



Water-Data Report 2010

445856093192101 WIRTH LAKE NEAR CENTER IN MINNEAPOLIS, MN

Upper Mississippi-Crow-Rum Basin
Twin Cities Subbasin

LOCATION.--Lat 44°58'56", long 93°19'21" referenced to North American Datum of 1983, Hennepin County, MN, Hydrologic Unit 07010206.

WATER-QUALITY RECORDS

REMARKS.--Data reported here are part of a larger project to identify emerging contaminants in sediments from five urban lakes in Minneapolis, MN. At each lake, recently-deposited surface sediments were sampled at specific sites and then analyzed for the occurrence of trace organics and selected emerging contaminants. At each site, composite samples were collected in one general location from the top five centimeters of sediment.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Part 1 of 7

[<, less than; E, estimated]

Date	Sample start time	Medium name	Carbon (inorganic plus organic), bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, grams per kilogram (49272)	Inorganic carbon, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, grams per kilogram (49270)	1,4-Dichlorobenzene, solids, recoverable, dry weight, micrograms per kilogram (63163)	Atrazine, solids, recoverable, dry weight, micrograms per kilogram (63182)	Bromacil, solids, recoverable, dry weight, micrograms per kilogram (63189)	Camphor, solids, recoverable, dry weight, micrograms per kilogram (63192)	Carbazole, solids, recoverable, dry weight, micrograms per kilogram (63194)
12-15-2009	1455	Bottom material	130	39	< 290	< 570	< 2,900	< 290	E 90

445856093192101 WIRTH LAKE NEAR CENTER IN MINNEAPOLIS, MN—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 2 of 7

[<, less than; E, estimated]

Date	Chlorpyrifos, solids, recoverable, dry weight, micrograms per kilogram (63195)	DEET, solids, recoverable, dry weight, micrograms per kilogram (63219)	Diazinon, solids, recoverable, dry weight, micrograms per kilogram (63198)	Metolachlor, solids, recoverable, dry weight, micrograms per kilogram (63218)	p-Cresol, solids, recoverable, dry weight, micrograms per kilogram (63222)	Prometon, solids, recoverable, dry weight, micrograms per kilogram (63226)	1-Methylnaphthalene, solids, recoverable, dry weight, micrograms per kilogram (63165)	2,6-Dimethylnaphthalene, solids, recoverable, dry weight, micrograms per kilogram (63167)	2-Methylnaphthalene, solids, recoverable, dry weight, micrograms per kilogram (63168)	3-beta-Coprostanol, solids, recoverable, dry weight, micrograms per kilogram (63170)
	12-15-2009	< 290	< 570	< 290	< 290	< 1,400	< 290	< 290	500	E 40

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 3 of 7

[<, less than; E, estimated]

Date	3-Methyl-1H-indole, solids, recoverable, dry weight, micrograms per kilogram (63171)	3-tert-Butyl-4-hydroxyaniline, solids, recoverable, dry weight, micrograms per kilogram (63172)	4-Cumylphenol, solids, recoverable, dry weight, micrograms per kilogram (63173)	4-n-Octylphenol, solids, recoverable, dry weight, micrograms per kilogram (63174)	4-Nonylphenol (sum of all isomers), solids, recoverable, dry weight, micrograms per kilogram (63175)	4-Nonylphenol diethoxylate (sum of all isomers), solids, recoverable, dry weight, micrograms per kilogram (63200)	4-Nonylphenol monoethoxylate (sum of all isomers), solids, recoverable, dry weight, micrograms per kilogram (63221)	4-tert-Octylphenol diethoxylate, solids, recoverable, dry weight, micrograms per kilogram (63201)	4-tert-Octylphenol monoethoxylate, solids, recoverable, dry weight, micrograms per kilogram (63206)	4-tert-Octylphenol, solids, recoverable, dry weight, micrograms per kilogram (63176)
	12-15-2009	E 140	< 860	E 80	< 290	< 4,300	< 5,700	< 2,900	< 290	< 1,400

