



Water-Data Report 2010

0208524950 LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC

Neuse Basin
Upper Neuse Subbasin

LOCATION.--Lat 36°06'52", long 78°51'30" referenced to North American Datum of 1983, Durham County, NC, Hydrologic Unit 03020201, 0.2 mi above mouth and 0.8 mi northeast of Fairntosh.

DRAINAGE AREA.--0.86 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1994 to current year.

REMARKS.--Station operated to define the impacts of various land-use development on surface-water quality in the Upper Neuse River basin.

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

Part 1 of 18

[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Medium name	Sample type	Barometric pressure, mm Hg (00025)	Discharge, instantaneous, ft ³ /s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)
11-11-2009	1045	Surface water	Regular	758	100	9.6	92	6.2	63
11-11-2009	1050	<i>QC sample - Surface water</i>	<i>Replicate</i>	--	--	--	--	--	--
12-03-2009	1215	Surface water	Regular	748	3.6	9.3	91	6.0	88
02-18-2010	1230	Surface water	Regular	752	.60	12.4	96	6.1	159
05-04-2010	1100	Surface water	Regular	749	.05	5.0	56	6.5	234
06-24-2010	0815	Surface water	Regular	751	.02	4.8	58	6.7	214
08-27-2010	1245	Surface water	Regular	752	1.9	7.8	93	6.7	184

0208524950 LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Temperature, water, °C (00010)	Ammonia plus organic nitrogen, water, unfiltered, mg/L as N (00625)		Nitrate plus nitrite, water, filtered, mg/L as N (00631)			Orthophos phate, water, filtered, mg/L as P (00671)	Phosphorus, water, unfiltered, mg/L as P (00665)	Aluminum, water, unfiltered, recover able, μg/L (01105)
		Ammonia, water, filtered, mg/L as N (00608)		Nitrite, water, filtered, mg/L as N (00618)	Nitrate, water, filtered, mg/L as N (00613)				
11-11-2009	13.3	1.1	E .011	.387	.384	.003	.197	.412	1,430
11-11-2009	--	1.2	.022	.398	.395	.003	.198	.424	1,370
12-03-2009	13.5	.58	< .020	.260	E .258	E .002	.016	.066	--
02-18-2010	4.0	.26	E .010	.120	< .120	< .002	E .007	.014	--
05-04-2010	20.2	.55	.133	.188	.163	.025	.014	.043	--
06-24-2010	23.7	.44	.050	.114	.112	.002	.020	.062	--
08-27-2010	23.4	.26	< .020	E .015	< .015	< .002	.015	.029	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Cadmium, water, unfiltered, μg/L (01027)	Chromium, water, unfiltered, recover able, μg/L (01034)	Cobalt, water, unfiltered, recover able, microgram s per liter (01037)	Copper, water, unfiltered, recover able, μg/L (01042)	Iron, water, unfiltered, recover able, μg/L (01045)	Lead, water, unfiltered, recover able, μg/L (01051)	Manganes e, water, unfiltered, recover able, μg/L (01055)	Mercury, water, unfiltered, recover able, μg/L (71900)	Molybdenu m, water, unfiltered, recover able, microgram s per liter (01062)	Nickel, water, unfiltered, recover able, μg/L (01067)
11-11-2009	.06	1.5	1.6	6.3	2,160	3.54	259	.019	E .1	1.0
12-03-2009	--	--	--	--	--	--	--	--	--	--
02-18-2010	--	--	--	--	--	--	--	--	--	--
05-04-2010	--	--	--	--	--	--	--	--	--	--
06-24-2010	--	--	--	--	--	--	--	--	--	--
08-27-2010	--	--	--	--	--	--	--	--	--	--

