Water-Data Report 2013

07381590 Wax Lake Outlet at Calumet, LA

Atchafalaya-Vermilion Basin
Atchafalaya Subbasin

LOCATION.--Lat 29°41′52″, long 91°22′22″ referenced to North American Datum of 1927, in sec.56, T.15 S., R.11 E., St. Mary Parish, LA, Hydrologic Unit 08080101, at Southern Railways System bridge, 0.03 mi downstream from State Highway 90, 0.35 mi downstream from Bayou Teche, 0.5 miles west of Calumet, and 9.8 mi west of Morgan City.

DRAINAGE AREA.--Indeterminate.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 1986 to current year. October 1976 to May 1986 (gage height and discharge measurements only).

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is 0.56 ft below NAVD 88.

REMARKS.--Records good. Relief outlet for Atchafalaya Basin. Site affected by tide at all stages. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 323,000 ft^3/s, May 27, 2011; maximum gage height, 10.94 ft, May 29, 2011; Maximum negative discharge, -174,000 ft^3/s, Oct 3, 2002; minimum gage height, -1.15 ft, Dec 23, 1989.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height since 1942, 11.02 ft, May 27, 1973; minimum gage height, -2.82 ft, Oct 18, 1948, from records of the Corps of Engineers, New Orleans District.

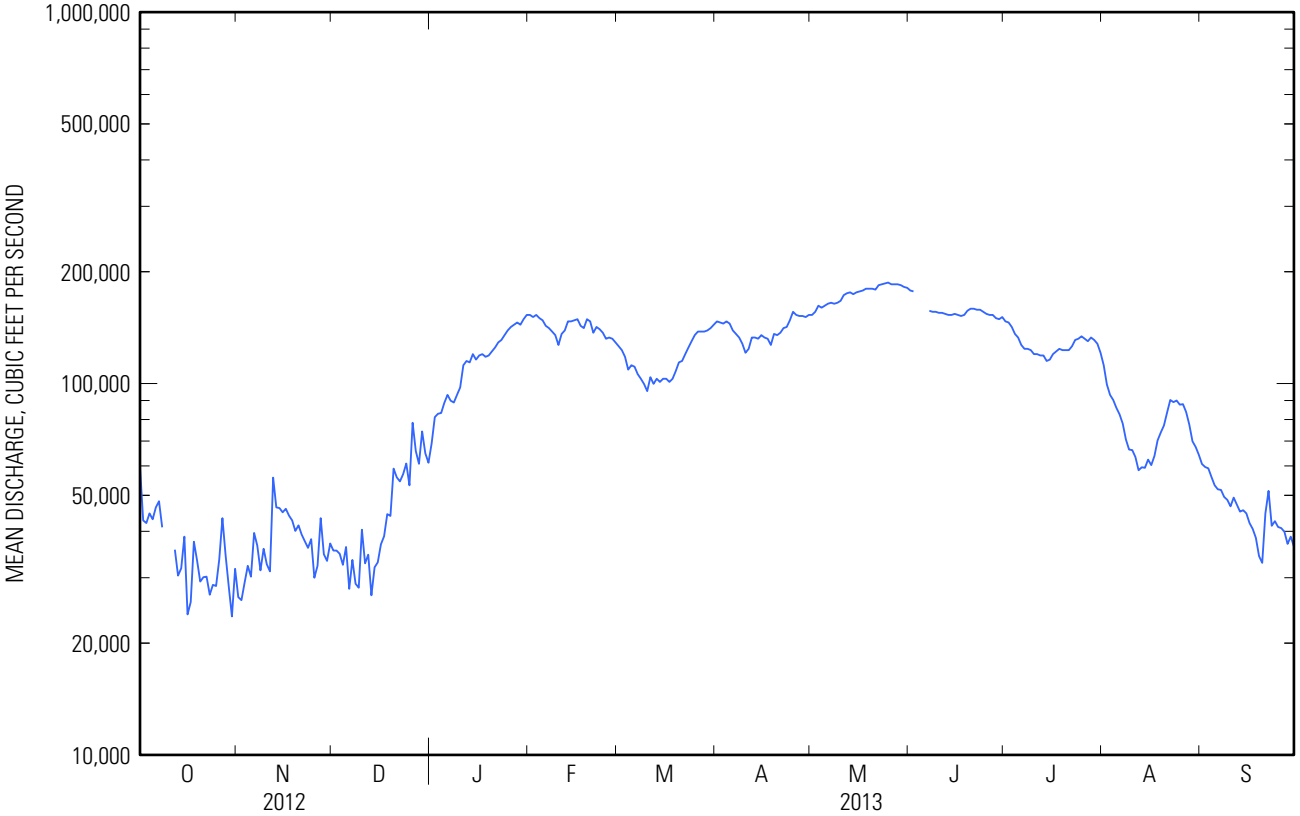
EXTREMES FOR CURRENT YEAR.--Maximum discharge, 198,000 ft^3/s, May 25, 28; gage height, 6.40 ft, May 30; maximum negative discharge, -27,300 ft^3/s, Dec. 13; minimum gage height, 0.19 ft, Oct. 29.

