

## **APPENDIX A**

---

### **Maps of the Study Area**

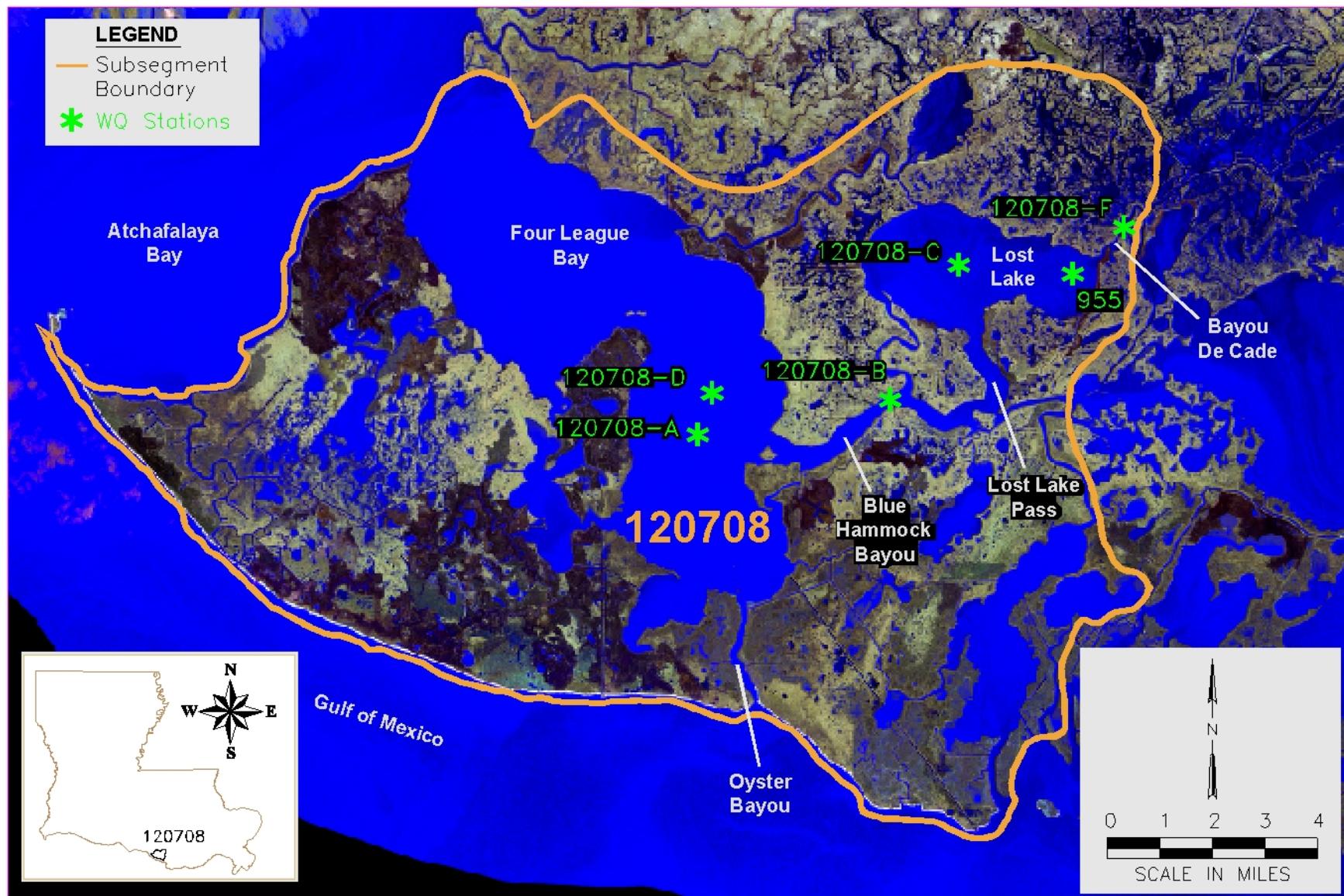


Figure A1. General watershed map for subsegment 120708.

