Water-Data Report 2009

300403089481300 Chef Menteur Pass at Chef Menteur

Lake Pontchartrain Basin
Eastern Louisiana Coastal Subbasin

LOCATION.--Lat 30°04′03″, long 89°48′13″ referenced to North American Datum of 1927, Orleans Parish, LA, Hydrologic Unit 08090203.

WATER-QUALITY RECORDS

REMARKS.--Samples collected as part of a water-quality survey on the effects of the diversion of fresh water from the Mississippi River through the Bonnet Carre Spillway into Lake Pontchartrain. The diversion was operated for flood control purposes from April 11 to May 8, 2008.

COOPERATION.--U.S. Army Corps of Engineers, New Orleans District.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 1 of 5
[Remark codes: <, less than; E, estimated.]

Date	Time	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif-ic conduc-tance, wat unf µS/cm @ 25 degC (00095)	Temper-ature, water, deg C (00010)	Sus-pended solids, water, unfltrd mg/L (00530)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka-linity, wat flt inf tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt infl pt titr., field, mg/L (00453)	Carbon-ate, wat flt infl pt titr., field, mg/L (00452)
Oct													
03...	1100	7.4	7.7	14,500	24.8	41	107	292	94.0	2,460	66.2	79.5	.6

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 2 of 5
[Remark codes: <, less than; E, estimated.]

Date	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO2 (00955)	Sulfate water, fltrd, mg/L (00945)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L as P (00666)	Phos-phorus, water, unfltrd mg/L as P (00665)	Chloro-phyll a phyto-plank-ton, fluoro, µg/L (70953)
Oct													
03...	4,850	.40	3.6	648	.33	.52	E.050	<.04	.003	.024	.032	.068	11.3

300403089481300 Chef Menteur Pass at Chef Menteur—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 3 of 5
[Remark codes: <, less than; E, estimated.]

Date	Pheophytin a, phytoplankton, µg/L (62360)	Iron, water, fltrd, µg/L (01046)	Manganese, water, fltrd, µg/L (01056)	CIAT, water, fltrd, µg/L (04040)	CEAT, water, fltrd, µg/L (04038)	Acetochlor, water, fltrd, µg/L (49260)	Alachlor, water, fltrd, µg/L (46342)	Ametryn water, fltrd, µg/L (38401)	Atrazine, water, fltrd, µg/L (39632)	Bromacil, water, fltrd, µg/L (04029)	Butachlor, water, fltrd, µg/L (04026)	Butylate, water, fltrd, µg/L (04028)	Carboxin, water, fltrd, µg/L (04027)
Oct													
03...	2.6	<40	E1.6	<.05	<.05	<.05	<.05	<.05	.05	<.20	<.05	<.05	<.05

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 4 of 5
[Remark codes: <, less than; E, estimated.]

Date	Cyanazine, water, fltrd, µg/L (04041)	Cycloate, water, fltrd, µg/L (04031)	Diphenamid, water, fltrd, µg/L (04033)	Hexazinone, water, fltrd, µg/L (04025)	Metolachlor, water, fltrd, µg/L (39415)	Metribuzin, water, fltrd, µg/L (82630)	Prometon, water, fltrd, µg/L (04037)	Prometryn, water, fltrd, µg/L (04036)	Propachlor, water, fltrd, µg/L (04024)	Propazine, water, fltrd, µg/L (38535)	Simazine, water, fltrd, µg/L (04035)	Simatryn, water, fltrd, µg/L (04030)	Terbacil, water, fltrd, µg/L (04032)
Oct													
03...	<.20	<.05	<.05	<.20	<.05	<.05	<.05	<.05	<.05	<.05	<.05	<.05	<.20

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 5 of 5
[Remark codes: <, less than; E, estimated.]

Date	Trifluralin, water, fltrd, µg/L (04023)	Vernolate, water, fltrd, µg/L (04034)	Organic carbon, water, unfltrd mg/L (00680)
Oct			
03...	<.05	<.05	7.6