07381590 Wax Lake Outlet at Calumet, LA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	59,800	26,600	35,500	69,000	153,000	126,000	147,000	153,000	178,000	147,000	112,000	60,700
2	42,800	26,100	35,500	81,200	151,000	123,000	146,000	156,000	177,000	146,000	99,400	59,600
3	42,100	29,100	34,800	82,900	153,000	118,000	145,000	162,000	---	142,000	93,200	59,100
4	44,700	32,300	32,500	83,300	150,000	109,000	147,000	160,000	---	136,000	90,300	56,000
5	43,100	30,200	36,300	88,700	148,000	112,000	145,000	162,000	---	133,000	86,000	53,200
6	46,400	39,600	28,000	93,200	143,000	111,000	139,000	164,000	---	127,000	82,600	51,900
7	48,200	36,600	33,500	89,900	141,000	106,000	136,000	165,000	157,000	124,000	78,000	51,700
8	41,000	31,400	28,900	88,900	138,000	103,000	133,000	164,000	156,000	124,000	70,700	49,500
9	---	35,900	28,200	93,200	135,000	99,700	128,000	165,000	156,000	123,000	66,400	48,600
10	---	32,600	40,400	97,600	127,000	95,400	121,000	167,000	155,000	120,000	66,200	46,700
11	---	31,200	32,800	112,000	136,000	104,000	124,000	173,000	155,000	120,000	63,400	49,300
12	35,700	55,800	34,600	115,000	139,000	99,800	133,000	175,000	154,000	119,000	58,400	47,200
13	30,400	46,400	26,900	114,000	147,000	103,000	133,000	176,000	153,000	119,000	59,500	45,200
14	31,800	46,200	32,000	120,000	147,000	101,000	132,000	174,000	153,000	115,000	59,300	45,600
15	38,700	45,000	33,000	116,000	148,000	103,000	135,000	176,000	154,000	116,000	62,400	44,700
16	23,900	46,000	36,900	119,000	149,000	103,000	133,000	177,000	153,000	120,000	60,300	42,100
17	25,800	44,100	38,800	120,000	143,000	101,000	132,000	178,000	152,000	122,000	63,800	40,600
18	37,500	42,800	44,500	118,000	141,000	103,000	127,000	180,000	153,000	124,000	70,300	38,400
19	33,400	40,100	44,000	119,000	149,000	108,000	136,000	180,000	157,000	123,000	73,800	34,300
20	29,300	41,500	59,000	122,000	147,000	114,000	135,000	180,000	159,000	123,000	77,100	32,900
21	30,100	39,200	55,900	125,000	137,000	115,000	137,000	179,000	159,000	123,000	83,600	44,700
22	30,200	37,600	54,500	129,000	142,000	120,000	141,000	184,000	158,000	126,000	90,300	51,400
23	27,000	36,100	57,000	131,000	140,000	125,000	142,000	185,000	158,000	131,000	89,100	41,400
24	28,700	38,100	60,900	135,000	137,000	130,000	148,000	186,000	156,000	132,000	90,000	42,600
25	28,500	30,000	53,200	139,000	132,000	135,000	156,000	187,000	154,000	134,000	87,700	41,100
26	33,600	32,300	78,400	142,000	133,000	138,000	153,000	185,000	153,000	132,000	88,000	40,800
27	43,400	43,400	65,800	144,000	132,000	138,000	152,000	185,000	153,000	130,000	83,800	39,900
28	34,500	34,700	60,800	146,000	129,000	138,000	152,000	185,000	150,000	133,000	77,500	37,000
29	28,400	33,300	74,300	144,000	---	139,000	151,000	184,000	149,000	131,000	69,900	38,700
30	23,600	37,100	64,900	149,000	---	141,000	153,000	182,000	151,000	128,000	67,500	36,400
31	31,700	---	61,200	153,000	---	144,000	---	181,000	---	121,000	64,300	---
Total	---	1,121,300	1,403,000	3,579,900	3,967,000	3,605,900	4,192,000	5,410,000	---	3,944,000	2,384,800	1,371,300