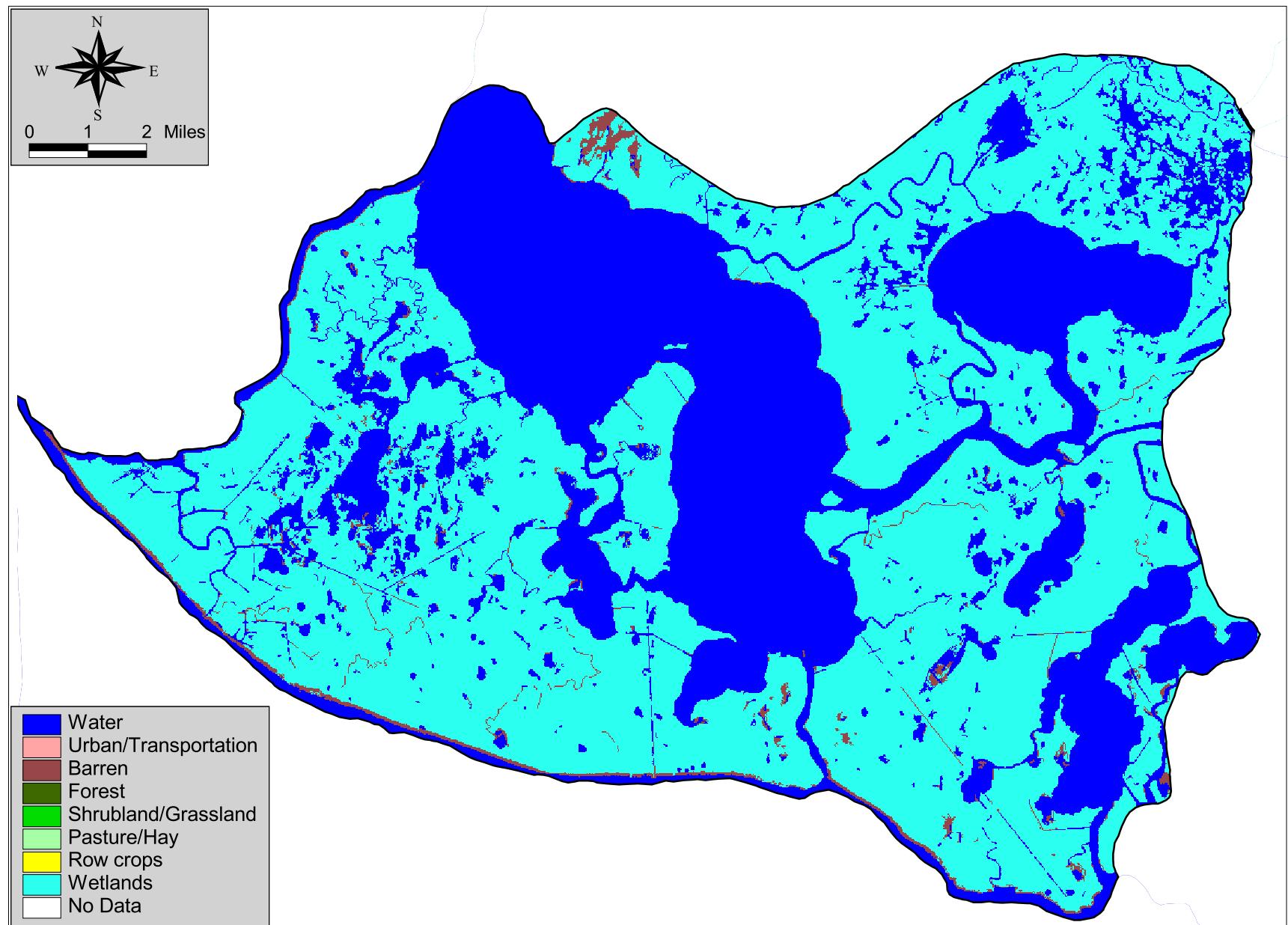


Figure A.2. Land use for Subsegment 120708.

## **APPENDIX B**

---

### **LDEQ Routine Monitoring Data**





Table B.3. LDEQ Historical data for LDEQ Station 957 (Caillou Bay south of Bayou Grand Caillou, Louisiana).

Date	Water Temp (C)	DO (mg/L)	Sp Cond (umhos/cm)	Salinity (ppm)	TOC (mg/L)	TKN (mg/L)	Ammonia (mg/L)
25-Jan-00	13.5	8.8	35,300	22.2	5.1	0.83	0.36
22-Feb-00	18.8	8.11	40,300	26.0	6.8	0.64	< 0.1
28-Mar-00	22.9	7.1	37,500	23.7	5.8	1.04	< 0.1
25-Apr-00	23.26	7.2	41,000	26.2	6.5	1.23	< 0.1
23-May-00	27.42	5.81	42,810	27.6	3.7	1.62	< 0.1
20-Jun-00	28.95	5.45	43,600	28.1	3.8	0.96	< 0.1
<b>25-Jul-00</b>	<b>28.45</b>	<b>6.01</b>	<b>36,310</b>	<b>22.9</b>	<b>4.3</b>	<b>0.93</b>	<b>&lt; 0.1</b>
22-Aug-00	30.87	6.01	32,000	19.9	5.3	0.86	< 0.1
19-Sep-00	26.21	6.54	39,380	25.0	6.2	0.97	< 0.1
17-Oct-00	22.7	6.84	45,710	29.6	4.1	0.84	0.16
14-Nov-00	15.06	7.8	38,100	24.2	8.1	1.61	0.17
19-Dec-00	11.09	9.41	30,650	19.0	8.5	0.79	< 0.1
04-Jan-05	16.87	8.81	37,020	23.6	7.7	0.45	< 0.1
25-Jan-05	10.44	10.31	15,150	9.6	6.4	0.56	< 0.1
01-Mar-05	15.93	9.35	9,900	5.7	5.3	0.65	< 0.1
08-Mar-05	16.13	8.73	14,560	8.5	5.3	0.64	< 0.1
12-Apr-05	22.84	7.55	23,010	13.9	5.8	0.47	< 0.1
18-Apr-05	21.76	8.21	25,720	15.6	8.8	0.5	< 0.1
10-May-05	24.3	7.4	40,000	25.4	8.5	< 0.1	< 0.1
07-Jun-05	28.15	6.26	38,860	24.8	6.6	0.43	< 0.1
28-Jun-05	29.4	6.5	33,700	21.2	4.9	0.36	< 0.1
<b>26-Jul-05</b>	<b>31.9</b>	<b>6.2</b>	<b>31,500</b>	<b>19.8</b>	<b>7.2</b>	<b>0.46</b>	<b>&lt; 0.1</b>
16-Aug-05	31.2	6.08	37,630	23.9	5.2	0.52	< 0.1

