



Water-Data Report 2007

395033083002900 Scioto River US of CW-104

Scioto Basin
Upper Scioto Subbasin

LOCATION.--Lat 39°50'33.06", long 83°00'29.10" referenced to North American Datum of 1983, Franklin County, OH, Hydrologic Unit 05060001.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--December of 2005 to October of 2006

REMARKS.--The water quality samples described in the following table were collected and analyzed as part of a study on emerging contaminants in the Scioto River Basin, central Ohio. The objective of the study is to characterize the occurrence and concentrations of wastewater compounds at the selected sites.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 1 of 6

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

Date	Time	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd std units (00400)	Specif- ic conduc- tance, wat unf µS/cm 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	1,4-Di- chloro- benzene water, fltrd, µg/L (34572)	1- Methyl- naphth- alene, water, fltrd, µg/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, µg/L (62055)	2- Methyl- naphth- alene, water, fltrd, µg/L (62056)	3-beta- Copros- tanol, water, fltrd, µg/L (62057)	3- Methyl- 1H- indole, water, fltrd, µg/L (62058)
Oct 19...	1315	740	9.9	7.9	608	16.0	13.8	<.1	<.1	<.2	<.1	<2	<.08

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 2 of 6

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

Date	3-tert- Butyl- 4-hy- droxy- anisole wat flt µg/L (62059)	4- Cumyl- phenol, water, fltrd, µg/L (62060)	4- Octyl- phenol, water, fltrd, µg/L (62061)	4- Nonyl- phenol, all isomers wat flt µg/L (62085)	4-Nonyl -phenol di- ethox- ylate, wat flt µg/L (62083)	4-Octyl -phenol di- ethox- ylate, wat flt µg/L (61705)	4-Octyl -phenol mono- ethox- ylate, wat flt µg/L (61706)	4-tert- Octyl- phenol, water, fltrd, µg/L (62062)	5-Meth- yl-1H- benzo- azole, wat flt µg/L (62063)	9,10- Anthra- quinone water, fltrd, µg/L (62066)	Aceto- phenone water, fltrd, µg/L (62064)	AHTN, water, fltrd, µg/L (62065)	Anthra- cene, water, fltrd, µg/L (34221)
Oct 19...	<.6	<.14	<.16	<2	<5	<1	<1	<.10	<2	<.2	<.1	M	<.1

395033083002900 Scioto River US of CW-104—Continued

WATER-QUALITY DATA

WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 3 of 6

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Date	Benzo- [a]- pyrene, water, fltrd, µg/L (34248)	Benzo- phenone water, fltrd, µg/L (62067)	beta- Sitos- terol, water, fltrd, µg/L (62068)	beta- Stigmas tanol, water, fltrd, µg/L (62086)	Broma- cil, water, fltrd, µg/L (04029)	Caf- feine, water, fltrd, µg/L (50305)	Camphor water, fltrd, µg/L (62070)	Car- baryl, water, fltrd 0.7u GF µg/L (82680)	Carba- zole, water, fltrd, µg/L (62071)	Chlor- pyrifos water, fltrd, µg/L (38933)	Choles- terol, water, fltrd, µg/L (62072)	Cot- inine, water, fltrd, µg/L (62005)	DEET, water, fltrd, µg/L (62082)
Oct 19...	<.1	<.2	<2	<2	<.4	E.1	M	<.1	<.1	<.2	<.1	<.400	E.1

WATER-QUALITY DATA

WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 4 of 6

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Date	Diazi- non, water, fltrd, µg/L (39572)	D-Limo- nene, water, fltrd, µg/L (62073)	Fluor- anthene water, fltrd, µg/L (34377)	HHCb, water, fltrd, µg/L (62075)	Indole, water, fltrd, µg/L (62076)	Isobor- neol, water, fltrd, µg/L (62077)	Iso- phorone water, fltrd, µg/L (34409)	Iso- propyl- benzene water, fltrd, µg/L (62078)	Iso- quin- oline, water, fltrd, µg/L (62079)	Menthol water, fltrd, µg/L (62080)	Meta- laxyl, water, fltrd, µg/L (50359)	Methyl salicy- late, water, fltrd, µg/L (62081)	Metola- chlor, water, fltrd, µg/L (39415)
Oct 19...	<.2	<.1	M	M	<.1	<.1	M	<.1	<.4	<.2	<.2	M	E.1

WATER-QUALITY DATA

WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 5 of 6

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Date	Naphth- alene, water, fltrd, µg/L (34443)	p- Cresol, water, fltrd, µg/L (62084)	Phenan- threne, water, fltrd, µg/L (34462)	Phenol, water, fltrd, µg/L (34466)	Prome- ton, water, fltrd, µg/L (04037)	Pyrene, water, fltrd, µg/L (34470)	Tetra- chloro- ethene, water, fltrd, µg/L (34476)	Tri- bromo- methane water, fltrd, µg/L (34288)	Tri- butyl phos- phate, water, fltrd, µg/L (62089)	Triclo- san, water, fltrd, µg/L (62090)	Tri- ethyl citrate water, fltrd, µg/L (62091)	Tri- phenyl phos- phate, water, fltrd, µg/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt µg/L (62093)
Oct 19...	<.1	<.18	<.1	<.4	<.4	M	<.2	<.1	M	<.2	M	<.2	E.5

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**WATER-QUALITY DATA
WATER YEAR OCTOBER 2006
TO SEPTEMBER 2007**

Part 6 of 6

[Remark codes: <, less than;
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Date	Tris(2-chloro-ethyl) phosphate, wat flt µg/L (62087)	Tris(di-chloro-i-Pr) phosphate, wat flt µg/L (62088)
Oct		
19...	M	<.2