0208524950 LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Silver, water, unfiltered, recoverable, μg/L (01077)	Zinc, water, unfiltered, recoverable, μg/L (01092)	Arsenic, water, unfiltered, μg/L (01002)	Selenium, water, unfiltered, μg/L (01147)	1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49295)	2,4-D methyl ester, water, filtered, recoverable, μg/L (50470)	2,4-D plus 2,4-D methyl ester, sum on a molar basis, micrograms per liter as 2,4-D (66496)	2,4-D, water, filtered, recoverable, μg/L (39732)	2,4-DB, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38746)	2,6-Diethyl aniline, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82660)
11-11-2009	E .01	11.7	2.4	.14	< .04	< .200	.19	.19	< .02	< .006
11-11-2009	E .02	11.2	2.3	.13	--	--	--	--	--	--
12-03-2009	--	--	--	--	--	--	--	--	--	--
02-18-2010	--	--	--	--	--	--	--	--	--	--
05-04-2010	--	--	--	--	--	--	--	--	--	--
06-24-2010	--	--	--	--	--	--	--	--	--	--
08-27-2010	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	2-Chloro-2',6'-diethyl acetanilide, water, filtered, recoverable, μg/L (61618)	2-Chloro-4-isopropyl amino-6-triazine, water, filtered, recoverable, μg/L (04040)	2-Chloro-6-ethyl amino-4-triazine, water, filtered, recoverable, μg/L (04038)	2-Ethyl-6-methyl aniline, water, filtered, recoverable, μg/L (61620)	2-Hydroxy-4-iso propyl amino-6-ethyl triazine, water, filtered, recoverable, μg/L (50355)	3,4-Dichloro aniline, water, filtered, recoverable, μg/L (61625)	3,5-Di chloro aniline, water, filtered, recoverable, μg/L (61627)	3-Hydroxy carbo furan, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49308)	4-Chloro-2-methyl phenol, water, filtered, recoverable, μg/L (61633)	Acetochlor, water, filtered, recoverable, μg/L (49260)
11-11-2009	< .010	< .014	< .06	< .010	< .060	< .004	< .003	< .040	< .003	< .010
11-11-2009	--	--	--	--	--	--	--	--	--	--
12-03-2009	--	--	--	--	--	--	--	--	--	--
02-18-2010	--	--	--	--	--	--	--	--	--	--
05-04-2010	--	--	--	--	--	--	--	--	--	--
06-24-2010	--	--	--	--	--	--	--	--	--	--
08-27-2010	--	--	--	--	--	--	--	--	--	--

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Aci fluor	Alachlor,	Aldicarb	Aldicarb	Aldicarb,	alpha-	alpha-	Atrazine,	Azinphos-	Azinphos-
	fen, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49315)	water, filtered, recover able, μg/L (46342)	water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49313)	sulfoxide, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49314)	sulfoxide, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49312)	water, filtered, recover able, μg/L (34362)	Endo sulfan, water, filtered, recover able, μg/L (34253)	HCH, water, filtered, recover able, μg/L (39632)	water, filtered, recover able, μg/L (61635)	methyl, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (82686)
11-11-2009	< .040	< .008	< .08	< .060	< .12	< .006	< .004	< .007	< .04	< .120
11-11-2009	--	--	--	--	--	--	--	--	--	--
12-03-2009	--	--	--	--	--	--	--	--	--	--
02-18-2010	--	--	--	--	--	--	--	--	--	--
05-04-2010	--	--	--	--	--	--	--	--	--	--
06-24-2010	--	--	--	--	--	--	--	--	--	--
08-27-2010	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Bendio	Ben fluralin,	Ben	Bentazon,	Brom	Brom	Butylate,	Carbaryl,	Carbo
	carb, water, filtered, recover able, μg/L (50299)	water, filtered (0.7 micron glass fiber filter), recover able, μg/L (82673)	Benomyl, water, filtered, recover able, μg/L (50300)	methyl, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (38711)	water, filtered (0.7 micron glass fiber filter), recover able, μg/L (04029)	oxynil, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49311)	water, filtered, recover able, μg/L (04028)	water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49310)	furan, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49309)
11-11-2009	< .04	< .014	< .060	< .06	< .06	< .12	< .004	< .04	< .040
11-11-2009	--	--	--	--	--	--	--	--	--
12-03-2009	--	--	--	--	--	--	--	--	--
02-18-2010	--	--	--	--	--	--	--	--	--
05-04-2010	--	--	--	--	--	--	--	--	--
06-24-2010	--	--	--	--	--	--	--	--	--
08-27-2010	--	--	--	--	--	--	--	--	--

