsiemens per centimeter	2	5/8/2000	6/12/2000
Bottom Salinity, parts per thousand	2	5/8/2000	6/12/2000
Surface Salinity, parts per thousand	2	5/8/2000	6/12/2000

Table 39: Available data at LA DNR BS-03A-75R

Variable	# of Samples	First Date	Last Date
Depth, feet	1	6/13/2000	6/13/2000
Bottom Water Temperature, degrees Celsius	1	6/13/2000	6/13/2000
Surface Water Temperature, degrees Celsius	1	6/13/2000	6/13/2000
Bottom Specific Conductance, microsiemens per centimeter	1	6/13/2000	6/13/2000
Surface Specific Conductance, microsiemens per centimeter	1	6/13/2000	6/13/2000
Bottom Salinity, parts per thousand	1	6/13/2000	6/13/2000
Surface Salinity, parts per thousand	1	6/13/2000	6/13/2000

Table 40: Available data at LA DNR BS-03A-76R

Variable	# of Samples	First Date	Last Date
Depth, feet	3	5/8/2000	7/19/2000
Bottom Water Temperature, degrees Celsius	3	5/8/2000	7/19/2000
Surface Water Temperature, degrees Celsius	3	5/8/2000	7/19/2000
Bottom Specific Conductance, microsiemens per centimeter	3	5/8/2000	7/19/2000
Surface Specific Conductance, microsiemens per centimeter	3	5/8/2000	7/19/2000
Bottom Salinity, parts per thousand	3	5/8/2000	7/19/2000
Surface Salinity, parts per thousand	3	5/8/2000	7/19/2000

Table 41: Available data at LA DNR BS-03A-86R

Variable	# of Samples	First Date	Last Date
Depth, feet	3	5/8/2000	7/19/2000
Bottom Water Temperature, degrees Celsius	3	5/8/2000	7/19/2000
Surface Water Temperature, degrees Celsius	3	5/8/2000	7/19/2000
Bottom Specific Conductance, microsiemens per centimeter	3	5/8/2000	7/19/2000
Surface Specific Conductance, microsiemens per centimeter	3	5/8/2000	7/19/2000
Bottom Salinity, parts per thousand	3	5/8/2000	7/19/2000
Surface Salinity, parts per thousand	3	5/8/2000	7/19/2000

Project PO-06: Fritchie Marsh Restoration
Filename: PO06_dcp_cont.csv

Table 42: Available data at LA DNR PO-06-01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	>> 10000	2/6/1996	6/2/2005
Specific Conductance, microsiemens per centimeter	>> 10000	2/6/1996	6/2/2005
Salinity, parts per thousand	>> 10000	2/6/1996	6/2/2005
Water Level, feet	>> 10000	2/6/1996	6/2/2005
Water Elevation to Marsh, feet	>> 10000	2/6/1996	6/2/2005

Table 43: Available data at LA DNR PO-06-03

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	> 10000	6/10/1997	3/18/1999
Specific Conductance, microsiemens per centimeter	> 10000	6/10/1997	3/18/1999
Salinity, parts per thousand	> 10000	6/10/1997	3/18/1999
Water Level, feet	> 10000	6/10/1997	3/18/1999
Water Elevation to Marsh, feet	> 10000	6/10/1997	3/18/1999

Table 44: Available data at LA DNR PO-06-06

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	>> 10000	6/10/1997	6/2/2005
Specific Conductance, microsiemens per centimeter	>> 10000	6/10/1997	6/2/2005
Salinity, parts per thousand	>> 10000	6/10/1997	6/2/2005
Water Level, feet	>> 10000	6/10/1997	6/2/2005
Water Elevation to Marsh, feet	>> 10000	6/10/1997	6/2/2005

Table 45: Available data at LA DNR PO-06-11

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	>> 10000	6/10/1997	6/2/2005
Specific Conductance, microsiemens per centimeter	>> 10000	6/10/1997	6/2/2005
Salinity, parts per thousand	>> 10000	6/10/1997	6/2/2005
Water Level, feet	>> 10000	6/10/1997	6/2/2005
Water Elevation to Marsh, feet	>> 10000	6/10/1997	6/2/2005

Table 46: Available data at LA DNR PO-06-60

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	>> 10000	3/18/1999	6/2/2005
Specific Conductance, microsiemens per centimeter	>> 10000	3/18/1999	6/2/2005
Salinity, parts per thousand	>> 10000	3/18/1999	6/2/2005
Water Level, feet	>> 10000	3/18/1999	6/2/2005
Water Elevation to Marsh, feet	>> 10000	3/18/1999	6/2/2005

Project PO-17: Bayou LaBranche Wetland Creation
Filename: PO17_dcp_cont.csv

Table 47: Available data at LA DNR PO-17-43

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	>> 10000	8/7/1997	6/26/2003
Specific Conductance, microsiemens per centimeter	>> 10000	8/7/1997	6/26/2003
Salinity, parts per thousand	>> 10000	4/12/1996	6/26/2003
Water Level, feet	>> 10000	4/12/1996	6/26/2003
Water Elevation to Datum, feet	>> 10000	5/7/1996	6/26/2003

Table 48: Available data at LA DNR PO-17-44R

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	>> 10000	6/11/1997	6/26/2003
Specific Conductance, microsiemens per centimeter	>> 10000	6/11/1997	6/26/2003
Salinity, parts per thousand	>> 10000	4/12/1996	6/26/2003
Water Level, feet	>> 10000	4/12/1996	6/26/2003
Water Elevation to Datum, feet	>> 10000	5/7/1996	6/26/2003

Project PO-24: Hopedale Hydrologic Restoration
Filename: PO24_hyd.csv

Table 49: Available data at LA DNR PO-24-01, PO-24-02, PO-24-03, PO-24-04, PO-24-05

Variable	# of Samples	First Date	Last Date
Staff Gauge, feet	12	11/21/2000	12/3/0001
Depth, feet	13	10/4/2000	12/3/2001
Bottom Water Temperature, degrees Celsius	14	8/31/2000	12/3/2001
Surface Water Temperature, degrees Celsius	13	10/4/2000	12/3/2001
Bottom Specific Conductance, microsiemens per centimeter	14	8/31/2000	12/3/2001
Surface Specific Conductance, microsiemens per centimeter	13	10/4/2000	12/3/2001
Bottom Salinity, parts per thousand	14	8/31/2000	12/3/2001
Surface Salinity, parts per thousand	13	10/4/2000	12/3/2001

Table 50: Available data at LA DNR PO-24-07

Variable	# of Samples	First Date	Last Date
Depth, feet	14	8/31/2000	12/3/2001
Bottom Water Temperature, degrees Celsius	14	8/31/2000	12/3/2001
Surface Water Temperature, degrees Celsius	14	8/31/2000	12/3/2001
Bottom Specific Conductance, microsiemens per centimeter	14	8/31/2000	12/3/2001
Surface Specific Conductance, microsiemens per centimeter	14	8/31/2000	12/3/2001
Bottom Salinity, parts per thousand	14	8/31/2000	12/3/2001
Surface Salinity, parts per thousand	14	8/31/2000	12/3/2001

Table 51: Available data at LA DNR PO-24-09, PO-24-09

Variable	# of Samples	First Date	Last Date
Depth, feet	13	10/4/2000	12/3/2001
Bottom Water Temperature, degrees Celsius	13	10/4/2000	12/3/2001
Surface Water Temperature, degrees Celsius	13	10/4/2000	12/3/2001
Bottom Specific Conductance, microsiemens per centimeter	13	10/4/2000	12/3/2001
Surface Specific Conductance, microsiemens per centimeter	13	10/4/2000	12/3/2001
Bottom Salinity, parts per thousand	13	10/4/2000	12/3/2001
Surface Salinity, parts per thousand	13	10/4/2000	12/3/2001

Table 52: Available data at LA DNR PO-24-13

Variable	# of Samples	First Date	Last Date
Depth, feet	12	11/21/2001	12/3/2001
Bottom Water Temperature, degrees Celsius	12	11/21/2001	12/3/2001
Surface Water Temperature, degrees Celsius	12	11/21/2001	12/3/2001
Bottom Specific Conductance, microsiemens per centimeter	12	11/21/2001	12/3/2001
Surface Specific Conductance, microsiemens per centimeter	12	11/21/2001	12/3/2001
Bottom Salinity, parts per thousand	12	11/21/2001	12/3/2001
Surface Salinity, parts per thousand	12	11/21/2001	12/3/2001

CRMS0003

Lat, Long: 30.0976, -89.2556

Filename: CRMS0003_dcp_cont.csv

Table 53: Available data at LA DNR CRMS0003-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	3023	11/1/2007	3/6/2008
Specific Conductance, microsiemens per centimeter	3023	11/1/2007	3/6/2008
Salinity, parts per thousand	3023	11/1/2007	3/6/2008
Water Level, feet	3023	11/1/2007	3/6/2008
Water Elevation to Datum, feet	3023	11/1/2007	3/6/2008

CRMS0006

Lat, Long: 30.2590, -89.9780

Filename: CRMS0006_dcp_cont.csv

Table 54: Available data at LA DNR CRMS0006-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	4271	9/28/2007	3/24/2008
Specific Conductance, microsiemens per centimeter	4271	9/28/2007	3/24/2008
Salinity, parts per thousand	4271	9/28/2007	3/24/2008
Water Level, feet	4271	9/28/2007	3/24/2008
Water Elevation to Datum, feet	4271	9/28/2007	3/24/2008

CRMS0030

Lat, Long: 30.3017, -90.3323

Filename: CRMS0030_dcp_cont.csv

Table 55: Available data at LA DNR CRMS0030-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	4823	5/9/2007	11/26/2007
Specific Conductance, microsiemens per centimeter	4823	5/9/2007	11/26/2007
Salinity, parts per thousand	4823	5/9/2007	11/26/2007
Water Level, feet	4823	5/9/2007	11/26/2007
Water Elevation to Datum, feet	4823	5/9/2007	11/26/2007

CRMS0033

Lat, Long: 30.2733, -90.3900

Filename: CRMS0033_dcp_cont.csv

Table 56: Available data at LA DNR CRMS0033-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	4801	5/9/2007	11/26/2007
Specific Conductance, microsiemens per centimeter	4801	5/9/2007	11/26/2007
Salinity, parts per thousand	4801	5/9/2007	11/26/2007
Water Level, feet	4801	5/9/2007	11/26/2007
Water Elevation to Datum, feet	4801	5/9/2007	11/26/2007

CRMS0034

Lat, Long: 30.2993, -90.3817

Filename: CRMS0034_dcp_cont.csv

Table 57: Available data at LA DNR CRMS0034-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	4557	5/9/2007	11/15/2007
Specific Conductance, microsiemens per centimeter	4557	5/9/2007	11/15/2007
Salinity, parts per thousand	4557	5/9/2007	11/15/2007
Water Level, feet	4557	5/9/2007	11/15/2007
Water Elevation to Datum, feet	4557	5/9/2007	11/15/2007

CRMS0056

Lat, Long: 30.1284, -90.4421

Filename: CRMS0056_dcp_cont.csv

Table 58: Available data at LA DNR CRMS0056-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	1412	9/17/2007	11/15/2007
Specific Conductance, microsiemens per centimeter	1412	9/17/2007	11/15/2007
Salinity, parts per thousand	1412	9/17/2007	11/15/2007
Water Level, feet	1412	9/17/2007	11/15/2007
Water Elevation to Datum, feet	1412	9/17/2007	11/15/2007

CRMS0058

Lat, Long: 30.1641, -90.5383

Filename: CRMS0058_dcp_cont.csv

Table 59: Available data at LA DNR CRMS0058-W01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	2255	6/19/2007	9/21/2007
Specific Conductance, microsiemens per centimeter	2255	6/19/2007	9/21/2007
Salinity, parts per thousand	2255	6/19/2007	9/21/2007
Water Level, feet	2255	6/19/2007	9/21/2007

CRMS0108

Lat, Long: 29.9549, -89.4149

Filename: CRMS0108_dcp_cont.csv

Table 60: Available data at LA DNR CRMS0108-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	1438	12/7/2007	3/6/2008
Specific Conductance, microsiemens per centimeter	1438	12/7/2007	3/6/2008
Salinity, parts per thousand	1438	12/7/2007	3/6/2008
Water Level, feet	1438	12/7/2007	3/6/2008

CRMS0118

Lat, Long: 29.3714, -89.5413

Filename: CRMS0118_dcp_cont.csv

Table 61: Available data at LA DNR CRMS0118-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	7511	5/17/2007	3/25/2008
Specific Conductance, microsiemens per centimeter	7511	5/17/2007	3/25/2008
Salinity, parts per thousand	7511	5/17/2007	3/25/2008
Water Level, feet	7511	5/17/2007	3/25/2008
Water Elevation to Datum, feet	7511	5/17/2007	3/25/2008

CRMS0119

Lat, Long: 29.4754, -89.6360

Filename: CRMS0119_dcp_cont.csv

Table 62: Available data at LA DNR CRMS0119-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	7389	5/17/2007	3/20/2008
Specific Conductance, microsiemens per centimeter	7389	5/17/2007	3/20/2008
Salinity, parts per thousand	7389	5/17/2007	3/20/2008
Water Level, feet	7389	5/17/2007	3/20/2008
Water Elevation to Datum, feet	7389	5/17/2007	3/20/2008

CRMS0129

Lat, Long: 29.4671, -89.6003

Filename: CRMS0129_dcp_cont.csv

Table 63: Available data at LA DNR CRMS0129-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	7394	5/17/2007	3/20/2008
Specific Conductance, microsiemens per centimeter	7394	5/17/2007	3/20/2008
Salinity, parts per thousand	7394	5/17/2007	3/20/2008
Water Level, feet	7394	5/17/2007	3/20/2008

CRMS0139

Lat, Long: 29.3809, -89.4808

Filename: CRMS0139_dcp_cont.csv

Table 64: Available data at LA DNR CRMS0139-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	6500	6/28/2007	3/25/2008
Specific Conductance, microsiemens per centimeter	6500	6/28/2007	3/25/2008
Salinity, parts per thousand	6500	6/28/2007	3/25/2008
Water Level, feet	6500	6/28/2007	3/25/2008
Water Elevation to Datum, feet	6500	6/28/2007	3/25/2008

CRMS0147

Lat, Long: 29.6641, -89.6044

Filename: CRMS0147_dcp_cont.csv

Table 65: Available data at LA DNR CRMS0147-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	12361	6/8/2006	11/5/2007
Specific Conductance, microsiemens per centimeter	12361	6/8/2006	11/5/2007
Salinity, parts per thousand	12361	6/8/2006	11/5/2007
Water Level, feet	12361	6/8/2006	11/5/2007

CRMS0148

Lat, Long: 29.5113, -89.6978

Filename: CRMS0148_dcp_cont.csv

Table 66: Available data at LA DNR CRMS0148-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	7391	5/17/2007	3/20/2008
Specific Conductance, microsiemens per centimeter	7391	5/17/2007	3/20/2008
Salinity, parts per thousand	7391	5/17/2007	3/20/2008
Water Level, feet	7391	5/17/2007	3/20/2008

CRMS0151

Lat, Long: 29.2025, -89.1348

Filename: CRMS0151_dcp_cont.csv

Table 67: Available data at LA DNR CRMS0151-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	2860	11/28/2007	3/26/2008
Specific Conductance, microsiemens per centimeter	2860	11/28/2007	3/26/2008
Salinity, parts per thousand	2860	11/28/2007	3/26/2008
Water Level, feet	2860	11/28/2007	3/26/2008

CRMS0153

Lat, Long: 29.1101, -89.1361

Filename: CRMS0153_dcp_cont.csv

Table 68: Available data at LA DNR CRMS0153-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	2878	11/27/2007	3/26/2008
Specific Conductance, microsiemens per centimeter	2878	11/27/2007	3/26/2008
Salinity, parts per thousand	2878	11/27/2007	3/26/2008
Water Level, feet	2878	11/27/2007	3/26/2008

CRMS0157

Lat, Long: 29.1277, -89.2292

Filename: CRMS0157_dcp_cont.csv

Table 69: Available data at LA DNR CRMS0157-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	6598	6/25/2007	3/26/2008
Specific Conductance, microsiemens per centimeter	6598	6/25/2007	3/26/2008
Salinity, parts per thousand	6598	6/25/2007	3/26/2008
Water Level, feet	6598	6/25/2007	3/26/2008
Water Elevation to Datum, feet	6598	6/25/2007	3/26/2008

CRMS0159

Lat, Long: 29.046, -89.198

Filename: CRMS0159_dcp_cont.csv

Table 70: Available data at LA DNR CRMS0159-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	6554	6/27/2007	3/26/2008
Specific Conductance, microsiemens per centimeter	6554	6/27/2007	3/26/2008
Salinity, parts per thousand	6554	6/27/2007	3/26/2008
Water Level, feet	6554	6/27/2007	3/26/2008

CRMS0161

Lat, Long: 29.2946, -89.1667

Filename: CRMS0161_dcp_cont.csv

Table 71: Available data at LA DNR CRMS0161-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	6554	6/26/2007	3/25/2008
Specific Conductance, microsiemens per centimeter	6554	6/26/2007	3/25/2008
Salinity, parts per thousand	6554	6/26/2007	3/25/2008
Water Level, feet	6554	6/26/2007	3/25/2008

CRMS0162

Lat, Long: 29.1593, -89.1403

Filename: CRMS0162_dcp_cont.csv

Table 72: Available data at LA DNR CRMS0162-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	3649	6/28/2007	11/27/2007
Specific Conductance, microsiemens per centimeter	3649	6/28/2007	11/27/2007
Salinity, parts per thousand	3649	6/28/2007	11/27/2007
Water Level, feet	3649	6/28/2007	11/27/2007

CRMS2614

Lat, Long: 29.3366, -89.3229

Filename: CRMS2614_dcp_cont.csv

Table 73: Available data at LA DNR CRMS2614-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	6560	6/26/2007	3/25/2008
Specific Conductance, microsiemens per centimeter	6560	6/26/2007	3/25/2008
Salinity, parts per thousand	6560	6/26/2007	3/25/2008
Water Level, feet	6560	6/26/2007	3/25/2008
Water Elevation to Datum, feet	6560	6/26/2007	3/25/2008

CRMS2627

Lat, Long: 29.2252, -89.1842

Filename: CRMS2627_dcp_cont.csv

Table 74: Available data at LA DNR CRMS2627-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	645	2/28/2008	3/26/2008
Specific Conductance, microsiemens per centimeter	645	2/28/2008	3/26/2008
Salinity, parts per thousand	645	2/28/2008	3/26/2008
Water Level, feet	645	2/28/2008	3/26/2008

CRMS2634

Lat, Long: 29.2282, -89.2611

Filename: CRMS2634_dcp_cont.csv

Table 75: Available data at LA DNR CRMS2634-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	629	2/28/2008	3/25/2008
Specific Conductance, microsiemens per centimeter	629	2/28/2008	3/25/2008
Salinity, parts per thousand	629	2/28/2008	3/25/2008
Water Level, feet	629	2/28/2008	3/25/2008

CRMS2854

Lat, Long: 30.3011, -89.9794

Filename: CRMS2854_dcp_cont.csv

Table 76: Available data at LA DNR CRMS2854-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	3502	10/30/2007	3/24/2008
Specific Conductance, microsiemens per centimeter	3502	10/30/2007	3/24/2008
Salinity, parts per thousand	3502	10/30/2007	3/24/2008
Water Level, feet	3502	10/30/2007	3/24/2008

CRMS3626

Lat, Long: 30.1083, -89.8558

Filename: CRMS3626_dcp_cont.csv

Table 77: Available data at LA DNR CRMS3626-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	4012	9/29/2007	3/14/2008
Specific Conductance, microsiemens per centimeter	4012	9/29/2007	3/14/2008
Salinity, parts per thousand	4012	9/29/2007	3/14/2008
Water Level, feet	4012	9/29/2007	3/14/2008
Water Elevation to Datum, feet	4012	9/29/2007	3/14/2008

CRMS3650

Lat, Long: 30.0536, -89.8228

Filename: CRMS3650_dcp_cont.csv

Table 78: Available data at LA DNR CRMS3650-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	4012	9/29/2007	3/14/2008
Specific Conductance, microsiemens per centimeter	4012	9/29/2007	3/14/2008
Salinity, parts per thousand	4012	9/29/2007	3/14/2008
Water Level, feet	4012	9/29/2007	3/14/2008
Water Elevation to Datum, feet	4012	9/29/2007	3/14/2008

CRMS3667

Lat, Long: 30.2602, -89.8846

Filename: CRMS3667_dcp_cont.csv

Table 79: Available data at LA DNR CRMS3667-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	4274	9/28/2007	3/24/2008
Specific Conductance, microsiemens per centimeter	4274	9/28/2007	3/24/2008
Salinity, parts per thousand	4274	9/28/2007	3/24/2008
Water Level, feet	4274	9/28/2007	3/24/2008
Water Elevation to Datum, feet	4274	9/28/2007	3/24/2008

CRMS4107

Lat, Long: 30.0572, -89.8544

Filename: CRMS4107_dcp_cont.csv

Table 80: Available data at LA DNR CRMS4107-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	3114	11/5/2007	3/14/2007
Specific Conductance, microsiemens per centimeter	3114	11/5/2007	3/14/2007
Salinity, parts per thousand	3114	11/5/2007	3/14/2007
Water Level, feet	3114	11/5/2007	3/14/2007

CRMS4548

Lat, Long: 29.8597, -89.6676

Filename: CRMS4548_dcp_cont.csv

Table 81: Available data at LA DNR CRMS4548

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	1154	1/23/2008	3/11/2008
Specific Conductance, microsiemens per centimeter	1154	1/23/2008	3/11/2008
Salinity, parts per thousand	1154	1/23/2008	3/11/2008
Water Level, feet	1154	1/23/2008	3/11/2008
Water Elevation to Datum, feet	1154	1/23/2008	3/11/2008

CRMS4572

Lat, Long: 30.0572, -89.4767

Filename: CRMS4572_dcp_cont.csv

Table 82: Available data at LA DNR CRMS4572

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	3030	11/1/2007	3/6/2008
Specific Conductance, microsiemens per centimeter	3030	11/1/2007	3/6/2008
Salinity, parts per thousand	3030	11/1/2007	3/6/2008
Water Level, feet	3030	11/1/2007	3/6/2008

CRMS4596

Lat, Long: 30.0476, -89.4369

Filename: CRMS4596_dcp_cont.csv

Table 83: Available data at LA DNR CRMS4596

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	3027	11/1/2007	3/6/2008
Specific Conductance, microsiemens per centimeter	3027	11/1/2007	3/6/2008
Salinity, parts per thousand	3027	11/1/2007	3/6/2008
Water Level, feet	3027	11/1/2007	3/6/2008

CRMS4626

Lat, Long: 29.3381, -89.198

Filename: CRMS4626_dcp_cont.csv

Table 84: Available data at LA DNR CRMS4626

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	6557	6/26/2007	3/25/2008
Specific Conductance, microsiemens per centimeter	6557	6/26/2007	3/25/2008
Salinity, parts per thousand	6557	6/26/2007	3/25/2008
Water Level, feet	6557	6/26/2007	3/25/2008
Water Elevation to Datum, feet	6557	6/26/2007	3/25/2008

CRMS5255

Lat, Long: 30.1938, -90.6001

Filename: CRMS5255_dcp_cont.csv

Table 85: Available data at LA DNR CRMS5255

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	6122	6/22/2007	3/3/2008
Specific Conductance, microsiemens per centimeter	6122	6/22/2007	3/3/2008
Salinity, parts per thousand	6122	6/22/2007	3/3/2008
Water Level, feet	6122	6/22/2007	3/3/2008

CRMS6209

Lat, Long: 30.3776, -90.2636

Filename: CRMS6209_dcp_cont.csv

Table 86: Available data at LA DNR CRMS6209-H01

Variable	# of Samples	First Date	Last Date
Water Temperature, degrees Celsius	1440	9/15/2007	11/14/2007
Specific Conductance, microsiemens per centimeter	1440	9/15/2007	11/14/2007
Salinity, parts per thousand	1440	9/15/2007	11/14/2007
Water Level, feet	1440	9/15/2007	11/14/2007

4 Environmental Protection Agency (EPA)

Overview of data

EPA uses two information databases: Legacy STORET (pre-1999) and Modernized STORET (post-1999). Both databases can be found at <http://epa.gov/storet/dbtop.html>. All data files referenced in this section can be found on the accompanying data CD in the 'STORET' folder.

For the Legacy STORET retrievals, data was obtained for nine parishes in Louisiana that border Lake Maurepas, Lake Borgne, Lake Pontchartrain, the Mississippi River, the Mississippi Sound, Chadeleur Sound, and Breton Sound. These parishes are: Jefferson, Livingston, Orleans, Plaquemines, St. Bernard, St. Charles, St. John the Baptist, St. Tammany, and Tangipahoa. The Legacy database produces massive files with every station and variable reported together. For the Legacy retrievals, this report provides the following information: total number of stations monitored in the parish, variable name, number of stations where variable was monitored, number of samples and sample begin and end dates. Tables 87-95 show the data obtained from the Legacy STORET database. Although the location is not explicitly stated in this report, the latitude and longitude locations are found in the file along with the water quality data.

The Modernized STORET database retrievals consist of data from the same parishes. However, these data are organized in such a way that can be easily divided by the station identification number. Information provided in this report for the Modernized STORET consists of station ID, lat/long, variable sampled, number of samples and sample begin and end dates. Tables 96-209 show the data obtained from the Modernized STORET database.

Map of data stations

Figure 3 is a map of some of the nutrient stations available in the parishes of interest. Stations are denoted by a black circle.

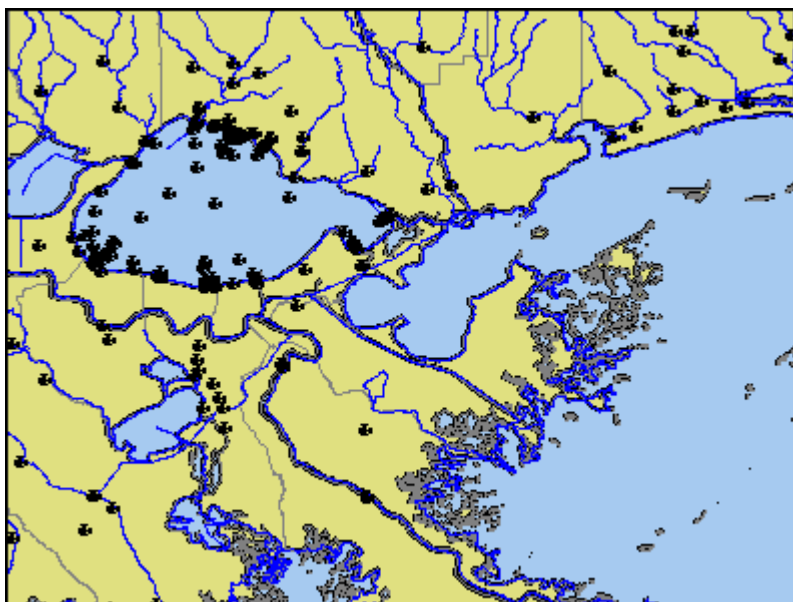


Figure 3: EPA nutrient stations (<http://map8.epa.gov/enviromapper/>)

EPA STORET data

Jefferson Parish

Number of Stations Monitored: 114

Filename: JeffersonParish.xls

Table 87: Available Legacy data in Jefferson Parish

Variable	# Stns	# Obs	First Date	Last Date
TEMPERATURE, WATER (DEGREES CENTIGRADE)	70	11787	10/11/1957	5/12/1998
TEMPERATURE, WATER (DEGREES FAHRENHEIT)	1	1	8/13/1990	8/13/1990
TEMPERATURE, AIR (DEGREES CENTIGRADE)	13	936	5/10/1967	6/1/1973
SALINITY AT 25 °C (MG/ML)	2	14605	10/2/1969	4/5/1972
OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	21	2986	5/10/1967	1/29/1981
OXYGEN, DISSOLVED MG/L	3	378	3/1/1966	5/12/1998
OXYGEN, DISSOLVED, PERCENT OF SATURATION %	24	3343	3/1/1966	5/12/1998
BOD, 5 DAY, 20 °C MG/L	8	139	4/8/1973	6/30/1973
SALINITY - PARTS PER THOUSAND	2	190	1/13/1986	5/12/1998
NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11	149	4/8/1973	8/31/1984
AMMONIA, UNIONIZED (MG/L AS N)	8	116	4/8/1973	6/30/1973
AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	8	116	4/8/1973	6/30/1973
NITRATE NITROGEN, TOTAL (MG/L AS N)	8	139	4/8/1973	6/30/1973
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	6	236	8/9/1983	5/12/1998
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	3	240	1/13/1986	5/12/1998

PHOSPHORUS, TOTAL (MG/L AS P)	3	227	1/13/1986	5/12/1998
CARBON, TOTAL ORGANIC (MG/L AS C)	13	331	4/13/1973	5/12/1998
SOLIDS, TOTAL DISSOLVED (ELECT-CONDUCTIVITY) MG/L	3	15	8/9/1983	12/13/1988
SOLIDS, SUSPENDED LBS/DAY/CFS STREAM FLOW	1	1	8/13/1990	8/13/1990
SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	66	1368	12/7/1959	6/27/1972
SUSPENDED SED SIEVE DIAMETER, % FINER THAN .062MM	4	37	4/14/1973	11/1/1973
PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	8	136	4/8/1973	6/30/1973
SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	30	276	11/25/1962	5/29/1975
SUSPENDED SAND CONCENTRATION (>.0625MM) MG/L	10	57	10/17/1970	11/1/1973
SUSPENDED SILT CONCENTRATION (<.0625MM) MG/L	10	57	10/17/1970	11/1/1973

Livingston Parish

Number of Stations Monitored: 11

Filename: LivingstonParish.xls

Table 88: Available Legacy data in Livingston Parish

Variable	# Stns	# Obs	First Date	Last Date
TEMPERATURE, WATER (DEGREES CENTIGRADE)	3	235	1978-03-06	1998-05-11
OXYGEN, DISSOLVED MG/L	2	231	1978-03-06	1998-05-11
OXYGEN, DISSOLVED, PERCENT OF SATURATION %	2	231	1978-03-06	1998-05-11
SALINITY - PARTS PER THOUSAND	1	1	1984-03-14	1984-03-14
NITROGEN, AMMONIA, TOTAL (MG/L AS N)	1	1	1993-04-12	1993-04-12
AMMONIA, UNIONIZED (MG/L AS N)	1	1	1993-04-12	1993-04-12
AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	1	1	1993-04-12	1993-04-12
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	3	223	1978-03-06	1998-05-11
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	3	232	1978-03-06	1998-05-11
PHOSPHORUS, TOTAL (MG/L AS P)	3	223	1978-03-06	1998-05-11
CARBON, TOTAL ORGANIC (MG/L AS C)	6	234	1978-10-09	1998-05-11
SOLIDS, TOTAL DISSOLVED (ELECT-CONDUCTIVITY) MG/L	4	16	1987-06-25	1993-04-12
SOLIDS, SUSPENDED LBS/DAY/CFS STREAM FLOW	1	1	1993-04-12	1993-04-12