Avg of July values      30.175      6.105      33,905      21.35      5.75      0.695      0.05

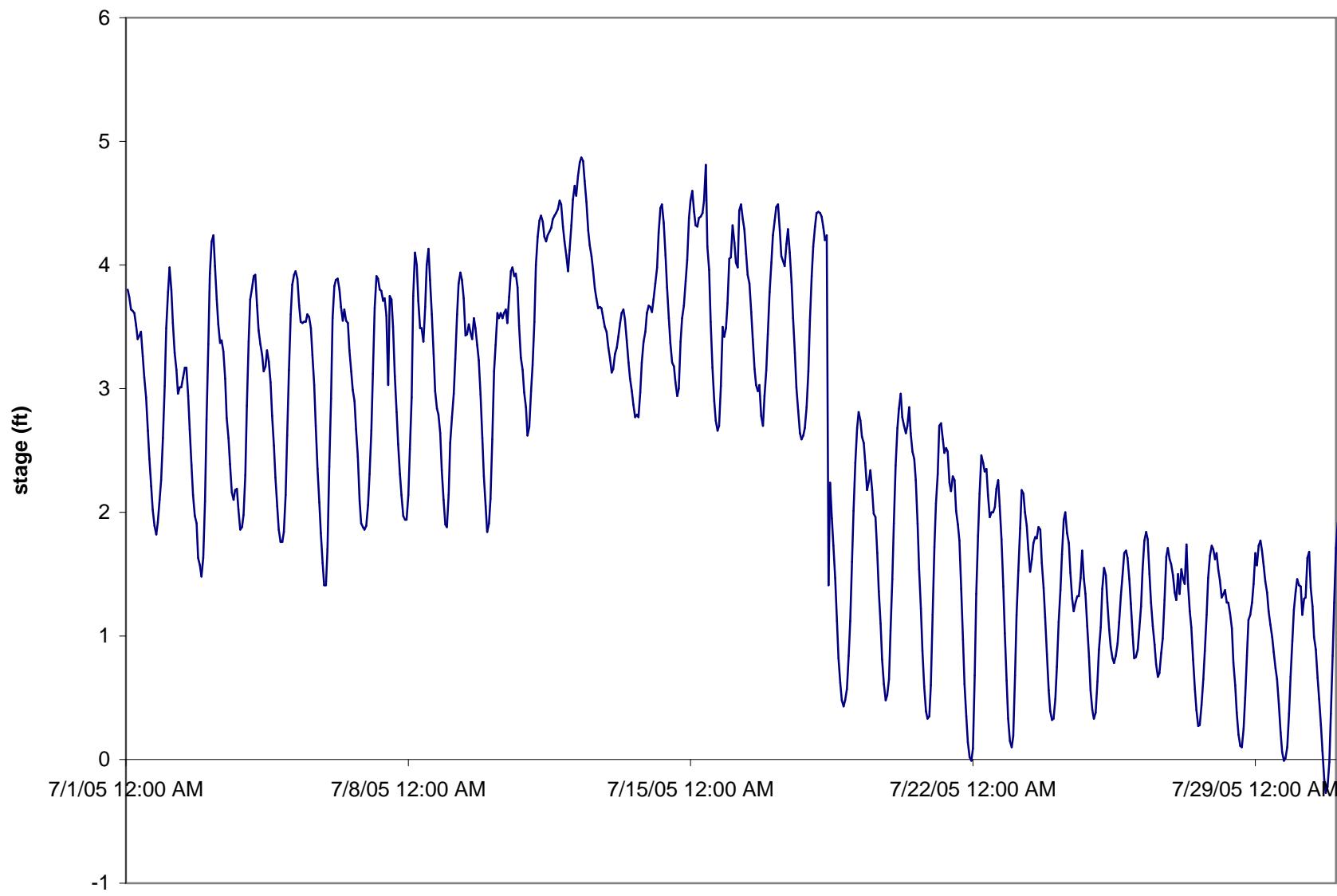
FILE: R:\PROJECTS\2110-616\TECH\LDEQ\_DATA\GENERAL QUERY - MBF 957 AND 962-RRB.XLS

## **APPENDIX C**

---

**Tidal Stage Data collected by the US Army Corps of Engineers**

**Figure C.1. Hourly stage data for Atchafalaya Bay near Eugene Island**



## **APPENDIX D**

---

**FTN Intensive Survey Data**

Table D.1. Revised list of field data collection sites for the Terrebonne basin field survey for DO TMDLs.

