



Water-Data Report 2010

**445510093140201 LAKE HIAWATHA SOUTH OF HIAWATHA LAKE PARK IN MINNEAPOLIS, MN**

Upper Mississippi-Crow-Rum Basin  
Twin Cities Subbasin

LOCATION.--Lat 44°55'10", long 93°14'02" 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; M, presence verified but not quantified]

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)
			7.5	3.0	< 50	< 100	< 500	< 50	M		
12-15-2009	1410	Bottom material	7.5	3.0	< 50	< 100	< 500	< 50	M		

## 445510093140201 LAKE HIAWATHA SOUTH OF HIAWATHA LAKE PARK IN MINNEAPOLIS, MN—Continued

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

Part 2 of 7

[&lt;, less than; E, estimated; M, presence verified but not quantified]

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	< 50	< 100	< 50	< 50	E 130	< 50	< 50	E 10	< 50

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

Part 3 of 7

[&lt;, less than; E, estimated; M, presence verified but not quantified]

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 20	< 150	< 50	< 50	< 750	< 1,000	< 500	< 50	< 250

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

Part 4 of 7

[&lt;, less than; E, estimated; M, presence verified but not quantified]

Date	9,10- Anthraquin one, solids, recoverabl e, dry weight, microgram s per kilogram (63181)	Acetophen one, solids, recoverabl e, dry weight, microgram s per kilogram (63178)	Acetyl hexamethy l 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 36	< 150	< 50	E 10	< 50.0	60	< 50	E 880	E 480

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

Part 5 of 7

[&lt;, less than; E, estimated; M, presence verified but not quantified]

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	< 50	< 580	< 100	< 50	160	< 50	100	< 50	M

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

Part 6 of 7

[<, less than; E, estimated; M, presence verified but not quantified]

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	< 100	< 50	< 50	70	< 50	130	< 50	< 50.0	< 50

**WATER-QUALITY DATA  
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Part 7 of 7

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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	< 100	< 100