



Water-Data Report 2006

05268300 MISSISSIPPI RIVER BELOW RICE, MN

Upper Mississippi-Crow-Rum Basin
Platte-Spunk Subbasin

LOCATION.--Lat 45°43'38", long 94°13'18" referenced to North American Datum of 1983, Stearns County, MN, Hydrologic Unit 07010201.

WATER-QUALITY RECORDS

REMARKS.--The Mississippi River Longitudinal Study is an integrated chemical and biological investigation of stream-bed sediment and multiple fish species at approximately 41 sites along the Mississippi River from Bemidji, Minn. to Winona, Wisc. during June and July, 2006. The objective of this integrated chemical and biological study is to determine concentrations of selected compounds in stream-bed sediment. Stream-bed sediment samples were collected and analyzed using established USGS techniques.

COOPERATION.--Minnesota Pollution Control Agency, St. Cloud State University, USGS National Research Program.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 1 of 5

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Time	Sample type	1,4-Di-chloro-benzene solids, ug/kg (63163)	1-Methyl-naphthalene solids, ug/kg (63165)	2,6-Di-methyl-naphthalene solids, ug/kg (63167)	2-Methyl-naphthalene solids, ug/kg (63168)	3-beta-Coprostanol, ug/kg (63170)	3-Methyl-1H-indole, ug/kg (63171)	3-tert-Butyl-4-hydroxy-anisole solids, ug/kg (63172)	4-Cumyl-phenol, ug/kg (63173)	4-n-Octyl-phenol, ug/kg (63174)	4-Nonyl-phenol, ug/kg (63175)
Jul 07...	1315	Bed material	<30	<30	M	<30	<300	M	<90	<30	<30	<450

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 2 of 5

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	4-tert-Octyl-phenol, solids, ug/kg (63176)	9,10-Anthraquinone solids, ug/kg (63181)	Acetophenone solids, ug/kg (63178)	Acetyl hexaMe tetraH naphthalene, solids, ug/kg (63179)	Anthracene, solids, ug/kg (63180)	Atrazine, solids, ug/kg (63182)	BDE congenr 47, solids, ug/kg (63166)	Benzo[a]pyrene, solids, ug/kg (63183)	Benzo-phenone, solids, ug/kg (63184)	beta-Sitosterol, solids, ug/kg (63185)	beta-Stigmasterol, solids, ug/kg (63186)	Bis(2-ethyl-hexyl) phthalate, solids, ug/kg (63187)	A-d3, surrog Sch WCS pct rcv (90735)
Jul 07...	<30	<30	M	<30	<30	<60	<30.0	<30	<30	E310	E80	<150	42

05268300 MISSISSIPPI RIVER BELOW RICE, MN—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 3 of 5

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Brom- acil, solids, ug/kg (63189)	Camphor solids, ug/kg (63192)	Car- bazole, solids, ug/kg (63194)	Chlor- pyrifos solids, ug/kg (63195)	Chol- esterol solids, ug/kg (63196)	Deca- fluoro- bi- phenyl, surrog, Sch WCS pct rcv (90737)	DEET, solids, ug/kg (63219)	Di- azinon, solids, ug/kg (63198)	Di- ethoxy- nonyl- phenol, solids, ug/kg (63200)	Di- ethoxy- octyl- phenol, solids, ug/kg (63201)	Di- ethyl phthal- ate, solids, ug/kg (63202)	D-Li- monene, solids, ug/kg (63203)	Ethoxy- octyl- phenol, solids, ug/kg (63206)
Jul 07...	<300	<30	<30	<30	E230	32	<60	<30	<600	<30	<60	<30	<150

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 4 of 5

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Date	Fluoran thene, solids, ug/kg (63208)	Fluor- an- thene- d10, surrog, Sch WCS pct rcv (90738)	HHCB, solids, ug/kg (63209)	Indole, solids, ug/kg (63210)	Iso- borneol solids, ug/kg (63211)	iso- phorone solids, ug/kg (63212)	Iso- propyl- benzene solids, ug/kg (63213)	Isoquin oline, solids, ug/kg (63214)	Menthol solids, ug/kg (63215)	Metola- chlor, solids, ug/kg (63218)	Mono- ethoxy- nonyl- phenol, solids, ug/kg (63221)	Naphth- alene, solids, ug/kg (63220)	p- Cresol, solids, ug/kg (63222)
Jul 07...	<30	83	<30	E10	<30	<30	<60	<60	<30	<30	<300	<30	<150

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 5 of 5

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Phenan- threne, solids, ug/kg (63224)	Phenol, solids, ug/kg (63225)	Pro- meton, solids, ug/kg (63226)	Pyrene, solids, ug/kg (63227)	Tributy phos- phate, solids, ug/kg (63231)	Tri- closan, solids, ug/kg (63232)	Tri- phenyl phos- phate, solids, ug/kg (63234)	Tris(2- butoxy- ethyl) phos- phate, solids, ug/kg (63229)	Tris(2- chloro- ethyl) phos- phate, solids, ug/kg (63230)	Tris- (diCl- i-Pr) phos- phate, solids, ug/kg (63235)	Data base number
Jul 07...	<30	<30	<30	M	<30	<30.0	<30	<90	<60	<60	01