SUBSEG. NUMBER	SITE NO.	SITE NAME	DIRECTIONS	TYPE OF DATA TO COLLECT
<b>Upper Terrebonne basin</b>				
120102	120102-A	Bayou Poydras north of Erwinville, LA	At bridge near intersection of LA Hwy 413 and local road, about 1.5 miles north of US Hwy 190 at Erwinville, at Section 12 / 13 boundary	In situ, sample, flow, XS
Station 120102-A purpose for modeling = Headwater flow and quality for Bayou Poydras, and depth and width for upper end of Bayou Poydras				
120102	969	Bayou Poydras	At LA Hwy 76, 100 feet east of Bayou Poydras Road, 5 miles northeast of Rosedale, about 4 miles south of Erwinville	In situ, sample, flow, XS, contin.
Station 969 purpose for modeling = Depth and width for lower end of Bayou Poydras, calibration target for water quality in Bayou Poydras				
120103	120103-A	Tributary to Bayou Choctaw	At I-10 bridge west of Port Allen, about 1.0-1.5 miles E of Station 336	In situ, sample, flow
Station 120103-A purpose for modeling = Tributary flow and quality for unnamed tributary to Bayou Choctaw. No need to pull sample if no downstream flow.				
120103	120103-B	Bayou Tommy at LA Hwy 76	At LA Hwy 76, just W of LA Hwy 413, about 4 miles S of Erwinville	In situ, sample, flow
Station 120103-B purpose for modeling = Tributary flow and quality for Bayou Tommy. No need to pull sample if no downstream flow.				
120103	120103-C	Bayou Choctaw NW of Intracoastal Waterway	About 0.4 miles NW of confluence with Intracoastal Waterway, about 2-3 miles SE of I-10 bridge, just downstream of trib entering from NE	In situ, flow, XS
Station 120103-C purpose for modeling = Depth and width for lower end of Bayou Choctaw, calibration target for DO in Bayou Choctaw				
120103	336	Bayou Choctaw west of Port Allen, LA	At I-10 bridge west of Port Allen, about 5-6 miles east of Grosse Tete	In situ, sample, flow, XS
Station 336 purpose for modeling = Depth and width for upper end of Bayou Choctaw, calibration target for water quality in Bayou Choctaw				
120105	120105-A	Chamberlin Canal at US Hwy 190	At US Hwy 190, about 2 miles SW of Chamberlin, about 4-5 miles SE of Erwinville	In situ, sample, flow, XS
Station 120105-A purpose for modeling = Headwater flow and quality for Chamberlin Canal, and depth and width for upper end of Chamberlin Canal				
120105	120105-B	Stumpy Bayou at LA Hwy 76	At LA Hwy 76, just E of LA Hwy 413, about 4 miles S of Erwinville	In situ, sample, flow
Station 120105-B purpose for modeling = Tributary flow and quality for Stumpy Bayou. No need to pull sample if no downstream flow.				
120105	971	Chamberlin Canal	At LA Hwy 76 bridge, 4.8 miles west of Hwy 415, 5.5 miles SE of Erwinville, 6 miles NE of Grosse Tete	In situ, sample, flow, XS
Station 971 purpose for modeling = Depth and width for lower end of Chamberlin Canal, calibration target for water quality in Chamberlin Canal				

SUBSEG. NUMBER	SITE NO.	SITE NAME	DIRECTIONS	TYPE OF DATA TO COLLECT
120106	120106-A	Bayou Plaquemine at Plaquemine, LA	At LA Hwy 1 in Plaquemine, LA	In situ, sample, flow, XS
Station 120106-A purpose for modeling = Headwater flow and quality for Bayou Plaquemine, and depth and width for east end of Bayou Plaquemine. Can get flow rate from pumping station if available.				
120106	972	Bayou Plaquemine	0.5 miles E of Intracoastal WW, 2.5 miles NW of Crescent, 4.5 miles SW of Plaquemine	In situ, sample, XS
Station 972 purpose for modeling = Depth and width for west end of Bayou Plaquemine, calibration target for water quality in Bayou Plaquemine				
120107	120107-A	Superior Canal NE of Grand River, LA	About 0.2-0.3 miles north of confluence with Upper Grand River	In situ, sample, flow
Station 120107-A purpose for modeling = Tributary flow and quality for Superior Canal (and probably headwater quality for Lower Flat River).				
120107	120107-B	Upper Grand River near levee	Upper Grand River 0.1 mi E of Atchafalaya Basin Protection Levee Canal, 0.1-0.2 mi NE of station 998, about 6 mi SW of Indian Village	In situ, sample, flow, XS
Station 120107-B purpose for modeling = Headwater flow and quality for Upper Grand River, and depth and width for west end of Upper Grand River				
120107	120107-C	Lower Flat River E of Grand River, LA	About 1 mile northwest of confluence with Upper Grand River	In situ, sample, flow, XS
Station 120107-C purpose for modeling = Depth and width for Lower Flat River, calibration target for water quality in Lower Flat River. OK to skip flow if channel is too wide for accurate measurement within available time.				
120107	973	Upper Grand River, LA	LA Hwy 75 and 3066 intersection (The Parks), 6 miles SW of Plaquemines	In situ, sample, flow
Station 973 purpose for modeling = Depth and width for east end of Upper Grand River, calibration target for water quality in Upper Grand River				
120109	120109-A	Intracoastal Waterway at Port Allen, LA	At roadside access along north bank about 0.1 miles west of LA Hwy 1 bridge	In situ, sample, flow
Station 120109-A purpose for modeling = Headwater flow and quality for Intracoastal WW, and depth and width for upper end of Intracoastal Waterway. Exact location is not critical. If no boat access, will need to calculate daily flow from lockages and assume depth is similar to 120109-C.				
120109	120109-B	Intracoastal Waterway W of Brusly, LA	Access point at west end of LA Hwy 989-1	In situ, sample, XS
Station 120109-B purpose for modeling = Depth and width for Intracoastal Waterway, calibration target for water quality in Intracoastal Waterway				
120109	120109-C	Intracoastal Waterway upstream of Bayou Choctaw	Just upstream of Bayou Choctaw, just downstream of tributary entering from east	In situ, XS
Station 120109-C purpose for modeling = Depth and width for Intracoastal Waterway, calibration target for DO in Intracoastal Waterway.				
120109	120109-D	Intracoastal Waterway W of Brusly, LA	About 0.5 – 1.0 miles downstream (south) of 120109-B	In situ, XS
Station 120109-D purpose for modeling = Depth and width for Intracoastal Waterway, calibration target for DO in Intracoastal Waterway				

