



Water-Data Report 2008

452403092410601 Taylors Falls Plant at Taylors Falls, MN

St. Croix Basin
Lower St. Croix Subbasin

LOCATION.--Lat 45°24'03", long 92°41'06" referenced to North American Datum of 1983, Chisago County, MN, Hydrologic Unit 07030005.

WATER-QUALITY RECORDS

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 1 of 8

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

Date	Time	Sample medium and type	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, wat unf μS/cm 25 degC (00095)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)
May 15...	0650	Surface water, regular	8.1	1,080	1.3	1.4	.068	2.05	.099

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 2 of 8

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Date	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L as P (00666)	Phos- phorus, water, unfltrd mg/L as P (00665)	1,4-Di- chloro- benzene water, fltrd, μg/L (34572)	1,7-Di- methyl- Xan- thine, water, fltrd, μg/L (62030)	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)	3-tert- Butyl- 4-hy- droxy- anisole wat flt μg/L (62059)	4- Cumyl- phenol, water, fltrd, μg/L (62060)	4-n- Octyl- phenol, water, fltrd, μg/L (62061)
May 15...	3.15	3.01	3.04	<.1	.190	<.1	<.1	<.1	M	<.08	<.6	<.1	<.16

452403092410601 Taylors Falls Plant at Taylors Falls, MN—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 3 of 8

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Date	4-Nonyl-phenol, all isomers wat flt µg/L (62085)	4-Nonyl-phenol di-ethoxylate, wat flt µg/L (62083)	4t-Octylphenol di-ethoxylate, wat flt µg/L (61705)	4t-Octylphenol mono-ethoxylate, wat flt µg/L (61706)	4-tert-Octylphenol, wat fltrd, µg/L (62062)	5-Methyl-1H-benzotriazole, wat flt µg/L (62063)	9,10-Anthraquinone water, fltrd, µg/L (62066)	Acetaminophen, water, fltrd, µg/L (62000)	Acetophenone water, fltrd, µg/L (62064)	AHTN, water, fltrd, µg/L (62065)	Albuterol, water, fltrd, µg/L (62020)	Anthracene, water, fltrd, µg/L (34221)	Benzo[a]pyrene, water, fltrd, µg/L (34248)
May 15...	M	<5	<1	<1	<1	<.08	<.2	<.080	<.4	M	<.040	<.1	<.1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 4 of 8

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Date	Benzo-phenone water, fltrd, µg/L (62067)	beta-Sitosterol, water, fltrd, µg/L (62068)	beta-Stigmasterol, water, fltrd, µg/L (62086)	Bisphenol A-d3 2033 & 8033, wat flt % recvy (99583)	Bromacil, water, fltrd, µg/L (04029)	Caffeine, water, fltrd, µg/L (50305)	Caffeine-13C 2033 & 8033, wat flt % recvy (99584)	Camphor water, fltrd, µg/L (62070)	Carbamazepine water, fltrd, µg/L (62793)	Carbamazepine-d10, surrog, wat flt % recvy (90797)	Carbaryl, water, fltrd, 0.7u GF µg/L (82680)	Carbazole, water, fltrd, µg/L (62071)	Chlorpyrifos water, fltrd, µg/L (38933)
May 15...	E.1	E1	E1	93.8	<.4	1.4	79.4	<.1	.058	47.8	<1	<.1	<.1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 5 of 8

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Date	Cholesterol, water, fltrd, µg/L (62072)	Codeine water, fltrd, µg/L (62003)	Cotinine, water, fltrd, µg/L (62005)	DecaFluorobiphenyl sur Sch 2033 & 8033, wat flt % recvy (99585)	DEET, water, fltrd, µg/L (62082)	Dehydro-nifedipine, water, fltrd, µg/L (62004)	Diazinon, water, fltrd, µg/L (39572)	Diltiazem, water, fltrd, µg/L (62008)	Diphenhydramine, water, fltrd, µg/L (62796)	D-Limonene, water, fltrd, µg/L (62073)	Ethyl nicotinate-d4, surrog, wat flt % recvy (99571)	Fluoranthene, water, fltrd, µg/L (34377)	Fluoranthene-d10, sur Sch 20/8033, wat flt % recvy (99586)
May 15...	E1	<.040	<.026	53.9	.2	<.060	<.1	<.040	<.050	<.04	73.6	<.1	87.0

452403092410601 Taylors Falls Plant at Taylors Falls, MN—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 6 of 8

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Date	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)	Naphth- alene, water, fltrd, µg/L (34443)	p- Cresol, water, fltrd, µg/L (62084)	Phenan- threne, water, fltrd, µg/L (34462)
May 15...	E.1	<.1	<.1	M	<.1	<.2	<.2	<.1	<.1	<.1	<.1	<.18	<.1

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Part 7 of 8

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Date	Phenol, water, fltrd, µg/L (34466)	Prome- ton, water, fltrd, µg/L (04037)	Pyrene, water, fltrd, µg/L (34470)	Sulfa- methox- azole, water, fltrd, µg/L (62021)	Tetra- chloro- ethene, water, fltrd, µg/L (34476)	Thiaben- dazole, water, fltrd, µg/L (62801)	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- meth- oprim, water, fltrd, µg/L (62023)	Tri- phenyl phos- phate, water, fltrd, µg/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt µg/L (62093)
May 15...	<.2	<.2	<.1	<.100	<.1	<.100	<.1	E.1	<.2	M	<.040	<.1	E.6

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Part 8 of 8

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Date	Tris(2- chloro- ethyl) phos- phate, wat flt µg/L (62087)	Tris(di- chloro- i-Pr) phos- phate, wat flt µg/L (62088)	Warfar- in, water, fltrd, µg/L (62024)
May 15...	.3	E.1	<.060