07381590 Wax Lake Outlet at Calumet, LA—Continued



07381590 Wax Lake Outlet at Calumet, LA—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.92	1.77	2.14	2.32	4.42	3.31	4.45	5.01	6.15	4.78	3.57	2.83
2	2.17	2.02	2.09	1.80	4.44	3.20	4.52	5.02	5.99	4.73	3.23	2.65
3	2.25	2.06	2.07	1.90	4.39	3.18	4.74	4.82	e5.82	4.75	3.13	2.53
4	2.11	2.01	2.18	2.13	4.49	3.32	4.53	4.97	e5.69	4.70	2.99	2.52
5	2.18	2.05	1.73	2.28	4.47	3.22	4.12	5.16	---	4.66	2.82	2.50
6	2.10	1.73	2.03	2.18	4.40	3.03	4.24	5.05	---	4.70	2.71	2.46
7	1.59	1.50	2.07	2.55	4.44	3.10	4.25	5.03	5.28	4.56	2.50	2.36
8	1.86	1.66	2.08	2.74	4.26	3.04	4.28	5.16	5.21	4.44	2.47	2.31
9	---	1.78	2.26	3.10	4.11	3.18	4.42	5.33	5.35	4.24	2.57	2.43
10	---	2.17	1.88	3.56	4.37	3.50	4.64	5.65	5.23	4.08	2.76	2.50
11	---	3.00	1.43	3.84	4.18	3.06	4.56	5.77	5.15	3.99	2.63	2.39
12	2.14	2.40	1.39	3.79	4.41	3.13	4.10	5.63	5.03	3.86	2.54	2.48
13	2.27	1.79	1.45	3.68	4.25	3.05	4.13	5.61	4.93	3.72	2.48	2.67
14	2.32	2.20	1.78	3.17	4.33	3.07	4.47	5.65	4.81	3.76	2.52	2.56
15	2.00	1.97	2.15	3.25	4.38	3.16	4.31	5.67	4.81	3.94	2.41	2.57
16	2.07	1.96	2.02	2.99	4.06	3.25	4.30	5.74	4.86	4.02	2.48	2.59
17	2.64	1.99	2.17	2.86	4.13	3.51	4.28	5.83	4.87	4.22	2.59	2.59
18	2.29	1.98	1.79	3.06	4.40	3.55	4.60	5.85	4.92	4.34	2.70	2.61
19	2.08	1.94	2.10	3.30	4.32	3.49	4.13	5.91	4.90	4.40	2.94	2.83
20	2.19	1.84	1.71	3.42	4.26	3.47	4.03	5.99	4.99	4.49	3.11	3.06
21	2.32	1.75	1.05	3.58	4.51	3.72	4.27	6.07	5.04	4.73	3.20	3.34
22	2.24	1.82	1.74	3.65	4.27	4.03	4.35	6.19	5.12	4.66	3.26	2.38
23	2.30	2.04	2.02	3.79	4.14	3.96	4.63	6.17	5.25	4.50	3.28	2.76
24	2.50	1.68	2.01	3.85	4.08	3.89	4.78	6.05	5.28	4.38	3.33	2.85
25	2.57	2.10	2.83	3.99	4.31	3.55	4.60	6.04	5.19	4.25	3.47	2.49
26	2.31	2.54	1.88	4.05	4.14	3.66	4.82	6.12	5.15	4.15	3.36	2.45
27	1.17	2.15	2.00	4.19	3.82	3.85	4.89	6.15	5.05	4.20	3.27	2.28
28	1.02	1.85	2.64	4.36	3.51	3.99	4.90	6.21	4.95	3.97	3.16	2.58
29	0.93	2.09	1.59	4.51	---	4.16	4.96	6.26	5.01	3.95	3.00	2.54
30	1.66	2.05	1.65	4.76	---	4.32	4.98	6.30	4.83	3.94	2.93	2.65
31	1.74	---	2.14	4.37	---	4.39	---	6.24	---	3.83	2.90	---
Max	---	3.00	2.83	4.76	4.51	4.39	4.98	6.30	---	4.78	3.57	3.34
Min	---	1.50	1.05	1.80	3.51	3.03	4.03	4.82	---	3.72	2.41	2.28