Orleans Parish

Number of Stations Monitored: 88

Filename: OrleansParish.xls

Table 89: Available Legacy data in Orleans Parish

Variable	# Stns	# Obs	First Date	Last Date
TEMPERATURE, WATER (DEGREES CENTIGRADE)	41	42198	5/1/1957	5/12/1998
SALINITY AT 25 °C (MG/ML)	1	48600	4/13/1971	7/22/1981
OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	33	5134	5/10/1967	1/29/1981
OXYGEN, DISSOLVED MG/L	3	463	3/7/1978	5/12/1998
OXYGEN, DISSOLVED, PERCENT OF SATURATION %	36	5533	5/10/1967	5/12/1998
BOD, 5 DAY, 20 °C MG/L	21	510	10/20/1972	6/28/1973
SALINITY - PARTS PER THOUSAND	4	802	1/29/1975	5/12/1998
NITROGEN, AMMONIA, TOTAL (MG/L AS N)	21	513	10/20/1972	6/28/1973
AMMONIA, UNIONIZED (MG/L AS N)	19	409	10/20/1972	6/28/1973
AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	19	409	10/20/1972	6/28/1973
NITRATE NITROGEN, TOTAL (MG/L AS N)	24	524	10/20/1972	3/2/1989
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	3	441	3/7/1978	5/12/1998
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	3	464	3/7/1978	5/12/1998
PHOSPHATE, TOTAL (MG/L AS PO4)	1	4	12/8/1983	12/6/1984
PHOSPHATE, ORTHO (MG/L AS PO4)	1	4	12/8/1983	12/6/1984
PHOSPHORUS, TOTAL (MG/L AS P)	3	441	3/7/1978	5/12/1998
CARBON, TOTAL ORGANIC (MG/L AS C)	25	719	4/13/1973	5/12/1998
ALPHA, TOTAL	1	5	12/8/1983	12/6/1984
BETA, TOTAL	1	5	12/8/1983	12/6/1984
SOLIDS,TOTAL DISSOLVED (ELECT-CONDUCTIVITY) MG/L	3	11	4/16/1984	6/29/1987
SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	25	3911	10/1/1957	6/27/1972
SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	15	82	4/14/1973	11/1/1973
PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	21	508	10/20/1972	6/28/1973
NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	1	4	12/8/1983	12/6/1984
SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	19	578	10/1/1957	5/29/1975
SUSPENDED SAND CONCENTRATION (>.0625MM) MG/L	19	132	12/1/1960	11/1/1973
SUSPENDED SILT CONCENTRATION (<.0625MM) MG/L	19	132	12/1/1960	11/1/1973

Plaquemines Parish

Number of Stations Monitored: 208

Filename: PlaqueminesParish.xls

Table 90: Available Legacy data in Plaquemines Parish

Variable	# Stns	# Obs	First Date	Last Date
TEMPERATURE, WATER (DEGREES CENTIGRADE)	166	8508	6/9/1960	5/12/1998
OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	24	1777	6/7/1972	1/29/1981
OXYGEN, DISSOLVED MG/L	13	2040	3/1/1966	5/12/1998
OXYGEN, DISSOLVED, PERCENT OF SATURATION %	37	3789	3/1/1966	5/12/1998
BOD, 5 DAY, 20 °C MG/L	2	34	12/20/1972	6/30/1973
SALINITY - PARTS PER THOUSAND	130	4147	6/9/1960	5/12/1998
NITROGEN, AMMONIA, TOTAL (MG/L AS N)	5	45	12/20/1972	12/21/1983
AMMONIA, UNIONIZED (MG/L AS N)	5	30	3/1/1973	12/21/1983
AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	5	30	3/1/1973	12/21/1983
NITRATE NITROGEN, TOTAL (MG/L AS N)	7	69	12/20/1972	7/23/1986
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	8	1192	5/1/1966	5/12/1998
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	8	1233	5/1/1966	5/12/1998
PHOSPHATE, TOTAL (MG/L AS PO4)	3	13	6/29/1982	12/21/1983
PHOSPHATE, ORTHO (MG/L AS PO4)	3	6	6/29/1982	3/21/1983
PHOSPHORUS, TOTAL (MG/L AS P)	8	1194	5/1/1966	5/12/1998
PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	6	8	8/1/1972	1/22/1974
CARBON, TOTAL ORGANIC (MG/L AS C)	15	1198	5/1/1966	5/12/1998
CARBON, DISSOLVED ORGANIC (MG/L AS C)	3	12	12/20/1982	12/21/1983
ALPHA, TOTAL	5	25	3/21/1983	7/23/1986
ALPHA, TOTAL, COUNTING ERROR	3	6	3/21/1983	12/21/1983
BETA, TOTAL	5	25	3/21/1983	7/23/1986
BETA, TOTAL, COUNTING ERROR	3	8	3/21/1983	12/21/1983
SOLIDS,TOTAL DISSOLVED (ELECT-CONDUCTIVITY) MG/L	3	9	6/29/1982	6/23/1983
SOLIDS, SUSPENDED LBS/DAY/CFS STREAM FLOW	2	3	10/7/1982	6/23/1983
SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	18	361	7/23/1957	6/19/1971
PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	2	32	12/20/1972	6/30/1973
SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	18	429	7/23/1957	7/1/1974
SUSPENDED SAND CONCENTRATION (>.0625MM) MG/L	15	369	6/30/1966	5/15/1971
SUSPENDED SILT CONCENTRATION (<.0625MM) MG/L	15	369	6/30/1966	5/15/1971

St. Bernard Parish

Number of Stations Monitored: 146

Filename: StBernardParish.xls

Table 91: Available Legacy data in St. Bernard Parish

Variable	# Stns	# Obs	First Date	Last Date
TEMPERATURE, WATER (DEGREES CENTIGRADE)	123	19593	5/1/1957	4/13/1998
OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	64	5768	5/10/1967	1/29/1981
OXYGEN, DISSOLVED MG/L	1	38	4/15/1991	4/13/1998
OXYGEN, DISSOLVED, PERCENT OF SATURATION %	65	5790	5/10/1967	4/13/1998
BOD, 5 DAY, 20 °C MG/L	53	1417	9/14/1972	7/26/1977
SALINITY - PARTS PER THOUSAND	1	35	4/6/1992	4/13/1998
NITROGEN, AMMONIA, TOTAL (MG/L AS N)	57	1443	9/14/1972	1/4/1989
AMMONIA, UNIONIZED (MG/L AS N)	55	1010	9/14/1972	7/29/1988
AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	55	1010	9/14/1972	7/29/1988
NITRATE NITROGEN, TOTAL (MG/L AS N)	52	1390	9/14/1972	6/30/1973
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	1	38	4/15/1991	4/13/1998
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	1	38	4/15/1991	4/13/1998
PHOSPHORUS, TOTAL (MG/L AS P)	1	38	4/15/1991	4/13/1998
CARBON, TOTAL ORGANIC (MG/L AS C)	45	545	4/13/1973	4/13/1998
CARBON, DISSOLVED ORGANIC (MG/L AS C)	4	15	9/8/1982	6/18/1987
SOLIDS,TOTAL DISSOLVED (ELECT-CONDUCTIVITY) MG/L	5	22	10/19/1983	1/4/1989
SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	88	9882	4/15/1957	6/27/1972
SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	7	52	4/14/1973	10/30/1973
PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	52	1381	9/14/1972	6/30/1973
SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	76	8187	4/15/1957	10/30/1973
SUSPENDED SAND CONCENTRATION (>.0625MM) MG/L	67	4453	4/15/1957	10/30/1973
SUSPENDED SILT CONCENTRATION (<.0625MM) MG/L	67	4455	4/15/1957	10/30/1973

St. Charles Parish

Number of Stations Monitored: 38

Filename: StCharlesParish.xls

Table 92: Available Legacy data in St. Charles Parish

Variable	# Stns	# Obs	First Date	Last Date
TEMPERATURE, WATER (DEGREES CENTIGRADE)	23	1572	8/5/1961	4/14/1998
OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	11	663	6/15/1972	1/29/1981
OXYGEN, DISSOLVED MG/L	7	856	1/1/1966	4/14/1998
OXYGEN, DISSOLVED, PERCENT OF SATURATION %	18	1508	1/1/1966	4/14/1998
BOD, 5 DAY, 20 °C MG/L	10	130	4/8/1973	5/20/1986
SALINITY - PARTS PER THOUSAND	4	178	4/10/1978	4/14/1998
NITROGEN, AMMONIA, TOTAL (MG/L AS N)	5	122	4/8/1973	12/9/1983
AMMONIA, UNIONIZED (MG/L AS N)	5	77	4/8/1973	12/9/1983
AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	5	77	4/8/1973	12/9/1983
NITRATE NITROGEN, TOTAL (MG/L AS N)	5	120	4/8/1973	10/26/1983
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	6	336	1/1/1966	4/14/1998
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	6	352	1/1/1966	4/14/1998
PHOSPHATE, TOTAL (MG/L AS PO4)	1	4	10/1/1983	10/1/1984
PHOSPHORUS, TOTAL (MG/L AS P)	6	335	1/1/1966	4/14/1998
CARBON, TOTAL ORGANIC (MG/L AS C)	14	440	1/1/1966	4/14/1998
CARBON, DISSOLVED ORGANIC (MG/L AS C)	1	8	3/1/1982	12/9/1983
ALPHA, TOTAL	2	3	8/13/1990	8/13/1990
BETA, TOTAL	2	3	8/13/1990	8/13/1990
SOLIDS,TOTAL DISSOLVED (ELECT-CONDUCTIVITY) MG/L	2	11	3/1/1982	12/10/1986
SOLUTION VOLUME, TOTAL, DRY DEPOSITION ML	3	3	3/16/1986	3/16/1986
SOLIDS, SUSPENDED LBS/DAY/CFS STREAM FLOW	3	5	10/1/1983	8/13/1990
SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	1	4	8/5/1961	6/29/1963
PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	4	118	4/8/1973	6/21/1973
NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	1	1	9/1/1982	9/1/1982
SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	3	27	4/14/1973	11/1/1973
SUSPENDED SAND CONCENTRATION (>.0625MM) MG/L	3	27	4/14/1973	11/1/1973
SUSPENDED SILT CONCENTRATION (<.0625MM) MG/L	3	27	4/14/1973	11/1/1973
TOTAL SEDIMENT PARTICLE SIZE %COARSER THAN 9.00PHI	1	39	10/1/1969	10/1/1986

St. John the Baptist Parish
Number of Stations Monitored: 14
Filename: StJBParish.xls

Table 93: Available Legacy data in St. John the Baptist Parish

Variable	# Stns	# Obs	First Date	Last Date
TEMPERATURE, WATER (DEGREES CENTIGRADE)	8	5131	9/9/1959	4/14/1998
TRANSPARENCY, SECCHI DISC (INCHES)	4	144	4/13/1973	4/14/1998
OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	5	944	6/15/1972	1/29/1981
OXYGEN, DISSOLVED MG/L	1	38	4/16/1991	4/14/1998
OXYGEN, DISSOLVED, PERCENT OF SATURATION %	6	980	6/15/1972	4/14/1998
BOD, 5 DAY, 20 °C MG/L	3	92	4/8/1973	6/25/1973
SALINITY - PARTS PER THOUSAND	1	32	4/7/1992	4/14/1998
NITROGEN, AMMONIA, TOTAL (MG/L AS N)	3	89	4/8/1973	6/25/1973
AMMONIA, UNIONIZED (MG/L AS N)	3	77	4/8/1973	6/25/1973
AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	3	77	4/8/1973	6/25/1973
NITRATE NITROGEN, TOTAL (MG/L AS N)	3	89	4/8/1973	6/18/1973
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	2	38	8/14/1990	4/14/1998
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	2	39	8/14/1990	4/14/1998
PHOSPHORUS, TOTAL (MG/L AS P)	2	38	8/14/1990	4/14/1998
CARBON, TOTAL ORGANIC (MG/L AS C)	6	96	4/13/1973	4/14/1998
ALPHA, TOTAL	1	1	8/14/1990	8/14/1990
BETA, TOTAL	1	1	8/14/1990	8/14/1990
SOLIDS,TOTAL DISSOLVED (ELECT-CONDUCTIVITY) MG/L	1	2	9/27/1988	3/30/1989
SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	1	187	9/9/1959	5/18/1964
SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	3	16	4/14/1973	11/1/1973
PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	3	89	4/8/1973	6/18/1973
SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	3	16	4/14/1973	11/1/1973
SUSPENDED SAND CONCENTRATION (>.0625MM) MG/L	3	16	4/14/1973	11/1/1973
SUSPENDED SILT CONCENTRATION (<.0625MM) MG/L	3	16	4/14/1973	11/1/1973

St. Tammany Parish

Number of Stations Monitored: 64

Filename: StTammanyParish.xls

Table 94: Available Legacy data in St. Tammany Parish

Variable	# Stns	# Obs	First Date	Last Date
TEMPERATURE, WATER (DEGREES CENTIGRADE)	24	5814	10/11/1957	5/11/1998
TRANSPARENCY, SECCHI DISC (INCHES)	20	1588	4/10/1973	5/11/1998
SALINITY AT 25 °C (MG/ML)	1	17628	10/2/1969	4/6/1972
OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	9	2470	6/13/1972	1/29/1981
OXYGEN, DISSOLVED MG/L	12	1931	1/1/1963	5/11/1998
OXYGEN, DISSOLVED, PERCENT OF SATURATION %	21	4371	1/1/1963	5/11/1998
BOD, 5 DAY, 20 °C MG/L	9	276	4/8/1973	6/27/1973
SALINITY - PARTS PER THOUSAND	11	839	3/6/1978	5/11/1998
NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10	276	4/8/1973	4/12/1993
AMMONIA, UNIONIZED (MG/L AS N)	10	242	4/8/1973	4/12/1993
NITRATE NITROGEN, DISSOLVED (MG/L AS N)	1	1	4/10/1973	4/10/1973
AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	10	242	4/8/1973	4/12/1993
NITRATE NITROGEN, TOTAL (MG/L AS N)	10	283	4/8/1973	8/19/1985
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12	1532	9/1/1963	5/11/1998
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12	1595	9/1/1963	5/11/1998
PHOSPHORUS, TOTAL (MG/L AS P)	12	1531	9/1/1963	5/11/1998
CARBON, TOTAL ORGANIC (MG/L AS C)	22	1660	9/1/1963	5/11/1998
ALPHA, TOTAL	1	2	10/2/1984	10/2/1984
BETA, TOTAL	1	2	10/2/1984	10/2/1984
SOLIDS,TOTAL DISSOLVED (ELECT-CONDUCTIVITY) MG/L	1	1	4/12/1993	4/12/1993
SOLUTION VOLUME, TOTAL, DRY DEPOSITION ML	4	19	10/2/1984	11/15/1988
SOLIDS, SUSPENDED LBS/DAY/CFS STREAM FLOW	1	1	4/12/1993	4/12/1993
SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	2	220	12/7/1959	4/23/1969
SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	9	39	4/14/1973	11/1/1973
PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	9	278	4/8/1973	6/27/1973
SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	9	50	4/14/1973	5/29/1975
SUSPENDED SAND CONCENTRATION (>.0625MM) MG/L	9	39	4/14/1973	11/1/1973
SUSPENDED SILT CONCENTRATION (<.0625MM) MG/L	9	39	4/14/1973	11/1/1973

Tangipahoa Parish

Number of Stations Monitored: 64

Filename: TangipahoaParish.xls

Table 95: Available Legacy data in Tangipahoa Parish

Variable	# Stns	# Obs	First Date	Last Date
TEMPERATURE, WATER (DEGREES CENTIGRADE)	18	1870	12/1/1958	5/11/1998
TRANSPARENCY, SECCHI DISC (INCHES)	6	880	4/13/1973	5/11/1998
OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	3	369	5/10/1967	9/13/1996
OXYGEN, DISSOLVED MG/L	6	1280	1/1/1963	5/11/1998
OXYGEN, DISSOLVED, PERCENT OF SATURATION %	9	1649	1/1/1963	5/11/1998
BOD, 5 DAY, 20 °C MG/L	1	31	4/8/1973	6/25/1973
SALINITY - PARTS PER THOUSAND	4	222	3/6/1978	1/8/1990
NITROGEN, AMMONIA, TOTAL (MG/L AS N)	1	30	4/8/1973	6/25/1973
AMMONIA, UNIONIZED (MG/L AS N)	1	26	4/8/1973	6/25/1973
AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	1	26	4/8/1973	6/25/1973
NITRATE NITROGEN, TOTAL (MG/L AS N)	1	30	4/8/1973	6/18/1973
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	14	990	3/1/1964	5/11/1998
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	14	1029	3/1/1964	5/11/1998
PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	8	50	4/16/1991	6/15/1993
PHOSPHORUS, TOTAL (MG/L AS P)	11	946	3/1/1964	5/11/1998
CARBON, TOTAL ORGANIC (MG/L AS C)	13	938	3/1/1964	5/11/1998
SOLIDS,TOTAL DISSOLVED (ELECT-CONDUCTIVITY) MG/L	5	5	4/22/1991	7/16/1991
SOLIDS, SUSPENDED LBS/DAY/CFS STREAM FLOW	5	5	4/22/1991	7/16/1991
SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	1	39	1/31/1967	7/5/1968
SALINITY BASED ON CONDUCTIVITY	7	23	4/16/1991	6/15/1993
SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	1	9	4/14/1973	11/1/1973
PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	1	29	4/8/1973	6/18/1973
NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	8	50	4/16/1991	6/15/1993
SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	1	9	4/14/1973	11/1/1973
SUSPENDED SAND CONCENTRATION (>.0625MM) MG/L	1	9	4/14/1973	11/1/1973
SUSPENDED SILT CONCENTRATION (<.0625MM) MG/L	1	9	4/14/1973	11/1/1973

The following are data obtained from the Modernized STORET database. The retrieved data can be found in stationsResults.xls in the 'STORET' folder on the accompanying data CD.

Station ID = 6

Station Latitude = 29.6002

Station Longitude = -89.6317

Table 96: Available Modernized data at Station 6

Variable	# of Samples	First Date	Last Date
Salinity	11	1/10/2001	12/5/2001
Temperature, water	12	1/10/2001	12/5/2001

Station ID = 7

Station Latitude = 29.7168

Station Longitude = -89.8000

Table 97: Available Modernized data at Station 7

Variable	# of Samples	First Date	Last Date
Salinity	11	2/7/2001	12/4/2001
Temperature, water	12	1/9/2001	12/4/2001

Station ID = 32

Station Latitude = 30.2390

Station Longitude = -89.6153

Table 98: Available Modernized data at Station 32

Variable	# of Samples	First Date	Last Date
Salinity	10	1/2/2001	11/27/2001
Temperature, water	11	1/2/2001	11/27/2001

Station ID = 33
Station Latitude = 30.5065
Station Longitude = -90.3617

Table 99: Available Modernized data at Station 33

Variable	# of Samples	First Date	Last Date
Carbon, Total Organic (TOC)	23	1/8/2002	2/9/2004
Nitrogen, ammonia (NH3) as NH3	23	1/8/2002	2/9/2004
Nitrogen, Kjeldahl	26	1/8/2002	2/9/2004
Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	26	1/8/2002	2/9/2004
Phosphorus	26	1/8/2002	2/9/2004
Solids, Dissolved	26	1/8/2002	2/9/2004
Temperature, water	48	1/3/2000	2/9/2004

Station ID = 35
Station Latitude = 30.1674
Station Longitude = -89.7370

Table 100: Available Modernized data at Station 35

Variable	# of Samples	First Date	Last Date
Salinity	12	1/23/2001	12/18/2001
Temperature, water	12	1/23/2001	12/18/2001

Station ID = 36
Station Latitude = 30.2815
Station Longitude = -90.4003

Table 101: Available Modernized data at Station 36

Variable	# of Samples	First Date	Last Date
Salinity	1	12/3/2001	12/3/2001
Temperature, water	12	1/9/2001	12/3/2001

Station ID = 43
Station Latitude = 30.3326
Station Longitude = -90.8520

Table 102: Available Modernized data at Station 43

Variable	# of Samples	First Date	Last Date
Salinity	1	7/24/2001	7/24/2001
Temperature, water	12	1/16/2001	12/11/2001

Station ID = 64
Station Latitude = 30.6293
Station Longitude = -89.8973

Table 103: Available Modernized data at Station 64

Variable	# of Samples	First Date	Last Date
Carbon, Total Organic (TOC)	24	1/14/2002	2/10/2004
Nitrogen, ammonia (NH ₃) as NH ₃	20	1/14/2002	1/13/2004
Nitrogen, Kjeldahl	26	1/14/2002	2/10/2004
Nitrogen, Nitrite (NO ₂) + Nitrate (NO ₃) as N	26	1/14/2002	2/10/2004
Phosphorus	26	1/14/2002	2/10/2004
Solids, Dissolved	26	1/14/2002	2/10/2004
Salinity	28	1/16/2001	2/10/2004
Temperature, water	47	1/11/2000	2/10/2004

Station ID = 105

Station Latitude = 30.2310

Station Longitude = -89.6689

Table 104: Available Modernized data at Station 105

Variable	# of Samples	First Date	Last Date
Carbon, Total Organic (TOC)	26	1/14/2002	2/10/2004
Nitrogen, ammonia (NH3) as NH3	20	1/14/2002	1/13/2004
Nitrogen, Kjeldahl	26	1/14/2002	2/10/2004
Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	26	1/14/2002	2/10/2004
Phosphorus	26	1/14/2002	2/10/2004
Solids, Dissolved	26	1/14/2002	2/10/2004
Salinity	27	3/14/2000	2/10/2004
Temperature, water	46	1/11/2000	2/10/2004

Station ID = 106

Station Latitude = 30.4046

Station Longitude = -90.1545

Table 105: Available Modernized data at Station 106

Variable	# of Samples	First Date	Last Date
Carbon, Total Organic (TOC)	26	1/14/2002	2/10/2004
Nitrogen, ammonia (NH3) as NH3	24	1/14/2002	1/13/2004
Nitrogen, Kjeldahl	26	1/14/2002	2/10/2004
Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	26	1/14/2002	2/10/2004
Phosphorus	25	1/14/2002	2/10/2004
Solids, Dissolved	25	1/14/2002	2/10/2004
Salinity	40	1/11/2000	2/10/2004
Temperature, water	47	1/11/2000	2/10/2004

Station ID = 107

Station Latitude = 30.4946

Station Longitude = -90.1695

Table 106: Available Modernized data at Station 107

Variable	# of Samples	First Date	Last Date
Salinity	11	2/20/2001	12/18/2001
Temperature, water	12	1/23/2001	12/18/2001

Station ID = 116

Station Latitude = 30.4354

Station Longitude = -90.6775

Table 107: Available Modernized data at Station 116

Variable	# of Samples	First Date	Last Date
Carbon, Total Organic (TOC)	25	1/8/2002	2/9/2004
Nitrogen, ammonia (NH ₃) as NH ₃	22	1/8/2002	2/9/2004
Nitrogen, Kjeldahl	26	1/8/2002	2/9/2004
Nitrogen, Nitrite (NO ₂) + Nitrate (NO ₃) as N	26	1/8/2002	2/9/2004
Phosphorus	24	1/8/2002	1/6/2004
Solids, Dissolved	26	1/8/2002	2/9/2004
Salinity	17	8/13/2002	2/9/2004
Temperature, water	48	1/3/2000	2/10/2004

Station ID = 138
Station Latitude = 30.4354
Station Longitude = -90.6775

Table 108: Available Modernized data at Station 138

Variable	# of Samples	First Date	Last Date
Carbon, Total Organic (TOC)	25	1/14/2002	2/10/2004
Nitrogen, ammonia (NH ₃) as NH ₃	18	1/14/2002	1/13/2004
Nitrogen, Kjeldahl	25	1/14/2002	2/10/2004
Nitrogen, Nitrite (NO ₂) + Nitrate (NO ₃) as N	19	1/14/2002	1/13/2004
Phosphorus	23	1/14/2002	1/13/2004
Solids, Dissolved	25	1/14/2002	2/10/2004
Salinity	39	2/8/2000	2/10/2004
Temperature, water	46	1/11/2000	2/10/2004

Station ID = 150
Station Latitude = 30.0366
Station Longitude = -90.3900

Table 109: Available Modernized data at Station 150

Variable	# of Samples	First Date	Last Date
Salinity	12	1/3/2001	12/4/2001
Temperature, water	12	1/3/2001	12/4/2001

Station ID = 228
Station Latitude = 30.3088
Station Longitude = -90.6100

Table 110: Available Modernized data at Station 228

Variable	# of Samples	First Date	Last Date
Temperature, water	12	1/16/2001	12/11/2001

Station ID = 236
 Station Latitude = 30.3262
 Station Longitude = -90.823

Table 111: Available Modernized data at Station 236

Variable	# of Samples	First Date	Last Date
Salinity	1	7/24/2001	7/24/2001
Temperature, water	12	1/16/2001	12/11/2001

Station ID = 239
 Station Latitude = 30.3689
 Station Longitude = -90.8701

Table 112: Available Modernized data at Station 239

Variable	# of Samples	First Date	Last Date
Salinity	7	5/15/2001	12/11/2001
Temperature, water	12	1/16/2001	12/11/2001

Station ID = 243
 Station Latitude = 30.2225
 Station Longitude = -90.6620

Table 113: Available Modernized data at Station 243

Variable	# of Samples	First Date	Last Date
Salinity	1	12/11/2001	12/11/2001
Temperature, water	12	1/16/2001	12/11/2001

Station ID = 268
 Station Latitude = 30.2266
 Station Longitude = -90.6616

Table 114: Available Modernized data at Station 268

Variable	# of Samples	First Date	Last Date
Temperature, water	12	1/16/2001	12/11/2001

Station ID = 296
Station Latitude = 29.8977
Station Longitude = -90.1568

Table 115: Available Modernized data at Station 296

Variable	# of Samples	First Date	Last Date
Carbon, Total Organic (TOC)	2	1/20/2004	2/16/2004
Nitrogen, ammonia (NH3) as NH3	2	1/20/2004	2/16/2004
Nitrogen, Kjeldahl	2	1/20/2004	2/16/2004
Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	2	1/20/2004	2/16/2004
Phosphorus	1	1/20/2004	1/20/2004
Solids, Dissolved	2	1/20/2004	2/16/2004
Salinity	14	1/25/2000	2/16/2004
Temperature, water	14	1/25/2000	2/16/2004

Station ID = 298
Station Latitude = 30.4316
Station Longitude = -90.5469

Table 116: Available Modernized data at Station 298

Variable	# of Samples	First Date	Last Date
Salinity	2	5/8/2001	11/6/2001
Temperature, water	12	1/9/2001	12/3/2001

Station ID = 299
Station Latitude = 30.4399
Station Longitude = -90.4960

Table 117: Available Modernized data at Station 299

Variable	# of Samples	First Date	Last Date
Salinity	6	5/8/2001	12/3/2001
Temperature, water	12	1/9/2001	12/3/2001

Station ID = 300
 Station Latitude = 30.3138
 Station Longitude = -89.9353

Table 118: Available Modernized data at Station 300

Variable	# of Samples	First Date	Last Date
Salinity	12	1/16/2001	12/11/2001
Temperature, water	12	1/16/2001	12/11/2001

Station ID = 301
 Station Latitude = 30.2713
 Station Longitude = -89.7936

Table 119: Available Modernized data at Station 301

Variable	# of Samples	First Date	Last Date
Salinity	11	1/24/2001	12/19/2001
Temperature, water	12	1/24/2001	12/19/2001

Station ID = 302
 Station Latitude = 30.3375
 Station Longitude = -90.0026

Table 120: Available Modernized data at Station 302

Variable	# of Samples	First Date	Last Date
Salinity	11	1/16/2001	12/11/2001
Temperature, water	11	1/16/2001	12/11/2001

Station ID = 304
 Station Latitude = 30.0525
 Station Longitude = -90.3668

Table 121: Available Modernized data at Station 304

Variable	# of Samples	First Date	Last Date
Salinity	12	1/3/2001	12/4/2001
Temperature, water	12	1/3/2001	12/4/2001

Station ID = 305
Station Latitude = 30.0110
Station Longitude = -90.0850

Table 122: Available Modernized data at Station 305

Variable	# of Samples	First Date	Last Date
Salinity	10	3/6/2001	11/27/2001
Temperature, water	10	3/6/2001	11/27/2001

Station ID = 306
Station Latitude = 30.4399
Station Longitude = -90.4960

Table 123: Available Modernized data at Station 306

Variable	# of Samples	First Date	Last Date
Salinity	10	3/6/2001	11/27/2001

Station ID = 307
Station Latitude = 30.4399
Station Longitude = -90.4960

Table 124: Available Modernized data at Station 307

Variable	# of Samples	First Date	Last Date
Salinity	11	1/23/2001	12/11/2001
Temperature, water	12	1/23/2001	12/11/2001

Station ID = 320

Station Latitude = 29.8571

Station Longitude = -89.9778

Table 125: Available Modernized data at Station 320

Variable	# of Samples	First Date	Last Date
Carbon, Total Organic (TOC)	26	1/14/2002	2/10/2004
Nitrogen, ammonia (NH3) as NH3	20	1/14/2002	1/13/2004
Nitrogen, Kjeldahl	26	1/14/2002	2/10/2004
Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	26	1/14/2002	2/10/2004
Phosphorus	26	1/14/2002	2/10/2004
Solids, Dissolved	26	1/14/2002	2/10/2004
Salinity	37	1/11/2000	2/10/2004
Temperature, water	44	1/11/2000	2/10/2004

Station ID = 411

Station Latitude = 30.4782

Station Longitude = -90.0892

Table 126: Available Modernized data at Station 411

Variable	# of Samples	First Date	Last Date
Salinity	12	1/23/2001	12/18/2001
Temperature, water	12	1/23/2001	12/18/2001

Station ID = 638

Station Latitude = 30.3785

Station Longitude = -90.1595

Table 127: Available Modernized data at Station 638

Variable	# of Samples	First Date	Last Date
Salinity	12	1/23/2001	12/18/2001
Temperature, water	12	1/23/2001	12/18/2001

