



Water-Data Report 2012

01374620 WEST BRANCH RESERVOIR NEAR CARMEL, NY

Lower Hudson Basin
Lower Hudson Subbasin

LOCATION.--Lat 41°24'42", long 73°41'45" referenced to North American Datum of 1927, Putnam County, NY, Hydrologic Unit 02030101, on County Route 6 near Carmel, NY.

DRAINAGE AREA.--42.8 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--

PESTICIDE DATA: 1999-2008 (b), 2009 (a), 2010-11 (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, water, filtered (0.7 micron glass fiber filter), recoverable,	2,6-Diethyl-aniline, water, filtered (0.7 micron glass fiber filter), recoverable,	2-Chloro-2',6'-diethyl-acetanil-ide, water, filtered, recoverable,	2-Chloro-4-isopropyl-amino-6-triazine, water, filtered, recoverable,	2-Ethyl-6-methyl-aniline, water, filtered, recoverable,	3,4-Dichloro-aniline, water, filtered, recoverable,
				µg/L (49295)	µg/L (82660)	µg/L (61618)	µg/L (04040)	µg/L (61620)	µg/L (61625)
07-16-2012	1015	WB	Grab smp tap wat sup	<.0360	<.0060	<.010	E .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-methyl-phenol, water, filtered, recoverable,	Aceto-chlor, water, filtered, recoverable,	Alachlor, water, filtered, recoverable,	Atrazine, water, filtered, recoverable,	Azinphos-methyl oxygen analog, water, filtered, recoverable,	Azinphos-methyl, water, filtered (0.7 micron glass fiber filter), recoverable,	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable,	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable,
		µg/L (61633)	µg/L (49260)	µg/L (46342)	µg/L (39632)	µg/L (61635)	µg/L (82686)	µg/L (82673)	µg/L (82680)
07-16-2012	1015	<.0080	<.010	<.008	0.005	<.042	<.120	<.014	<.060

01374620 WEST BRANCH RESERVOIR NEAR CARMEL, 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, water, filtered (0.7 micron glass fiber filter), recoverable,	Cyfluthrin, water, filtered, recoverable,	Cypermethrin, water, filtered, recoverable,	DCPA, water, filtered (0.7 micron glass fiber filter), recoverable,	Desulfinyl-fipronil amide, water, filtered, recoverable,	Desulfinyl-fipronil, water, filtered, recoverable,	Diazinon, water, filtered, recoverable,
		analog, water, filtered, recoverable, µg/L (61636)	water, filtered, recoverable, µg/L (38933)	µg/L (82687)	µg/L (61585)	µg/L (61586)	µg/L (82682)	µg/L (62169)	µg/L (62170)	µg/L (39572)
07-16-2012	1015	< .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, water, filtered, recoverable,	Dicrotophos, water, filtered, recoverable,	Dieldrin, water, filtered, recoverable,	Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable,	Ethion monoxon, water, filtered, recoverable,	Ethion, water, filtered, recoverable,	Fenamiphos sulfone, water, filtered, recoverable,	Fenamiphos sulfoxide, water, filtered, recoverable,	Fenamiphos, water, filtered, recoverable,
		µg/L (38775)	µg/L (38454)	µg/L (39381)	µg/L (82662)	µg/L (61644)	µg/L (82346)	µg/L (61645)	µg/L (61646)	µg/L (61591)
07-16-2012	1015	< .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, water, filtered, recoverable,	Fipronil sulfone, water, filtered, recoverable,	Fipronil, water, filtered, recoverable,	Fonofos, water, filtered, recoverable,	Hexazinone, water, filtered, recoverable,	Iprodione, water, filtered, recoverable,	Isofenphos, water, filtered, recoverable,	Malaoxon, water, filtered, recoverable,	Malathion, water, filtered, recoverable,
		µg/L (62167)	µg/L (62168)	µg/L (62166)	µg/L (04095)	µg/L (04025)	µg/L (61593)	µg/L (61594)	µg/L (61652)	µg/L (39532)
07-16-2012	1015	< .012	< .024	< .018	< .0048	< .012	< .014	< .008	< .022	< .016

01374620 WEST BRANCH RESERVOIR NEAR CARMEL, 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)

WATER-QUALITY DATA

WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 7 of 8

[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)

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)	Terbuthylazine, 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)