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1956, 1959-60, 1973 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1976 to September 1984, May 1990 to September 1992.
CHLORIDE-SURFACE: October 1974 to September 1984, May 1990 to September 1992.
CHLORIDE-25 FT DEPTH: December 1980 to September 1984, May 1990 to September 1992.
CHLORIDE-45 FT DEPTH: December 1980 to September 1984, May 1990 to September 1992.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum daily, 33.0°C July 20, 1978; minimum daily, 2.0°C Jan. 4, 5, 1984.
CHLORIDE-SURFACE: Maximum daily, 150 mg/L June 13, 14, 1977; minimum daily, 9.1 mg/L Apr. 15, 1976.
CHLORIDE-25 FT DEPTH: Maximum daily, 110 mg/L Nov. 5,7,8,10,11, 1981; minimum daily, 12 mg/L May 27, 1984.
CHLORIDE-45 FT DEPTH: Maximum daily, 110 mg/L Mar. 8, Nov. 5,7,8,10,11, 1981; minimum daily, 12 mg/L May 27, 28, 1984.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 1 of 5

[$CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; cm, centimeter; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Absorbance, UV, 254 nm, 1 cm path length, water, filtered, units per cm (50624)	Absorbance, UV, organic constituents, 280 nm, 1 cm path length, water, filtered, units per cm (61726)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conduc-tance, water, unfiltered, µS/cm at 25°C (00095)	Tempera-ture, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)	Gage height, ft (00065)
10-11-2012	0000	--	--	--	--	--	--	--	--
10-24-2012	0900	.108	.078	8.3	7.9	454	22.3	E 14	2.39
12-06-2012	0900	.091	.065	10.5	8.1	495	13.7	E 10	1.90
01-17-2013	0900	.221	.169	8.8	8.3	191	10.7	190	2.85
02-20-2013	0900	.184	.142	10.1	8.3	229	9.6	120	4.01
03-04-2013	1340	--	--	--	--	--	--	--	--
03-20-2013	0900	.137	.101	10.3	8.0	317	11.7	48	3.18
03-21-2013	1340	--	--	--	--	--	--	--	--
04-04-2013	1200	--	--	--	--	--	--	--	--
04-10-2013	0900	.147	.109	9.5	7.7	307	13.5	71	4.85
04-17-2013	1300	--	--	--	--	--	--	--	--
04-24-2013	0900	.173	.129	7.3	7.5	286	18.4	76	4.77
05-08-2013	0900	.173	.130	7.0	7.3	270	16.7	100	5.21
05-15-2013	1220	--	--	--	--	--	--	--	--
05-22-2013	0900	.163	.123	6.2	7.3	299	21.4	44	--
06-05-2013	1100	.180	.136	5.1	7.4	300	25.6	46	--
06-19-2013	0900	.219	.173	5.7	7.2	311	26.3	89	4.96
07-02-2013	1330	--	--	--	--	--	--	--	--
07-11-2013	1300	--	--	--	--	--	--	--	--
07-17-2013	0900	.120	.086	6.1	7.7	345	27.4	86	4.30
07-31-2013	1000	.125	.090	5.4	7.5	342	29.1	46	4.00
08-21-2013	0900	.112	.081	6.1	7.8	420	28.3	58	3.24
08-21-2013	1010	--	--	--	--	--	--	--	--
09-25-2013	1330	--	--	--	--	--	--	--	--