Station ID = 897
Station Latitude = 29.5480
Station Longitude = -90.1766

Table 128: Available Modernized data at Station 897

Variable	# of Samples	First Date	Last Date
Carbon, Total Organic (TOC)	2	1/6/2004	2/3/2004
Nitrogen, ammonia (NH3) as NH3	1	1/6/2004	1/6/2004
Nitrogen, Kjeldahl	2	1/6/2004	2/3/2004
Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	2	1/6/2004	2/3/2004
Phosphorus	2	1/6/2004	2/3/2004
Solids, Dissolved	2	1/6/2004	2/3/2004
Salinity	13	1/26/2000	2/3/2004
Temperature, water	14	1/26/2000	2/3/2004

Station ID = 899
Station Latitude = 29.6727
Station Longitude = -90.1109

Table 129: Available Modernized data at Station 899

Variable	# of Samples	First Date	Last Date
Carbon, Total Organic (TOC)	2	1/6/2004	2/3/2004
Nitrogen, ammonia (NH3) as NH3	2	1/6/2004	2/3/2004
Nitrogen, Kjeldahl	2	1/6/2004	2/3/2004
Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	2	1/6/2004	2/3/2004
Phosphorus	2	1/6/2004	2/3/2004
Solids, Dissolved	2	1/6/2004	2/3/2004
Salinity	13	1/19/2000	2/3/2004
Temperature, water	14	1/19/2000	2/3/2004

Station ID = 902

Station Latitude = 29.4619

Station Longitude = -89.7003

Table 130: Available Modernized data at Station 902

Variable	# of Samples	First Date	Last Date
Salinity	11	2/1/2000	11/28/2000
Temperature, water	11	2/1/2000	11/28/2000

Station ID = 903

Station Latitude = 29.7785

Station Longitude = -90.3964

Table 131: Available Modernized data at Station 903

Variable	# of Samples	First Date	Last Date
Carbon, Total Organic (TOC)	2	1/13/2004	2/9/2004
Nitrogen, ammonia (NH3) as NH3	1	1/13/2004	1/13/2004
Nitrogen, Kjeldahl	2	1/13/2004	2/9/2004
Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	1	1/13/2004	1/13/2004
Phosphorus	2	1/13/2004	2/9/2004
Solids, Dissolved	2	1/13/2004	2/9/2004
Salinity	14	1/11/2000	2/9/2004
Temperature, water	14	1/11/2000	2/9/2004

Station ID = 904
Station Latitude = 29.8812
Station Longitude = -90.2220

Table 132: Available Modernized data at Station 904

Variable	# of Samples	First Date	Last Date
Carbon, Total Organic (TOC)	2	1/20/2004	2/16/2004
Nitrogen, ammonia (NH3) as NH3	2	1/20/2004	2/16/2004
Nitrogen, Kjeldahl	2	1/20/2004	2/16/2004
Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	2	1/20/2004	2/16/2004
Phosphorus	2	1/20/2004	2/16/2004
Solids, Dissolved	2	1/20/2004	2/16/2004
Salinity	14	1/25/2000	2/16/2004
Temperature, water	14	1/25/2000	2/16/2004

Station ID = 905
Station Latitude = 29.8712
Station Longitude = -90.0691

Table 133: Available Modernized data at Station 905

Variable	# of Samples	First Date	Last Date
Carbon, Total Organic (TOC)	2	1/20/2004	2/16/2004
Nitrogen, ammonia (NH3) as NH3	1	1/20/2004	1/20/2004
Nitrogen, Kjeldahl	2	1/20/2004	2/16/2004
Nitrogen, Nitrite (NO2) + Nitrate (NO3) as N	2	1/20/2004	2/16/2004
Phosphorus	2	1/20/2004	2/16/2004
Solids, Dissolved	2	1/20/2004	2/16/2004
Salinity	14	1/25/2000	2/16/2004
Temperature, water	14	1/25/2000	2/16/2004

Station ID = 907
 Station Latitude = 29.8812
 Station Longitude = -90.2220

Table 134: Available Modernized data at Station 907

Variable	# of Samples	First Date	Last Date
Salinity	11	2/1/2000	11/28/2000
Temperature, water	11	2/1/2000	11/28/2000

Station ID = 908
 Station Latitude = 29.4651
 Station Longitude = -89.9510

Table 135: Available Modernized data at Station 908

Variable	# of Samples	First Date	Last Date
Salinity	11	2/1/2000	11/28/2000
Temperature, water	11	2/1/2000	11/28/2000

Station ID = 909
 Station Latitude = 29.4577
 Station Longitude = -89.8042

Table 136: Available Modernized data at Station 909

Variable	# of Samples	First Date	Last Date
Salinity	11	2/1/2000	11/28/2000
Temperature, water	11	2/1/2000	11/28/2000

Station ID = 910
 Station Latitude = 29.91
 Station Longitude = -90.27

Table 137: Available Modernized data at Station 910

Variable	# of Samples	First Date	Last Date
Salinity	14	1/11/2000	2/9/2004

Station ID = 1037
Station Latitude = 30.1682
Station Longitude = -89.6178

Table 138: Available Modernized data at Station 1037

Variable	# of Samples	First Date	Last Date
Salinity	11	1/23/2001	12/18/2001
Temperature, water	12	1/23/2001	12/18/2001

Station ID = 1038
Station Latitude = 30.5657
Station Longitude = -89.8273

Table 139: Available Modernized data at Station 1038

Variable	# of Samples	First Date	Last Date
Temperature, water	4	1/3/2001	11/27/2001

Station ID = 1039
Station Latitude = 30.5656
Station Longitude = -89.8222

Table 140: Available Modernized data at Station 1039

Variable	# of Samples	First Date	Last Date
Temperature, water	4	1/3/2001	11/27/2001

Station ID = 1040
Station Latitude = 30.5695
Station Longitude = -89.8223

Table 141: Available Modernized data at Station 1040

Variable	# of Samples	First Date	Last Date
Temperature, water	4	1/3/2001	11/27/2001

Station ID = 1041
 Station Latitude = 30.4524
 Station Longitude = -89.7555

Table 142: Available Modernized data at Station 1041

Variable	# of Samples	First Date	Last Date
Temperature, water	11	1/2/2001	11/28/2001

Station ID = 1042
 Station Latitude = 30.4532
 Station Longitude = -89.7616

Table 143: Available Modernized data at Station 1042

Variable	# of Samples	First Date	Last Date
Temperature, water	11	1/2/2001	11/28/2001

Station ID = 1043
 Station Latitude = 30.2277
 Station Longitude = -89.7881

Table 144: Available Modernized data at Station 1043

Variable	# of Samples	First Date	Last Date
Salinity	12	1/16/2001	12/11/2001
Temperature, water	12	1/16/2001	12/11/2001

Station ID = 1044
 Station Latitude = 30.1956
 Station Longitude = -89.7548

Table 145: Available Modernized data at Station 1044

Variable	# of Samples	First Date	Last Date
Salinity	12	1/16/2001	12/11/2001
Temperature, water	12	1/16/2001	12/11/2001

Station ID = 1045
 Station Latitude = 30.2574
 Station Longitude = -89.7526

Table 146: Available Modernized data at Station 1045

Variable	# of Samples	First Date	Last Date
Salinity	12	1/16/2001	12/11/2001

Station ID = 1046
 Station Latitude = 30.3503
 Station Longitude = -90.0533

Table 147: Available Modernized data at Station 1046

Variable	# of Samples	First Date	Last Date
Salinity	11	1/16/2001	12/11/2001
Temperature, water	11	1/16/2001	12/11/2001

Station ID = 1047
 Station Latitude = 30.2794
 Station Longitude = -89.9537

Table 148: Available Modernized data at Station 1047

Variable	# of Samples	First Date	Last Date
Salinity	12	1/16/2001	12/11/2001
Temperature, water	12	1/16/2001	12/11/2001

Station ID = 1048
 Station Latitude = 30.0214
 Station Longitude = -90.4096

Table 149: Available Modernized data at Station 1048

Variable	# of Samples	First Date	Last Date
Salinity	12	1/3/2001	12/4/2001

Station ID = 1049
 Station Latitude = 30.0068
 Station Longitude = -90.2798

Table 150: Available Modernized data at Station 1049

Variable	# of Samples	First Date	Last Date
Salinity	12	1/3/2001	12/4/2001
Temperature, water	12	1/3/2001	12/4/2001

Station ID = 1050
 Station Latitude = 30.0198
 Station Longitude = -90.1804

Table 151: Available Modernized data at Station 1050

Variable	# of Samples	First Date	Last Date
Salinity	11	1/3/2001	12/4/2001
Temperature, water	12	1/3/2001	12/4/2001

Station ID = 1051
 Station Latitude = 30.0306
 Station Longitude = -90.0092

Table 152: Available Modernized data at Station 1051

Variable	# of Samples	First Date	Last Date
Salinity	10	3/6/2001	11/27/2001
Temperature, water	10	3/6/2001	11/27/2001

Station ID = 1052
 Station Latitude = 30.0703
 Station Longitude = -89.8370

Table 153: Available Modernized data at Station 1052

Variable	# of Samples	First Date	Last Date
Salinity	12	1/16/2001	12/11/2001
Temperature, water	12	1/16/2001	12/11/2001

Station ID = 1054
 Station Latitude = 30.3288
 Station Longitude = -89.6319

Table 154: Available Modernized data at Station 1054

Variable	# of Samples	First Date	Last Date
Salinity	6	1/2/2001	11/27/2001
Temperature, water	11	1/2/2001	11/27/2001

Station ID = 1055
 Station Latitude = 30.2353
 Station Longitude = -89.6393

Table 155: Available Modernized data at Station 1055

Variable	# of Samples	First Date	Last Date
Salinity	9	1/2/2001	11/27/2001
Temperature, water	11	1/2/2001	11/27/2001

Station ID = 1061
 Station Latitude = 30.5705
 Station Longitude = -89.7896

Table 156: Available Modernized data at Station 1061

Variable	# of Samples	First Date	Last Date
Salinity	2	5/1/2001	9/25/2001
Temperature, water	10	1/3/2001	11/27/2001

Station ID = 1062
 Station Latitude = 29.9896
 Station Longitude = -89.8592

Table 157: Available Modernized data at Station 1062

Variable	# of Samples	First Date	Last Date
Salinity	11	1/23/2001	12/11/2001
Temperature, water	12	1/23/2001	12/11/2001

Station ID = 1063
 Station Latitude = 29.9902
 Station Longitude = -89.8834

Table 158: Available Modernized data at Station 1063

Variable	# of Samples	First Date	Last Date
Salinity	11	1/23/2001	12/11/2001
Temperature, water	12	1/23/2001	12/11/2001

Station ID = 1064
 Station Latitude = 30.0152
 Station Longitude = -89.8986

Table 159: Available Modernized data at Station 1064

Variable	# of Samples	First Date	Last Date
Salinity	11	1/23/2001	12/11/2001
Temperature, water	12	1/23/2001	12/11/2001

Station ID = 1065
 Station Latitude = 29.9065
 Station Longitude = -89.8111

Table 160: Available Modernized data at Station 1065

Variable	# of Samples	First Date	Last Date
Salinity	12	1/17/2001	12/12/2001
Temperature, water	12	1/17/2001	12/12/2001

Station ID = 1066
 Station Latitude = 29.9071
 Station Longitude = -89.8170

Table 161: Available Modernized data at Station 1066

Variable	# of Samples	First Date	Last Date
Salinity	12	1/17/2001	12/12/2001
Temperature, water	12	1/17/2001	12/12/2001

Station ID = 1067
 Station Latitude = 29.9127
 Station Longitude = -89.8350

Table 162: Available Modernized data at Station 1067

Variable	# of Samples	First Date	Last Date
Salinity	12	1/17/2001	12/12/2001
Temperature, water	12	1/17/2001	12/12/2001

Station ID = 1068
 Station Latitude = 29.9077
 Station Longitude = -89.8598

Table 163: Available Modernized data at Station 1068

Variable	# of Samples	First Date	Last Date
Salinity	12	1/17/2001	12/12/2001
Temperature, water	12	1/17/2001	12/12/2001

Station ID = 1069
 Station Latitude = 29.9260
 Station Longitude = -89.8386

Table 164: Available Modernized data at Station 1069

Variable	# of Samples	First Date	Last Date
Salinity	12	1/17/2001	12/12/2001
Temperature, water	12	1/17/2001	12/12/2001

Station ID = 1070
 Station Latitude = 29.9254
 Station Longitude = -89.8431

Table 165: Available Modernized data at Station 1070

Variable	# of Samples	First Date	Last Date
Salinity	12	1/17/2001	12/12/2001
Temperature, water	12	1/17/2001	12/12/2001

Station ID = 1071
Station Latitude = 29.9543
Station Longitude = -89.8775

Table 166: Available Modernized data at Station 1071

Variable	# of Samples	First Date	Last Date
Salinity	12	1/17/2001	12/12/2001
Temperature, water	12	1/17/2001	12/12/2001

Station ID = 1072
Station Latitude = 30.1168
Station Longitude = -89.7394

Table 167: Available Modernized data at Station 1072

Variable	# of Samples	First Date	Last Date
Salinity	12	1/23/2001	12/18/2001
Temperature, water	12	1/23/2001	12/18/2001

Station ID = 1073
Station Latitude = 30.1134
Station Longitude = -89.6978

Table 168: Available Modernized data at Station 1073

Variable	# of Samples	First Date	Last Date
Salinity	12	1/23/2001	12/18/2001
Temperature, water	12	1/23/2001	12/18/2001

Station ID = 1074
Station Latitude = 30.1362
Station Longitude = -89.6397

Table 169: Available Modernized data at Station 1074

Variable	# of Samples	First Date	Last Date
Salinity	12	1/23/2001	12/18/2001
Temperature, water	12	1/23/2001	12/18/2001

Station ID = 1075
 Station Latitude = 30.1766
 Station Longitude = -89.7543

Table 170: Available Modernized data at Station 1075

Variable	# of Samples	First Date	Last Date
Salinity	12	1/23/2001	12/18/2001
Temperature, water	12	1/23/2001	12/18/2001

Station ID = 1076
 Station Latitude = 30.2633
 Station Longitude = -89.8578

Table 171: Available Modernized data at Station 1076

Variable	# of Samples	First Date	Last Date
Salinity	12	1/24/2001	12/19/2001
Temperature, water	12	1/24/2001	12/19/2001

Station ID = 1077
 Station Latitude = 30.2681
 Station Longitude = -89.8445

Table 172: Available Modernized data at Station 1077

Variable	# of Samples	First Date	Last Date
Salinity	12	1/24/2001	12/19/2001
Temperature, water	12	1/24/2001	12/19/2001

Station ID = 1078
 Station Latitude = 30.2572
 Station Longitude = -89.8368

Table 173: Available Modernized data at Station 1078

Variable	# of Samples	First Date	Last Date
Salinity	12	1/24/2001	12/19/2001
Temperature, water	12	1/24/2001	12/19/2001

Station ID = 1079
 Station Latitude = 29.7344
 Station Longitude = -89.8007

Table 174: Available Modernized data at Station 1079

Variable	# of Samples	First Date	Last Date
Salinity	12	1/9/2001	12/4/2001
Temperature, water	12	1/9/2001	12/4/2001

Station ID = 1080
 Station Latitude = 29.6329
 Station Longitude = -89.7893

Table 175: Available Modernized data at Station 1080

Variable	# of Samples	First Date	Last Date
Salinity	12	1/9/2001	12/4/2001
Temperature, water	12	1/9/2001	12/4/2001

Station ID = 1081
 Station Latitude = 29.7967
 Station Longitude = -89.8272

Table 176: Available Modernized data at Station 1081

Variable	# of Samples	First Date	Last Date
Salinity	13	1/9/2001	12/4/2001
Temperature, water	13	1/9/2001	12/4/2001

Station ID = 1082
 Station Latitude = 29.6202
 Station Longitude = -89.4865

Table 177: Available Modernized data at Station 1082

Variable	# of Samples	First Date	Last Date
Salinity	11	2/6/2001	12/5/2001
Temperature, water	11	2/6/2001	12/5/2001

Station ID = 1083
 Station Latitude = 29.6804
 Station Longitude = -89.5655

Table 178: Available Modernized data at Station 1083

Variable	# of Samples	First Date	Last Date
Salinity	12	1/10/2001	12/5/2001
Temperature, water	12	1/10/2001	12/5/2001

Station ID = 1084
 Station Latitude = 29.8179
 Station Longitude = -89.6120

Table 179: Available Modernized data at Station 1084

Variable	# of Samples	First Date	Last Date
Salinity	11	1/2/2001	11/28/2001
Temperature, water	11	1/2/2001	11/28/2001

Station ID = 1086
 Station Latitude = 29.8407
 Station Longitude = -89.4783

Table 180: Available Modernized data at Station 1086

Variable	# of Samples	First Date	Last Date
Salinity	11	1/2/2001	11/28/2001
Temperature, water	11	1/2/2001	11/28/2001

Station ID = 1087
 Station Latitude = 29.7499
 Station Longitude = -89.4236

Table 181: Available Modernized data at Station 1087

Variable	# of Samples	First Date	Last Date
Salinity	11	1/2/2001	11/28/2001
Temperature, water	11	1/2/2001	11/28/2001

Station ID = 1088
 Station Latitude = 29.8363
 Station Longitude = -89.3805

Table 182: Available Modernized data at Station 1088

Variable	# of Samples	First Date	Last Date
Salinity	11	1/3/2001	11/27/2001
Temperature, water	11	1/3/2001	11/27/2001

Station ID = 1089
 Station Latitude = 29.9115
 Station Longitude = -89.3339

Table 183: Available Modernized data at Station 1089

Variable	# of Samples	First Date	Last Date
Salinity	10	3/7/2001	11/27/2001
Temperature, water	11	1/3/2001	11/27/2001

Station ID = 1090
 Station Latitude = 29.8843
 Station Longitude = -89.2394

Table 184: Available Modernized data at Station 1090

Variable	# of Samples	First Date	Last Date
Salinity	11	1/3/2001	11/27/2001
Temperature, water	11	1/3/2001	11/27/2001

Station ID = 1091
 Station Latitude = 29.8932
 Station Longitude = -89.3111

Table 185: Available Modernized data at Station 1091

Variable	# of Samples	First Date	Last Date
Salinity	11	1/3/2001	11/27/2001
Temperature, water	11	1/3/2001	11/27/2001

Station ID = 1092
 Station Latitude = 29.04189
 Station Longitude = -89.2708

Table 186: Available Modernized data at Station 1092

Variable	# of Samples	First Date	Last Date
Salinity	4	3/20/2001	12/4/2001
Temperature, water	4	3/20/2001	12/4/2001

Station ID = 1093
 Station Latitude = 29.1485
 Station Longitude = -89.2506

Table 187: Available Modernized data at Station 1093

Variable	# of Samples	First Date	Last Date
Salinity	4	3/20/2001	12/4/2001
Temperature, water	4	3/20/2001	12/4/2001

Station ID = 1094
 Station Latitude = 29.2002
 Station Longitude = -89.2631

Table 188: Available Modernized data at Station 1094

Variable	# of Samples	First Date	Last Date
Salinity	4	3/20/2001	12/4/2001
Temperature, water	4	3/20/2001	12/4/2001

Station ID = 1095
 Station Latitude = 29.4185
 Station Longitude = -89.2844

Table 189: Available Modernized data at Station 1095

Variable	# of Samples	First Date	Last Date
Salinity	4	3/21/2001	12/5/2001
Temperature, water	4	3/21/2001	12/5/2001

Station ID = 1096
 Station Latitude = 29.2907
 Station Longitude = -89.3503

Table 190: Available Modernized data at Station 1096

Variable	# of Samples	First Date	Last Date
Salinity	4	3/21/2001	12/5/2001
Temperature, water	4	3/21/2001	12/5/2001

Station ID = 1097
 Station Latitude = 29.2468
 Station Longitude = -89.3592

Table 191: Available Modernized data at Station 1097

Variable	# of Samples	First Date	Last Date
Salinity	4	3/21/2001	12/5/2001
Temperature, water	4	3/21/2001	12/5/2001

Station ID = 1101
 Station Latitude = 30.5571
 Station Longitude = -90.3484

Table 192: Available Modernized data at Station 1101

Variable	# of Samples	First Date	Last Date
Temperature, water	12	1/16/2001	12/11/2001

Station ID = 1102
 Station Latitude = 30.2174
 Station Longitude = -90.5995

Table 193: Available Modernized data at Station 1102

Variable	# of Samples	First Date	Last Date
Salinity	1	12/11/2001	12/11/2001
Temperature, water	12	1/16/2001	12/11/2001

Station ID = 1104
Station Latitude = 30.3376
Station Longitude = -90.2786

Table 194: Available Modernized data at Station 1104

Variable	# of Samples	First Date	Last Date
Temperature, water	12	1/9/2001	12/3/2001

Station ID = 1105
Station Latitude = 30.3188043
Station Longitude = -90.438974

Table 195: Available Modernized data at Station 1105

Variable	# of Samples	First Date	Last Date
Salinity	1	12/3/2001	12/3/2001
Temperature, water	12	1/9/2001	12/3/2001

Station ID = 1106
Station Latitude = 30.3496
Station Longitude = -90.4748

Table 196: Available Modernized data at Station 1106

Variable	# of Samples	First Date	Last Date
Temperature, water	12	1/9/2001	12/3/2001

Station ID = 1110
Station Latitude = 30.7957
Station Longitude = -90.4523

Table 197: Available Modernized data at Station 1110

Variable	# of Samples	First Date	Last Date
Temperature, water	12	1/16/2001	12/11/2001

Station ID = 1111

Station Latitude = 30.4074

Station Longitude = -90.4325

Table 198: Available Modernized data at Station 1111

Variable	# of Samples	First Date	Last Date
Salinity	6	5/8/2001	12/3/2001
Temperature, water	12	1/9/2001	12/3/2001

Station ID = 1112

Station Latitude = 30.4399

Station Longitude = -90.4828

Table 199: Available Modernized data at Station 1112

Variable	# of Samples	First Date	Last Date
Salinity	6	5/8/2001	12/3/2001
Temperature, water	12	1/9/2001	12/3/2001

Station ID = 1118

Station Latitude = 30.6381

Station Longitude = -89.8680

Table 200: Available Modernized data at Station 1118

Variable	# of Samples	First Date	Last Date
Salinity	12	1/16/2001	12/11/2001
Temperature, water	11	1/16/2001	12/11/2001

Station ID = 1121

Station Latitude = 30.4208

Station Longitude = -90.4138

Table 201: Available Modernized data at Station 1121

Variable	# of Samples	First Date	Last Date
Salinity	6	5/15/2001	12/11/2001
Temperature, water	12	1/16/2001	12/11/2001

Station ID = 11374
 Station Latitude = 30.0101
 Station Longitude = -89.9644

Table 202: Available Modernized data at Station 11374

Variable	# of Samples	First Date	Last Date
Nitrogen, Nitrite (NO ₂) + Nitrate (NO ₃) as N	1	11/5/2005	11/5/2005
Phosphorus	1	11/5/2005	11/5/2005

Station ID = 11375
 Station Latitude = 30.0093
 Station Longitude = -89.9783

Table 203: Available Modernized data at Station 11375

Variable	# of Samples	First Date	Last Date
Nitrogen, Nitrite (NO ₂) + Nitrate (NO ₃) as N	1	11/5/2005	11/5/2005
Phosphorus	1	11/5/2005	11/5/2005

Station ID = 11376
 Station Latitude = 30.0092
 Station Longitude = -89.9799

Table 204: Available Modernized data at Station 11376

Variable	# of Samples	First Date	Last Date
Nitrogen, Nitrite (NO ₂) + Nitrate (NO ₃) as N	1	11/5/2005	11/5/2005
Phosphorus	1	11/5/2005	11/5/2005

Station ID = 11377
 Station Latitude = 30.0097
 Station Longitude = -89.9773

Table 205: Available Modernized data at Station 11377

Variable	# of Samples	First Date	Last Date
Nitrogen, Nitrite (NO ₂) + Nitrate (NO ₃) as N	1	11/5/2005	11/5/2005
Phosphorus	1	11/5/2005	11/5/2005

Station ID = 11378
Station Latitude = 30.0087
Station Longitude = -89.9881

Table 206: Available Modernized data at Station 11378

Variable	# of Samples	First Date	Last Date
Nitrogen, Nitrite (NO ₂) + Nitrate (NO ₃) as N	1	11/5/2005	11/5/2005
Phosphorus	1	11/5/2005	11/5/2005

Station ID = OWW04440-0361
Station Latitude = 30.35
Station Longitude = -89.89

Table 207: Available Modernized data at Station OWW04440-0361

Variable	# of Samples	First Date	Last Date
Carbon, inorganic	1	6/20/2004	6/20/2004
Carbon, organic	1	6/20/2004	6/20/2004
Nitrogen, ammonia as N	1	6/20/2004	6/20/2004
Nitrogen, Nitrate (NO ₃) as N	1	6/20/2004	6/20/2004
Solids, Total Suspended (TSS)	1	6/20/2004	6/20/2004
Temperature, water	1	6/20/2004	6/20/2004

Station ID = OWW04440-0489
Station Latitude = 30.58
Station Longitude = -90.8

Table 208: Available Modernized data at Station OWW04440-0489

Variable	# of Samples	First Date	Last Date
Carbon, inorganic	1	6/17/2004	6/17/2004
Carbon, organic	1	6/17/2004	6/17/2004
Nitrogen, ammonia as N	1	6/17/2004	6/17/2004
Nitrogen, Nitrate (NO ₃) as N	1	6/17/2004	6/17/2004
Solids, Total Suspended (TSS)	1	6/17/2004	6/17/2004
Temperature, water	1	6/17/2004	6/17/2004

Station ID = OWW04440-1001

Station Latitude = 30.66

Station Longitude = -90.31

Table 209: Available Modernized data at Station OWW04440-1001

Variable	# of Samples	First Date	Last Date
Carbon, inorganic	1	10/30/2004	10/30/2004
Carbon, organic	1	10/30/2004	10/30/2004
Nitrogen, ammonia as N	1	10/30/2004	10/30/2004
Nitrogen, Nitrate (NO3) as N	1	10/30/2004	10/30/2004
Solids, Total Suspended (TSS)	1	10/30/2004	10/30/2004
Temperature, water	1	10/30/2004	10/30/2004

5 Louisiana Department of Environmental Quality (LA DEQ)

Overview of data

LA DEQ has many water quality monitoring stations. The full listing can be found on the accompanying data CD in the file LA DEQ/Louisiana Ambient Water Quality Sites-August 2006.xls.

This chapter of the report provides the following information: project number, assessment subsegment ID, site number, site name, lat/long, variable name, number of samples, and sample begin and end dates. The retrieved data files referenced in this chapter can be found in the folder 'LA_DEQ' on the accompanying data CD. Tables 210-276 present the data that were retrieved from the LA DEQ website.

Map of data stations

Figure 4 is a map of the LA DEQ stations. The white circles show the LA DEQ ambient water quality surface water sites; the green circles indicate the sites that were monitored due to Hurricane Katrina projects and the blue circles are those sites that were monitored due to Hurricane Rita.

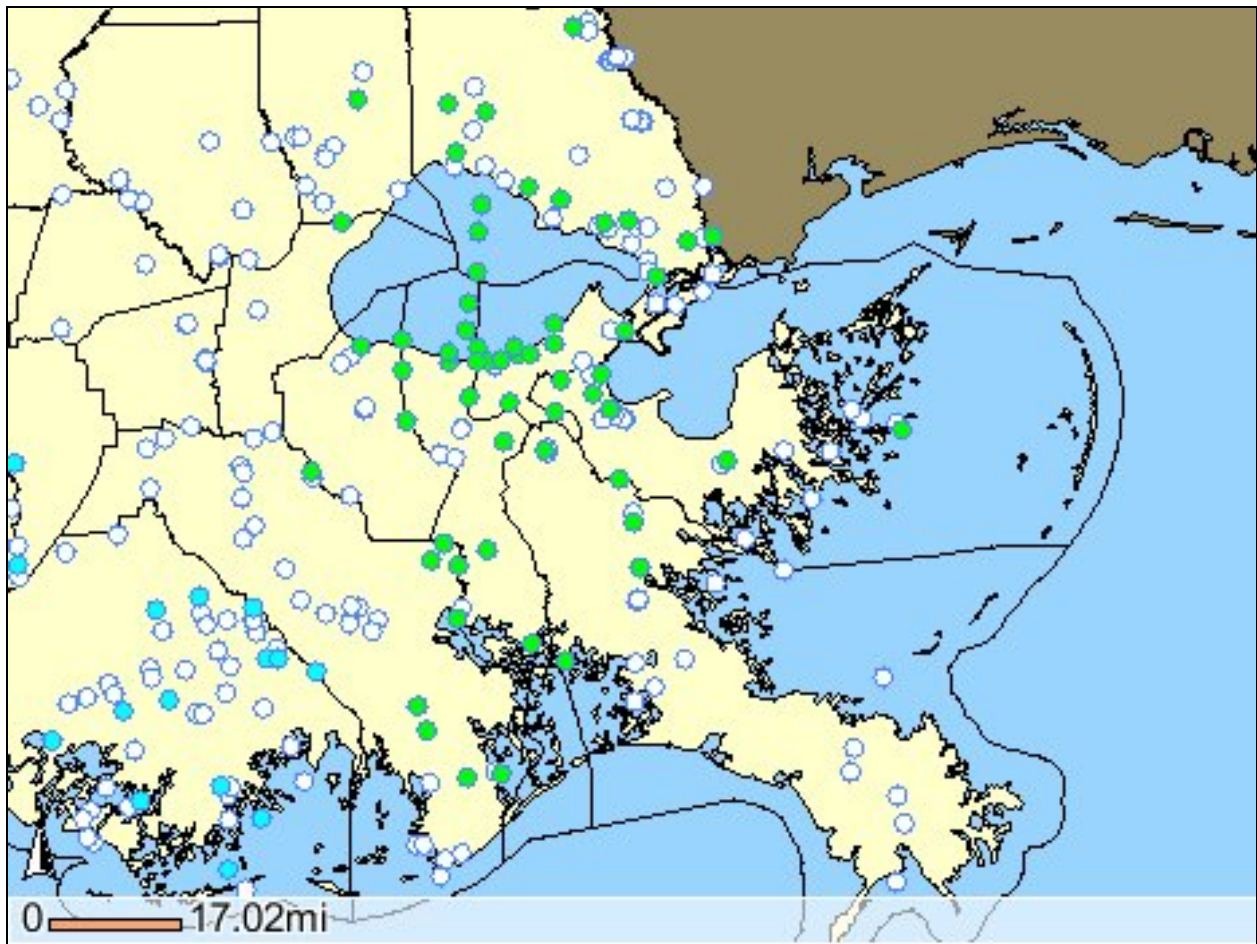


Figure 4: Map of LA DEQ stations (<http://mam.ldeq.org/mam/jsp/mapWin.jsp>)

LA DEQ data

The data in Tables 205-206 can be found on the accompanying data CD in LA DEQ/Pontchartrain - 2.xlsx.