0208524950 LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Chloramben methyl ester, water, filtered, recoverable, μg/L (61188)	Chlorimuron-ethyl, water, filtered, recoverable, μg/L (50306)	Chlorpyrifos, water, filtered, recoverable, μg/L (38933)	cis-Permethrin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82687)	cis-Propiconazole, water, filtered, recoverable, μg/L (79846)	Clopyralid, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49305)	Cyanazine, water, filtered, recoverable, μg/L (04041)	Cycloate, water, filtered, recoverable, μg/L (04031)	Cyfluthrin, water, filtered, recoverable, μg/L (61585)	Cypermethrin, water, filtered, recoverable, μg/L (61586)
11-11-2009	< .10	< .080	< .010	< .014	E .020	< .06	< .022	< .04	< .016	< .020
11-11-2009	--	--	--	--	--	--	--	--	--	--
12-03-2009	--	--	--	--	--	--	--	--	--	--
02-18-2010	--	--	--	--	--	--	--	--	--	--
05-04-2010	--	--	--	--	--	--	--	--	--	--
06-24-2010	--	--	--	--	--	--	--	--	--	--
08-27-2010	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Dacthal monoacid, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49304)	DCPA, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82682)	Desulfinyl fipronil amide, water, filtered, recoverable, μg/L (62169)	Desulfinyl fipronil, water, filtered, recoverable, μg/L (62170)	Diazinon, water, filtered, recoverable, μg/L (39572)	Dicamba, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38442)	Dichlorprop, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49302)	Dichlorvos, water, filtered, recoverable, μg/L (38775)	Dicrotophos, water, filtered, recoverable, μg/L (38454)	Dieldrin, water, filtered, recoverable, μg/L (39381)
11-11-2009	< .04	< .008	E .003	E .002	< .005	< .04	< .04	< .02	< .08	< .009
11-11-2009	--	--	--	--	--	--	--	--	--	--
12-03-2009	--	--	--	--	--	--	--	--	--	--
02-18-2010	--	--	--	--	--	--	--	--	--	--
05-04-2010	--	--	--	--	--	--	--	--	--	--
06-24-2010	--	--	--	--	--	--	--	--	--	--
08-27-2010	--	--	--	--	--	--	--	--	--	--

0208524950 LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82662)	Dinoseb, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49301)	Di phenamid, water, filtered, recoverable, μg/L (04033)	Di sulfoton sulfone, water, filtered, recoverable, μg/L (61640)	Disulfoton, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82677)	Diuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49300)	Endo sulfan sulfate, water, filtered, recoverable, μg/L (61590)	EPTC, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82668)	Ethal fluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82663)	Ethion monoxon, water, filtered, recoverable, μg/L (61644)
11-11-2009	< .006	< .04	< .04	< .01	< .04	E .01	< .014	< .002	< .006	< .02
11-11-2009	--	--	--	--	--	--	--	--	--	--
12-03-2009	--	--	--	--	--	--	--	--	--	--
02-18-2010	--	--	--	--	--	--	--	--	--	--
05-04-2010	--	--	--	--	--	--	--	--	--	--
06-24-2010	--	--	--	--	--	--	--	--	--	--
08-27-2010	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Ethoprop, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82672)	Fenami phos sulfone, water, filtered, recoverable, μg/L (61645)	Fenami phos sulfoxide, water, filtered, recoverable, μg/L (61646)	Fenami phos, water, filtered, recoverable, μg/L (61591)	Fenuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49297)	Fipronil sulfide, water, filtered, recoverable, μg/L (62167)	Fipronil sulfone, water, filtered, recoverable, μg/L (62168)	Fipronil, water, filtered, recoverable, μg/L (62166)	Flumet sulam, water, filtered, recoverable, μg/L (61694)	Fluometuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38811)
11-11-2009	< .016	< .053	< .08	< .03	< .06	E .010	E .015	E .037	< .06	< .04
11-11-2009	--	--	--	--	--	--	--	--	--	--
12-03-2009	--	--	--	--	--	--	--	--	--	--
02-18-2010	--	--	--	--	--	--	--	--	--	--
05-04-2010	--	--	--	--	--	--	--	--	--	--
06-24-2010	--	--	--	--	--	--	--	--	--	--
08-27-2010	--	--	--	--	--	--	--	--	--	--