07381590 Wax Lake Outlet at Calumet, LA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 2 of 5

[$CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; cm, centimeter; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Dissolved solids dried at 180°C, water, filtered, mg/L (70300)	Calcium, water, filtered, mg/L (00915)	Magne-sium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)	Sodium, water, filtered, mg/L (00930)	Alkalinity, water, filtered, inflection-point, incremental titration method, field, mg/L as $CaCO_3$ (39086)	Bicarbonate, water, filtered, inflection-point, incremental titration method, field, mg/L (00453)	Carbon (inorganic plus organic), suspended sediment, total, mg/L (00694)
10-11-2012	0000	--	--	--	--	--	--	--	--
10-24-2012	0900	269	39.2	14.2	3.62	32.0	114	138	1.12
12-06-2012	0900	292	42.0	16.1	3.73	35.0	118	143	1.04
01-17-2013	0900	119	18.1	5.23	2.72	12.0	51.9	63.0	5.36
02-20-2013	0900	142	21.9	6.57	2.59	10.9	54.4	65.2	5.09
03-04-2013	1340	--	--	--	--	--	--	--	--
03-20-2013	0900	185	30.1	8.81	2.49	15.8	86.5	104	2.43
03-21-2013	1340	--	--	--	--	--	--	--	--
04-04-2013	1200	--	--	--	--	--	--	--	--
04-10-2013	0900	190	28.3	8.89	2.93	17.8	--	81.3	2.45
04-17-2013	1300	--	--	--	--	--	--	--	--
04-24-2013	0900	174	28.9	8.51	2.64	13.9	81.6	99.0	3.93
05-08-2013	0900	176	28.2	8.36	3.05	11.1	78.8	95.8	4.38
05-15-2013	1220	--	--	--	--	--	--	--	--
05-22-2013	0900	181	33.7	9.70	2.98	10.7	93.2	113	2.74
06-05-2013	1100	167	30.8	9.04	3.02	12.3	91.6	111	2.28
06-19-2013	0900	186	31.6	8.63	3.33	12.7	87.1	106	4.12
07-02-2013	1330	--	--	--	--	--	--	--	--
07-11-2013	1300	--	--	--	--	--	--	--	--
07-17-2013	0900	210	38.1	12.2	3.51	13.4	104	125	4.37
07-31-2013	1000	205	36.5	11.4	3.16	13.3	103	125	30.1
08-21-2013	0900	248	39.7	12.0	3.51	24.6	111	134	2.40
08-21-2013	1010	--	--	--	--	--	--	--	--
09-25-2013	1330	--	--	--	--	--	--	--	--