Project Number: WQ1958001, Assessment Subsegment: LA042208_00

Site Number: 0006

Site Name: Bay Gardene (Bayou Lost) East of Pointe à la Hache, Louisiana

Latitude: 29.6, Longitude: -89.61667

Table 210: Available data at LA DEQ Site 0006

Variable	Number of Samples	First Date	Last Date
Ammonia	26	1/10/2001	12/19/2006
Dissolved Oxygen	250	3/8/1978	12/19/2006
Dissolved Oxygen, % saturation	58	3/8/1978	12/19/2006
Nitrate+Nitrite Nitrogen	253	3/8/1978	12/19/2006
Nitrogen, Kjeldahl	249	4/12/1978	12/19/2006
Phosphorus	250	3/8/1978	12/19/2006
Salinity	178	4/12/1978	12/19/2006
Total Dissolved Solids	255	3/8/1978	12/19/2006
Total Organic Carbon	232	10/9/1978	4/4/2006
Total Suspended Solids	256	3/8/1978	12/19/2006
Water Temperature	257	3/8/1978	12/19/2006

Project Number: WQ1958001, Assessment Subsegment: LA042209_00

Site Number: 1095

Site Name: Breton Sound near LLOG well head

Latitude: 29.41667, Longitude: -89.28333

Table 211: Available data at LA DEQ Site 1095

Variable	Number of Samples	First Date	Last Date
Ammonia	8	3/21/2001	7/13/2005
Dissolved Oxygen	7	3/21/2001	7/13/2005
Dissolved Oxygen, % saturation	7	3/21/2001	7/13/2005
Nitrate+Nitrite Nitrogen	8	3/21/2001	7/13/2005
Nitrogen, Kjeldahl	8	3/21/2001	7/13/2005

Phosphorus	8	3/21/2001	7/13/2005
Salinity	7	3/21/2001	7/13/2005
Total Dissolved Solids	8	3/21/2001	7/13/2005
Total Organic Carbon	8	3/21/2001	7/13/2005
Total Suspended Solids	8	3/21/2001	7/13/2005
Water Temperature	7	3/21/2001	7/13/2005

The data in Tables 212-263 can be found on the accompanying data CD in LA DEQ/Pontchartrain.xlsx.

Project Number: WQ1958001, Assessment Subsegment: LA041701_00

Site Number: 0035

Site Name: Pass Rigolets (The Rigolets) southeast of Slidell, Louisiana

Latitude: 30.1672222, Longitude: -89.733889

Table 212: Available data at LA DEQ Site 0035

Variable	Number of Samples	First Date	Last Date
Ammonia	25	1/23/2001	12/6/2006
Dissolved Oxygen	261	3/7/1978	12/6/2006
Dissolved Oxygen, % saturation	77	3/7/1978	12/6/2006
Nitrate+Nitrite Nitrogen	265	3/7/1978	12/6/2006
Nitrogen, Kjeldahl	257	3/7/1978	12/6/2006
Phosphorus	257	3/7/1978	12/6/2006
Salinity	201	3/7/1978	12/6/2006
Total Dissolved Solids	258	3/7/1978	12/6/2006
Total Organic Carbon	243	10/10/1978	4/19/2006
Total Suspended Solids	255	3/7/1978	12/6/2006
Water Temperature	265	3/7/1978	12/6/2006

Project Number: WQ1958001, Assessment Subsegment: LA040601_00
 Site Number: 0036
 Site Name: Pass Manchac at Manchac, Louisiana
 Latitude: 30.281389, Longitude: -90.414722

Table 213: Available data at LA DEQ Site 0036

Variable	Number of Samples	First Date	Last Date
Ammonia	24	1/9/2001	9/25/2007
Dissolved Oxygen	262	3/6/1978	9/25/2007
Dissolved Oxygen, % saturation	65	3/6/1978	9/25/2007
Nitrate+Nitrite Nitrogen	264	3/6/1978	9/25/2007
Nitrogen, Kjeldahl	256	3/6/1978	9/25/2007
Phosphorus	256	3/6/1978	9/25/2007
Salinity	126	3/6/1978	9/25/2007
Total Dissolved Solids	257	3/6/1978	9/25/2007
Total Organic Carbon	237	10/9/1978	12/3/2001
Total Suspended Solids	256	3/6/1978	9/25/2007
Water Temperature	263	3/6/1978	9/25/2007

Project Number: WQ1958001, Assessment Subsegment: LA040302_00
 Site Number: 0043
 Site Name: Amite River at Port Vincent, Louisiana
 Latitude: 30.3325, Longitude: -90.865833

Table 214: Available data at LA DEQ Site 0043

Variable	Number of Samples	First Date	Last Date
Ammonia	26	1/16/2001	12/6/2006
Dissolved Oxygen	260	3/6/1978	12/6/2007
Dissolved Oxygen, % saturation	134	3/6/1978	12/6/2007
Nitrate+Nitrite Nitrogen	264	3/6/1978	12/6/2007
Nitrogen, Kjeldahl	255	3/6/1978	12/6/2007
Phosphorus	255	3/6/1978	12/6/2007
Salinity	13	6/24/2001	12/6/2007
Total Dissolved Solids	257	3/6/1978	12/6/2007
Total Organic Carbon	243	10/9/1978	4/19/2006
Total Suspended Solids	258	3/6/1978	12/6/2007
Water Temperature	263	3/6/1978	12/6/2007

Project Number: WQ1958001, Assessment Subsegment: LA041702_00
 Site Number: 0109
 Site Name: Chef Menteur Pass at Chef Menteur, Louisiana
 Latitude: 30.067778, Longitude: -89.801111

Table 215: Available data at LA DEQ Site 0109

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	234	3/7/1978	5/11/1998
Dissolved Oxygen, % saturation	53	3/7/1978	8/10/1982
Nitrate+Nitrite Nitrogen	239	3/7/1978	5/11/1998
Nitrogen, Kjeldahl	230	3/7/1978	5/11/1998
Phosphorus	230	3/7/1978	5/11/1998
Salinity	179	3/7/1978	5/11/1998
Total Dissolved Solids	216	3/7/1978	5/11/1998
Total Organic Carbon	218	10/10/1978	5/11/1998
Total Suspended Solids	217	3/7/1978	5/11/1998
Water Temperature	240	3/7/1978	5/11/1998

Project Number: WQ1958001, Assessment Subsegment: LA040501_00
 Site Number: 0116
 Site Name: Tickfaw River at Springville, Louisiana
 Latitude: 30.4352778, Longitude: -90.668611

Table 216: Available data at LA DEQ Site 0116

Variable	Number of Samples	First Date	Last Date
Ammonia	135	1/12/1999	4/29/2008
Dissolved Oxygen	310	3/6/1978	4/29/2008
Dissolved Oxygen, % saturation	140	3/6/1978	4/29/2008
Nitrate+Nitrite Nitrogen	337	3/6/1978	4/29/2008
Nitrogen, Kjeldahl	327	3/6/1978	4/29/2008
Phosphorus	327	3/6/1978	4/29/2008
Salinity	69	3/14/1984	4/29/2008
Total Dissolved Solids	311	4/10/1978	4/29/2008
Total Organic Carbon	276	10/9/1978	4/18/2008
Total Suspended Solids	313	4/10/1978	4/29/2008
Water Temperature	315	3/6/1978	4/29/2008

Project Number: WQ1958001, Assessment Subsegment: LA040302_00
 Site Number: 0118
 Site Name: Amite River at Magnolia, Louisiana
 Latitude: 30.534722, Longitude: -90.968056

Table 217: Available data at LA DEQ Site 0118

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	202	1/1/1963	12/10/1990
Dissolved Oxygen, % saturation	177	1/1/1963	2/13/1989
Nitrate+Nitrite Nitrogen	148	3/6/1978	12/10/1990
Nitrogen, Kjeldahl	138	3/6/1978	12/10/1990
Phosphorus	327	3/6/1978	12/10/1990
Salinity	138	1/1/1963	12/10/1990
Total Dissolved Solids	136	5/1/1966	12/10/1990
Total Organic Carbon	127	10/9/1978	12/10/1990
Total Suspended Solids	140	5/1/1966	12/10/1990
Water Temperature	258	7/1/1958	12/10/1990

Project Number: WQ1958001, Assessment Subsegment: LA041001_00
 Site Number: 0137
 Site Name: Lake Pontchartrain (Causeway Crossover #7) near Metairie,
 Louisiana
 Latitude: 30.077222, Longitude: -90.143889

Table 218: Available data at LA DEQ Site 0137

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	183	1/13/1986	5/11/1998
Dissolved Oxygen, % saturation	1	1/13/1987	1/13/1987
Nitrate+Nitrite Nitrogen	171	1/13/1986	5/11/1998
Nitrogen, Kjeldahl	158	1/13/1986	5/11/1998
Phosphorus	158	1/13/1986	5/11/1998
Salinity	161	1/13/1986	5/11/1998
Total Dissolved Solids	168	1/13/1986	5/11/1998
Total Organic Carbon	170	1/13/1986	5/11/1998
Total Suspended Solids	165	1/13/1986	5/11/1998
Water Temperature	184	1/13/1986	5/11/1998

Project Number: WQ1958001, Assessment Subsegment: LA041001_00
 Site Number: 0138
 Site Name: Lake Pontchartrain (Causeway Crossover #4) near Metairie,
 Louisiana
 Latitude: 30.183333, Longitude: -90.116667

Table 219: Available data at LA DEQ Site 0138

Variable	Number of Samples	First Date	Last Date
Ammonia	122	1/11/1999	4/22/2008
Dissolved Oxygen	293	1/13/1986	4/22/2008
Dissolved Oxygen, % saturation	91	5/8/1998	4/22/2008
Nitrate+Nitrite Nitrogen	299	1/13/1986	4/22/2008
Nitrogen, Kjeldahl	287	1/13/1986	4/22/2008
Phosphorus	287	1/13/1986	4/22/2008
Salinity	267	1/13/1986	4/22/2008
Total Dissolved Solids	296	1/13/1986	4/22/2008
Total Organic Carbon	263	1/13/1986	4/5/2006
Total Suspended Solids	298	1/13/1986	4/22/2008
Water Temperature	296	1/13/1986	4/22/2008

Project Number: WQ1958001, Assessment Subsegment: LA041001_00
 Site Number: 0139
 Site Name: Lake Pontchartrain (Causeway Crossover #1) near Metairie,
 Louisiana
 Latitude: 30.307778, Longitude: -90.107778

Table 220: Available data at LA DEQ Site 0139

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	178	1/13/1986	5/11/1998
Nitrate+Nitrite Nitrogen	169	1/13/1986	5/11/1998
Nitrogen, Kjeldahl	155	1/13/1986	5/11/1998
Phosphorus	154	1/13/1986	4/13/1998
Salinity	161	1/13/1986	5/11/1998
Total Dissolved Solids	167	1/13/1986	5/11/1998
Total Organic Carbon	168	1/13/1986	5/11/1998
Total Suspended Solids	167	1/13/1986	5/11/1998
Water Temperature	181	1/13/1986	5/11/1998

Project Number: WQ1958001, Assessment Subsegment: LA040602_00
 Site Number: 0155
 Site Name: Mississippi Bayou north of Reserve, Louisiana
 Latitude: 30.123889, Longitude: -90.573889

Table 221: Available data at LA DEQ Site 0155

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	45	2/4/1991	4/14/1998
Nitrate+Nitrite Nitrogen	45	2/4/1991	4/14/1998
Nitrogen, Kjeldahl	45	2/4/1991	4/14/1998
Phosphorus	45	2/4/1991	4/14/1998
Salinity	25	4/11/1994	4/14/1998
Total Dissolved Solids	45	2/4/1991	4/14/1998
Total Organic Carbon	44	2/4/1991	4/14/1998
Total Suspended Solids	45	2/4/1991	4/14/1998
Water Temperature	45	2/4/1991	4/14/1998

Project Number: WQ1958001, Assessment Subsegment: LA041001_00
 Site Number: 0216
 Site Name: Lake Pontchartrain-Causeway Crossover 6 north of Metairie,
 Louisiana
 Latitude: 30.126944, Longitude: -90.143611

Table 222: Available data at LA DEQ Site 0216

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	13	8/14/1989	10/16/1990
Salinity	12	9/11/1989	10/16/1990
Water Temperature	13	8/14/1989	10/16/1990

Project Number: WQ1958001, Assessment Subsegment: LA041001_00
 Site Number: 0217
 Site Name: Lake Pontchartrain-Causeway Crossover 2 south of Mandeville, Louisiana
 Latitude: 30.2580556, Longitude: -90.1080556

Table 223: Available data at LA DEQ Site 0217

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	16	8/14/1989	10/16/1990
Salinity	15	9/11/1989	10/16/1990
Water Temperature	16	8/14/1989	10/16/1990

Project Number: WQ1958001, Assessment Subsegment: LA040303_00
 Site Number: 0228
 Site Name: Amite River at mile 6.5, at Clio, Louisiana
 Latitude: 30.308889, Longitude: -90.608889

Table 224: Available data at LA DEQ Site 0228

Variable	Number of Samples	First Date	Last Date
Ammonia	26	1/16/2001	12/19/2006
Dissolved Oxygen	23	1/16/2001	12/19/2006
Dissolved Oxygen, % saturation	13	5/15/2001	12/19/2006
Nitrate+Nitrite Nitrogen	26	1/16/2001	12/19/2006
Nitrogen, Kjeldahl	26	1/16/2001	12/19/2006
Phosphorus	26	1/16/2001	12/19/2006
Salinity	10	1/10/2006	12/19/2006
Total Dissolved Solids	26	1/16/2001	12/19/2006
Total Organic Carbon	19	1/16/2001	4/18/2006
Total Suspended Solids	26	1/16/2001	12/19/2006
Water Temperature	23	1/16/2001	12/19/2006

Project Number: WQ1958001, Assessment Subsegment: LA040402_00
 Site Number: 0268
 Site Name: Amite River Diversion Canal north of Gramercy, Louisiana
 Latitude: 30.226667, Longitude: -90.66

Table 225: Available data at LA DEQ Site 0268

Variable	Number of Samples	First Date	Last Date
Ammonia	27	1/16/2001	12/19/2006
Dissolved Oxygen	23	1/16/2001	12/19/2006
Dissolved Oxygen, % saturation	11	1/10/2006	12/19/2006
Nitrate+Nitrite Nitrogen	27	1/16/2001	12/19/2006
Nitrogen, Kjeldahl	27	1/16/2001	12/19/2006
Phosphorus	27	1/16/2001	12/19/2006
Salinity	10	1/10/2006	12/19/2006
Total Dissolved Solids	27	1/16/2001	12/19/2006
Total Organic Carbon	19	1/16/2001	4/18/2006
Total Suspended Solids	27	1/16/2001	12/19/2006
Water Temperature	23	1/16/2001	12/19/2006

Project Number: WQ1958001, Assessment Subsegment: LA040901_00
 Site Number: 0300
 Site Name: Bayou Lacombe below Highway 190, west of Slidell, Louisiana
 Latitude: 30.313056, Longitude: -89.946389

Table 226: Available data at LA DEQ Site 0300

Variable	Number of Samples	First Date	Last Date
Ammonia	25	1/16/2001	10/10/2007
Dissolved Oxygen	67	1/15/1991	10/10/2007
Dissolved Oxygen, % saturation	23	1/16/2001	10/10/2007
Nitrate+Nitrite Nitrogen	69	1/15/1991	10/10/2007
Nitrogen, Kjeldahl	69	1/15/1991	10/10/2007
Phosphorus	69	1/15/1991	10/10/2007
Salinity	40	1/7/1992	10/10/2007
Total Dissolved Solids	69	1/15/1991	10/10/2007
Total Organic Carbon	55	1/15/1991	12/1/2001
Total Suspended Solids	69	1/15/1991	10/10/2007
Water Temperature	68	1/15/1991	10/10/2007

Project Number: WQ1958001, Assessment Subsegment: LA040907_00
 Site Number: 0301
 Site Name: Bayou Bonfouca at Slidell, Louisiana
 Latitude: 30.271111, Longitude: -89.787778

Table 227: Available data at LA DEQ Site 0301

Variable	Number of Samples	First Date	Last Date
Ammonia	27	1/24/2001	10/2/2007
Dissolved Oxygen	68	1/15/1991	10/2/2007
Dissolved Oxygen, % saturation	24	1/24/2001	10/2/2007
Nitrate+Nitrite Nitrogen	71	1/15/1991	10/2/2007
Nitrogen, Kjeldahl	71	1/15/1991	10/2/2007
Phosphorus	71	1/15/1991	10/2/2007
Salinity	51	5/12/1992	10/2/2007
Total Dissolved Solids	71	1/15/1991	10/2/2007
Total Organic Carbon	56	1/15/1991	12/19/2001
Total Suspended Solids	71	1/15/1991	10/2/2007
Water Temperature	68	1/15/1991	10/2/2007

Project Number: WQ1958001, Assessment Subsegment: LA040903_00
 Site Number: 0302
 Site Name: Cane Bayou east of Mandeville, Louisiana
 Latitude: 30.3375, Longitude: -90.004167

Table 228: Available data at LA DEQ Site 0302

Variable	Number of Samples	First Date	Last Date
Ammonia	27	1/16/2001	10/10/2007
Dissolved Oxygen	66	1/15/1991	10/10/2007
Dissolved Oxygen, % saturation	22	1/16/2001	10/10/2007
Nitrate+Nitrite Nitrogen	71	1/15/1991	10/10/2007
Nitrogen, Kjeldahl	71	1/15/1991	10/10/2007
Phosphorus	71	1/15/1991	10/10/2007
Salinity	47	1/7/1992	10/10/2007
Total Dissolved Solids	71	1/15/1991	10/10/2007
Total Organic Carbon	56	1/15/1991	12/11/2001
Total Suspended Solids	71	1/15/1991	10/10/2007
Water Temperature	67	1/15/1991	10/10/2007

Project Number: WQ1958001, Assessment Subsegment: LA040904_00
 Site Number: 0303
 Site Name: Bayou Chinchuba near Mandeville, Louisiana
 Latitude: 30.37889, Longitude: -90.095556

Table 229: Available data at LA DEQ Site 0303

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	43	1/15/1991	5/11/1998
Nitrate+Nitrite Nitrogen	44	1/15/1991	5/11/1998
Nitrogen, Kjeldahl	44	1/15/1991	5/11/1998
Phosphorus	44	1/15/1991	5/11/1998
Salinity	19	11/15/1993	5/11/1998
Total Dissolved Solids	44	1/15/1991	5/11/1998
Total Organic Carbon	44	1/15/1991	5/11/1998
Total Suspended Solids	44	1/15/1991	5/11/1998
Water Temperature	44	1/15/1991	5/11/1998

Project Number: WQ1958001, Assessment Subsegment: LA041301_00
 Site Number: 0305
 Site Name: Bayou Saint John at New Orleans, Louisiana
 Latitude: 30.010833, Longitude: -90.094167

Table 230: Available data at LA DEQ Site 0305

Variable	Number of Samples	First Date	Last Date
Ammonia	31	1/2/2001	9/24/2007
Dissolved Oxygen	22	3/6/2001	9/24/2007
Dissolved Oxygen, % saturation	22	3/6/2001	9/24/2007
Nitrate+Nitrite Nitrogen	31	1/2/2001	9/24/2007
Nitrogen, Kjeldahl	31	1/2/2001	9/24/2007
Phosphorus	31	1/2/2001	9/24/2007
Salinity	20	3/6/2001	9/24/2007
Total Dissolved Solids	31	1/2/2001	9/24/2007
Total Organic Carbon	11	1/2/2001	11/27/2001
Total Suspended Solids	31	1/2/2001	9/24/2007
Water Temperature	22	3/6/2001	9/24/2007

Project Number: WQ1958001, Assessment Subsegment: LA041501_00
 Site Number: 0306
 Site Name: Inner Harbor Navigation Canal at New Orleans, Louisiana
 Latitude: 30.031111, Longitude: -90.047778

Table 231: Available data at LA DEQ Site 0306

Variable	Number of Samples	First Date	Last Date
Ammonia	23	1/2/2001	9/24/2007
Dissolved Oxygen	107	1/15/1991	9/24/2007
Dissolved Oxygen, % saturation	22	3/6/2001	9/24/2007
Nitrate+Nitrite Nitrogen	108	1/15/1991	9/24/2007
Nitrogen, Kjeldahl	108	1/15/1991	9/24/2007
Phosphorus	108	1/15/1991	9/24/2007
Salinity	68	12/15/1992	9/24/2007
Total Dissolved Solids	107	1/15/1991	9/24/2007
Total Organic Carbon	95	1/15/1991	9/24/2007
Total Suspended Solids	107	1/15/1991	9/24/2007
Water Temperature	107	1/15/1991	9/24/2007

Project Number: WQ1958001, Assessment Subsegment: LA041801_00
 Site Number: 0307
 Site Name: Bayou Bienvenue north of Chalmette, Louisiana
 Latitude: 29.981667, Longitude: -89.948333

Table 232: Available data at LA DEQ Site 0307

Variable	Number of Samples	First Date	Last Date
Ammonia	28	1/23/2001	12/5/2006
Dissolved Oxygen	68	2/4/1991	12/5/2006
Dissolved Oxygen, % saturation	25	1/23/2001	12/5/2006
Nitrate+Nitrite Nitrogen	72	2/4/1991	12/5/2006
Nitrogen, Kjeldahl	72	2/4/1991	12/5/2006
Phosphorus	72	2/4/1991	12/5/2006
Salinity	61	4/6/1992	12/5/2006
Total Dissolved Solids	72	2/4/1991	12/5/2006
Total Organic Carbon	61	2/4/1991	4/18/2006
Total Suspended Solids	72	2/4/1991	12/5/2006
Water Temperature	69	2/4/1991	12/5/2006

Project Number: WQ1958001, Assessment Subsegment: LA041803_00
 Site Number: 0638
 Site Name: Tchefuncte River south of Madisonville, Louisiana
 Latitude: 30.378333, Longitude: -90.161667

Table 233: Available data at LA DEQ Site 0638

Variable	Number of Samples	First Date	Last Date
Ammonia	25	1/23/2001	9/26/2007
Dissolved Oxygen	24	1/23/2001	9/26/2007
Dissolved Oxygen, % saturation	24	1/23/2001	9/26/2007
Nitrate+Nitrite Nitrogen	25	1/23/2001	9/26/2007
Nitrogen, Kjeldahl	25	1/23/2001	9/26/2007
Phosphorus	25	1/23/2001	9/26/2007
Salinity	24	1/23/2001	9/26/2007
Total Dissolved Solids	25	1/23/2001	9/26/2007
Total Organic Carbon	18	1/23/2001	12/18/2001
Total Suspended Solids	25	1/23/2001	9/26/2007
Water Temperature	24	1/23/2001	9/26/2007

Project Number: WQ1958001, Assessment Subsegment: LA042102_00
 Site Number: 0745
 Site Name: Bayou Boue East of Pointe a la Hache, Louisiana
 Latitude: 29.599722, Longitude: -89.699722

Table 234: Available data at LA DEQ Site 0745

Variable	Number of Samples	First Date	Last Date
Ammonia	1	4/13/1999	4/13/1999
Dissolved Oxygen	1	4/13/1999	4/13/1999
Dissolved Oxygen, % saturation	1	4/13/1999	4/13/1999
Nitrate+Nitrite Nitrogen	1	4/13/1999	4/13/1999
Nitrogen, Kjeldahl	1	4/13/1999	4/13/1999
Phosphorus	1	4/13/1999	4/13/1999
Total Dissolved Solids	1	4/13/1999	4/13/1999
Total Organic Carbon	1	4/13/1999	4/13/1999
Total Suspended Solids	1	4/13/1999	4/13/1999
Water Temperature	1	4/13/1999	4/13/1999

Project Number: WQ1958001, Assessment Subsegment: LA040911_00
 Site Number: 1043
 Site Name: Unnamed Canal at 450 Eden Isles Drive, Slidell, Louisiana
 Latitude: 30.2275, Longitude: -89.794167

Table 235: Available data at LA DEQ Site 1043

Variable	Number of Samples	First Date	Last Date
Ammonia	26	1/16/2001	9/26/2007
Dissolved Oxygen	24	1/16/2001	9/26/2007
Dissolved Oxygen, % saturation	23	1/16/2001	9/26/2007
Nitrate+Nitrite Nitrogen	27	1/16/2001	9/26/2007
Nitrogen, Kjeldahl	27	1/16/2001	9/26/2007
Phosphorus	27	1/16/2001	9/26/2007
Salinity	24	1/16/2001	9/26/2007
Total Dissolved Solids	27	1/16/2001	9/26/2007
Total Organic Carbon	12	1/16/2001	12/11/2001
Total Suspended Solids	27	1/16/2001	9/26/2007
Water Temperature	24	1/16/2001	9/26/2007

Project Number: WQ1958001, Assessment Subsegment: LA040910_00
 Site Number: 1044
 Site Name: Salt Bayou at Hwy. 433 boat launch
 Latitude: 30.1956, Longitude: -89.79222

Table 236: Available data at LA DEQ Site 1044

Variable	Number of Samples	First Date	Last Date
Ammonia	25	1/16/2001	9/26/2007
Dissolved Oxygen	24	1/16/2001	9/26/2007
Dissolved Oxygen, % saturation	24	1/16/2001	9/26/2007
Nitrate+Nitrite Nitrogen	25	1/16/2001	9/26/2007
Nitrogen, Kjeldahl	25	1/16/2001	9/26/2007
Phosphorus	25	1/16/2001	9/26/2007
Salinity	24	1/16/2001	9/26/2007
Total Dissolved Solids	25	1/16/2001	9/26/2007
Total Organic Carbon	12	1/16/2001	12/11/2001
Total Suspended Solids	25	1/16/2001	9/26/2007
Water Temperature	24	1/16/2001	9/26/2007

Project Number: WQ1958001, Assessment Subsegment: LA040909_00
 Site Number: 1045
 Site Name: W-14 Canal at Voters Road Bridge, Slidell, Louisiana
 Latitude: 30.257222, Longitude: -89.757222

Table 237: Available data at LA DEQ Site 1045

Variable	Number of Samples	First Date	Last Date
Ammonia	24	1/16/2001	9/26/2007
Dissolved Oxygen	24	1/16/2001	9/26/2007
Dissolved Oxygen, % saturation	24	1/16/2001	9/26/2007
Nitrate+Nitrite Nitrogen	24	1/16/2001	9/26/2007
Nitrogen, Kjeldahl	24	1/16/2001	9/26/2007
Phosphorus	24	1/16/2001	9/26/2007
Salinity	24	1/16/2001	9/26/2007
Total Dissolved Solids	24	1/16/2001	9/26/2007
Total Organic Carbon	12	1/16/2001	12/11/2001
Total Suspended Solids	24	1/16/2001	9/26/2007
Water Temperature	24	1/16/2001	9/26/2007

Project Number: WQ1958001, Assessment Subsegment: LA040904_00
 Site Number: 1046
 Site Name: Bayou Castine at Prieto Marina
 Latitude: 30.350278, Longitude: -90.050278

Table 238: Available data at LA DEQ Site 1046

Variable	Number of Samples	First Date	Last Date
Ammonia	27	1/16/2001	10/10/2007
Dissolved Oxygen	22	1/16/2001	10/10/2007
Dissolved Oxygen, % saturation	22	1/16/2001	10/10/2007
Nitrate+Nitrite Nitrogen	27	1/16/2001	10/10/2007
Nitrogen, Kjeldahl	27	1/16/2001	10/10/2007
Phosphorus	27	1/16/2001	10/10/2007
Salinity	23	1/16/2001	10/10/2007
Total Dissolved Solids	27	1/16/2001	10/10/2007
Total Organic Carbon	12	1/16/2001	12/11/2001
Total Suspended Solids	27	1/16/2001	10/10/2007
Water Temperature	23	1/16/2001	10/10/2007

Project Number: WQ1958001, Assessment Subsegment: LA040902_00
 Site Number: 1047
 Site Name: Bayou Lacombe at Hwy. 434 Bridge
 Latitude: 30.279444, Longitude: -89.962778

Table 239: Available data at LA DEQ Site 1047

Variable	Number of Samples	First Date	Last Date
Ammonia	25	1/16/2001	10/10/2007
Dissolved Oxygen	23	1/16/2001	10/10/2007
Dissolved Oxygen, % saturation	23	1/16/2001	10/10/2007
Nitrate+Nitrite Nitrogen	25	1/16/2001	10/10/2007
Nitrogen, Kjeldahl	25	1/16/2001	10/10/2007
Phosphorus	25	1/16/2001	10/10/2007
Salinity	23	1/16/2001	10/10/2007
Total Dissolved Solids	26	1/16/2001	10/10/2007
Total Organic Carbon	12	1/16/2001	12/11/2001
Total Suspended Solids	26	1/16/2001	10/10/2007
Water Temperature	23	1/16/2001	10/10/2007

Project Number: WQ1958001, Assessment Subsegment: LA041702_00
 Site Number: 1052
 Site Name: Bayou Sauvage at Lombards boat launch, Hwy. 90
 Latitude: 30.070278, Longitude: -89.836944

Table 240: Available data at LA DEQ Site 1052

Variable	Number of Samples	First Date	Last Date
Ammonia	28	1/16/2001	9/26/2007
Dissolved Oxygen	24	1/16/2001	9/26/2007
Dissolved Oxygen, % saturation	24	1/16/2001	9/26/2007
Nitrate+Nitrite Nitrogen	28	1/16/2001	9/26/2007
Nitrogen, Kjeldahl	28	1/16/2001	9/26/2007
Phosphorus	28	1/16/2001	9/26/2007
Salinity	24	1/16/2001	9/26/2007
Total Dissolved Solids	28	1/16/2001	9/26/2007
Total Organic Carbon	12	1/16/2001	12/11/2001
Total Suspended Solids	28	1/16/2001	9/26/2007
Water Temperature	23	1/16/2001	9/26/2007

Project Number: WQ1958001, Assessment Subsegment: LA042002_00
Site Numbers: 1062 AND 1063
Site Name: Bayou Bienvenue, Louisiana
Latitude: 29.989444, Longitude: -89.856111