0208524950 LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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Date	Fonofos, water, filtered, recover able, μg/L (04095)	Hexa zinone, water, filtered, recover able, μg/L (04025)	Imaza quin, water, filtered, recover able, μg/L (50356)	Imaze thapyr, water, filtered, recover able, μg/L (50407)	Imi dacloprid, water, filtered, recover able, μg/L (61695)	Iprodione, water, filtered, recover able, μg/L (61593)	Isofen phos, water, filtered, recover able, μg/L (61594)	lambda- Cyhalo thrin, water, filtered, recover able, μg/L (61595)	Lindane, water, filtered, recover able, μg/L (39341)	Linuron, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (38478)
11-11-2009	< .004	< .008	< .06	< .06	< .060	< .014	< .011	< .010	< .004	< .04
11-11-2009	--	--	--	--	--	--	--	--	--	--
12-03-2009	--	--	--	--	--	--	--	--	--	--
02-18-2010	--	--	--	--	--	--	--	--	--	--
05-04-2010	--	--	--	--	--	--	--	--	--	--
06-24-2010	--	--	--	--	--	--	--	--	--	--
08-27-2010	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
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Date	Malaaxon, water, filtered, recover able, μg/L (61652)	Malathion, water, filtered, recover able, μg/L (39532)	MCPA, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (38482)	MCPB, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (38487)	Metalaxyl, water, filtered, recover able, μg/L (50359)	Methida thion, water, filtered, recover able, μg/L (61598)	Methio carb, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (38501)	Methomyl, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49296)	Methyl paraaxon, water, filtered, recover able, μg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (82667)
11-11-2009	< .080	< .016	< .04	< .20	< .04	< .012	< .040	< .120	< .01	< .008
11-11-2009	--	--	--	--	--	--	--	--	--	--
12-03-2009	--	--	--	--	--	--	--	--	--	--
02-18-2010	--	--	--	--	--	--	--	--	--	--
05-04-2010	--	--	--	--	--	--	--	--	--	--
06-24-2010	--	--	--	--	--	--	--	--	--	--
08-27-2010	--	--	--	--	--	--	--	--	--	--