07381590 Wax Lake Outlet at Calumet, LA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 3 of 5

[$CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; cm, centimeter; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Inorganic carbon, suspended sediment, total, mg/L (00688)	Silica, water, filtered, mg/L as SiO_2 (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia plus organic nitrogen, water, filtered, mg/L as N (00623)	Ammonia plus organic nitrogen, water, unfiltered, mg/L as N (00625)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)
10-11-2012	0000	--	--	--	--	--	--	--	--	--
10-24-2012	0900	26.8	.18	< .03	4.92	65.8	.26	.39	< .010	.423
12-06-2012	0900	30.4	.19	< .03	5.08	76.8	.29	.45	< .010	.666
01-17-2013	0900	14.3	.09	.23	6.74	21.1	.40	1.0	.051	.371
02-20-2013	0900	13.0	.09	.03	6.08	25.7	.40	.70	.032	.836
03-04-2013	1340	--	--	--	--	--	--	--	--	--
03-20-2013	0900	22.0	.10	.23	6.06	32.7	.35	.56	.027	1.26
03-21-2013	1340	--	--	--	--	--	--	--	--	--
04-04-2013	1200	--	--	--	--	--	--	--	--	--
04-10-2013	0900	22.0	.11	< .03	6.10	32.2	.39	.71	.021	1.20
04-17-2013	1300	--	--	--	--	--	--	--	--	--
04-24-2013	0900	16.4	.12	< .03	5.50	29.3	.38	.68	< .010	1.16
05-08-2013	0900	14.4	.13	< .03	6.19	24.8	.37	.79	< .010	1.71
05-15-2013	1220	--	--	--	--	--	--	--	--	--
05-22-2013	0900	14.0	.13	< .03	6.26	26.2	.34	.55	.012	1.76
06-05-2013	1100	15.1	.15	< .03	5.83	24.8	.47	.59	.011	1.46
06-19-2013	0900	18.3	.16	< .03	6.52	23.9	.54	.76	.012	2.14
07-02-2013	1330	--	--	--	--	--	--	--	--	--
07-11-2013	1300	--	--	--	--	--	--	--	--	--
07-17-2013	0900	15.3	.17	< .03	7.96	33.7	.29	.68	< .010	2.46
07-31-2013	1000	16.5	.16	< .03	7.31	29.9	.44	.55	.010	1.52
08-21-2013	0900	29.5	.20	< .03	7.16	44.2	.40	.53	< .010	.992
08-21-2013	1010	--	--	--	--	--	--	--	--	--
09-25-2013	1330	--	--	--	--	--	--	--	--	--

07381590 Wax Lake Outlet at Calumet, LA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 4 of 5

[$CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; cm, centimeter; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Nitrite, water, filtered, mg/L as N (00613)	Orthophosphate, water, filtered, mg/L as P (00671)	Particulate nitrogen, suspended in water, mg/L (49570)	Phosphorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)	Iron, water, filtered, µg/L (01046)	Lithium, water, filtered, µg/L (01130)	Strontium, water, filtered, µg/L (01080)
10-11-2012	0000	--	--	--	--	--	--	--	--
10-24-2012	0900	.003	.067	.140	.070	.116	26.0	8.18	229
12-06-2012	0900	.002	.056	.203	.062	.099	11.2	11.3	261
01-17-2013	0900	.008	.053	.872	.065	.451	265	2.74	97.7
02-20-2013	0900	.013	.055	.762	.069	.304	206	2.47	103
03-04-2013	1340	--	--	--	--	--	--	--	--
03-20-2013	0900	.010	.054	.157	.065	.176	196	3.10	140
03-21-2013	1340	--	--	--	--	--	--	--	--
04-04-2013	1200	--	--	--	--	--	--	--	--
04-10-2013	0900	.024	.053	.342	.064	.220	150	3.13	127
04-17-2013	1300	--	--	--	--	--	--	--	--
04-24-2013	0900	.011	.065	.488	.075	.262	177	3.32	126
05-08-2013	0900	.013	.062	.628	.067	.298	141	2.46	116
05-15-2013	1220	--	--	--	--	--	--	--	--
05-22-2013	0900	.019	.068	.264	.071	.190	92.3	2.46	117
06-05-2013	1100	.003	.083	.242	.087	.213	112	2.70	123
06-19-2013	0900	.002	.095	.367	.095	.299	82.1	2.52	126
07-02-2013	1330	--	--	--	--	--	--	--	--
07-11-2013	1300	--	--	--	--	--	--	--	--
07-17-2013	0900	.002	.110	.421	.111	.311	23.8	3.50	139
07-31-2013	1000	.003	.093	.655	.099	.208	21.2	3.88	138
08-21-2013	0900	.002	.089	.135	.097	.227	15.8	5.80	168
08-21-2013	1010	--	--	--	--	--	--	--	--
09-25-2013	1330	--	--	--	--	--	--	--	--