Table 241: Available data at LA DEQ Site 1062 and Site 1063

Variable	Number of Samples	First Date	Last Date
Ammonia	25	1/23/2001	12/5/2006
Dissolved Oxygen	24	1/23/2001	12/5/2006
Dissolved Oxygen, % saturation	24	1/23/2001	12/5/2006
Nitrate+Nitrite Nitrogen	24	1/23/2001	12/5/2006
Nitrogen, Kjeldahl	25	1/23/2001	12/5/2006
Phosphorus	25	1/23/2001	12/5/2006
Salinity	23	1/23/2001	12/5/2006
Total Dissolved Solids	25	1/23/2001	12/5/2006
Total Organic Carbon	17	1/23/2001	4/18/2006
Total Suspended Solids	25	1/23/2001	12/5/2006
Water Temperature	24	1/23/2001	12/5/2006

Project Number: WQ1958001, Assessment Subsegment: LA041601_00
 Site Number: 1064
 Site Name: Intracoastal Waterway at New Orleans Public Service gas pipe-
 line crossing
 Latitude: 30.015, Longitude: -89.898333

Table 242: Available data at LA DEQ Site 1064

Variable	Number of Samples	First Date	Last Date
Ammonia	25	1/23/2001	12/5/2006
Dissolved Oxygen	24	1/23/2001	12/5/2006
Dissolved Oxygen, % saturation	24	1/23/2001	12/5/2006
Nitrate+Nitrite Nitrogen	24	1/23/2001	12/5/2006
Nitrogen, Kjeldahl	25	1/23/2001	12/5/2006
Phosphorus	25	1/23/2001	12/5/2006
Salinity	23	1/23/2001	12/5/2006
Total Dissolved Solids	25	1/23/2001	12/5/2006
Total Organic Carbon	17	1/23/2001	4/18/2006
Total Suspended Solids	25	1/23/2001	12/5/2006
Water Temperature	24	1/23/2001	12/5/2006

Project Number: WQ1958001, Assessment Subsegment: LA041805_00
 Site Number: 1068
 Site Name: Violet Canal near New Canal
 Latitude: 29.9075, Longitude: -89.8575

Table 243: Available data at LA DEQ Site 1068

Variable	Number of Samples	First Date	Last Date
Ammonia	24	1/17/2001	10/10/2007
Dissolved Oxygen	24	1/17/2001	10/10/2007
Dissolved Oxygen, % saturation	24	1/17/2001	10/10/2007
Nitrate+Nitrite Nitrogen	24	1/17/2001	10/10/2007
Nitrogen, Kjeldahl	24	1/17/2001	10/10/2007
Phosphorus	24	1/17/2001	10/10/2007
Salinity	24	1/17/2001	10/10/2007
Total Dissolved Solids	24	1/17/2001	10/10/2007
Total Organic Carbon	12	1/17/2001	12/12/2001

Total Suspended Solids	24	1/17/2001	10/10/2007
Water Temperature	24	1/17/2001	10/10/2007

Project Number: WQ1958001, Assessment Subsegment: LA041805_00
Site Number: 1069
Site Name: Bayou Dupre adjacent to Toca loading dock
Latitude: 29.9258, Longitude: -89.8425

Table 244: Available data at LA DEQ Site 1069

Variable	Number of Samples	First Date	Last Date
Ammonia	24	1/17/2001	10/10/2007
Dissolved Oxygen	24	1/17/2001	10/10/2007
Dissolved Oxygen, % saturation	24	1/17/2001	10/10/2007
Nitrate+Nitrite Nitrogen	24	1/17/2001	10/10/2007
Nitrogen, Kjeldahl	24	1/17/2001	10/10/2007
Phosphorus	24	1/17/2001	10/10/2007
Salinity	24	1/17/2001	10/10/2007
Total Dissolved Solids	24	1/17/2001	10/10/2007
Total Organic Carbon	12	1/17/2001	12/12/2001
Total Suspended Solids	24	1/17/2001	10/10/2007
Water Temperature	24	1/17/2001	10/10/2007

Project Number: WQ1958001, Assessment Subsegment: LA041704_00
Site Number: 1072
Site Name: Lake St. Catherine, Louisiana
Latitude: 30.116667, Longitude: -89.733333

Table 245: Available data at LA DEQ Site 1072

Variable	Number of Samples	First Date	Last Date
Ammonia	24	2/20/2001	12/6/2006
Dissolved Oxygen	24	1/23/2001	12/6/2006
Dissolved Oxygen, % saturation	23	2/20/2001	12/6/2006
Nitrate+Nitrite Nitrogen	25	1/23/2001	12/6/2006
Nitrogen, Kjeldahl	25	1/23/2001	12/6/2006
Phosphorus	25	1/23/2001	12/6/2006
Salinity	24	1/23/2001	12/6/2006
Total Dissolved Solids	25	1/23/2001	12/6/2006

Total Organic Carbon	17	1/23/2001	4/19/2006
Total Suspended Solids	25	1/23/2001	12/6/2006
Water Temperature	24	1/23/2001	12/6/2006

Project Number: WQ1958001, Assessment Subsegment: LA041703_00
Site Number: 1073
Site Name: Intracoastal Waterway at intersection with unknown pass
Latitude: 30.113333, Longitude: -89.696667

Table 246: Available data at LA DEQ Site 1073

Variable	Number of Samples	First Date	Last Date
Ammonia	24	2/20/2001	12/6/2006
Dissolved Oxygen	24	1/23/2001	12/6/2006
Dissolved Oxygen, % saturation	23	2/20/2001	12/6/2006
Nitrate+Nitrite Nitrogen	25	1/23/2001	12/6/2006
Nitrogen, Kjeldahl	25	1/23/2001	12/6/2006
Phosphorus	25	1/23/2001	12/6/2006
Salinity	24	1/23/2001	12/6/2006
Total Dissolved Solids	25	1/23/2001	12/6/2006
Total Organic Carbon	17	1/23/2001	4/19/2006
Total Suspended Solids	25	1/23/2001	12/6/2006
Water Temperature	24	1/23/2001	12/6/2006

Project Number: WQ1958001, Assessment Subsegment: LA042001_00
Site Number: 1074
Site Name: Lake Borgne near mouth of Blind Rigolets
Latitude: 30.136111, Longitude: -89.636111

Table 247: Available data at LA DEQ Site 1074

Variable	Number of Samples	First Date	Last Date
Ammonia	23	2/20/2001	12/6/2006
Dissolved Oxygen	23	1/23/2001	12/6/2006
Dissolved Oxygen, % saturation	22	2/20/2001	12/6/2006
Nitrate+Nitrite Nitrogen	24	1/23/2001	12/6/2006
Nitrogen, Kjeldahl	24	1/23/2001	12/6/2006
Phosphorus	24	1/23/2001	12/6/2006
Salinity	23	1/23/2001	12/6/2006

Total Dissolved Solids	24	1/23/2001	12/6/2006
Total Organic Carbon	17	1/23/2001	4/19/2006
Total Suspended Solids	24	1/23/2001	12/6/2006
Water Temperature	23	1/23/2001	12/6/2006

Project Number: WQ1958001, Assessment Subsegment: LA041002_00

Site Number: 1075

Site Name: Lake Pontchartrain south of Treasure Isle channel marker #6

Latitude: 30.1763889, Longitude: -89.759722

Table 248: Available data at LA DEQ Site 1075

Variable	Number of Samples	First Date	Last Date
Ammonia	26	2/20/2001	12/6/2006
Dissolved Oxygen	25	1/23/2001	12/6/2006
Dissolved Oxygen, % saturation	24	2/20/2001	12/6/2006
Nitrate+Nitrite Nitrogen	27	1/23/2001	12/6/2006
Nitrogen, Kjeldahl	27	1/23/2001	12/6/2006
Phosphorus	27	1/23/2001	12/6/2006
Salinity	25	1/23/2001	12/6/2006
Total Dissolved Solids	27	1/23/2001	12/6/2006
Total Organic Carbon	18	1/23/2001	4/19/2006
Total Suspended Solids	27	1/23/2001	12/6/2006
Water Temperature	25	1/23/2001	12/6/2006

Project Number: WQ1958001, Assessment Subsegment: LA040908_00

Site Number: 1078

Site Name: Bayou Bonfouca, 3.2 miles South of Hwy. 433

Latitude: 30.256944, Longitude: -89.840278

Table 249: Available data at LA DEQ Site 1078

Variable	Number of Samples	First Date	Last Date
Ammonia	24	2/21/2001	10/2/2007
Dissolved Oxygen	24	1/24/2001	10/2/2007
Dissolved Oxygen, % saturation	23	2/21/2001	10/2/2007
Nitrate+Nitrite Nitrogen	25	1/24/2001	10/2/2007
Nitrogen, Kjeldahl	25	1/24/2001	10/2/2007
Phosphorus	25	1/24/2001	10/2/2007

Salinity	24	1/24/2001	10/2/2007
Total Dissolved Solids	25	1/24/2001	10/2/2007
Total Organic Carbon	12	1/24/2001	12/19/2001
Total Suspended Solids	25	1/24/2001	10/2/2007
Water Temperature	24	1/24/2001	10/2/2007

Project Number: WQ1958001, Assessment Subsegment: LA042202_00

Site Number: 1082

Site Name: Breton Sound near Mozambique Point

Latitude: 29.62, Longitude: -89.486667

Table 250: Available data at LA DEQ Site 1082

Variable	Number of Samples	First Date	Last Date
Ammonia	25	1/10/2001	12/19/2006
Dissolved Oxygen	24	2/6/2001	12/19/2006
Dissolved Oxygen, % saturation	25	1/10/2001	12/19/2006
Nitrate+Nitrite Nitrogen	24	2/6/2001	12/19/2006
Nitrogen, Kjeldahl	24	2/6/2001	12/19/2006
Phosphorus	24	2/6/2001	12/19/2006
Salinity	24	2/6/2001	12/19/2006
Total Dissolved Solids	24	2/6/2001	12/19/2006
Total Organic Carbon	15	2/6/2001	4/4/2006
Total Suspended Solids	24	2/6/2001	12/19/2006
Water Temperature	24	2/6/2001	12/19/2006

Project Number: WQ1958001, Assessment Subsegment: LA042207_00

Site Number: 1083

Site Name: Lake Calebasse

Latitude: 29.680278, Longitude: -89.563611

Table 251: Available data at LA DEQ Site 1083

Variable	Number of Samples	First Date	Last Date
Ammonia	27	1/10/2001	12/19/2006
Dissolved Oxygen	24	1/10/2001	12/19/2006
Dissolved Oxygen, % saturation	24	1/10/2001	12/19/2006
Nitrate+Nitrite Nitrogen	27	1/10/2001	12/19/2006
Nitrogen, Kjeldahl	27	1/10/2001	12/19/2006

Phosphorus	27	1/10/2001	12/19/2006
Salinity	24	1/10/2001	12/19/2006
Total Dissolved Solids	27	1/10/2001	12/19/2006
Total Organic Carbon	16	1/10/2001	4/4/2006
Total Suspended Solids	27	1/10/2001	12/19/2006
Water Temperature	24	1/10/2001	12/19/2006

Project Number: WQ1958001, Assessment Subsegment: LA042101_00
Site Number: 1084
Site Name: Bayou Loutre at Breton Sound Marina
Latitude: 29.817778, Longitude: -89.601111

Table 252: Available data at LA DEQ Site 1084

Variable	Number of Samples	First Date	Last Date
Ammonia	25	1/2/2001	12/13/2006
Dissolved Oxygen	23	1/2/2001	12/13/2006
Dissolved Oxygen, % saturation	23	1/2/2001	12/13/2006
Nitrate+Nitrite Nitrogen	25	1/2/2001	12/13/2006
Nitrogen, Kjeldahl	25	1/2/2001	12/13/2006
Phosphorus	25	1/2/2001	12/13/2006
Salinity	23	1/2/2001	12/13/2006
Total Dissolved Solids	25	1/2/2001	12/13/2006
Total Organic Carbon	17	1/2/2001	4/25/2006
Total Suspended Solids	25	1/2/2001	12/13/2006
Water Temperature	23	1/2/2001	12/13/2006

Project Number: WQ1958001, Assessment Subsegment: LA041901_00
Site Number: 1085
Site Name: Mississippi River Gulf Outlet at marker #94
Latitude: 29.825278, Longitude: -89.591944

Table 253: Available data at LA DEQ Site 1085

Variable	Number of Samples	First Date	Last Date
Ammonia	25	1/2/2001	12/13/2006
Dissolved Oxygen	24	1/2/2001	12/13/2006
Dissolved Oxygen, % saturation	24	1/2/2001	12/13/2006
Nitrate+Nitrite Nitrogen	25	1/2/2001	12/13/2006

Nitrogen, Kjeldahl	25	1/2/2001	12/13/2006
Phosphorus	25	1/2/2001	12/13/2006
Salinity	24	1/2/2001	12/13/2006
Total Dissolved Solids	25	1/2/2001	12/13/2006
Total Organic Carbon	16	1/2/2001	4/25/2006
Total Suspended Solids	25	1/2/2001	12/13/2006
Water Temperature	24	1/2/2001	12/13/2006

Project Number: WQ1958001, Assessment Subsegment: LA042003_00

Site Number: 1086

Site Name: Bayou Loutre near Mississippi River Gulf Outlet

Latitude: 29.840556, Longitude: -89.473889

Table 254: Available data at LA DEQ Site 1086

Variable	Number of Samples	First Date	Last Date
Ammonia	25	1/2/2001	12/13/2006
Dissolved Oxygen	23	1/2/2001	12/13/2006
Dissolved Oxygen, % saturation	23	1/2/2001	12/13/2006
Nitrate+Nitrite Nitrogen	25	1/2/2001	12/13/2006
Nitrogen, Kjeldahl	25	1/2/2001	12/13/2006
Phosphorus	25	1/2/2001	12/13/2006
Salinity	23	1/2/2001	12/13/2006
Total Dissolved Solids	25	1/2/2001	12/13/2006
Total Organic Carbon	16	1/2/2001	4/25/2006
Total Suspended Solids	25	1/2/2001	12/13/2006
Water Temperature	23	1/2/2001	12/13/2006

Project Number: WQ1958001, Assessment Subsegment: LA042206_00

Site Number: 1087

Site Name: Eloi Bay near Mississippi River Gulf Outlet marker #76, LA

Latitude: 29.749722, Longitude: -89.4330556

Table 255: Available data at LA DEQ Site 1087

Variable	Number of Samples	First Date	Last Date
Ammonia	23	1/2/2001	12/13/2006
Dissolved Oxygen	23	1/2/2001	12/13/2006
Dissolved Oxygen, % saturation	23	1/2/2001	12/13/2006

Nitrate+Nitrite Nitrogen	23	1/2/2001	12/13/2006
Nitrogen, Kjeldahl	23	1/2/2001	12/13/2006
Phosphorus	23	1/2/2001	12/13/2006
Salinity	23	1/2/2001	12/13/2006
Total Dissolved Solids	23	1/2/2001	12/13/2006
Total Organic Carbon	16	1/2/2001	4/25/2006
Total Suspended Solids	23	1/2/2001	12/13/2006
Water Temperature	23	1/2/2001	12/13/2006

Project Number: WQ1958001, Assessment Subsegment: LA042205_00

Site Number: 1088

Site Name: Morgan Harbor, Louisiana

Latitude: 29.836111, Longitude: -89.369444

Table 256: Available data at LA DEQ Site 1088

Variable	Number of Samples	First Date	Last Date
Ammonia	26	1/3/2001	9/26/2007
Dissolved Oxygen	23	1/3/2001	9/26/2007
Dissolved Oxygen, % saturation	23	1/3/2001	9/26/2007
Nitrate+Nitrite Nitrogen	26	1/3/2001	9/26/2007
Nitrogen, Kjeldahl	26	1/3/2001	9/26/2007
Phosphorus	26	1/3/2001	9/26/2007
Salinity	24	1/3/2001	9/26/2007
Total Dissolved Solids	26	1/3/2001	9/26/2007
Total Organic Carbon	11	1/3/2001	11/27/2001
Total Suspended Solids	26	1/3/2001	9/26/2007
Water Temperature	23	1/3/2001	9/26/2007

Project Number: WQ1958001, Assessment Subsegment: LA042203_00

Site Number: 1089

Site Name: Bay Boudreau 5.18 nautical miles from Morgan Harbor

Latitude: 29.911389, Longitude: -89.344722

Table 257: Available data at LA DEQ Site 1089

Variable	Number of Samples	First Date	Last Date
Ammonia	23	1/3/2001	9/26/2007
Dissolved Oxygen	23	1/3/2001	9/26/2007

Dissolved Oxygen, % saturation	23	1/3/2001	9/26/2007
Nitrate+Nitrite Nitrogen	23	1/3/2001	9/26/2007
Nitrogen, Kjeldahl	23	1/3/2001	9/26/2007
Phosphorus	23	1/3/2001	9/26/2007
Salinity	22	3/7/2001	9/26/2007
Total Dissolved Solids	23	1/3/2001	9/26/2007
Total Organic Carbon	11	1/3/2001	11/27/2001
Total Suspended Solids	23	1/3/2001	9/26/2007
Water Temperature	23	1/3/2001	9/26/2007

Project Number: WQ1958001, Assessment Subsegment: LA042201_00
Site Number: 1090
Site Name: Point Lydia, Louisiana (Chandeleur Sound)
Latitude: 29.884167, Longitude: -89.234167

Table 258: Available data at LA DEQ Site 1090

Variable	Number of Samples	First Date	Last Date
Ammonia	24	1/3/2001	9/26/2007
Dissolved Oxygen	23	1/3/2001	9/26/2007
Dissolved Oxygen, % saturation	23	1/3/2001	9/26/2007
Nitrate+Nitrite Nitrogen	24	1/3/2001	9/26/2007
Nitrogen, Kjeldahl	24	1/3/2001	9/26/2007
Phosphorus	24	1/3/2001	9/26/2007
Salinity	23	3/7/2001	9/26/2007
Total Dissolved Solids	24	1/3/2001	9/26/2007
Total Organic Carbon	11	1/3/2001	11/27/2001
Total Suspended Solids	24	1/3/2001	9/26/2007
Water Temperature	23	1/3/2001	9/26/2007

Project Number: WQ1958001, Assessment Subsegment: LA042204_00
 Site Number: 1091
 Site Name: Drum Bay, Louisiana
 Latitude: 29.893056, Longitude: -89.309722

Table 259: Available data at LA DEQ Site 1091

Variable	Number of Samples	First Date	Last Date
Ammonia	27	1/3/2001	9/26/2007
Dissolved Oxygen	23	1/3/2001	9/26/2007
Dissolved Oxygen, % saturation	23	1/3/2001	9/26/2007
Nitrate+Nitrite Nitrogen	27	1/3/2001	9/26/2007
Nitrogen, Kjeldahl	27	1/3/2001	9/26/2007
Phosphorus	27	1/3/2001	9/26/2007
Salinity	23	3/7/2001	9/26/2007
Total Dissolved Solids	27	1/3/2001	9/26/2007
Total Organic Carbon	11	1/3/2001	11/27/2001
Total Suspended Solids	27	1/3/2001	9/26/2007
Water Temperature	23	1/3/2001	9/26/2007

Project Number: WQ1958001, Assessment Subsegment: LA040401_00
 Site Number: 1102
 Site Name: Blind River near confluence with Lake Maurepas
 Latitude: 30.216667, Longitude: -90.583333

Table 260: Available data at LA DEQ Site 1102

Variable	Number of Samples	First Date	Last Date
Ammonia	26	1/16/2001	12/19/2006
Dissolved Oxygen	23	1/16/2001	12/19/2006
Dissolved Oxygen, % saturation	11	1/10/2006	12/19/2006
Nitrate+Nitrite Nitrogen	26	1/16/2001	12/19/2006
Nitrogen, Kjeldahl	26	1/16/2001	12/19/2006
Phosphorus	26	1/16/2001	12/19/2006
Salinity	11	12/11/2001	12/19/2006
Total Dissolved Solids	26	1/16/2001	12/19/2006
Total Organic Carbon	19	1/16/2001	4/18/2006
Total Suspended Solids	26	1/16/2001	12/19/2006
Water Temperature	23	1/16/2001	12/19/2006

Project Number: WQ1958001, Assessment Subsegment: LA040702_00
 Site Number: 1104
 Site Name: Tangipahoa River near Lake Pontchartrain
 Latitude: 30.3375, Longitude: -90.270833

Table 261: Available data at LA DEQ Site 1104

Variable	Number of Samples	First Date	Last Date
Ammonia	24	1/9/2001	9/25/2007
Dissolved Oxygen	24	1/9/2001	9/25/2007
Dissolved Oxygen, % saturation	12	1/22/2007	9/25/2007
Nitrate+Nitrite Nitrogen	24	1/9/2001	9/25/2007
Nitrogen, Kjeldahl	24	1/9/2001	9/25/2007
Phosphorus	24	1/9/2001	9/25/2007
Salinity	12	1/22/2007	9/25/2007
Total Dissolved Solids	24	1/9/2001	9/25/2007
Total Organic Carbon	12	1/9/2001	12/3/2001
Total Suspended Solids	24	1/9/2001	9/25/2007
Water Temperature	24	1/9/2001	9/25/2007

Project Number: WQ1958001, Assessment Subsegment: LA040602_00
 Site Number: 1105
 Site Name: Lake Maurepas
 Latitude: 30.318611, Longitude: -90.435278

Table 262: Available data at LA DEQ Site 1105

Variable	Number of Samples	First Date	Last Date
Ammonia	24	1/9/2001	9/25/2007
Dissolved Oxygen	24	1/9/2001	9/25/2007
Dissolved Oxygen, % saturation	12	1/22/2007	9/25/2007
Nitrate+Nitrite Nitrogen	24	1/9/2001	9/25/2007
Nitrogen, Kjeldahl	24	1/9/2001	9/25/2007
Phosphorus	24	1/9/2001	9/25/2007
Salinity	13	12/3/2001	9/25/2007
Total Dissolved Solids	24	1/9/2001	9/25/2007
Total Organic Carbon	12	1/9/2001	12/3/2001
Total Suspended Solids	24	1/9/2001	9/25/2007
Water Temperature	24	1/9/2001	9/25/2007

Project Number: WQ1958001, Assessment Subsegment: LA040502_00
 Site Number: 1106
 Site Name: Tickfaw River near Lake Maurepas
 Latitude: 30.349444, Longitude: -90.482778

Table 263: Available data at LA DEQ Site 1106

Variable	Number of Samples	First Date	Last Date
Ammonia	32	1/9/2001	9/25/2007
Dissolved Oxygen	24	1/9/2001	9/25/2007
Dissolved Oxygen, % saturation	12	1/22/2007	9/25/2007
Nitrate+Nitrite Nitrogen	32	1/9/2001	9/25/2007
Nitrogen, Kjeldahl	32	1/9/2001	9/25/2007
Phosphorus	32	1/9/2001	9/25/2007
Salinity	12	1/22/2007	9/25/2007
Total Dissolved Solids	32	1/9/2001	9/25/2007
Total Organic Carbon	12	1/9/2001	12/3/2001
Total Suspended Solids	32	1/9/2001	9/25/2007
Water Temperature	24	1/9/2001	9/25/2007

The data found in Tables 264-276 can be found on the data CD in LA DEQ/Pontchartrain - 3.xlsx.

Project Number: WQ1958001, Assessment Subsegment: LA090101_00
 Site Number: 0012
 Site Name: Pearl River east of Bogalusa, Louisiana
 Latitude: 30.793056, Longitude: -89.826389

Table 264: Available data at LA DEQ Site 0012

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	415	1/1/1963	5/11/1998
Dissolved Oxygen, % saturation	227	1/1/1963	8/9/1982
Nitrate+Nitrite Nitrogen	237	3/6/1978	5/11/1998
Nitrogen, Kjeldahl	230	3/6/1978	5/11/1998
Phosphorus	230	3/6/1978	5/11/1998
Salinity	2	4/4/1995	7/11/1995
Total Dissolved Solids	335	5/1/1966	5/11/1998
Total Organic Carbon	224	10/9/1978	5/11/1998

Total Suspended Solids	361	5/1/1966	5/11/1998
Water Temperature	471	7/1/1958	5/11/1998

Project Number: WQ1958001, Assessment Subsegment: LA090103_00
Site Number: 0032
Site Name: Pearl River (East) at Pearlington, Mississippi
Latitude: 30.237778, Longitude: -89.604444

Table 265: Available data at LA DEQ Site 0032

Variable	Number of Samples	First Date	Last Date
Ammonia	32	1/2/2001	4/23/2008
Dissolved Oxygen	265	3/7/1978	4/23/2008
Dissolved Oxygen, % saturation	82	3/7/1978	4/23/2008
Nitrate+Nitrite Nitrogen	273	3/7/1978	4/23/2008
Nitrogen, Kjeldahl	264	3/7/1978	4/23/2008
Phosphorus	264	3/7/1978	4/23/2008
Salinity	138	8/15/1978	4/23/2008
Total Dissolved Solids	267	3/7/1978	4/23/2008
Total Organic Carbon	241	10/10/1978	4/18/2006
Total Suspended Solids	262	3/7/1978	4/23/2008
Water Temperature	272	3/7/1978	4/23/2008

Project Number: WQ1958001, Assessment Subsegment: LA090101_00
Site Number: 0062
Site Name: Pearl River at Pools Bluff, Louisiana
Latitude: 30.701944, Longitude: -89.835278

Table 266: Available data at LA DEQ Site 0062

Variable	Number of Samples	First Date	Last Date
Ammonia	32	1/16/2001	4/23/2008
Dissolved Oxygen	357	1/1/1963	4/23/2008
Dissolved Oxygen, % saturation	257	1/1/1963	4/23/2008
Nitrate+Nitrite Nitrogen	182	3/6/1978	4/23/2008
Nitrogen, Kjeldahl	173	3/6/1978	4/23/2008
Phosphorus	173	3/6/1978	4/23/2008
Salinity	31	10/13/1987	4/23/2008
Total Dissolved Solids	267	7/1/1966	4/23/2008

Total Organic Carbon	148	10/9/1978	4/19/2006
Total Suspended Solids	291	7/1/1966	4/23/2008
Water Temperature	414	6/1/1958	4/23/2008

Project Number: WQ1958001, Assessment Subsegment: LA090501_00
Site Number: 0064
Site Name: Bogue Chitto River at Franklinton, Louisiana
Latitude: 30.843056, Longitude: -90.159722

Table 267: Available data at LA DEQ Site 0064

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	369	1/1/1963	4/13/1998
Dissolved Oxygen, % saturation	226	1/1/1963	8/9/1982
Nitrate+Nitrite Nitrogen	193	3/6/1978	4/13/1998
Nitrogen, Kjeldahl	184	3/6/1978	4/13/1998
Phosphorus	183	3/6/1978	4/13/1998
Salinity	1	4/4/1995	4/4/1995
Total Dissolved Solids	272	7/1/1966	4/13/1998
Total Organic Carbon	170	10/9/1978	4/13/1998
Total Suspended Solids	291	5/1/1966	4/13/1998
Water Temperature	425	7/1/1958	4/13/1998

Project Number: WQ1958001, Assessment Subsegment: LA090202_00
Site Number: 0105
Site Name: Pearl River (West) southeast of Slidell, Louisiana
Latitude: 30.230556, Longitude: -89.680556

Table 268: Available data at LA DEQ Site 0105

Variable	Number of Samples	First Date	Last Date
Ammonia	116	1/11/1999	4/23/2008
Dissolved Oxygen	349	3/7/1978	4/23/2008
Dissolved Oxygen, % saturation	143	3/7/1978	4/23/2008
Nitrate+Nitrite Nitrogen	364	3/7/1978	4/23/2008
Nitrogen, Kjeldahl	355	3/7/1978	4/23/2008
Phosphorus	355	3/7/1978	4/23/2008
Salinity	119	12/9/1980	4/23/2008
Total Dissolved Solids	341	3/7/1978	4/23/2008

Total Organic Carbon	315	10/10/1978	4/18/2006
Total Suspended Solids	343	3/7/1978	4/23/2008
Water Temperature	356	3/7/1978	4/23/2008

Project Number: WQ1958001, Assessment Subsegment: LA090201_00

Site Number: 1042

Site Name: W. Pearl River upstream from Pearl River Barge Canal Lock No. 1

Latitude: 30.453056, Longitude: -89.753056

Table 269: Available data at LA DEQ Site 1042

Variable	Number of Samples	First Date	Last Date
Ammonia	29	1/2/2001	4/22/2008
Dissolved Oxygen	29	1/2/2001	4/22/2008
Dissolved Oxygen, % saturation	29	1/2/2001	4/22/2008
Nitrate+Nitrite Nitrogen	29	1/2/2001	4/22/2008
Nitrogen, Kjeldahl	29	1/2/2001	4/22/2008
Phosphorus	29	1/2/2001	4/22/2008
Salinity	18	1/31/2006	4/22/2008
Total Dissolved Solids	29	1/2/2001	4/22/2008
Total Organic Carbon	14	3/6/2001	4/11/2006
Total Suspended Solids	29	1/2/2001	4/22/2008
Water Temperature	29	1/2/2001	4/22/2008

Project Number: WQ1958001, Assessment Subsegment: LA090204_00

Site Number: 1053

Site Name: Pearl River Navigation Canal at Lock #1

Latitude: 30.455278, Longitude: -89.771944

Table 270: Available data at LA DEQ Site 1053

Variable	Number of Samples	First Date	Last Date
Ammonia	28	1/2/2001	1/22/2008
Dissolved Oxygen	27	1/2/2001	1/22/2008
Dissolved Oxygen, % saturation	27	1/2/2001	1/22/2008
Nitrate+Nitrite Nitrogen	28	1/2/2001	1/22/2008
Nitrogen, Kjeldahl	28	1/2/2001	1/22/2008

Phosphorus	28	1/2/2001	1/22/2008
Salinity	16	1/31/2006	1/22/2008
Total Dissolved Solids	28	1/2/2001	1/22/2008
Total Organic Carbon	15	1/2/2001	4/11/2006
Total Suspended Solids	28	1/2/2001	1/22/2008
Water Temperature	27	1/2/2001	1/22/2008

Project Number: WQ1958001, Assessment Subsegment: LA090102_00
Site Number: 1054
Site Name: E. Pearl River at Curtis Johnson Waterfront Park boat launch
Latitude: 30.328611, Longitude: -89.628611