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Metolachlor, water, filtered, recoverable, μg/L (39415)	Metribuzin, water, filtered, recoverable, μg/L (82630)	Metsulfuron-methyl, water, filtered, recoverable, μg/L (61697)	Molinate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82671)	Myclobutanil, water, filtered, recoverable, μg/L (61599)	N-(4-Chlorophenyl)-N'-methyl urea, water, filtered, recoverable, μg/L (61692)	Napropamide, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82684)	Neburon, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49294)	Nicosulfuron, water, filtered, recoverable, μg/L (50364)	Norflurazon, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49293)
11-11-2009	< .014	< .012	< .14	< .003	< .051	< .06	< .008	< .02	< .10	< .04
11-11-2009	--	--	--	--	--	--	--	--	--	--
12-03-2009	--	--	--	--	--	--	--	--	--	--
02-18-2010	--	--	--	--	--	--	--	--	--	--
05-04-2010	--	--	--	--	--	--	--	--	--	--
06-24-2010	--	--	--	--	--	--	--	--	--	--
08-27-2010	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Oryzalin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49292)	Oxamyl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38866)	Oxyfluorfen, water, filtered, recoverable, μg/L (61600)	p,p'-DDE, water, filtered, recoverable, μg/L (34653)	Parathion, water, filtered, recoverable, μg/L (39542)	Pebulate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82669)	Pendimethalin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82683)	Phorate, water, filtered, recoverable, μg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82664)	Phosmet, water, filtered, recoverable, μg/L (61668)
11-11-2009	< .04	< .12	< .010	< .002	< .020	< .016	< .012	< .03	< .020	< .05
11-11-2009	--	--	--	--	--	--	--	--	--	--
12-03-2009	--	--	--	--	--	--	--	--	--	--
02-18-2010	--	--	--	--	--	--	--	--	--	--
05-04-2010	--	--	--	--	--	--	--	--	--	--
06-24-2010	--	--	--	--	--	--	--	--	--	--
08-27-2010	--	--	--	--	--	--	--	--	--	--

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Phosmet, water, filtered, recover able, μg/L (61601)	Picloram, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49291)	Prometon, water, filtered, recover able, μg/L (04037)	Prometryn, water, filtered, recover able, μg/L (04036)	Propa chlor, water, filtered, recover able, μg/L (04024)	Propanil, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (82679)	Propargite, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (82685)	Propham, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49236)	Propicon azole, water, filtered, recover able, μg/L (50471)	Propoxur, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (38538)
	11-11-2009	< .034	< .12	.02	< .006	< .006	< .010	< .02	< .040	< .04
11-11-2009	--	--	--	--	--	--	--	--	--	--
12-03-2009	--	--	--	--	--	--	--	--	--	--
02-18-2010	--	--	--	--	--	--	--	--	--	--
05-04-2010	--	--	--	--	--	--	--	--	--	--
06-24-2010	--	--	--	--	--	--	--	--	--	--
08-27-2010	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Propyz amide, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (82676)	Simazine, water, filtered, recover able, μg/L (04035)	Sulfo meturon- methyl, water, filtered, recover able, μg/L (50337)	Tebu thiuron, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (82670)	Teflu thrin, water, filtered, recover able, μg/L (61606)	Terbacil, water, filtered, recover able, μg/L (04032)	Terbufos oxygen analog sulfone, water, filtered, recover able, μg/L (61674)	Terbufos, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (82675)	Terbuthyl azine, water, filtered, recover able, μg/L (04022)	Thioben carb, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (82681)
	11-11-2009	< .004	< .006	< .060	< .03	< .011	< .040	< .04	< .02	< .01
11-11-2009	--	--	--	--	--	--	--	--	--	--
12-03-2009	--	--	--	--	--	--	--	--	--	--
02-18-2010	--	--	--	--	--	--	--	--	--	--
05-04-2010	--	--	--	--	--	--	--	--	--	--
06-24-2010	--	--	--	--	--	--	--	--	--	--
08-27-2010	--	--	--	--	--	--	--	--	--	--

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	trans-Propiconazole, water, filtered, recoverable, μg/L (79847)	Tri late, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82678)	Tri buphos, water, filtered, recoverable, μg/L (61610)	Triclopyr, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49235)	Tri fluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82661)	Caffeine, water, filtered, recoverable, μg/L (50305)	Suspended sediment concentration, mg/L (80154)	Suspended sediment discharge, tons per day (80155)
11-11-2009	E .03	< .006	< .018	< .08	< .018	< .080	438	118
11-11-2009	--	--	--	--	--	--	--	--
12-03-2009	--	--	--	--	--	--	19	.19
02-18-2010	--	--	--	--	--	--	21	.03
05-04-2010	--	--	--	--	--	--	11	.00
06-24-2010	--	--	--	--	--	--	6	.00
08-27-2010	--	--	--	--	--	--	3	.02