<b>SUBSEG. NUMBER</b>	<b>SITE NO.</b>	<b>SITE NAME</b>	<b>DIRECTIONS</b>	<b>TYPE OF DATA TO COLLECT</b>
120109	120109-E	Bayou Grosse Tete NW of Intracoastal Waterway	About 2 miles upstream of confluence with ICWW, just downstream of Caney Bayou, just upstream of connection with ICWW	In situ, sample, flow
Station 120109-E purpose for modeling = Tributary flow and quality for Bayou Grosse Tete. No need to pull sample if no downstream flow.				
120109	975	Intracoastal Waterway near Indian Village	1 mile north of Indian Village, 3 miles NW of Crescent, 5 miles SW of Plaquemine	In situ, flow, XS, contin.
Station 975 purpose for modeling = Depth and width for Intracoastal Waterway, calibration target for water quality in Intracoastal Waterway				
120109	120109-F	Intracoastal Waterway south of The Parks, LA	About 2 miles south of The Parks, along man-made section of ICWW where Lower Grand River runs parallel to the east	In situ, sample, flow, XS
Station 120109-F purpose for modeling = Depth and width for Intracoastal Waterway, calibration target for water quality in Intracoastal Waterway				
120109	80	Lower Grand River at Bayou Sorrel, LA	At bridge on State Hwy 75 spur in Bayou Sorrel (bridge may actually be about 0.5 mile south of Bayou Sorrel)	In situ, sample
Station 80 purpose for modeling = Calibration target for water quality in Intracoastal Waterway				
120110	120110-A	Bayou Cholpe west of Erwinville	At local road bridge about 1.0 – 1.5 miles southwest of intersection of LA Hwy 1 and US Hwy 90, about 2.5 – 3.0 miles west of Erwinville	In situ, sample, flow, XS
Station 120110-A purpose for modeling = Headwater flow and quality for Bayou Cholpe, and depth and width for Bayou Cholpe				
120110	976	Bayou Chalpin	Hwy 76 bridge, 250 yds west of Bayou Poydras Rd (Hwy 413), 4 miles South of Erwinville, 4.5 miles SW of Carey	In situ, sample, flow, XS
Station 976 purpose for modeling = Depth and width for Bayou Chalpin, calibration target for water quality in Bayou Chalpin				
<b>Lake Verret portion of Terrebonne basin</b>				
120204	120204-A	Bayou Pierre Part near Pierre Part, LA	At LA Hwy 70 at north end of Lake Verret	In situ, sample, flow
Station 120204-A purpose for modeling = Headwater flow and quality for Bayou Pierre Part (inflow to Lake Verret)				
120204	145	Lake Verret near Pierre Part, LA	1.2 miles northeast of landing at State Hwy 1016-1, 4.3 miles southeast of Pierre Part	In situ, sample, depth
Station 145 purpose for modeling = Depth for northern end of Lake Verret (will get width from DOQQs), and calibration target for water quality in Lake Verret				
120204	120204-B	Lake Verret west of Station 145	In Lake Verret about halfway between landing at State Hwy 1016 and Station 145, about 0.6 miles southwest of Station 145	In situ, depth
Station 120204-B purpose for modeling = Depth for northern end of Lake Verret (will get width from DOQQs), and calibration target for DO in Lake Verret				
120204	120204-C	Lake Verret east of Station 145	In Lake Verret about one third of the way from Station 145 to the mouth of Godchaux Canal, about 0.6 miles northeast of Station 145	In situ, depth
Station 120204-C purpose for modeling = Depth for northern end of Lake Verret (will get width from DOQQs), and calibration target for DO in Lake Verret				