Table 271: Available data at LA DEQ Site 1054

Variable	Number of Samples	First Date	Last Date
Ammonia	27	1/2/2001	10/10/2007
Dissolved Oxygen	24	1/2/2001	10/10/2007
Dissolved Oxygen, % saturation	24	1/2/2001	10/10/2007
Nitrate+Nitrite Nitrogen	27	1/2/2001	10/10/2007
Nitrogen, Kjeldahl	27	1/2/2001	10/10/2007
Phosphorus	27	1/2/2001	10/10/2007
Salinity	19	1/2/2001	10/10/2007
Total Dissolved Solids	27	1/2/2001	10/10/2007
Total Organic Carbon	17	1/2/2001	4/18/2006
Total Suspended Solids	27	1/2/2001	10/10/2007
Water Temperature	24	1/2/2001	10/10/2007

Project Number: WQ1958001, Assessment Subsegment: LA090107_00
Site Number: 1061
Site Name: Pearl River at Walkian Bluff boat launch
Latitude: 30.570278, Longitude: -89.786944

Table 272: Available data at LA DEQ Site 1061

Variable	Number of Samples	First Date	Last Date
Ammonia	26	1/3/2001	10/3/2007
Dissolved Oxygen	22	1/3/2001	10/3/2007
Dissolved Oxygen, % saturation	22	1/3/2001	10/3/2007
Nitrate+Nitrite Nitrogen	26	1/3/2001	10/3/2007

Nitrogen, Kjeldahl	26	1/3/2001	10/3/2007
Phosphorus	26	1/3/2001	10/3/2007
Salinity	14	5/1/2001	10/3/2007
Total Dissolved Solids	26	1/3/2001	10/3/2007
Total Organic Carbon	10	1/3/2001	11/27/2001
Total Suspended Solids	26	1/3/2001	10/3/2007
Water Temperature	22	1/3/2001	10/3/2007

Project Number: WQ1958001, Assessment Subsegment: LA070601_00

Site Number: 1092

Site Name: East Bay near Joseph Bayou

Latitude: 29.041667, Longitude: -89.275

Table 273: Available data at LA DEQ Site 1092

Variable	Number of Samples	First Date	Last Date
Ammonia	7	3/20/2001	7/13/2005
Dissolved Oxygen	7	3/20/2001	7/13/2005
Dissolved Oxygen, % saturation	6	6/20/2001	7/13/2005
Nitrate+Nitrite Nitrogen	7	3/20/2001	7/13/2005
Nitrogen, Kjeldahl	7	3/20/2001	7/13/2005
Phosphorus	7	3/20/2001	7/13/2005
Salinity	7	3/20/2001	7/13/2005
Total Dissolved Solids	7	3/20/2001	7/13/2005
Total Organic Carbon	7	3/20/2001	7/13/2005
Total Suspended Solids	7	3/20/2001	7/13/2005
Water Temperature	7	3/20/2001	7/13/2005

Project Number: WQ1958001, Assessment Subsegment: LA070601_00

Site Number: 2150

Site Name: Gulf of Mexico south of Southwest Pass, Louisiana

Latitude: 28.820556, Longitude: -89.503889

Table 274: Available data at LA DEQ Site 2150

Variable	Number of Samples	First Date	Last Date
Ammonia	25	2/5/2003	9/13/2005
Dissolved Oxygen	23	2/5/2003	9/13/2005
Dissolved Oxygen, % saturation	23	2/5/2003	9/13/2005

Nitrate+Nitrite Nitrogen	25	2/5/2003	9/13/2005
Nitrogen, Kjeldahl	25	2/5/2003	9/13/2005
Phosphorus	25	2/5/2003	9/13/2005
Salinity	23	2/5/2003	9/13/2005
Total Dissolved Solids	25	2/5/2003	9/13/2005
Total Organic Carbon	25	2/5/2003	9/13/2005
Total Suspended Solids	25	2/5/2003	9/13/2005
Water Temperature	25	2/5/2003	9/13/2005

Project Number: WQ1958001, Assessment Subsegment: LA090107_00

Site Number: 3589

Site Name: Pearl River 1/4 mile upstream of Wilson Slough, northeast of Bush, Louisiana

Latitude: 30.571944, Longitude: -89.805278

Table 275: Available data at LA DEQ Site 3589

Variable	Number of Samples	First Date	Last Date
Ammonia	11	10/10/2007	4/23/2008
Dissolved Oxygen	7	10/10/2007	4/23/2008
Dissolved Oxygen, % saturation	7	10/10/2007	4/23/2008
Nitrate+Nitrite Nitrogen	11	10/10/2007	4/23/2008
Nitrogen, Kjeldahl	11	10/10/2007	4/23/2008
Phosphorus	11	10/10/2007	4/23/2008
Salinity	7	10/10/2007	4/23/2008
Total Dissolved Solids	11	10/10/2007	4/23/2008
Total Suspended Solids	11	10/10/2007	4/23/2008
Water Temperature	7	10/10/2007	4/23/2008

Project Number: WQ1958001, Assessment Subsegment: LA090102_00
Site Number: 3594
Site Name: East Pearl River at Curtis Johnson boat launch (Stennis)
Latitude: 30.329167, Longitude: -89.629167

Table 276: Available data at LA DEQ Site 3594

Variable	Number of Samples	First Date	Last Date
Ammonia	8	11/28/2007	4/23/2008
Dissolved Oxygen	6	11/28/2007	4/23/2008
Dissolved Oxygen, % saturation	6	11/28/2007	4/23/2008
Nitrate+Nitrite Nitrogen	8	11/28/2007	4/23/2008
Nitrogen, Kjeldahl	8	11/28/2007	4/23/2008
Phosphorus	8	11/28/2007	4/23/2008
Salinity	6	11/28/2007	4/23/2008
Total Dissolved Solids	8	11/28/2007	4/23/2008
Total Suspended Solids	8	11/28/2007	4/23/2008
Water Temperature	6	11/28/2007	4/23/2008

6 Other Resources

Brief overview of Battelle data

EPA Headquarters, along with EPA's Gulf of Mexico Program, has been working closely with Battelle over the past seven years to consolidate Gulf-wide water quality datasets. This information was recently presented to representatives from the Gulf of Mexico Alliance in St. Petersburg, FL. The principal investigators of this large effort are Jacques L. Oliver, US EPA, and Paul Dragos, Battelle. The website to the database collection is known as the Gulf Nutrient Data Management Platform (GNDMP) and can be found at: <http://www.duxbury.battelle.org/dev/GNDMP>. User access must be requested and granted before searching the database. This database offers a relational search for all nutrient data in the entire Gulf of Mexico and surrounding regions. It also has an interactive GIS station mapper in which the user can select an area of interest to see which stations are available for certain time periods and which data are available. The database does not offer information such as solids.

Brief overview of Mississippi data

As stated in the introduction of this report, only Louisiana data were reported. However, a large amount of Mississippi data is also available, which was used for the water quality model of Mississippi Sound conducted for the Mississippi Coastal Improvement Program (MsCIP). The MsCIP water quality model study was reported by Dortch et al. (2007) (<http://libweb.wes.army.mil/uhtbin/hyperion/EL-TR-07-20.pdf>). The MS data that are currently available can be found on the accompanying data CD in the 'MS Sound WQ' folder. This data can be updated by contacting MS Department of Environmental Quality or by accessing the Battelle database mentioned above. Due to the efforts of EPA and Battelle, all Gulf of Mexico data are available at the Battelle database website. Some of the Battelle data available for Mississippi are presented in Chapter 7.

7 Available Mississippi Data

Overview of data

The majority of the data reported in Tables 277-419 was sampled by Mississippi Department of Environmental Quality. The data, although not retrieved or reported on the data CD, can be retrieved from the GNDMP database.

Map of Data Stations

Figure 5 is a map of the Mississippi data stations as taken from the GNDMP database website.

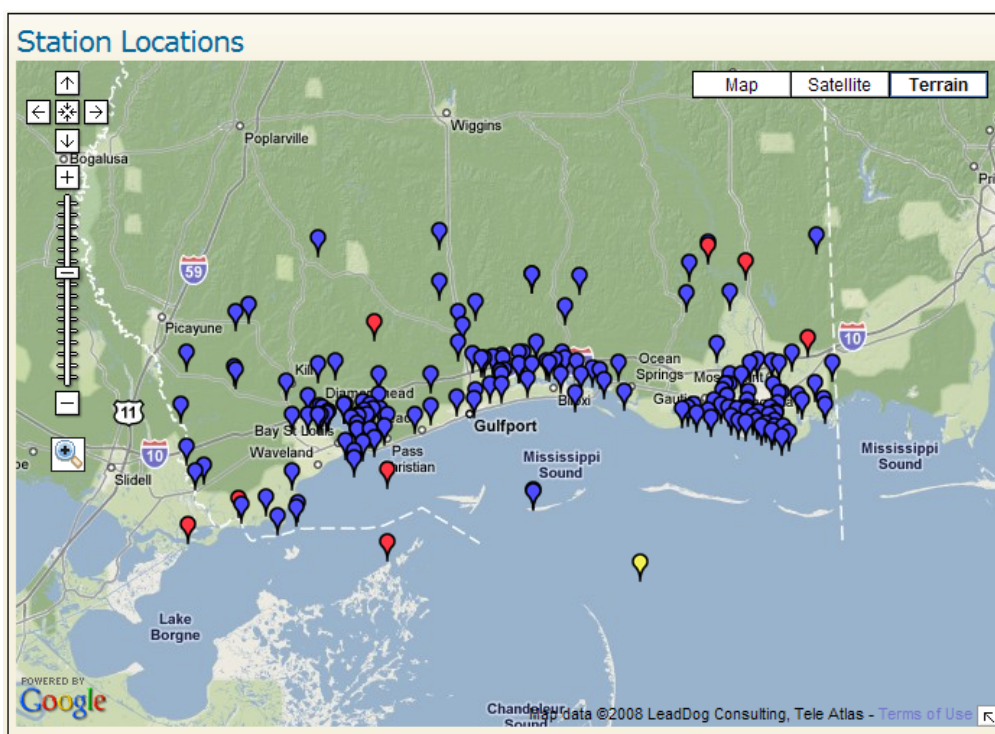


Figure 5: Map of Battelle data stations
(<http://www.duxbury.battelle.org/dev/GNDMP/GIS/Map.cfm?state=MS>)

Data available

Because of the ease of accessing the GNDMP database, none of the data were actually obtained. The data found below in Tables 277-419 can be

downloaded from the GNDMP website. Just as in the previous chapters, these data are not meant to include all stations available.

Station ID: 115HRN01

Station Name: HERON BAYOU NEAR ANSLEY

Latitude: 30.1979, Longitude: -89.4808

Table 277: Available data at Station 115HRN01

Variable	Number of Samples	First Date	Last Date
Ammonia as N	2	03/25/1998	08/19/1998
Dissolved Oxygen	6	03/25/1998	08/19/1998
Dissolved Oxygen, % saturation	6	03/25/1998	08/19/1998
Nitrate+Nitrite as N	2	03/25/1998	08/19/1998
Total Kjeldahl Nitrogen	2	03/25/1998	08/19/1998
Total Phosphorus	2	03/25/1998	08/19/1998
Salinity	6	03/25/1998	08/19/1998
Unionized Ammonia as N	2	03/25/1998	08/19/1998
Water Temperature	2	03/25/1998	08/19/1998

Station ID: 271070

Station Name: PEARL R-GRAND I PASS LOW PT CLR

Latitude: 30.1664, Longitude: -89.4600

Table 278: Available data at Station 271070

Variable	Number of Samples	First Date	Last Date
Water Temperature	11	03/15/1966	04/28/1966

Station ID: 2492668

Station Name: PEARL RIVER AT PEARLINGTON AT HWY 90

Latitude: 30.2390, Longitude: -89.6146

Table 279: Available data at Station 2492668

Variable	Number of Samples	First Date	Last Date
Ammonia as N	24	12/18/1996	12/01/1998
Dissolved Oxygen	86	01/08/1991	12/01/1998
Dissolved Oxygen, % saturation	86	01/08/1991	12/01/1998
Nitrate+Nitrite as N	60	01/08/1991	12/01/1998
Total Kjeldahl Nitrogen	60	01/08/1991	12/01/1998
Total Phosphorus	60	01/08/1991	12/01/1998
Salinity	88	01/08/1991	12/01/1998
Unionized Ammonia as N	24	12/18/1996	12/01/1998
Water Temperature	72	01/08/1991	12/01/1998

Station ID: 271130

Station Name: E PEARL RIVER US 90

Latitude: 30.2500, Longitude: -89.6000

Table 280: Available data at Station 271130

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	19	03/15/1966	06/13/1966
Dissolved Oxygen, % saturation	19	03/15/1966	06/13/1966
Water Temperature	19	03/15/1966	06/13/1966

Station ID: 271105

Station Name: EAST PEARL RIVER BOAT SAMPLE

Latitude: 30.1850, Longitude: -89.5264

Table 281: Available data at Station 271105

Variable	Number of Samples	First Date	Last Date
Water Temperature	12	03/15/1966	04/28/1966

Station ID: 271080

Station Name: MISS SOUND OFF ST JOSEPH PT

Latitude: 30.1811, Longitude: -89.4233

Table 282: Available data at Station 271080

Variable	Number of Samples	First Date	Last Date
Water Temperature	11	03/15/1966	04/28/1966

Station ID: IWW

Station Name: MISS SOUND AB GRAND IS MISS

Latitude: 30.1889, Longitude: -89.4194

Table 283: Available data at Station IWW

Variable	Number of Samples	First Date	Last Date
Ammonia as N	23	04/11/1973	12/01/1998
Dissolved Oxygen	191	04/11/1973	12/01/1998
Dissolved Oxygen, % saturation	191	04/11/1973	12/01/1998
Nitrate as N	23	04/11/1973	12/01/1998
Orthophosphate as P	23	04/11/1973	12/01/1998
Unionized Ammonia as N	23	04/11/1973	12/01/1998
Water Temperature	219	04/11/1973	12/20/1977

Station ID: 115CAD01

Station Name: BAYOU CADDY AT LAKESHORE

Latitude: 30.2405, Longitude: -89.4322

Table 284: Available data at Station 115CAD01

Variable	Number of Samples	First Date	Last Date
Ammonia as N	3	03/25/1998	08/05/1998
Dissolved Oxygen	6	03/25/1998	08/05/1998
Dissolved Oxygen, % saturation	6	03/25/1998	08/05/1998
Nitrate+Nitrite as N	3	03/25/1998	08/05/1998
Total Phosphorus	3	03/25/1998	08/05/1998
Unionized Ammonia as N	3	03/25/1998	08/05/1998
Total Kjeldahl Nitrogen	3	03/25/1998	08/05/1998
Salinity	6	03/25/1998	08/05/1998
Water Temperature	3	03/25/1998	08/05/1998

Station ID: 780530

Station Name: BAY ST LOUIS S BAY ST. LOUIS

Latitude: 30.2889, Longitude: -89.3306

Table 285: Available data at Station 780530

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	10	02/23/1966	03/11/1966
Dissolved Oxygen, % saturation	10	02/23/1966	03/11/1966
Water Temperature	10	02/23/1966	03/11/1966

Station ID: PAS-WQ-54

Station Name: MISSISSIPPI SOUND AT MARKER 2

Latitude: 30.2742, Longitude: -89.3139

Table 286: Available data at Station PAS-WQ-54

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	08/08/1972	08/06/1972
Dissolved Oxygen	6	08/08/1972	08/06/1972
Dissolved Oxygen, % saturation	6	08/08/1972	08/06/1972
Total Kjeldahl Nitrogen	6	08/08/1972	08/06/1972
Nitrate+Nitrite as N	6	08/08/1972	08/06/1972
Total Phosphorus	6	08/08/1972	08/06/1972
Unionized Ammonia as N	6	08/08/1972	08/06/1972
Water Temperature	6	08/08/1972	08/06/1972

Station ID: 640MSD01

Station Name: MISSISSIPPI SOUND NEAR BAY ST. LOUIS

Latitude: 30.2623, Longitude: -89.3137

Table 287: Available data at Station 640MSD01

Variable	Number of Samples	First Date	Last Date
Ammonia as N	13	04/16/1997	10/26/1998
Dissolved Oxygen	26	04/16/1997	10/26/1998
Dissolved Oxygen, % saturation	26	04/16/1997	10/26/1998
Salinity	26	04/16/1997	10/26/1998
Total Kjeldahl Nitrogen	13	04/16/1997	10/26/1998
Nitrate+Nitrite as N	13	04/16/1997	10/26/1998
Total Phosphorus	13	04/16/1997	10/26/1998
Unionized Ammonia as N	13	04/16/1997	10/26/1998
Water Temperature	20	04/16/1997	10/26/1998

Station ID: 2481671

Station Name: BAYOU LA CROIX AT WAVELAND

Latitude: 30.3331, Longitude: -89.4307

Table 288: Available data at Station 2481671

Variable	Number of Samples	First Date	Last Date
Ammonia as N	2	02/03/1998	08/03/1998
Dissolved Oxygen	6	02/03/1998	08/03/1998
Dissolved Oxygen, % saturation	6	02/03/1998	08/03/1998
Salinity	6	02/03/1998	08/03/1998
Total Kjeldahl Nitrogen	2	02/03/1998	08/03/1998
Nitrate+Nitrite as N	2	02/03/1998	08/03/1998
Total Phosphorus	2	02/03/1998	08/03/1998
Unionized Ammonia as N	2	02/03/1998	08/03/1998
Water Temperature	2	02/03/1998	08/03/1998

Station ID: PAS-WQ-50

Station Name: JOURDAN R AT BAY ST. LOUIS

Latitude: 30.3333, Longitude: -89.4000

Table 289: Available data at Station PAS-WQ-50

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	08/04/1972	08/06/1972
Dissolved Oxygen	11	08/04/1972	08/06/1972
Dissolved Oxygen, % saturation	11	08/04/1972	08/06/1972
Total Kjeldahl Nitrogen	6	08/04/1972	08/06/1972
Nitrate+Nitrite as N	6	08/04/1972	08/06/1972
Total Phosphorus	6	08/04/1972	08/06/1972
Unionized Ammonia as N	6	08/04/1972	08/06/1972
Water Temperature	11	08/04/1972	08/06/1972

Station ID: 115EDB01

Station Name: EDWARD'S BAYOU NEAR WAVELAND

Latitude: 30.3317, Longitude: -89.3814

Table 290: Available data at Station 115EDB01

Variable	Number of Samples	First Date	Last Date
Ammonia as N	2	03/25/1998	08/19/1998
Dissolved Oxygen	6	03/25/1998	08/19/1998
Dissolved Oxygen, % saturation	6	03/25/1998	08/19/1998
Salinity	6	03/25/1998	08/19/1998
Total Kjeldahl Nitrogen	2	03/25/1998	08/19/1998
Total Phosphorus	2	03/25/1998	08/19/1998
Unionized Ammonia as N	2	03/25/1998	08/19/1998
Water Temperature	2	03/25/1998	08/19/1998

Station ID: 115WTS01

Station Name: Watts Bayou near Bay St. Louis

Latitude: 30.3328, Longitude: -89.3776

Table 291: Available data at Station 115WTS01

Variable	Number of Samples	First Date	Last Date
Water Temperature	1	03/25/1998	03/25/1998

Station ID: 2481667

Station Name: JOURDAN RIVER NEAR BAY ST. LOUIS (KILN)

Latitude: 30.3317, Longitude: -89.3814

Table 292: Available data at Station 2481667

Variable	Number of Samples	First Date	Last Date
Ammonia as N	4	03/25/1998	08/19/1998
Dissolved Oxygen	7	03/25/1998	08/19/1998
Dissolved Oxygen, % saturation	7	03/25/1998	08/19/1998
Salinity	7	03/25/1998	08/19/1998
Total Kjeldahl Nitrogen	4	03/25/1998	08/19/1998
Nitrate+Nitrite as N	4	03/25/1998	08/19/1998
Total Phosphorus	4	03/25/1998	08/19/1998
Unionized Ammonia as N	4	03/25/1998	08/19/1998
Water Temperature	4	03/25/1998	08/19/1998

Station ID: JOURDAN 011

Station Name: JOURDAN RIVER NEAR KILN

Latitude: 30.3869, Longitude: -89.4411

Table 293: Available data at Station JOURDAN 011

Variable	Number of Samples	First Date	Last Date
Ammonia as N	47	08/04/1975	12/01/1998
Dissolved Oxygen	193	08/04/1975	12/01/1998
Dissolved Oxygen, % saturation	194	08/04/1975	12/01/1998
Salinity	141	01/04/1978	12/01/1998
Total Kjeldahl Nitrogen	180	08/04/1975	12/01/1998
Nitrate+Nitrite as N	152	12/06/1977	12/01/1998
Nitrate as N	24	08/04/1975	06/27/1977
Nitrite as N	24	08/04/1975	06/27/1977
Dissolved Phosphorus	24	08/04/1975	06/27/1977
Total Phosphorus	153	01/03/1978	12/01/1998
Unionized Ammonia as N	45	08/04/1975	12/01/1998
Water Temperature	191	08/04/1975	12/01/1998

Station ID: 114CUT01

Station Name: CUTOFF BAYOU

Latitude: 30.3477, Longitude: -89.3806

Table 294: Available data at Station 114CUT01

Variable	Number of Samples	First Date	Last Date
Ammonia as N	5	03/25/1998	08/19/1998
Dissolved Oxygen	8	03/25/1998	08/19/1998
Dissolved Oxygen, % saturation	8	03/25/1998	08/19/1998
Salinity	5	03/25/1998	08/19/1998
Total Kjeldahl Nitrogen	5	03/25/1998	08/19/1998
Nitrate+Nitrite as N	5	03/25/1998	08/19/1998
Total Phosphorus	5	03/25/1998	08/19/1998
Unionized Ammonia as N	5	03/25/1998	08/19/1998
Water Temperature	4	03/25/1998	08/19/1998

Station ID: PAS-WQ-49

Station Name: JOURDAN R 0.3MI ABOVE CUTOFF BYU

Latitude: 30.3433, Longitude: -89.3750

Table 295: Available data at Station PAS-WQ-49

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	08/04/1972	08/06/1972
Dissolved Oxygen	12	08/04/1972	08/06/1972
Dissolved Oxygen, % saturation	12	08/04/1972	08/06/1972
Total Kjeldahl Nitrogen	6	08/04/1972	08/06/1972
Nitrate+Nitrite as N	6	08/04/1972	08/06/1972
Total Phosphorus	6	08/04/1972	08/06/1972
Unionized Ammonia as N	6	08/04/1972	08/06/1972
Water Temperature	12	08/04/1972	08/06/1972

Station ID: 115JOE01

Station Name: Joe's Bayou near Bay St. Louis

Latitude: 30.3342, Longitude: -89.3646

Table 296: Available data at Station 115JOE01

Variable	Number of Samples	First Date	Last Date
Ammonia as N	2	03/25/1998	08/19/1998
Dissolved Oxygen	4	03/25/1998	08/19/1998
Dissolved Oxygen, % saturation	4	03/25/1998	08/19/1998
Salinity	4	03/25/1998	08/19/1998
Total Kjeldahl Nitrogen	2	03/25/1998	08/19/1998
Nitrate+Nitrite as N	2	03/25/1998	08/19/1998
Total Phosphorus	2	03/25/1998	08/19/1998
Unionized Ammonia as N	2	03/25/1998	08/19/1998
Water Temperature	2	03/25/1998	08/19/1998

Station ID: 780870

Station Name: JOURDAN R AT BAY ST. LOUIS

Latitude: 30.3375, Longitude: -89.3631

Table 297: Available data at Station 780870

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	10	02/23/1966	03/11/1966
Dissolved Oxygen, % saturation	10	02/23/1966	03/11/1966
Water Temperature	10	02/23/1966	03/11/1966

Station ID: 639SLB01

Station Name: ST. LOUIS BAY NEAR BAY ST. LOUIS OFF COWAND PT

Latitude: 30.3487, Longitude: -89.3326

Table 298: Available data at Station 639SLB01

Variable	Number of Samples	First Date	Last Date
Ammonia as N	10	04/16/1997	10/26/1998
Dissolved Oxygen	27	04/16/1997	10/26/1998
Dissolved Oxygen, % saturation	27	04/16/1997	10/26/1998
Salinity	27	04/16/1997	10/26/1998
Total Kjeldahl Nitrogen	10	04/16/1997	10/26/1998
Nitrate+Nitrite as N	10	04/16/1997	10/26/1998
Total Phosphorus	10	04/16/1997	10/26/1998
Unionized Ammonia as N	10	04/16/1997	10/26/1998
Water Temperature	18	04/16/1997	10/26/1998

Station ID: PAS-WQ-51

Station Name: BAY ST. LOUIS N COWAND POINT

Latitude: 30.3494, Longitude: -89.3308

Table 299: Available data at Station PAS-WQ-51

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	08/04/1972	08/06/1972
Dissolved Oxygen	6	08/04/1972	08/06/1972
Dissolved Oxygen, % saturation	6	08/04/1972	08/06/1972
Total Kjeldahl Nitrogen	6	08/04/1972	08/06/1972
Nitrate+Nitrite as N	6	08/04/1972	08/06/1972
Total Phosphorus	6	08/04/1972	08/06/1972
Unionized Ammonia as N	6	08/04/1972	08/06/1972
Water Temperature	6	08/04/1972	08/06/1972

Station ID: 780830

Station Name: BAY ST. LOUIS N COWAND POINT

Latitude: 30.3500, Longitude: -89.3314

Table 300: Available data at Station 780830

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	3	02/23/1966	03/01/1966
Dissolved Oxygen, % saturation	4	02/23/1966	03/01/1966
Water Temperature	4	02/23/1966	03/01/1966

Station ID: 780620

Station Name: BAY ST. LOUIS W PASS CHRISTIAN

Latitude: 30.3278, Longitude: -89.3189

Table 301: Available data at Station 780620

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	9	02/23/1966	03/11/1966
Dissolved Oxygen, % saturation	10	02/23/1966	03/11/1966
Water Temperature	10	02/23/1966	03/11/1966

Station ID: ST-LO.BY 000

Station Name: ST. LOUIS BAY NEAR BAY ST. LOUIS AT HWY 90

Latitude: 30.3179, Longitude: -89.3092

Table 302: Available data at Station ST-LO.BY 000

Variable	Number of Samples	First Date	Last Date
Ammonia as N	31	08/04/1975	08/19/1998
Dissolved Oxygen	114	08/04/1975	08/19/1998
Dissolved Oxygen, % saturation	114	08/04/1975	08/19/1998
Salinity	91	12/06/1977	10/26/1998
Total Kjeldahl Nitrogen	28	08/04/1975	08/19/1998
Nitrate+Nitrite as N	87	08/04/1975	08/19/1998
Nitrate as N	28	08/04/1975	06/27/1977
Nitrite as N	28	08/04/1975	06/27/1977
Dissolved Phosphorus	25	08/04/1975	07/01/1980
Total Phosphorus	87	01/03/1978	08/19/1998
Unionized Ammonia as N	31	08/04/1975	08/19/1998
Water Temperature	114	08/04/1975	08/19/1998

Station ID: PAS-WQ-53

Station Name: BAY ST. LOUIS AT MARKER 1

Latitude: 30.3094, Longitude: -89.3081

Table 303: Available data at Station PAS-WQ-53

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	08/04/1972	08/05/1972
Dissolved Oxygen	6	08/04/1972	08/05/1972
Dissolved Oxygen, % saturation	6	08/04/1972	08/05/1972
Total Kjeldahl Nitrogen	6	08/04/1972	08/05/1972
Nitrate+Nitrite as N	6	08/04/1972	08/05/1972
Total Phosphorus	6	08/04/1972	08/05/1972
Unionized Ammonia as N	6	08/04/1972	08/05/1972
Water Temperature	6	08/04/1972	08/05/1972

Station ID: 780600

Station Name: BAY ST. LOUIS W PASS CHRISTIAN

Latitude: 30.3097, Longitude: -89.3075

Table 304: Available data at Station 780600

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	10	02/23/1966	03/11/1966
Dissolved Oxygen, % saturation	10	02/23/1966	03/11/1966
Water Temperature	10	02/23/1966	03/11/1966

Station ID: 780550

Station Name: BAY ST. LOUIS S HENDERSON POINT

Latitude: 30.2872, Longitude: -89.2978

Table 305: Available data at Station 780550

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	10	02/23/1966	03/11/1966
Dissolved Oxygen, % saturation	10	02/23/1966	03/11/1966
Water Temperature	10	02/23/1966	03/11/1966

Station ID: 780630

Station Name: BAY ST. LOUIS W PASS CHRISTIAN

Latitude: 30.3300, Longitude: -89.3064

Table 306: Available data at Station 780630

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	10	02/23/1966	03/11/1966
Dissolved Oxygen, % saturation	10	02/23/1966	03/11/1966
Water Temperature	10	02/23/1966	03/11/1966

Station ID: PAS-WQ-52

Station Name: BAY ST. LOUIS W PASS CHRISTIAN

Latitude: 30.3325, Longitude: -89.3042

Table 307: Available data at Station PAS-WQ-52

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	08/04/1972	08/05/1972
Dissolved Oxygen	6	08/04/1972	08/05/1972
Dissolved Oxygen, % saturation	6	08/04/1972	08/05/1972
Total Kjeldahl Nitrogen	6	08/04/1972	08/05/1972
Nitrate+Nitrite as N	6	08/04/1972	08/05/1972
Total Phosphorus	6	08/04/1972	08/05/1972
Unionized Ammonia as N	6	08/04/1972	08/05/1972
Water Temperature	6	08/04/1972	08/05/1972

Station ID: 780700

Station Name: BAY ST. LOUIS SW LITTLE BAY

Latitude: 30.3536, Longitude: -89.2972

Table 308: Available data at Station 780700

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	9	02/23/1966	03/10/1966
Dissolved Oxygen, % saturation	9	02/23/1966	03/10/1966
Water Temperature	10	02/23/1966	03/11/1966

Station ID: 639SLB02

Station Name: ST. LOUIS BAY NEAR DELISLE OFF MALLINI POINT

Latitude: 30.3405, Longitude: -89.2949

Table 309: Available data at Station 639SLB02

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	04/16/1997	08/19/1998
Dissolved Oxygen	28	04/16/1997	10/26/1998
Dissolved Oxygen, % saturation	28	04/16/1997	10/26/1998
Salinity	28	04/16/1997	10/26/1998
Total Kjeldahl Nitrogen	7	04/16/1997	10/26/1998
Nitrate+Nitrite as N	7	04/16/1997	10/26/1998
Total Phosphorus	7	04/16/1997	10/26/1998
Unionized Ammonia as N	6	04/16/1997	08/19/1998
Water Temperature	16	04/16/1997	10/26/1998

