383232090370901 MERAMEC RIVER STREAMBED SEDIMENT, ME 04

Lower Mississippi Basin
Meramec Subbasin

LOCATION.--Lat 38°32′32″, long 90°37′09″ referenced to North American Datum of 1983, St. Louis County, MO, Hydrologic Unit 07140102.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 2009.

COOPERATION.--Missouri Department of Natural Resources.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 4
[Remark codes: <, less than.]

Date	Time	Medium name	Instantaneous discharge, ft³/s (00061)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf µS/cm @ 25 degC (00095)	Temperature, water, deg C (00010)	Sampling depth, feet (00003)
Aug									
04...	0940	Bottom material	1,110	6.8	84	8.3	403	26.2	1.00
04...	*0941*	*QC sample - Bottom material*	--	*6.8*	*83*	*8.3*	*403*	*26.2*	*1.00*
04...	*0942*	*QC sample - Bottom material*	--	*6.8*	*84*	*8.3*	*404*	*26.2*	*1.00*

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 4
[Remark codes: <, less than.]

Date	Location in X-sect. looking dwnstrm ft from l bank (00009)	Calcium bed sed <62.5um wet svd fld,tot µg/g (65171)	Magnesium, bed sed <62.5um wet svd fld,tot µg/g (65174)	Potassium, bed sed <62.5um wet svd fld,tot µg/g (65176)	Sodium, bed sed <62.5um wet svd fld,tot µg/g (65178)	Phosphorus, bed sed <62.5um wet svd fld,tot µg/g (65175)	Aluminum, bed sed <62.5um wet svd fld,tot µg/g (65170)	Barium, bed sed <62.5um wet svd field, total, µg/g (34805)	Beryllium, bed sed <62.5um wet svd fld,tot µg/g (34810)	Cadmium bed sed <62.5um wet svd field, total, µg/g (34825)	Cerium, bed sed <62.5um wet svd field, total, µg/g (34835)	Cesium, bed sed <62.5um wet svd fld,tot µg/g (65172)	Chromium, bed sed <62.5um wet svd fld,tot µg/g (34840)
Aug													
04...	3.00	8,200	4,900	15,000	5,600	530	43,000	690	1.2	.8	68	2.90	44
04...	*4.00*	*8,400*	*5,100*	*15,000*	*5,500*	*530*	*45,000*	*710*	*1.5*	*.8*	*73*	*3.10*	*46*
04...	*3.00*	*8,600*	*4,900*	*15,000*	*5,600*	*470*	*42,000*	*720*	*1.0*	*.7*	*69*	*2.90*	*41*

383232090370901 MERAMEC RIVER STREAMBED SEDIMENT, ME 04—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 3 of 4
[Remark codes: <, less than.]

Date	Cobalt, bed sed <62.5um wet svd field, total, µg/g (34845)	Copper, bed sed <62.5um wet svd field, total, µg/g (34850)	Gallium bed sed <62.5um wet svd field, total, µg/g (34860)	Iron, bed sed <62.5um wet svd fld,tot µg/g (65173)	Lantha-num, bed sed <62.5um wet svd fld,tot µg/g (34885)	Lead, bed sed <62.5um wet svd field, total, µg/g (34890)	Lithium bed sed <62.5um wet svd field, total, µg/g (34895)	Mangan-ese, bed sed <62.5um wet svd fld,tot µg/g (34905)	Mercury bed sed <62.5um wet svd field, total, µg/g (34910)	Molyb-denum, bed sed <62.5um wet svd fld,tot µg/g (34915)	Nickel, bed sed <62.5um wet svd field, total, µg/g (34925)	Rubid-ium, bed sed <62.5um wet svd fld,tot µg/g (65177)	Scand-ium, bed sed <62.5um wet svd fld,tot µg/g (34945)
Aug													
04...	11	20	10	19,000	35	130	21	740	.04	.6	24	60.8	7
04...	*11*	*20*	*10*	*20,000*	*38*	*140*	*21*	*840*	*.04*	*.6*	*19*	*63.2*	*7*
04...	*10*	*19*	*9*	*18,000*	*36*	*120*	*21*	*720*	*.04*	*.5*	*17*	*60.8*	*7*

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

Date	Silver, bed sed <62.5um wet svd field, total, µg/g (34955)	Stront-ium, bed sed <62.5um wet svd fld,tot µg/g (34965)	Thall-ium, bed sed <62.5um wsv nat total, µg/g (04060)	Titan-ium, bed sed <62.5um wet svd fld,tot µg/g (65179)	Vana-dium, bed sed <62.5um wet svd fld,tot µg/g (35005)	Yttrium bed sed <62.5um wet svd field, total, µg/g (35010)	Zinc, bed sed <62.5um wet svd field, total, µg/g (35020)	Anti-mony, bed sed <62.5um wet svd fld,tot µg/g (34795)	Arsenic bed sed <62.5um wet svd field, total, µg/g (34800)	Thorium bed sed <62.5um wet svd field, total, µg/g (34980)	Uranium bed sed <62.5um wet svd field, total, µg/g (35000)
Aug											
04...	<1.0	90	.54	4,300	63	23	110	.7	5.6	10	2.7
04...	*<1.0*	*90*	*.55*	*4,200*	*65*	*23*	*110*	*.8*	*6.0*	*10*	*2.7*
04...	*<1.0*	*94*	*.52*	*4,300*	*60*	*22*	*99*	*.7*	*5.6*	*10*	*2.7*