<b>SUBSEG. NUMBER</b>	<b>SITE NO.</b>	<b>SITE NAME</b>	<b>DIRECTIONS</b>	<b>TYPE OF DATA TO COLLECT</b>
120204	120204-D	Godchaux Canal near Lake Verret	Godchaux Canal about 0.2-0.3 miles upstream (east) of Lake Verret	In situ, sample, flow, XS
Station 120204-D purpose for modeling = Depth and width for lower end of Godchaux Canal, calibration target for water quality in Godchaux Canal				
120204	120204-E	Godchaux Canal near Napoleonville	Godchaux Canal about downstream most (westernmost) bridge in Napoleonville	In situ, sample, flow, XS
Station 120204-E purpose for modeling = Headwater flow and quality for Godchaux Canal, and depth and width for upper end of Godchaux Canal				
120204	144	Lake Verret at Attakapas Landing near Georgia, LA	0.2 mile S of Attakapas Landing at end of State Hwy 401 and 6.7 miles W of Georgia	In situ, depth
120204	120204-F	Lake Verret south of Attakapas Landing	In Lake Verret about about 0.6-0.7 miles south of Attakapas Landing at end of State Hwy 401	In situ, sample, depth
Station 120204-F purpose for modeling = Depth for southern end of Lake Verret (will get width from DOQQs), and calibration target for WQ in Lake Verret				
120204	120204-G	Bayou Magazille	About 0.3-0.4 miles west (upstream?) of entrance to southern end of Lake Verret, about 3 miles east of road on Atchafalaya Basin levee	In situ, sample, flow
Station 120204-G purpose for modeling = Tributary flow and quality for Bayou Magazille (inflow to Lake Verret or Fourmile Bayou?)				
120204	120204-H	Fourmile Bayou near Lake Verret	About halfway between southern end of Lake Verret and confluence with Bayou Felix, about 2.4? miles south of Station 144	In situ, flow, XS
Station 120204-H purpose for modeling = Depth and width for Fourmile Bayou, and calibration target for DO in Fourmile Bayou				
120204	120204-I	Fourmile Bayou near Grassy Lake	About 0.2-0.3 miles north of Grassy Lake	In situ, XS
Station 120204-I purpose for modeling = Depth and width for Fourmile Bayou, and calibration target for DO in Fourmile Bayou				
120204	120204-J	Grassy Lake northeast of middle	In Grassy Lake about 0.2 miles northeast of Station 120204-K	In situ, depth
Station 120204-J purpose for modeling = Depth for Grassy Lake (will get width from DOQQs), calibration target for DO in Grassy Lake.				
120204	120204-K	Grassy Lake near middle	Near the middle of Grassy Lake	In situ, sample, depth
Station 120204-K purpose for modeling = Depth for Grassy Lake (will get width from DOQQs), calibration target for water quality in Grassy Lake.				
<b>Lower Terrebonne basin</b>				
120202	114	Bayou Black at Gibson, LA	Near bridge on LA Hwy 182 in Gibson, 4.0 miles east of Morgan City, 7.0 miles east of Amelia. Appears to be boat launch on Zimmer Rd about 500 ft SW of Hwy 182 bridge (along NW bank of Bayou Black)	In situ, sample, XS, flow, contin.
Station 114 purpose for modeling = Depth and width for western part of Bayou Black, and calibration target for water quality, continuous monitoring				