Station ID: 118MBU01

Station Name: MALLINI BAYOU NEAR PASS CHRISTIAN

Latitude: 30.3321, Longitude: -89.2889

Table 310: Available data at Station 118MBU01

Variable	Number of Samples	First Date	Last Date
Ammonia as N	2	03/25/1998	08/19/1998
Dissolved Oxygen	6	03/25/1998	08/19/1998
Dissolved Oxygen, % saturation	6	03/25/1998	08/19/1998
Salinity	6	03/25/1998	08/19/1998
Total Kjeldahl Nitrogen	2	03/25/1998	08/19/1998
Nitrate+Nitrite as N	2	03/25/1998	08/19/1998
Total Phosphorus	2	03/25/1998	08/19/1998
Unionized Ammonia as N	2	03/25/1998	08/19/1998
Water Temperature	2	03/25/1998	08/19/1998

Station ID: 640MSDB04

Station Name: MISSISSIPPI SOUND NEAR PASS CHRISTIAN

Latitude: 30.3081, Longitude: -89.2826

Table 311: Available data at Station 640MSDB04

Variable	Number of Samples	First Date	Last Date
Ammonia as N	4	07/14/1997	01/29/1998
Dissolved Oxygen	2	01/29/1998	02/28/1998
Dissolved Oxygen, % saturation	1	01/29/1998	01/29/1998
Salinity	1	01/29/1998	01/29/1998
Total Kjeldahl Nitrogen	5	07/14/1997	01/29/1998
Nitrate+Nitrite as N	5	07/14/1997	01/29/1998
Total Phosphorus	5	07/14/1997	01/29/1998
Unionized Ammonia as N	1	01/29/1998	01/29/1998
Water Temperature	2	02/29/1998	02/28/1998

Station ID: 780570

Station Name: BAY ST LOUIS S PASS CHRISTIAN

Latitude: 30.2944, Longitude: -89.2736

Table 312: Available data at Station 780570

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	9	02/23/1966	03/11/1966
Dissolved Oxygen, % saturation	10	02/23/1966	03/11/1966
Water Temperature	10	02/23/1966	03/11/1966

USGS 301429089145600 USCG MERRILL SHELL BANK LIGHT

LOCATION: Latitude 30°14'29", Longitude 89°14'56" NAD27

Jackson County, Mississippi, Hydrologic Unit 03170009

Table 313: Available data for USGS 301429089145600

Variable	Number of Samples	First Date	Last Date
Water Temperature	6520	08/28/1998	08/27/2005
Salinity	14	02/18/1999	09/14/2000

Station ID: 780650

Station Name: BAY ST LOUIS W BASCULE BRIDGE

Latitude: 30.3417, Longitude: -89.2778

Table 314: Available data at Station 780650

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	7	02/23/1966	03/08/1966
Dissolved Oxygen, % saturation	7	02/23/1966	03/08/1966
Water Temperature	7	02/23/1966	03/08/1966

Station ID: 780720

Station Name: WOLF R CO RD BR NW CUEVAS

Latitude: 30.3500, Longitude: -89.2833

Table 315: Available data at Station 780720

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	9	02/23/1966	03/11/1966
Dissolved Oxygen, % saturation	10	02/23/1966	03/11/1966
Water Temperature	10	02/23/1966	03/11/1966

Station ID: 780675

Station Name: BAYOU PORTAGE CO BR S CUEVAS

Latitude: 30.3667, Longitude: -89.2667

Table 316: Available data at Station 780675

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	9	02/08/1966	04/20/1966
Dissolved Oxygen, % saturation	9	02/08/1966	04/20/1966
Water Temperature	10	02/08/1966	04/20/1966

Station ID: 780655

Station Name: BAY ST. LOUIS BASCULE BR

Latitude: 30.3417, Longitude: -89.2653

Table 317: Available data at Station 780655

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	6	02/23/1966	03/08/1966
Dissolved Oxygen, % saturation	6	02/23/1966	03/08/1966
Water Temperature	7	02/23/1966	03/08/1966

Station ID: GCRL05

Station Name: MS SOUND NEAR PASS CHRISTIAN

Latitude: 30.3147, Longitude: -89.2560

Table 318: Available data at Station GCRL05

Variable	Number of Samples	First Date	Last Date
Ammonia as N	13	07/14/1997	11/16/1998
Dissolved Oxygen	11	01/29/1998	12/14/1998
Dissolved Oxygen, % saturation	11	01/29/1998	12/14/1998
Salinity	11	01/29/1998	12/14/1998
Total Kjeldahl Nitrogen	12	07/14/1997	11/16/1998
Nitrate+Nitrite as N	12	07/14/1997	11/16/1998
Total Phosphorus	12	07/14/1997	11/16/1998
Unionized Ammonia as N	9	01/29/1998	11/16/1998
Water Temperature	11	02/29/1998	12/14/1998

Station ID: GCRL07

Station Name: MS SOUND NEAR PASS CHRISTIAN

Latitude: 30.3333, Longitude: -89.1990

Table 319: Available data at Station GCRL07

Variable	Number of Samples	First Date	Last Date
Ammonia as N	13	07/14/1997	11/16/1998
Dissolved Oxygen	11	01/29/1998	12/14/1998
Dissolved Oxygen, % saturation	11	01/29/1998	12/14/1998
Salinity	11	01/29/1998	12/14/1998
Total Kjeldahl Nitrogen	12	07/14/1997	11/16/1998
Nitrate+Nitrite as N	12	07/14/1997	11/16/1998
Total Phosphorus	12	07/14/1997	11/16/1998
Unionized Ammonia as N	9	01/29/1998	11/16/1998
Water Temperature	11	01/29/1998	12/14/1998

Station ID: GCRL7A

Station Name: MS SOUND AT LONG BEACH

Latitude: 30.3457, Longitude: -89.1666

Table 320: Available data at Station GCRL7A

Variable	Number of Samples	First Date	Last Date
Ammonia as N	10	10/21/1997	11/16/1998
Dissolved Oxygen	11	01/29/1998	12/14/1998
Dissolved Oxygen, % saturation	11	01/29/1998	12/14/1998
Salinity	11	01/29/1998	12/14/1998
Total Kjeldahl Nitrogen	9	10/21/1997	11/16/1998
Nitrate+Nitrite as N	10	10/21/1997	11/16/1998
Total Phosphorus	9	10/21/1997	11/16/1998
Unionized Ammonia as N	9	01/29/1998	11/16/1998
Water Temperature	11	01/29/1998	12/14/1998

Station ID: 780180

Station Name: TURKEY CR CITY ST IN N GULFPORT

Latitude: 30.4000, Longitude: -89.1667

Table 321: Available data at Station 780180

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	9	02/8/1966	04/20/1966
Dissolved Oxygen, % saturation	10	02/8/1966	04/20/1966
Water Temperature	10	02/8/1966	04/20/1966

Station ID: GCRL08

Station Name: MS SOUND NEAR GULFPORT

Latitude: 30.3608, Longitude: -89.1170

Table 322: Available data at Station GCRL08

Variable	Number of Samples	First Date	Last Date
Ammonia as N	13	07/15/1997	11/16/1998
Dissolved Oxygen	10	01/29/1998	12/14/1998
Dissolved Oxygen, % saturation	10	01/29/1998	12/14/1998
Salinity	10	01/29/1998	12/14/1998
Total Kjeldahl Nitrogen	12	07/15/1997	11/16/1998
Nitrate+Nitrite as N	13	07/15/1997	11/16/1998
Total Phosphorus	12	07/15/1997	11/16/1998
Unionized Ammonia as N	8	01/29/1998	11/16/1998
Water Temperature	10	01/29/1998	12/14/1998

Station ID: GCRL09

Station Name: MS SOUND NEAR GULFPORT

Latitude: 30.3722, Longitude: -89.0829

Table 323: Available data at Station GCRL09

Variable	Number of Samples	First Date	Last Date
Ammonia as N	13	07/15/1997	11/16/1998
Dissolved Oxygen	11	01/29/1998	12/14/1998
Dissolved Oxygen, % saturation	11	01/29/1998	12/14/1998
Salinity	10	01/29/1998	12/14/1998
Total Kjeldahl Nitrogen	12	07/15/1997	11/16/1998
Nitrate+Nitrite as N	13	07/15/1997	11/16/1998
Total Phosphorus	12	07/15/1997	11/16/1998
Unionized Ammonia as N	9	01/29/1998	11/16/1998
Water Temperature	11	01/29/1998	12/14/1998

Station ID: 118GPH01

Station Name: MISSISSIPPI SOUND AT GULFPORT

Latitude: 30.3585, Longitude: -89.0862

Table 324: Available data at Station 118GPH01

Variable	Number of Samples	First Date	Last Date
Ammonia as N	4	03/04/1998	08/20/1998
Dissolved Oxygen	5	03/04/1998	08/20/1998
Dissolved Oxygen, % saturation	9	03/04/1998	08/20/1998
Salinity	5	03/04/1998	08/20/1998
Total Kjeldahl Nitrogen	4	03/04/1998	08/20/1998
Nitrate+Nitrite as N	4	03/04/1998	08/20/1998
Total Phosphorus	4	03/04/1998	08/20/1998
Unionized Ammonia as N	4	03/04/1998	08/20/1998
Water Temperature	4	03/04/1998	08/20/1998

Station ID: GCRL10

Station Name: MS SOUND NEAR BILOXI

Latitude: 30.3822, Longitude: -89.0845

Table 325: Available data at Station GCRL10

Variable	Number of Samples	First Date	Last Date
Ammonia as N	14	07/15/1997	11/16/1998
Dissolved Oxygen	14	08/25/1997	12/14/1998
Dissolved Oxygen, % saturation	12	08/25/1997	12/14/1998
Salinity	12	08/25/1997	12/14/1998
Total Kjeldahl Nitrogen	12	07/15/1997	11/16/1998
Nitrate+Nitrite as N	14	07/15/1997	11/16/1998
Total Phosphorus	12	07/15/1997	11/16/1998
Unionized Ammonia as N	10	08/25/1997	11/16/1998
Water Temperature	12	08/25/1997	12/14/1998

Station ID: PAS-WQ-26

Station Name: BAYOU BERNARD BELOW TURKEY CREEK

Latitude: 30.4244, Longitude: -89.0658

Table 326: Available data at Station PAS-WQ-26

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/28/1972	08/02/1972
Dissolved Oxygen	12	07/28/1972	08/02/1972
Dissolved Oxygen, % saturation	12	07/28/1972	08/02/1972
Total Kjeldahl Nitrogen	6	07/28/1972	08/02/1972
Nitrate+Nitrite as N	6	07/28/1972	08/02/1972
Total Phosphorus	6	07/28/1972	08/02/1972
Unionized Ammonia as N	6	07/28/1972	08/02/1972
Water Temperature	15	07/28/1972	08/02/1972

Station ID: PAS-WQ-25

Station Name: TURKEY CR CITY ST IN N GULFPORT

Latitude: 30.4242, Longitude: -89.0706

Table 327: Available data at Station PAS-WQ-25

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/28/1972	08/02/1972
Dissolved Oxygen	9	07/28/1972	08/02/1972
Dissolved Oxygen, % saturation	9	07/28/1972	08/02/1972
Total Kjeldahl Nitrogen	6	07/28/1972	08/02/1972
Nitrate+Nitrite as N	6	07/28/1972	08/02/1972
Total Phosphorus	6	07/28/1972	08/02/1972
Unionized Ammonia as N	6	07/28/1972	08/02/1972
Water Temperature	12	07/28/1972	08/02/1972

Station ID: PAS-WQ-24

Station Name: BAYOU BERNARD CO BR IN N GULFPRT

Latitude: 30.4314, Longitude: -89.0878

Table 328: Available data at Station PAS-WQ-24

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/28/1972	08/02/1972
Dissolved Oxygen	8	07/28/1972	08/02/1972
Dissolved Oxygen, % saturation	8	07/28/1972	08/02/1972
Total Kjeldahl Nitrogen	6	07/28/1972	08/02/1972
Nitrate+Nitrite as N	6	07/28/1972	08/02/1972
Total Phosphorus	6	07/28/1972	08/02/1972
Unionized Ammonia as N	6	07/28/1972	08/02/1972
Water Temperature	11	07/28/1972	08/02/1972

Station ID: PAS-WQ-29

Station Name: BAYOU BERNARD CANAL-COWAN RD BR

Latitude: 30.4247, Longitude: -89.0311

Table 329: Available data at Station PAS-WQ-29

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/28/1972	08/02/1972
Dissolved Oxygen	12	07/28/1972	08/02/1972
Dissolved Oxygen, % saturation	12	07/28/1972	08/02/1972
Total Kjeldahl Nitrogen	6	07/28/1972	08/02/1972
Nitrate+Nitrite as N	6	07/28/1972	08/02/1972
Total Phosphorus	6	07/28/1972	08/02/1972
Unionized Ammonia as N	6	07/28/1972	08/02/1972
Water Temperature	15	07/28/1972	08/02/1972

Station ID: 118INS01

Station Name: INDUSTRIAL SEAWAY NEAR HANDSBORO

Latitude: 30.4295, Longitude: -89.0333

Table 330: Available data at Station 118INS01

Variable	Number of Samples	First Date	Last Date
Ammonia as N	3	02/03/1998	08/05/1998
Dissolved Oxygen	6	02/03/1998	08/05/1998
Dissolved Oxygen, % saturation	6	02/03/1998	08/05/1998
Salinity	6	02/03/1998	08/05/1998
Total Kjeldahl Nitrogen	3	02/03/1998	08/05/1998
Nitrate+Nitrite as N	3	02/03/1998	08/05/1998
Total Phosphorus	3	02/03/1998	08/05/1998
Unionized Ammonia as N	3	02/03/1998	08/05/1998
Water Temperature	3	02/03/1998	08/05/1998

Station ID: PAS-WQ-28

Station Name: BRICKYARD BAYOU-1ST BR ABV MOUTH

Latitude: 30.4036, Longitude: -89.0367

Table 331: Available data at Station PAS-WQ-28

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/28/1972	08/02/1972
Dissolved Oxygen	10	07/28/1972	08/02/1972
Dissolved Oxygen, % saturation	10	07/28/1972	08/02/1972
Total Kjeldahl Nitrogen	6	07/28/1972	08/02/1972
Nitrate+Nitrite as N	6	07/28/1972	08/02/1972
Total Phosphorus	6	07/28/1972	08/02/1972
Unionized Ammonia as N	6	07/28/1972	08/02/1972
Water Temperature	13	07/28/1972	08/02/1972

Station ID: PAS-WQ-27

Station Name: BAYOU BERNARD AT CANAL CONFL

Latitude: 30.4267, Longitude: -89.0503

Table 332: Available data at Station PAS-WQ-27

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/28/1972	08/02/1972
Dissolved Oxygen	12	07/28/1972	08/02/1972
Dissolved Oxygen, % saturation	12	07/28/1972	08/02/1972
Total Kjeldahl Nitrogen	6	07/28/1972	08/02/1972
Nitrate+Nitrite as N	6	07/28/1972	08/02/1972
Total Phosphorus	6	07/28/1972	08/02/1972
Unionized Ammonia as N	6	07/28/1972	08/02/1972
Water Temperature	15	07/28/1972	08/02/1972

Station ID: PAS-WQ-30

Station Name: BAYOU BERNARD AT COWAN RD BRIDGE

Latitude: 30.4050, Longitude: -89.0281

Table 333: Available data at Station PAS-WQ-30

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/28/1972	08/02/1972
Dissolved Oxygen	12	07/28/1972	08/02/1972
Dissolved Oxygen, % saturation	12	07/28/1972	08/02/1972
Total Kjeldahl Nitrogen	6	07/28/1972	08/02/1972
Nitrate+Nitrite as N	6	07/28/1972	08/02/1972
Total Phosphorus	6	07/28/1972	08/02/1972
Unionized Ammonia as N	6	07/28/1972	08/02/1972
Water Temperature	15	07/28/1972	08/02/1972

Station ID: 780170

Station Name: BAYOU BERNARD CO BR HANDSBORO

Latitude: 30.4000, Longitude: -89.0333

Table 334: Available data at Station 780170

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	10	02/02/1966	02/21/1966
Dissolved Oxygen, % saturation	10	02/02/1966	02/21/1966
Water Temperature	10	02/02/1966	02/21/1966

Station ID: GCRL11

Station Name: MS SOUND NEAR BILOXI

Latitude: 30.3818, Longitude: -89.0319

Table 335: Available data at Station GCRL11

Variable	Number of Samples	First Date	Last Date
Ammonia as N	13	07/15/1997	11/16/1998
Dissolved Oxygen	11	01/29/1998	12/14/1998
Dissolved Oxygen, % saturation	11	01/29/1998	12/14/1998
Salinity	11	01/29/1998	12/14/1998
Total Kjeldahl Nitrogen	12	07/15/1997	11/16/1998
Nitrate+Nitrite as N	13	07/15/1997	11/16/1998
Total Phosphorus	12	07/15/1997	11/16/1998
Unionized Ammonia as N	9	01/29/1998	11/16/1998
Water Temperature	11	01/29/1998	12/14/1998

Station ID: PAS-WQ-31

Station Name: BIG LAKE JUST E BAYOU BARNARD

Latitude: 30.4156, Longitude: -89.0014

Table 336: Available data at Station PAS-WQ-31

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/28/1972	08/02/1972
Dissolved Oxygen	11	07/28/1972	08/02/1972
Dissolved Oxygen, % saturation	11	07/28/1972	08/02/1972
Total Kjeldahl Nitrogen	6	07/28/1972	08/02/1972
Nitrate+Nitrite as N	6	07/28/1972	08/02/1972

Total Phosphorus	6	07/28/1972	08/02/1972
Unionized Ammonia as N	6	07/28/1972	08/02/1972
Water Temperature	15	07/28/1972	08/02/1972

Station ID: PAS-WQ-33

Station Name: BILOXI R CO RD BR E END BIG LAKE

Latitude: 30.4153, Longitude: -89.9758

Table 337: Available data at Station PAS-WQ-33

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/28/1972	08/02/1972
Dissolved Oxygen	12	07/28/1972	08/02/1972
Dissolved Oxygen, % saturation	12	07/28/1972	08/02/1972
Total Kjeldahl Nitrogen	6	07/28/1972	08/02/1972
Nitrate+Nitrite as N	6	07/28/1972	08/02/1972
Total Phosphorus	6	07/28/1972	08/02/1972
Unionized Ammonia as N	6	07/28/1972	08/02/1972
Water Temperature	15	07/28/1972	08/02/1972

Station ID: GCRL12

Station Name: MS SOUND AT BILOXI

Latitude: 30.3930, Longitude: -89.9832

Table 338: Available data at Station GCRL12

Variable	Number of Samples	First Date	Last Date
Ammonia as N	13	07/15/1997	11/17/1998
Dissolved Oxygen	11	01/29/1998	12/17/1998
Dissolved Oxygen, % saturation	10	01/29/1998	12/17/1998
Salinity	11	01/29/1998	12/17/1998
Total Kjeldahl Nitrogen	12	07/15/1997	11/17/1998
Nitrate+Nitrite as N	13	07/15/1997	11/17/1998
Total Phosphorus	12	07/15/1997	11/17/1998
Unionized Ammonia as N	8	01/29/1998	11/17/1998
Water Temperature	10	01/29/1998	12/17/1998

Station ID: 780325

Station Name: TCHOUTACABOUFFA R BR T65 R9W S4

Latitude: 30.4500, Longitude: -89.9667

Table 339: Available data at Station 780325

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	10	02/08/1966	04/20/1966
Dissolved Oxygen, % saturation	10	02/08/1966	04/20/1966
Water Temperature	10	02/08/1966	04/20/1966

Station ID: 780250

Station Name: BILOXI R N BIG LAKE

Latitude: 30.4336, Longitude: -89.9919

Table 340: Available data at Station 780250

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	8	02/02/1966	02/21/1966
Dissolved Oxygen, % saturation	9	02/02/1966	02/21/1966
Water Temperature	9	02/02/1966	02/21/1966

Station ID: 780160

Station Name: BIG LAKE CANAL CO RD HANDSBORO

Latitude: 30.4333, Longitude: -89.0000

Table 341: Available data at Station 780160

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	10	02/02/1966	02/21/1966
Dissolved Oxygen, % saturation	10	02/02/1966	02/21/1966
Water Temperature	10	02/02/1966	02/21/1966

Station ID: 780140

Station Name: BILOXI R CO RD BR E END BIG LAKE

Latitude: 30.4167, Longitude: -89.0000

Table 342: Available data at Station 780140

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	10	02/02/1966	02/21/1966
Dissolved Oxygen, % saturation	10	02/02/1966	02/21/1966
Water Temperature	10	02/02/1966	02/21/1966

Station ID: 780135

Station Name: BILOXI BAY BACK-NEAR BUOY N22

Latitude: 30.4206, Longitude: -88.9472

Table 343: Available data at Station 780135

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	10	02/02/1966	02/21/1966
Dissolved Oxygen, % saturation	10	02/02/1966	02/21/1966
Water Temperature	10	02/02/1966	02/21/1966

Station ID: 780280

Station Name: TUXACHANIE CR MISS 15

Latitude: 30.4333, Longitude: -88.9167

Table 344: Available data at Station 780280

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	10	02/08/1966	04/20/1966
Dissolved Oxygen, % saturation	10	02/08/1966	04/20/1966
Water Temperature	10	02/08/1966	04/20/1966

Station ID: 780130

Station Name: BILOXI BAY BACK-NEAR BUOY N16

Latitude: 30.4239, Longitude: -88.9133

Table 345: Available data at Station 780130

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	10	02/02/1966	02/21/1966
Dissolved Oxygen, % saturation	10	02/02/1966	02/21/1966
Water Temperature	10	02/02/1966	02/21/1966

Station ID: PAS-WQ-34

Station Name: BILOXI R OFF VET ADMN PIER

Latitude: 30.4189, Longitude: -88.9428

Table 346: Available data at Station PAS-WQ-34

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/28/1972	08/02/1972
Dissolved Oxygen	12	07/28/1972	08/02/1972
Dissolved Oxygen, % saturation	12	07/28/1972	08/02/1972
Total Kjeldahl Nitrogen	6	07/28/1972	08/02/1972
Nitrate+Nitrite as N	6	07/28/1972	08/02/1972
Total Phosphorus	6	07/28/1972	08/02/1972
Unionized Ammonia as N	6	07/28/1972	08/02/1972
Water Temperature	15	07/28/1972	08/02/1972

Station ID: PAS-WQ-35

Station Name: BILOXI R AT D'IBERVILLE BRIDGE

Latitude: 30.4206, Longitude: -88.8914

Table 347: Available data at Station PAS-WQ-35

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/28/1972	08/02/1972
Dissolved Oxygen	11	07/28/1972	08/02/1972
Dissolved Oxygen, % saturation	11	07/28/1972	08/02/1972
Total Kjeldahl Nitrogen	6	07/28/1972	08/02/1972
Nitrate+Nitrite as N	6	07/28/1972	08/02/1972
Total Phosphorus	6	07/28/1972	08/02/1972
Unionized Ammonia as N	6	07/28/1972	08/02/1972
Water Temperature	14	07/28/1972	08/02/1972

Station ID: GCRL13

Station Name: MS SOUND AT BILOXI

Latitude: 30.3997, Longitude: -88.9218

Table 348: Available data at Station GCRL13

Variable	Number of Samples	First Date	Last Date
Ammonia as N	13	07/15/1997	11/17/1998
Dissolved Oxygen	11	01/28/1998	12/17/1998
Dissolved Oxygen, % saturation	11	01/28/1998	12/17/1998
Salinity	11	01/28/1998	12/17/1998
Total Kjeldahl Nitrogen	12	07/15/1997	11/17/1998
Nitrate+Nitrite as N	13	07/15/1997	11/17/1998
Total Phosphorus	12	07/15/1997	11/17/1998
Unionized Ammonia as N	9	01/28/1998	11/17/1998
Water Temperature	11	01/28/1998	12/17/1998

Station ID: GCRL13A

Station Name: MS SOUND AT BILOXI

Latitude: 30.3998, Longitude: -88.8826

Table 349: Available data at Station GCRL13A

Variable	Number of Samples	First Date	Last Date
Ammonia as N	10	07/15/1997	11/17/1998
Dissolved Oxygen	11	01/28/1998	12/16/1998
Dissolved Oxygen, % saturation	11	01/28/1998	12/16/1998
Salinity	11	01/28/1998	12/16/1998
Total Kjeldahl Nitrogen	9	07/15/1997	11/17/1998
Nitrate+Nitrite as N	10	07/15/1997	11/17/1998
Total Phosphorus	9	07/15/1997	11/17/1998
Unionized Ammonia as N	9	01/28/1998	11/17/1998
Water Temperature	11	01/28/1998	12/16/1998

Station ID: 640MSD02

Station Name: MISSISSIPPI SOUND NEAR BILOXI

Latitude: 30.3690, Longitude: -88.8926

Table 350: Available data at Station 640MSD02

Variable	Number of Samples	First Date	Last Date
Ammonia as N	14	04/16/1997	10/21/1998
Dissolved Oxygen	39	04/16/1997	10/21/1998
Dissolved Oxygen, % saturation	39	04/16/1997	10/21/1998
Salinity	39	04/16/1997	10/21/1998
Total Kjeldahl Nitrogen	14	04/16/1997	10/21/1998
Nitrate+Nitrite as N	14	04/16/1997	10/21/1998
Total Phosphorus	14	04/16/1997	10/21/1998
Unionized Ammonia as N	13	04/16/1997	10/21/1998
Water Temperature	28	04/16/1997	10/21/1998

Station ID: 646BBB17

Station Name: BACK BAY OF BILOXI

Latitude: 30.4235, Longitude: -88.9311

Table 351: Available data at Station 646BBB17

Variable	Number of Samples	First Date	Last Date
Ammonia as N	4	02/11/1998	08/11/1998
Dissolved Oxygen	5	02/11/1998	08/11/1998
Dissolved Oxygen, % saturation	5	02/11/1998	08/11/1998
Salinity	5	02/11/1998	08/11/1998
Total Kjeldahl Nitrogen	4	02/11/1998	08/11/1998
Nitrate+Nitrite as N	4	02/11/1998	08/11/1998
Total Phosphorus	4	02/11/1998	08/11/1998
Unionized Ammonia as N	4	02/11/1998	08/11/1998
Water Temperature	4	02/11/1998	08/11/1998

Station ID: 646BBB04

Station Name: BACK BAY OF BILOXI AT BILOXI OFF CLAY POINT

Latitude: 30.4084, Longitude: -88.8598

Table 352: Available data at Station 646BBB04

Variable	Number of Samples	First Date	Last Date
Ammonia as N	12	04/15/1997	10/12/1998
Dissolved Oxygen	23	04/15/1997	10/12/1998
Dissolved Oxygen, % saturation	24	04/15/1997	10/12/1998
Salinity	23	04/15/1997	10/12/1998
Total Kjeldahl Nitrogen	12	04/15/1997	10/12/1998
Nitrate+Nitrite as N	12	04/15/1997	10/12/1998
Total Phosphorus	12	04/15/1997	10/12/1998
Unionized Ammonia as N	12	04/15/1997	10/12/1998
Water Temperature	19	04/15/1997	10/12/1998

Station ID: PAS-WQ-37

Station Name: BILOXI BAY AT US 90 BRIDGE

Latitude: 30.4050, Longitude: -88.8456

Table 353: Available data at Station PAS-WQ-37

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/28/1972	08/02/1972
Dissolved Oxygen	10	07/28/1972	08/02/1972
Dissolved Oxygen, % saturation	10	07/28/1972	08/02/1972
Total Kjeldahl Nitrogen	6	07/28/1972	08/02/1972
Nitrate+Nitrite as N	6	07/28/1972	08/02/1972
Total Phosphorus	6	07/28/1972	08/02/1972
Unionized Ammonia as N	6	07/28/1972	08/02/1972
Water Temperature	15	07/28/1972	08/02/1972

Station ID: PAS-WQ-38

Station Name: BILOXI BAY NEAR MARKER 42

Latitude: 30.3903, Longitude: -88.8392

Table 354: Available data at Station PAS-WQ-38

Variable	Number of Samples	First Date	Last Date
Ammonia as N	2	07/28/1972	07/29/1972
Dissolved Oxygen	3	07/28/1972	07/29/1972
Dissolved Oxygen, % saturation	3	07/28/1972	07/29/1972
Total Kjeldahl Nitrogen	2	07/28/1972	07/29/1972
Nitrate+Nitrite as N	1	07/28/1972	07/28/1972
Total Phosphorus	1	07/28/1972	07/28/1972
Unionized Ammonia as N	2	07/28/1972	07/29/1972
Water Temperature	3	07/28/1972	07/29/1972

Station ID: PAS-WQ-36

Station Name: OLD FORT BAYOU AT 1ST HWY BRIDGE

Latitude: 30.4189, Longitude: -88.8106

Table 355: Available data at Station PAS-WQ-36

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/28/1972	08/02/1972
Dissolved Oxygen	11	07/28/1972	08/02/1972
Dissolved Oxygen, % saturation	11	07/28/1972	08/02/1972
Total Kjeldahl Nitrogen	6	07/28/1972	08/02/1972
Nitrate+Nitrite as N	6	07/28/1972	08/02/1972
Total Phosphorus	6	07/28/1972	08/02/1972
Unionized Ammonia as N	6	07/28/1972	08/02/1972
Water Temperature	16	07/28/1972	08/02/1972

Station ID: PAS-WQ-41

Station Name: BILOXI BAY NEAR R18

Latitude: 30.3717, Longitude: -88.7986

Table 356: Available data at Station PAS-WQ-41

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/28/1972	08/02/1972
Dissolved Oxygen	13	07/28/1972	08/02/1972
Dissolved Oxygen, % saturation	13	07/28/1972	08/02/1972
Total Kjeldahl Nitrogen	6	07/28/1972	08/02/1972
Nitrate+Nitrite as N	6	07/28/1972	08/02/1972
Total Phosphorus	6	07/28/1972	08/02/1972
Unionized Ammonia as N	6	07/28/1972	08/02/1972
Water Temperature	13	07/28/1972	08/02/1972

Station ID: GUI5_WI_012

Station Name: SHIP ISLAND STATION 1

Latitude: 30.2100, Longitude: -88.9733

Table 357: Available data at Station GUI5_WI_012

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	2	06/16/1987	06/16/1987
Dissolved Oxygen, % saturation	2	06/16/1987	06/16/1987
Salinity	4	06/16/1987	06/16/1987
Water Temperature	4	06/16/1987	06/16/1987

Station ID: GUI5_WI_014

Station Name: SHIP ISLAND STATION 2

Latitude: 30.2067, Longitude: -88.9733

Table 358: Available data at Station GUI5_WI_014

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	2	09/03/1987	09/03/1987
Dissolved Oxygen, % saturation	2	09/03/1987	09/03/1987
Salinity	2	09/03/1987	09/03/1987
Water Temperature	2	09/03/1987	09/03/1987