07381590 Wax Lake Outlet at Calumet, LA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 5 of 5

[$CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; cm, centimeter; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Vanadium, water, filtered, µg/L (01085)	Arsenic, water, filtered, µg/L (01000)	Boron, water, filtered, µg/L (01020)	Selenium, water, filtered, µg/L (01145)	Organic carbon, suspended sediment, total, mg/L (00689)	Organic carbon, water, filtered, mg/L (00681)
10-11-2012	0000	--	--	--	--	--	--
10-24-2012	0900	1.7	1.7	72	.57	1.12	4.06
12-06-2012	0900	1.2	1.4	82	.49	1.03	3.38
01-17-2013	0900	1.5	1.0	33	.23	5.13	5.73
02-20-2013	0900	1.2	.94	27	.30	5.06	5.19
03-04-2013	1340	--	--	--	--	--	--
03-20-2013	0900	1.0	.83	34	.37	2.21	4.00
03-21-2013	1340	--	--	--	--	--	--
04-04-2013	1200	--	--	--	--	--	--
04-10-2013	0900	1.1	.98	32	.42	2.45	4.45
04-17-2013	1300	--	--	--	--	--	--
04-24-2013	0900	1.3	1.0	28	.43	3.93	5.32
05-08-2013	0900	1.4	1.1	26	.45	4.38	4.89
05-15-2013	1220	--	--	--	--	--	--
05-22-2013	0900	1.3	1.2	25	.48	2.74	4.47
06-05-2013	1100	1.5	1.5	26	.48	2.28	4.46
06-19-2013	0900	1.9	1.6	28	.45	4.12	5.04
07-02-2013	1330	--	--	--	--	--	--
07-11-2013	1300	--	--	--	--	--	--
07-17-2013	0900	2.1	1.6	33	.53	4.37	3.80
07-31-2013	1000	2.1	1.9	33	.52	30.1	3.98
08-21-2013	0900	2.5	1.9	43	.58	2.40	3.87
08-21-2013	1010	--	--	--	--	--	--
09-25-2013	1330	--	--	--	--	--	--

07381590 Wax Lake Outlet at Calumet, LA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
[ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm, millimeters]

Date	Sample start time	Discharge, instanta-neous, ft^3/s (00061)	Suspended sediment, sieve diameter, percent smaller than 0.0625 mm (70331)	Suspended sediment concen-tration, mg/L (80154)	Suspended sediment discharge, tons per day (80155)
10-11-2012	**0000**	39,600	100	113	12,200
10-24-2012	**0900**	32,000	100	19	1,640
12-06-2012	**0900**	29,300	100	13	1,030
01-17-2013	**0900**	120,000	95	271	87,800
02-20-2013	**0900**	146,000	87	182	71,700
03-04-2013	**1340**	103,000	100	184	51,400
03-20-2013	**0900**	116,000	95	85	26,600
03-21-2013	**1340**	103,000	99	189	52,700
04-04-2013	**1200**	143,000	93	238	92,000
04-10-2013	**0900**	116,000	98	103	32,300
04-17-2013	**1300**	134,000	99	182	66,000
04-24-2013	**0900**	143,000	92	149	57,500
05-08-2013	**0900**	163,000	86	181	79,700
05-15-2013	**1220**	176,000	86	166	79,100
05-22-2013	**0900**	185,000	79	117	58,400
06-05-2013	**1100**	166,000	85	97	43,500
06-19-2013	**0900**	155,000	92	145	60,700
07-02-2013	**1330**	145,000	97	230	90,100
07-11-2013	**1300**	117,000	100	197	62,400
07-17-2013	**0900**	120,000	97	159	51,500
07-31-2013	**1000**	117,000	97	103	32,500
08-21-2013	**0900**	84,500	99	114	26,000
08-21-2013	**1010**	84,300	100	209	47,700
09-25-2013	**1330**	57,300	100	92	14,300