



Water-Data Report 2012

01374995 NEW CROTON RESERVOIR NEAR CROTON-ON-HUDSON, NY

Lower Hudson Basin
Lower Hudson Subbasin

LOCATION.--Lat 41°13'39", long 73°51'27" referenced to North American Datum of 1927, Westchester County, NY, Hydrologic Unit 02030101, near Croton Dam Road, near Croton-on-Hudson.

DRAINAGE AREA.--378 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--

PESTICIDE DATA: 1999-2001 (b), 2002 (c), 2003-04 (b), 2005-08 (c), 2009-11 (b), 2012 (a).

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 1 of 8

[µg/L, micrograms per liter; WB, Untreated water supply; <, less than; E, estimated]

Date	Sample start time	Medium code	Sampling method (82398)	1-Naphthol,	2,6-Diethyl-	2-Chloro-	2-Chloro-4-	2-Ethyl-6-	3,4-
				water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49295)	aniline, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82660)	2',6'-diethyl- acetanilide, water, filtered, recoverable, µg/L (61618)	isopropyl-amino-6- triazine, water, filtered, recoverable, µg/L (04040)	methyl-aniline, water, filtered, recoverable, µg/L (61620)	Dichloro-aniline, water, filtered, recoverable, µg/L (61625)
04-18-2012	0830	WB	Grab smp tap wat sup	< .0360	< .0060	< .010	E .006	< .010	< .0060
07-16-2012	0900	WB	Grab smp tap wat sup	< .0360	< .0060	< .010	< .006	< .010	< .0060

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 2 of 8

[µg/L, micrograms per liter; WB, Untreated water supply; <, less than; E, estimated]

Date	Sample start time	4-Chloro-2-	Aceto-	Alachlor,	Atrazine,	Azinphos-	Azinphos-	Benfluralin,	Carbaryl,
		methyl-phenol, water, filtered, recoverable, µg/L (61633)	chlor, water, filtered, recoverable, µg/L (49260)	water, filtered, recoverable, µg/L (46342)	water, filtered, recoverable, µg/L (39632)	methyl oxygen analog, water, filtered, recoverable, µg/L (61635)	water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82686)	water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82673)	water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82680)
04-18-2012	0830	< .0080	< .010	< .008	< .008	< .042	< .120	< .014	< .060
07-16-2012	0900	< .0080	< .010	< .008	< .008	< .042	< .120	< .014	< .060

01374995 NEW CROTON RESERVOIR NEAR CROTON-ON-HUDSON, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 3 of 8

[µg/L, micrograms per liter; WB, Untreated water supply; <, less than; E, estimated]

Date	Sample start time	Chlorpyrifos	Chlorpyrifos,	cis-Permethrin,	Cyfluthrin,	Cypermethrin,	DCPA,	Desulfinyl-	Desulfinyl-	Diazinon,
		oxygen analog, water, filtered, recoverable, µg/L (61636)	water, filtered, recoverable, µg/L (38933)	water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82687)	water, filtered, recoverable, µg/L (61585)	water, filtered, recoverable, µg/L (61586)	water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82682)	fipronil amide, water, filtered, recoverable, µg/L (62169)	fipronil, water, filtered, recoverable, µg/L (62170)	water, filtered, recoverable, µg/L (39572)
04-18-2012	0830	< .08	< .0036	< .010	< .016	< .020	< .0076	< .029	< .012	< .0060
07-16-2012	0900	< .08	< .0036	< .010	< .016	< .020	< .0076	< .029	< .012	< .0060

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 4 of 8

[µg/L, micrograms per liter; WB, Untreated water supply; <, less than; E, estimated]