<b>SUBSEG. NUMBER</b>	<b>SITE NO.</b>	<b>SITE NAME</b>	<b>DIRECTIONS</b>	<b>TYPE OF DATA TO COLLECT</b>
120202	120202-A	Terrebonne-Lafourche Drainage Canal near Greenwood, LA	At bridge on Southdown Mandalay Rd along north side of Bayou Black	In situ, sample, flow
Station 120202-A purpose for modeling = Tributary flow and quality for Terrebonne-Lafourche Drainage Canal				
120202	120202-B	Bayou Black near Oak Forest, LA	At local bridge near Oak Forest, about 0.9 miles NW of 120202-A	In situ, XS from bridge
Station 120202-B purpose for modeling = Depth and width for middle part of Bayou Black, and calibration target for DO				
120202	120202-C	Bayou Black near Humphreys, LA	At local bridge near Humphreys, about 3 miles NW of Savenne Road bridge over Bayou Black	In situ, XS from bridge
Station 120202-C purpose for modeling = Depth and width for middle part of Bayou Black, and calibration target for DO				
120202	339	Bayou Black west of Houma, LA	At local bridge 1.5 miles northwest of Waterproof, LA, about 0.5 miles SE of Savenne Road bridge	In situ, sample, flow, XS
Station 339 purpose for modeling = Depth and width for eastern part of Bayou Black, and calibration target for water quality				
120304	340	Intracoastal Waterway east of Houma, LA	At LA Hwy 316 bridge in Bayou Blue, LA	In situ, sample
Station 340 purpose for modeling = Calibration target for water quality. OK to get surface sample with bucket and rope from bridge.				
120304	120304-A	Intracoastal Waterway at Larose, LA	At or near LA Hwy 1 bridge in Larose	In situ, sample, flow
Station 120304-A purpose for modeling = Calibration target if flow is towards the northeast, boundary condition if flow is towards the southwest				
120401	120401-A	Bayou Penchant southeast of Bayou Chene	About 1 mile SE of confluence with Bayou Chene, about 9 miles S of Morgan City (near location of USGS flow gage)	In situ, sample
Station 120401-A purpose for modeling = Headwater flow and quality for Bayou Penchant (will get hourly flows from USGS gage)				
120401	120401-B	Bayou Penchant near Bayou Copasaw	About 0.5 miles south of confluence with Bayou Copasaw, about 17 miles southwest of Houma	In situ, flow
Station 120401-B purpose for modeling = Calibration target for DO, and calibration target for flow in hydraulic model				
120401	120401-C	Bayou Copasaw near Bayou Penchant	About 0.5 miles east of confluence with Bayou Penchant, about 17 miles southwest of Houma	In situ, sample, flow
Station 120401-C purpose for modeling = Calibration target for water quality, and calibration target for flow in hydraulic model				
120401	120401-D	Bayou Penchant near Brady Canal	About 0.6-0.7 miles north of confluence with Brady Canal	In situ, sample
Station 120401-D purpose for modeling = Calibration target for water quality, and calibration target for flow in hydraulic model				
120401	120401-E	Little Carencro Bayou	About 0.4-0.5 miles east of confluence with Carencro Bayou	In situ, flow
Station 120401-E purpose for modeling = Calibration target for DO, and calibration target for flow in hydraulic model				

<b>SUBSEG. NUMBER</b>	<b>SITE NO.</b>	<b>SITE NAME</b>	<b>DIRECTIONS</b>	<b>TYPE OF DATA TO COLLECT</b>
120401	120401-F	Carencro Bayou (Bayou Carrion Crow)	About 0.4-0.5 miles NW of confluence with Little Carencro Bayou	In situ, flow
Station 120401-F purpose for modeling = Calibration target for DO, and calibration target for flow in hydraulic model				
120401	120401-G	Bayou Penchant near Kent Bayou Oil and Gas Field	About 5 miles SE of Bayou Chene, about 5 miles NW of northern end of Bayou Carencro	In situ, sample
Station 120401-G purpose for modeling = Calibration target for water quality				
120403	120403-A	Intracoastal Waterway between Bayou Chene and Bayou Black	About 0.5 miles west of confluence with Bayou Black, about 1 mile E of confluence with Bayou Chene, about 10 miles SE of Morgan City	In situ, flow, XS
Station 120403-A purpose for modeling = Depth and width, calibration target for DO, and calibration target for flow in hydraulic model				
120403	120403-B	Bayou Black near confluence with GIWW south of Lake Bridge, LA	About 0.5 miles north of confluence with Intracoastal Waterway, about 10 miles SE of Morgan City	In situ, flow, XS
Station 120403-B purpose for modeling = Depth and width, calibration target for DO, and calibration target for flow in hydraulic model				
120403	120403-C	Intracoastal Waterway east of confluence with Bayou Black S of Lake Bridge, LA	About 0.5 miles east of confluence with Bayou Black, about 10 miles SE of Morgan City	In situ, XS
Station 120403-C purpose for modeling = Depth and width, calibration target for DO				
120403	120403-D	Intracoastal Waterway west of Minors Canal	About 0.5 miles west of Minors Canal, about 7-8 miles SW of Houma	In situ, sample, flow, XS
Station 120403-D purpose for modeling = Depth and width, calibration target for water quality, and calibration target for flow in hydraulic model				
120403	120403-E	Minors Canal north of GIWW	About 0.5 miles north of Intracoastal Waterway, about 7-8 miles SW of Houma	In situ, flow, XS
Station 120403-E purpose for modeling = Depth and width, calibration target for DO, and calibration target for flow in hydraulic model				
120403	120403-F	Minors Canal south of GIWW	About 0.5 miles south of Intracoastal Waterway, about 7-8 miles SW of Houma	In situ, flow, XS
Station 120403-F purpose for modeling = Depth and width, calibration target for DO, and calibration target for flow in hydraulic model				
120403	120403-G	Bayou Boeuf at Amelia, LA	Near US 90 bridge	In situ, sample
Station 120403-G purpose for modeling = Tributary quality (will get hourly flows from USGS gage)				
120403	120403-H	Intracoastal Waterway near lock at Morgan City	About 3 miles SE of Bayou Boeuf lock at Morgan City, about 2 miles west of 120403-G	In situ, sample, XS
Station 120403-H purpose for modeling = Headwater quality (will estimate flows from lockages and pool elevations), and depth and width				