Station ID: 273309

Station Name: PASCAGOULA BAY

Latitude: 30.3411, Longitude: -88.6894

Table 359: Available data at Station 273309

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	1	02/18/1965	02/18/1965
Dissolved Oxygen, % saturation	1	02/18/1965	02/18/1965
Water Temperature	1	02/18/1965	02/18/1965

Station ID: 273308

Station Name: PASCAGOULA BAY

Latitude: 30.3453, Longitude: -88.6783

Table 360: Available data at Station 273308

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	6	02/18/1965	10/22/1965
Dissolved Oxygen, % saturation	6	02/18/1965	10/22/1965
Water Temperature	6	02/18/1965	10/22/1965

Station ID: 273307

Station Name: PASCAGOULA BAY

Latitude: 30.3492, Longitude: -88.6672

Table 361: Available data at Station 273307

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	1	02/18/1965	02/18/1965
Dissolved Oxygen, % saturation	1	02/18/1965	02/18/1965
Water Temperature	1	02/18/1965	02/18/1965

Station ID: 273310
 Station Name: PASCAGOULA BAY
 Latitude: 30.3353, Longitude: -88.6619

Table 362: Available data at Station 273310

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	6	02/18/1965	10/22/1965
Dissolved Oxygen, % saturation	6	02/18/1965	10/22/1965
Water Temperature	6	02/18/1965	10/22/1965

Station ID: 273311
 Station Name: PASCAGOULA BAY
 Latitude: 30.3406, Longitude: -88.6417

Table 363: Available data at Station 273311

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	6	02/18/1965	10/22/1965
Dissolved Oxygen, % saturation	6	02/18/1965	10/22/1965
Water Temperature	6	02/18/1965	10/22/1965

Station ID: 273306
 Station Name: PASCAGOULA BAY
 Latitude: 30.3567, Longitude: -88.6303

Table 364: Available data at Station 273306

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	6	02/18/1965	10/22/1965
Dissolved Oxygen, % saturation	6	02/18/1965	10/22/1965
Water Temperature	6	02/18/1965	10/22/1965

Station ID: 273305
 Station Name: PASCAGOULA BAY
 Latitude: 30.3494, Longitude: -88.6161

Table 365: Available data at Station 273305

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	1	02/18/1965	02/18/1965
Dissolved Oxygen, % saturation	1	02/18/1965	02/18/1965
Water Temperature	1	02/18/1965	02/18/1965

Station ID: PAS-WQ-15

Station Name: MISSISSIPPI SOUND NR MARKER 2

Latitude: 30.3289, Longitude: -88.6339

Table 366: Available data at Station PAS-WQ-15

Variable	Number of Samples	First Date	Last Date
Ammonia as N	5	07/20/1972	07/25/1972
Dissolved Oxygen	5	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	5	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	5	07/20/1972	07/25/1972
Nitrate+Nitrite as N	5	07/20/1972	07/25/1972
Total Phosphorus	5	07/20/1972	07/25/1972
Unionized Ammonia as N	5	07/20/1972	07/25/1972
Water Temperature	5	07/20/1972	07/25/1972

Station ID: PAS-WQ-14

Station Name: PASCAGOULA BAY S OF GAUTIER CHNL

Latitude: 30.3719, Longitude: -88.6117

Table 367: Available data at Station PAS-WQ-14

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/20/1972	07/25/1972
Dissolved Oxygen	12	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	12	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	6	07/20/1972	07/25/1972
Nitrate+Nitrite as N	6	07/20/1972	07/25/1972
Total Phosphorus	6	07/20/1972	07/25/1972
Unionized Ammonia as N	6	07/20/1972	07/25/1972
Water Temperature	12	07/20/1972	07/25/1972

Station ID: PAS-WQ-12

Station Name: WEST PASCAGOULA R AT US 90

Latitude: 30.3828, Longitude: -88.6083

Table 368: Available data at Station PAS-WQ-12

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/20/1972	07/25/1972
Dissolved Oxygen	12	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	12	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	6	07/20/1972	07/25/1972
Nitrate+Nitrite as N	6	07/20/1972	07/25/1972
Total Phosphorus	6	07/20/1972	07/25/1972
Unionized Ammonia as N	6	07/20/1972	07/25/1972
Water Temperature	12	07/20/1972	07/25/1972

Station ID: PAS-WQ-13

Station Name: WEST PASCAGOULA R-TWIN-RABBIT IS

Latitude: 30.3633, Longitude: -88.6036

Table 369: Available data at Station PAS-WQ-13

Variable	Number of Samples	First Date	Last Date
Ammonia as N	2	07/20/1972	07/21/1972
Dissolved Oxygen	1	07/21/1972	07/21/1972
Dissolved Oxygen, % saturation	1	07/21/1972	07/21/1972
Total Kjeldahl Nitrogen	2	07/20/1972	07/21/1972
Nitrate+Nitrite as N	2	07/20/1972	07/21/1972
Total Phosphorus	2	07/20/1972	07/21/1972
Unionized Ammonia as N	2	07/20/1972	07/21/1972
Water Temperature	2	07/20/1972	07/21/1972

Station ID: 273304

Station Name: PASCAGOULA BAY

Latitude: 30.3628, Longitude: -88.6036

Table 370: Available data at Station 273304

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	1	02/18/1965	02/18/1965
Dissolved Oxygen, % saturation	1	02/18/1965	02/18/1965
Water Temperature	1	02/18/1965	02/18/1965

Station ID: 273303

Station Name: PASCAGOULA BAY

Latitude: 30.3450, Longitude: -88.6011

Table 371: Available data at Station 273303

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	6	02/18/1965	10/22/1965
Dissolved Oxygen, % saturation	6	02/18/1965	10/22/1965
Water Temperature	6	02/18/1965	10/22/1965

Station ID: 273312

Station Name: PASCAGOULA BAY

Latitude: 30.3294, Longitude: -88.5972

Table 372: Available data at Station 273312

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	6	02/18/1965	10/22/1965
Dissolved Oxygen, % saturation	6	02/18/1965	10/22/1965
Water Temperature	6	02/18/1965	10/22/1965

Station ID: 273501

Station Name: PASCAGOULA R AT MOUTH

Latitude: 30.3833, Longitude: -88.6000

Table 373: Available data at Station 273501

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	31	06/24/1965	03/29/1966
Dissolved Oxygen, % saturation	31	06/24/1965	03/29/1966
Water Temperature	32	06/24/1965	03/29/1966

Station ID: 273570

Station Name: PASCAGOULA R AT HWY US 90

Latitude: 30.4000, Longitude: -88.6000

Table 374: Available data at Station 273570

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	43	02/17/1965	08/18/1965
Dissolved Oxygen, % saturation	43	02/17/1965	08/18/1965
Water Temperature	44	02/17/1965	08/18/1965

Station ID: WPR 7.2

Station Name: WEST PASCAGOULA RIVER NEAR GAUTIER

Latitude: 30.4489, Longitude: -88.6253

Table 375: Available data at Station WPR 7.2

Variable	Number of Samples	First Date	Last Date
Ammonia as N	4	09/09/1997	09/11/1997
Total Kjeldahl Nitrogen	4	09/09/1997	09/11/1997
Nitrate+Nitrite as N	4	09/09/1997	09/11/1997
Total Phosphorus	4	09/09/1997	09/11/1997
Orthophosphate as P	6	09/09/1997	09/11/1997

Station ID: W-PASCAG 000

Station Name: WEST PASCAGOULA RIVER AT GAUTIER AT HWY 90

Latitude: 30.3823, Longitude: -88.6078

Table 376: Available data at Station W-PASCAG 000

Variable	Number of Samples	First Date	Last Date
Ammonia as N	24	08/07/1975	06/29/1977
Dissolved Oxygen	92	08/07/1975	05/04/1987
Dissolved Oxygen, % saturation	92	08/07/1975	05/04/1987
Total Kjeldahl Nitrogen	94	08/07/1975	03/02/1987
Nitrate+Nitrite as N	67	12/05/1977	03/02/1987
Nitrate as N	25	08/07/1975	06/05/1979
Nitrite as N	24	08/07/1975	06/29/1977
Dissolved Phosphorus	24	08/07/1975	06/29/1977
Total Phosphorus	67	12/05/1977	03/02/1987
Unionized Ammonia as N	24	08/07/1975	06/29/1977
Salinity	65	12/05/1977	03/02/1987
Water Temperature	94	08/07/1975	05/04/1987

Station ID: PAS-WQ-16

Station Name: MISSISSIPPI SOUND BTW MKS 1-37

Latitude: 30.3231, Longitude: -88.5833

Table 377: Available data at Station PAS-WQ-16

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/20/1972	07/25/1972
Dissolved Oxygen	6	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	6	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	6	07/20/1972	07/25/1972
Nitrate+Nitrite as N	6	07/20/1972	07/25/1972
Total Phosphorus	6	07/20/1972	07/25/1972
Unionized Ammonia as N	6	07/20/1972	07/25/1972
Water Temperature	6	07/20/1972	07/25/1972

Station ID: 273302

Station Name: PASCAGOULA BAY

Latitude: 30.3425, Longitude: -88.5867

Table 378: Available data at Station 273302

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	1	02/18/1965	02/18/1965
Dissolved Oxygen, % saturation	1	02/18/1965	02/18/1965
Water Temperature	1	02/18/1965	02/18/1965

Station ID: 273301

Station Name: PASCAGOULA BAY

Latitude: 30.3425, Longitude: -88.5722

Table 379: Available data at Station 273301

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	5	10/18/1965	10/22/1965
Dissolved Oxygen, % saturation	5	10/18/1965	10/22/1965
Water Temperature	6	02/18/1965	10/22/1965

Station ID: 273313

Station Name: PASCAGOULA BAY

Latitude: 30.3217, Longitude: -88.5703

Table 380: Available data at Station 273313

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	5	10/18/1965	10/22/1965
Dissolved Oxygen, % saturation	5	10/18/1965	10/22/1965
Water Temperature	6	02/18/1965	10/22/1965

Station ID: PAS-WQ-11

Station Name: PASCAGOULA R NEAR MARKER 46

Latitude: 30.3433, Longitude: -88.5669

Table 381: Available data at Station PAS-WQ-11

Variable	Number of Samples	First Date	Last Date
Ammonia as N	12	07/20/1972	07/25/1972
Dissolved Oxygen	16	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	16	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	13	07/20/1972	07/25/1972
Nitrate+Nitrite as N	12	07/20/1972	07/25/1972
Total Phosphorus	12	07/20/1972	07/25/1972
Unionized Ammonia as N	11	07/21/1972	07/25/1972
Water Temperature	16	07/20/1972	07/25/1972

Station ID: PAS-WQ-10

Station Name: PASCAGOULA R ABOVE INGALLS PLANT

Latitude: 30.3567, Longitude: -88.5658

Table 382: Available data at Station PAS-WQ-10

Variable	Number of Samples	First Date	Last Date
Ammonia as N	12	07/20/1972	07/25/1972
Dissolved Oxygen	16	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	16	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	14	07/20/1972	07/25/1972
Nitrate+Nitrite as N	12	07/20/1972	07/25/1972
Total Phosphorus	12	07/20/1972	07/25/1972
Unionized Ammonia as N	10	07/21/1972	07/25/1972
Water Temperature	16	07/20/1972	07/25/1972

Station ID: PAS-WQ-09

Station Name: PASCAGOULA R AT US 90 PASCAGOULA

Latitude: 30.3717, Longitude: -88.5625

Table 383: Available data at Station PAS-WQ-09

Variable	Number of Samples	First Date	Last Date
Ammonia as N	12	07/20/1972	07/25/1972
Dissolved Oxygen	16	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	16	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	13	07/20/1972	07/25/1972
Nitrate+Nitrite as N	12	07/20/1972	07/25/1972
Total Phosphorus	12	07/20/1972	07/25/1972
Unionized Ammonia as N	10	07/21/1972	07/25/1972
Water Temperature	16	07/20/1972	07/25/1972

Station ID: PAS-WQ-08

Station Name: PASCAGOULA R WEST OF MOSS POINT

Latitude: 30.3981, Longitude: -88.5783

Table 384: Available data at Station PAS-WQ-08

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/20/1972	07/25/1972
Dissolved Oxygen	12	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	12	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	6	07/20/1972	07/25/1972
Nitrate+Nitrite as N	6	07/20/1972	07/25/1972
Total Phosphorus	6	07/20/1972	07/25/1972
Unionized Ammonia as N	6	07/20/1972	07/25/1972
Water Temperature	12	07/20/1972	07/25/1972

Station ID: PAS-WQ-07

Station Name: PASCAGOULA R BELOW ESCATAWPA R

Latitude: 30.4189, Longitude: -88.5594

Table 385: Available data at Station PAS-WQ-07

Variable	Number of Samples	First Date	Last Date
Ammonia as N	17	07/20/1972	07/25/1972

Dissolved Oxygen	30	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	30	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	17	07/20/1972	07/25/1972
Nitrate+Nitrite as N	17	07/20/1972	07/25/1972
Total Phosphorus	17	07/20/1972	07/25/1972
Unionized Ammonia as N	17	07/20/1972	07/25/1972
Water Temperature	30	07/20/1972	07/25/1972

Station ID: PAS-WQ-05

Station Name: ESCATAWPA R MISS 63 MOSS POINT

Latitude: 30.4233, Longitude: -88.5458

Table 386: Available data at Station PAS-WQ-05

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/20/1972	07/25/1972
Dissolved Oxygen	11	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	11	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	6	07/20/1972	07/25/1972
Nitrate+Nitrite as N	6	07/20/1972	07/25/1972
Total Phosphorus	6	07/20/1972	07/25/1972
Unionized Ammonia as N	6	07/20/1972	07/25/1972
Water Temperature	12	07/20/1972	07/25/1972

Station ID: PAS-WQ-04

Station Name: ESCATAWPA R AT RR BRIDGE MOSS PT

Latitude: 30.4208, Longitude: -88.5186

Table 387: Available data at Station PAS-WQ-04

Variable	Number of Samples	First Date	Last Date
Ammonia as N	5	07/21/1972	07/25/1972
Dissolved Oxygen	12	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	12	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	5	07/21/1972	07/25/1972
Nitrate+Nitrite as N	5	07/21/1972	07/25/1972
Total Phosphorus	5	07/21/1972	07/25/1972
Unionized Ammonia as N	5	07/21/1972	07/25/1972
Water Temperature	12	07/20/1972	07/25/1972

Station ID: PAS-WQ-03

Station Name: ESCATAWPA R DWNSTRM OF I.P. EFF.

Latitude: 30.4178, Longitude: -88.5064

Table 388: Available data at Station PAS-WQ-03

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/20/1972	07/25/1972
Dissolved Oxygen	12	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	12	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	6	07/20/1972	07/25/1972
Nitrate+Nitrite as N	6	07/20/1972	07/25/1972
Total Phosphorus	6	07/20/1972	07/25/1972
Unionized Ammonia as N	6	07/20/1972	07/25/1972
Water Temperature	12	07/20/1972	07/25/1972

Station ID: PAS-WQ-02

Station Name: ESCATAWPA R AT MILE 7.20

Latitude: 30.4344, Longitude: -88.4811

Table 389: Available data at Station PAS-WQ-02

Variable	Number of Samples	First Date	Last Date
Ammonia as N	5	07/21/1972	07/25/1972
Dissolved Oxygen	10	07/21/1972	07/25/1972
Dissolved Oxygen, % saturation	10	07/21/1972	07/25/1972
Total Kjeldahl Nitrogen	5	07/21/1972	07/25/1972
Nitrate+Nitrite as N	5	07/21/1972	07/25/1972
Total Phosphorus	5	07/21/1972	07/25/1972
Unionized Ammonia as N	5	07/21/1972	07/25/1972
Water Temperature	10	07/21/1972	07/25/1972

Station ID: PAS-WQ-17

Station Name: PASCAGOULA CHANNEL AT MARKER 42

Latitude: 30.3311, Longitude: -88.5556

Table 390: Available data at Station PAS-WQ-17

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/20/1972	07/25/1972
Dissolved Oxygen	11	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	11	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	6	07/20/1972	07/25/1972
Nitrate+Nitrite as N	6	07/20/1972	07/25/1972
Total Phosphorus	6	07/20/1972	07/25/1972
Unionized Ammonia as N	6	07/20/1972	07/25/1972
Water Temperature	12	07/20/1972	07/25/1972

Station ID: PAS-WQ-18

Station Name: PASCAGOULA CHANNEL BTW MKS 37-38

Latitude: 30.3125, Longitude: -88.5383

Table 391: Available data at Station PAS-WQ-18

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/20/1972	07/25/1972
Dissolved Oxygen	12	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	12	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	6	07/20/1972	07/25/1972
Nitrate+Nitrite as N	6	07/20/1972	07/25/1972
Total Phosphorus	6	07/20/1972	07/25/1972
Unionized Ammonia as N	6	07/20/1972	07/25/1972
Water Temperature	12	07/20/1972	07/25/1972

Station ID: PAS-WQ-22

Station Name: BAYOU CHICO 1ST BR FROM MOUTH

Latitude: 30.3433, Longitude: -88.5225

Table 392: Available data at Station PAS-WQ-22

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/20/1972	07/25/1972
Dissolved Oxygen	6	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	6	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	6	07/20/1972	07/25/1972
Nitrate+Nitrite as N	6	07/20/1972	07/25/1972
Total Phosphorus	6	07/20/1972	07/25/1972
Unionized Ammonia as N	6	07/20/1972	07/25/1972
Water Temperature	6	07/20/1972	07/25/1972

Station ID: 273500

Station Name: PASCAGOULA BAY BETWEEN BOUY 37+38

Latitude: 30.3231, Longitude: -88.5481

Table 393: Available data at Station 273500

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	59	02/16/1965	02/29/1966
Dissolved Oxygen, % saturation	59	02/16/1965	02/29/1966
Water Temperature	60	02/16/1965	02/29/1966

Station ID: 273322

Station Name: PASCAGOULA BAY

Latitude: 30.3175, Longitude: -88.5297

Table 394: Available data at Station 273322

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	7	02/16/1965	10/22/1965
Dissolved Oxygen, % saturation	7	02/16/1965	10/22/1965
Water Temperature	7	02/16/1965	10/22/1965

Station ID: 273316

Station Name: PASCAGOULA BAY

Latitude: 30.3322, Longitude: -88.5258

Table 395: Available data at Station 273316

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	2	02/16/1965	02/19/1965
Dissolved Oxygen, % saturation	2	02/16/1965	02/19/1965
Water Temperature	2	02/16/1965	02/19/1965

Station ID: 273315

Station Name: PASCAGOULA BAY

Latitude: 30.3367, Longitude: -88.5444

Table 396: Available data at Station 273315

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	2	02/16/1965	02/19/1965
Dissolved Oxygen, % saturation	2	02/16/1965	02/19/1965
Water Temperature	2	02/16/1965	02/19/1965

Station ID: 273420

Station Name: WEST PASCAGOULA R AT US 90

Latitude: 30.3833, Longitude: -88.5167

Table 397: Available data at Station 273420

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	25	02/17/1965	10/22/1965
Dissolved Oxygen, % saturation	25	02/17/1965	10/22/1965
Water Temperature	25	02/17/1965	10/22/1965

Station ID: 273320

Station Name: PASCAGOULA BAY

Latitude: 30.2978, Longitude: -88.5008

Table 398: Available data at Station 273320

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	2	02/16/1965	02/19/1965
Dissolved Oxygen, % saturation	2	02/16/1965	02/19/1965
Water Temperature	2	02/16/1965	02/19/1965

Station ID: 273321

Station Name: PASCAGOULA BAY

Latitude: 30.3075, Longitude: -88.5183

Table 399: Available data at Station 273321

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	2	02/16/1965	02/19/1965
Dissolved Oxygen, % saturation	2	02/16/1965	02/19/1965
Water Temperature	2	02/16/1965	02/19/1965

Station ID: PAS-WQ-19

Station Name: BAYOU CASOTTE CHANNEL-MARKER 6

Latitude: 30.3133, Longitude: -88.5128

Table 400: Available data at Station PAS-WQ-19

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/20/1972	07/25/1972
Dissolved Oxygen	12	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	12	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	6	07/20/1972	07/25/1972
Nitrate+Nitrite as N	6	07/20/1972	07/25/1972
Total Phosphorus	6	07/20/1972	07/25/1972
Unionized Ammonia as N	6	07/20/1972	07/25/1972
Water Temperature	12	07/20/1972	07/25/1972

Station ID: PAS-WQ-20

Station Name: BAYOU CASOTTE NEAR MARKER 13

Latitude: 30.3342, Longitude: -88.5108

Table 401: Available data at Station PAS-WQ-20

Variable	Number of Samples	First Date	Last Date
Ammonia as N	5	07/21/1972	07/25/1972
Dissolved Oxygen	12	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	12	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	5	07/21/1972	07/25/1972
Nitrate+Nitrite as N	5	07/21/1972	07/25/1972
Total Phosphorus	5	07/21/1972	07/25/1972
Unionized Ammonia as N	5	07/21/1972	07/25/1972
Water Temperature	12	07/20/1972	07/25/1972

Station ID: PAS-WQ-21

Station Name: BAYOU CASOTTE-END OF SHIP CHANNEL

Latitude: 30.3522, Longitude: -88.5075

Table 402: Available data at Station PAS-WQ-21

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/20/1972	07/25/1972
Dissolved Oxygen	12	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	12	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	6	07/20/1972	07/25/1972
Nitrate+Nitrite as N	6	07/20/1972	07/25/1972
Total Phosphorus	6	07/20/1972	07/25/1972
Unionized Ammonia as N	6	07/20/1972	07/25/1972
Water Temperature	12	07/20/1972	07/25/1972

Station ID: PAS-WQ-56

Station Name: BAYOU CASOTTE W PRONG-LOUISE ST.

Latitude: 30.3675, Longitude: -88.5069

Table 403: Available data at Station PAS-WQ-56

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/20/1972	07/25/1972
Dissolved Oxygen	6	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	6	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	6	07/20/1972	07/25/1972
Nitrate+Nitrite as N	6	07/20/1972	07/25/1972
Total Phosphorus	6	07/20/1972	07/25/1972
Unionized Ammonia as N	6	07/20/1972	07/25/1972
Water Temperature	6	07/20/1972	07/25/1972

Station ID: PAS-WQ-55

Station Name: BAYOU CASOTTE E PRONG-ORCHARD AV

Latitude: 30.3686, Longitude: -88.5000

Table 404: Available data at Station PAS-WQ-55

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/20/1972	07/25/1972
Dissolved Oxygen	6	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	6	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	6	07/20/1972	07/25/1972
Nitrate+Nitrite as N	6	07/20/1972	07/25/1972
Total Phosphorus	6	07/20/1972	07/25/1972
Unionized Ammonia as N	6	07/20/1972	07/25/1972
Water Temperature	6	07/20/1972	07/25/1972

Station ID: PAS-WQ-57

Station Name: MISSISSIPPI SOUND OFF STAND OIL

Latitude: 30.3033, Longitude: -88.4875

Table 405: Available data at Station PAS-WQ-57

Variable	Number of Samples	First Date	Last Date
Ammonia as N	5	07/20/1972	07/25/1972
Dissolved Oxygen	9	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	9	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	5	07/20/1972	07/25/1972
Nitrate+Nitrite as N	5	07/20/1972	07/25/1972
Total Phosphorus	5	07/20/1972	07/25/1972
Unionized Ammonia as N	5	07/20/1972	07/25/1972
Water Temperature	9	07/20/1972	07/25/1972

Station ID: 273318

Station Name: PASCAGOULA BAY

Latitude: 30.3367, Longitude: -88.5103

Table 406: Available data at Station 273318

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	2	02/16/1965	02/19/1965
Dissolved Oxygen, % saturation	2	02/16/1965	02/19/1965
Water Temperature	2	02/16/1965	02/19/1965

Station ID: 273317

Station Name: PASCAGOULA BAY

Latitude: 30.3242, Longitude: -88.5128

Table 407: Available data at Station 273317

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	2	02/16/1965	02/19/1965
Dissolved Oxygen, % saturation	2	02/16/1965	02/19/1965
Water Temperature	2	02/16/1965	02/19/1965

Station ID: 273319

Station Name: PASCAGOULA BAY

Latitude: 30.3133, Longitude: -88.4967

Table 408: Available data at Station 273319

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	2	02/16/1965	02/19/1965
Dissolved Oxygen, % saturation	2	02/16/1965	02/19/1965
Water Temperature	2	02/16/1965	02/19/1965

Station ID: GND_gndblnut

Station Name: Bangs Lake

Latitude: 30.3571, Longitude: -88.4629

Table 409: Available data at Station GND_gndblnut

Variable	Number of Samples	First Date	Last Date
Ammonia as N	53	04/25/2005	12/07/2005
Chlorophyll A	12	03/21/2005	12/07/2005
Dissolved Phosphorus	52	03/21/2005	12/07/2005

Station ID: GND_gndbnnut

Station Name: Bangs Lake North

Latitude: 30.3669, Longitude: -88.4710

Table 410: Available data at Station GND_gndbnnut

Variable	Number of Samples	First Date	Last Date
Ammonia as N	11	05/23/2005	12/07/2005
Chlorophyll A	4	05/23/2005	12/07/2005
Dissolved Phosphorus	14	05/23/2005	12/07/2005

Station ID: GND_gndpcnut
 Station Name: Point Aux Chenes
 Latitude: 30.3486, Longitude: -88.4185

Table 411: Available data at Station GND_gndpcnut

Variable	Number of Samples	First Date	Last Date
Ammonia as N	8	08/16/2005	12/07/2005
Chlorophyll A	2	08/16/2005	12/07/2005
Dissolved Phosphorus	5	08/16/2005	12/07/2005

Station ID: GND_gndcrnut
 Station Name: Crooked Bayou
 Latitude: 30.3591, Longitude: -88.4200

Table 412: Available data at Station GND_gndcrnut

Variable	Number of Samples	First Date	Last Date
Ammonia as N	2	04/25/2005	12/07/2005
Chlorophyll A	1	03/21/2005	12/07/2005
Dissolved Phosphorus	10	03/21/2005	12/07/2005

Station ID: GND_gndbcnut
 Station Name: Bayou Cumbest
 Latitude: 30.3836, Longitude: -88.4364

Table 413: Available data at Station GND_gndbcnut

Variable	Number of Samples	First Date	Last Date
Ammonia as N	14	04/25/2005	12/07/2005
Chlorophyll A	3	03/21/2005	12/07/2005
Dissolved Phosphorus	15	03/21/2005	12/07/2005

Station ID: GND_gndbhnut
 Station Name: Bayou Heron
 Latitude: 30.4178, Longitude: -88.4054

Table 414: Available data at Station GND_gndbhnut

Variable	Number of Samples	First Date	Last Date
Ammonia as N	26	04/25/2005	12/07/2005
Chlorophyll A	4	03/21/2005	12/07/2005
Dissolved Phosphorus	24	03/21/2005	12/07/2005

Station ID: PAS-WQ-01
 Station Name: ESCATAWPA R SE OF HURLEY
 Latitude: 30.6272, Longitude: -88.4339

Table 415: Available data at Station PAS-WQ-01

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/20/1972	07/25/1972
Dissolved Oxygen	6	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	6	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	6	07/20/1972	07/25/1972
Nitrate+Nitrite as N	6	07/20/1972	07/25/1972
Total Phosphorus	6	07/20/1972	07/25/1972
Unionized Ammonia as N	6	07/20/1972	07/25/1972
Water Temperature	6	07/20/1972	07/25/1972

Station ID: PAS-WQ-06
 Latitude: 30.6142, Longitude: -88.6417

Table 416: Available data at Station PAS-WQ-06

Variable	Number of Samples	First Date	Last Date
Ammonia as N	6	07/20/1972	07/25/1972
Dissolved Oxygen	6	07/20/1972	07/25/1972
Dissolved Oxygen, % saturation	6	07/20/1972	07/25/1972
Total Kjeldahl Nitrogen	6	07/20/1972	07/25/1972
Nitrate+Nitrite as N	6	07/20/1972	07/25/1972
Total Phosphorus	6	07/20/1972	07/25/1972
Unionized Ammonia as N	6	07/20/1972	07/25/1972
Water Temperature	6	07/20/1972	07/25/1972

Station ID: 273440

Station Name: WEST PASCAGOULA R AT SINGING R C

Latitude: 30.5333, Longitude: -88.6000

Table 417: Available data at Station 273440

Variable	Number of Samples	First Date	Last Date
Dissolved Oxygen	18	03/29/1965	07/08/1965
Dissolved Oxygen, % saturation	18	03/29/1965	07/08/1965
Water Temperature	18	03/29/1965	07/08/1965

Station ID: 2480264

Station Name: BLUFF CREEK NEAR VANCLEAVE

Latitude: 30.5323, Longitude: -88.6821

Table 418: Available data at Station 2480264

Variable	Number of Samples	First Date	Last Date
Ammonia as N	2	08/07/1997	12/15/1997
Dissolved Oxygen	2	08/07/1997	12/15/1997
Dissolved Oxygen, % saturation	2	08/07/1997	12/15/1997
Total Kjeldahl Nitrogen	1	08/07/1997	08/07/1997
Nitrate+Nitrite as N	2	08/07/1997	12/15/1997
Total Phosphorus	2	08/07/1997	12/15/1997
Unionized Ammonia as N	2	08/07/1997	12/15/1997
Water Temperature	2	08/07/1997	12/15/1997

Station ID: 2480260

Station Name: MOUNGERS CREEK NEAR VANCLEAVE

Latitude: 30.5823, Longitude: -88.6767

Table 419: Available data at Station 2480260

Variable	Number of Samples	First Date	Last Date
Ammonia as N	2	05/25/1997	12/15/1997
Dissolved Oxygen	2	05/25/1997	12/15/1997
Dissolved Oxygen, % saturation	2	05/25/1997	12/15/1997
Total Kjeldahl Nitrogen	2	05/25/1997	12/15/1997
Nitrate+Nitrite as N	2	05/25/1997	12/15/1997
Total Phosphorus	2	05/25/1997	12/15/1997
Unionized Ammonia as N	2	05/25/1997	12/15/1997
Water Temperature	2	05/25/1997	12/15/1997

Reference

Dortch M.S., M. Zakikhani, M. R. Noel and S-C Kim. 2007. *Application of a water quality model to Mississippi Sound to evaluate impacts of freshwater diversions*. Technical Report EL-07-20. Vicksburg, MS: U.S. Army Engineer Research and Development Center.