445856093192101 WIRTH LAKE NEAR CENTER IN MINNEAPOLIS, MN—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 4 of 7

[<, less than; E, estimated]

Date	9,10- Anthraquin one, solids, recoverabl e, dry weight, microgram s per kilogram (63181)	Acetyl hexamethy l one, solids, recoverabl e, dry weight, microgram s per kilogram (63178)	tetrahydro naphthale ne, solids, recoverabl e, dry weight, microgram s per kilogram (63179)	Anthracen e, solids, recoverabl e, dry weight, microgram s per kilogram (63180)	BDE congener 47, solids, recoverabl e, dry weight, microgram s per kilogram (63166)	Benzo[a]py rene, solids, recoverabl e, dry weight, microgram s per kilogram (63183)	Benzophen one, solids, recoverabl e, dry weight, microgram s per kilogram (63184)	beta- Sitosterol, solids, recoverabl e, dry weight, microgram s per kilogram (63185)	beta- Stigmasta nol, solids, recoverabl e, dry weight, microgram s per kilogram (63186)	Bis(2- ethylhexyl) phthalate, solids, recoverabl e, dry weight, microgram s per kilogram (63187)
	12-15-2009	E 310	< 860	< 290	E 190	< 286	550	< 290	E 7,000	E 10,000

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 5 of 7

[<, less than; E, estimated]

Date	Bisphenol A, solids, recoverabl e, dry weight, microgram s per kilogram (63188)	Cholester ol, solids, recoverabl e, dry weight, microgram s per kilogram (63196)	Diethyl phthalate, solids, recoverabl e, dry weight, microgram s per kilogram (63202)	D- Limonene, solids, recoverabl e, dry weight, microgram s per kilogram (63203)	Fluoranth ene, solids, recoverabl e, dry weight, microgram s per kilogram (63208)	Hexahydro hexamethy l cyclopenta benzopyra n, solids, recoverabl e, dry weight, microgram s per kilogram (63209)	Indole, solids, recoverabl e, dry weight, microgram s per kilogram (63210)	Isoborneol, solids, recoverabl e, dry weight, microgram s per kilogram (63211)	Isophorone , solids, recoverabl e, dry weight, microgram s per kilogram (63212)	Isopropylb enzene, solids, recoverabl e, dry weight, microgram s per kilogram (63213)
	12-15-2009	< 290	E 6,200	< 570	< 290	1,600	< 290	E 1,400	< 290	E 80

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**WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Part 6 of 7

[<, less than; E, estimated]

Date	Isoquinoline, solids, recoverable, dry weight, micrograms per kilogram (63214)	Menthol, solids, recoverable, dry weight, micrograms per kilogram (63215)	Naphthalene, solids, recoverable, dry weight, micrograms per kilogram (63220)	Phenanthrene, solids, recoverable, dry weight, micrograms per kilogram (63224)	Phenol, solids, recoverable, dry weight, micrograms per kilogram (63225)	Pyrene, solids, recoverable, dry weight, micrograms per kilogram (63227)	Tributyl phosphate, solids, recoverable, dry weight, micrograms per kilogram (63231)	Triclosan, solids, recoverable, dry weight, micrograms per kilogram (63232)	Triphenyl phosphate, solids, recoverable, dry weight, micrograms per kilogram (63234)	Tris(2-butoxyethyl) phosphate, solids, recoverable, dry weight, micrograms per kilogram (63229)
12-15-2009	< 570	< 290	E 70	690	< 720	1,300	< 290	< 286	< 290	< 860

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Part 7 of 7

[<, less than; E, estimated]

Date	Tris(2-chloroethyl) phosphate, solids, recoverable, dry weight, micrograms per kilogram (63230)	Tris(dichloroisopropyl) phosphate, solids, recoverable, dry weight, micrograms per kilogram (63235)	Organic carbon, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, grams per kilogram (49271)
12-15-2009	< 570	< 570	86