<b>SUBSEG. NUMBER</b>	<b>SITE NO.</b>	<b>SITE NAME</b>	<b>DIRECTIONS</b>	<b>TYPE OF DATA TO COLLECT</b>
120403	120403-I	Bayou Chene near Intracoastal Waterway	About 1 mile SW of confluence with Intracoastal Waterway, about 9 miles SE of Morgan City	In situ, sample
Station 120403-I purpose for modeling = Inflow water quality				
120403	120403-J	Houma Navigation Canal near Houma	About 0.5 miles south of confluence with Intracoastal Waterway	In situ, sample, flow
Station 120403-J purpose for modeling = Inflow water quality, and calibration target for flow in hydraulic model				
120404	120404-A	Lake Penchant	Near the middle of Lake Penchant, about 16 miles southwest of Houma	In situ, sample, depth (several spots)
Station 120404-A purpose for modeling = Calibration target for DO, and depth for Lake Penchant				
120404	935	Peoples Canal north of Bayou Mauvais Bois Ridge, LA	North of Bayou Mauvais Bois Ridge, midway between Lakes DeCade and Penchant	In situ, sample, XS, flow
Station 935 purpose for modeling = Calibration target for water quality, calibration target for flow in hydraulic model, and depth and width				
120405	120405-A	Lake Hatch	Near the middle of Lake Hatch, about 1.5 miles south of Intracoastal Waterway	In situ, sample, depth (several spots)
Station 120405-A purpose for modeling = Calibration target for water quality, and depth for Lake Hatch				
120405	120405-C	Marmande Canal between Minors Canal and Lake Theriot	Midway between Minors Canal and Lake Theriot	Flow
Station 120405-C purpose for modeling = Calibration target for flow in hydraulic model				
120405	120405-D	Marmande Canal east of Minors Canal	About 0.5 miles east of Minors Canal, along Marmande Ridge	In situ, sample, level logger
Station 120405-D purpose for modeling = Inflow water quality, stage boundary in hydraulic model				
120405	120405-E	Minors Canal north of Lake Theriot	1.2 mile north of Marmande Canal	in situ, cross section
Station 120405-E purpose for modeling = Calibration target for water quality, and depth and width				
120405	936	Minors Canal north of Marmande Ridge, LA	Approx 1000 ft north of Marmande Ridge, 4 miles West of Theriot 8 miles NW of Dulac, 8 miles south of Waterproof	In situ, sample
Station 936 purpose for modeling = Calibration target for water quality, calibration target for flow in hydraulic model, and depth and width				
120406	120406-A	Falgout Canal Bayou	About 0.7 miles east of Lake DeCade, about 2.5 miles west of Theriot	In situ, sample, level logger
Station 120406-A purpose for modeling = Inflow water quality, stage boundary in hydraulic model				

SUBSEG. NUMBER	SITE NO.	SITE NAME	DIRECTIONS	TYPE OF DATA TO COLLECT
120406	120406-B	Lake DeCade (eastern part)	East part of lake	In situ, depth, contin.
Station 120406-B purpose for modeling = Calibration target for DO, depth for Lake DeCade, and continuous monitoring				
120406	937	Lake DeCade (western part)	West part of lake, 9 miles SW of Theriot, 10 miles west of Dulac, 17 miles NW of Cocodrie	In situ, sample, depth
Station 937 purpose for modeling = Calibration target for water quality, and depth for Lake DeCade				
120604	945	Bayou Blue SSW of Larose, LA	Highway 24 bridge 2 miles SSW of Larose, 4 miles west of Cutoff, 8 miles east of Grandbois, 6 miles NW of Belle Amie	In situ, sample, flow
Station 945 purpose for modeling = Calibration target if flow is towards the south, boundary condition if flow is towards the north				
120708	955	Lost Lake (eastern part)	Approximately one half mile west of Bayou De Cade, 20 miles WSW of Dulac, 23 miles WNW of Cocodrie	In situ, depth
Station 955 purpose for modeling = Calibration target for DO, and depth for Lost Lake				
120708	120708-A	Four League Bay	In southeastern half of Four League Bay, about 1 mile WNW of confluence with Blue Hammock Bayou	In situ, sample, depth
Station 120708-A purpose for modeling = Calibration target for water quality, and depth for Four League Bay				
120708	120708-B	Blue Hammock Bayou	About halfway between Lost Lake and Four League Bay, just downstream of Rice Bayou confluence	In situ, flow, XS
Station 120708-B purpose for modeling = Calibration target for DO, calibration target for flow in hydraulic model, and depth and width				
120708	120708-C	Lost Lake (western part)		In situ, sample, depth
Station 120708-C purpose for modeling = Calibration target for water quality, and depth for Lost Lake				
120708	120708-D	Four League Bay	About 0.6-0.7 miles north of 120708-A	In situ, depth
Station 120708-D purpose for modeling = Calibration target for DO, and depth for Four League Bay				
120708	120708-F	Bayou de Cade near Lost Lake	About 0.9-1.0 miles northeast of east end of Lost Lake	In situ, sample, flow
Station 120708-F purpose for modeling = Possible boundary condition if 120708 is simulated as separate model				

Note: "contin." = continuous in situ monitoring





































**FIELD SHEETS ARE AVAILABLE  
FROM EPA UPON REQUEST.**