Date	Sample start time	Dichlorvos,	Dicrotophos,	Dieldrin,	Dimethoate,	Ethion monoxon,	Ethion,	Fenamiphos sulfone,	Fenamiphos sulfoxide,	Fenamiphos,
		water, filtered, recoverable, µg/L (38775)	water, filtered, recoverable, µg/L (38454)	water, filtered, recoverable, µg/L (39381)	water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82662)	water, filtered, recoverable, µg/L (61644)	water, filtered, recoverable, µg/L (82346)	water, filtered, recoverable, µg/L (61645)	water, filtered, recoverable, µg/L (61646)	water, filtered, recoverable, µg/L (61591)
04-18-2012	0830	< .04	< .08	< .008	< .0060	< .021	< .010	< .054	< .08	< .030
07-16-2012	0900	< .04	< .08	< .008	< .0060	< .021	< .010	< .054	< .08	< .030

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 5 of 8

[µg/L, micrograms per liter; WB, Untreated water supply; <, less than; E, estimated]

Date	Sample start time	Fipronil sulfide,	Fipronil sulfone,	Fipronil,	Fonofos,	Hexazinone,	Iprodione,	Isofenphos,	Malaoxon,	Malathion,
		water, filtered, recoverable, µg/L (62167)	water, filtered, recoverable, µg/L (62168)	water, filtered, recoverable, µg/L (62166)	water, filtered, recoverable, µg/L (04095)	water, filtered, recoverable, µg/L (04025)	water, filtered, recoverable, µg/L (61593)	water, filtered, recoverable, µg/L (61594)	water, filtered, recoverable, µg/L (61652)	water, filtered, recoverable, µg/L (39532)
04-18-2012	0830	< .012	< .024	< .018	< .0048	< .012	< .014	< .008	< .022	< .016
07-16-2012	0900	< .012	< .024	< .018	< .0048	< .012	< .014	< .008	< .022	< .016

01374995 NEW CROTON RESERVOIR NEAR CROTON-ON-HUDSON, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 6 of 8

[µg/L, micrograms per liter; WB, Untreated water supply; <, less than; E, estimated]

Date	Sample start time	Metalaxyl, water, filtered, recoverable, µg/L (61596)	Methidathion, water, filtered, recoverable, µg/L (61598)	Methyl paraoxon, water, filtered, recoverable, µg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82667)	Metolachlor, water, filtered, recoverable, µg/L (39415)	Metribuzin, water, filtered, recoverable, µg/L (82630)	Myclobutanol, water, filtered, recoverable, µg/L (61599)	Pendi-methalin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82683)	Phorate oxygen analog, water, filtered, recoverable, µg/L (61666)
					µg/L (82667)				µg/L (82683)	
04-18-2012	0830	< .014	< .012	< .014	< .008	< .020	< .012	0.010	< .012	< .027
07-16-2012	0900	< .014	< .012	< .014	< .008	< .020	< .012	.007	< .012	< .027

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[µg/L, micrograms per liter; WB, Untreated water supply; <, less than; E, estimated]

Date	Sample start time	Phorate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82664)	Phosmet oxygen analog, water, filtered, recoverable, µg/L (61668)	Phosmet, water, filtered, recoverable, µg/L (61601)	Prometon, water, filtered, recoverable, µg/L (04037)	Prometryn, water, filtered, recoverable, µg/L (04036)	Propyzamide, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82676)	Simazine, water, filtered, recoverable, µg/L (04035)	Tebu-thiuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82670)	Terbufos oxygen analog sulfone, water, filtered, recoverable, µg/L (61674)
							µg/L (82676)		µg/L (82670)	
04-18-2012	0830	< .020	< .0511	< .080	0.007	< .010	< .0036	< .006	< .028	< .045
07-16-2012	0900	< .020	< .0511	< .080	.004	< .010	< .0036	< .006	< .028	< .045

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 8 of 8

[µg/L, micrograms per liter; WB, Untreated water supply; <, less than; E, estimated]

Date	Sample start time	Terbufos, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82675)	Terbuthyl-azine, water, filtered, recoverable, µg/L (04022)	Tribuphos, water, filtered, recoverable, µg/L (61610)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82661)
					µg/L (82661)
04-18-2012	0830	< .018	< .008	< .018	< .018
07-16-2012	0900	< .018	< .008	< .018	< .018