



Water-Data Report 2010

01415200 DIVERSION FROM PEPACTION RESERVOIR, NY

Upper Delaware Basin
East Branch Delaware Subbasin

LOCATION.--Lat 42°04'28", long 74°53'55" referenced to North American Datum of 1927, Delaware County, NY, Hydrologic Unit 02040102, on East Branch Delaware River to Rondout Reservoir on Rondout Creek.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--
PESTICIDE DATA: 1999-2010 (b).

REMARKS.--Diversion for municipal supply of City of New York (see diversion figures with 01416900-Pepacton Reservoir). For many of the samples collected, analysis was performed using multiple analytical methods. When these methods share one or more compounds, separate tables are provided so that each compound can be presented.

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

Part 1 of 7

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

Date	Sample start time	Medium code	Sampling method (82398)	2,6-					
				1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49295)	Diethyl-aniline, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82660)	2-Chloro-2',6'-diethyl-acetanil-ide, water, filtered, recoverable, µg/L (61618)	2-Chloro-4-isopropyl-amino-6-triazine, water, filtered, recoverable, µg/L (04040)	2-Ethyl-6-methyl-aniline, water, filtered, recoverable, µg/L (61620)	3,4-Dichloro-aniline, water, filtered, recoverable, µg/L (61625)
05-17-2010	0830	WB	Grab smp tap wat sup	< .04	< .006	< .010	E .008	< .010	< .004
07-19-2010	0900	WB	Grab smp tap wat sup	< .04	< .006	< .010	E .006	< .010	< .004
09-20-2010	0900	WB	Grab smp tap wat sup	< .04	< .006	< .010	E .007	< .010	< .004

01415200 DIVERSION FROM PEPACTION RESERVOIR, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 2 of 7

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

Date	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,	Chlorpyrifos oxygen analog, water, filtered, 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)	µg/L (61636)
05-17-2010	< .003	< .010	< .008	< .007	< .04	< .120	< .014	< .060	< .05
07-19-2010	< .003	< .010	< .008	E .007	< .04	< .120	< .014	< .060	< .05
09-20-2010	< .003	< .010	< .008	E .007	< .04	< .120	< .014	< .060	< .05

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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

Date	Chlorpyrifos, water, filtered, recoverable,	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,	Dichlorvos, water, filtered, recoverable,	Dicrotophos, 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)	µg/L (38775)	µg/L (38454)
05-17-2010	< .010	< .014	< .016	< .020	< .008	< .029	< .012	< .005	< .02	< .08
07-19-2010	< .010	< .014	< .016	< .020	< .008	< .029	< .012	< .005	< .02	< .08
09-20-2010	< .010	< .014	< .016	< .020	< .008	< .029	< .012	< .005	< .02	< .08

01415200 DIVERSION FROM PEPACTION RESERVOIR, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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

Date	Dieldrin, water, filtered, recover- able, µg/L (39381)	Dimetho- ate, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82662)	Ethion monoxon, water, filtered, recover- able, µg/L (61644)	Ethion, water, filtered, recover- able, µg/L (82346)	Fenami- phos sulfone, water, filtered, recover- able, µg/L (61645)	Fenami- phos sulfoxide, water, filtered, recover- able, µg/L (61646)	Fenami- phos, water, filtered, recover- able, µg/L (61591)	Fipronil sulfide, water, filtered, recover- able, µg/L (62167)	Fipronil sulfone, water, filtered, recover- able, µg/L (62168)	Fipronil, water, filtered, recover- able, µg/L (62166)
05-17-2010	< .009	< .006	< .02	< .008	< .053	< .08	< .03	< .013	< .024	< .018
07-19-2010	< .009	< .006	< .02	< .008	< .053	< .08	< .03	< .013	< .024	< .018
09-20-2010	< .009	< .006	< .02	< .008	< .053	< .08	< .03	< .013	< .024	< .018

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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

Date	Fonofos, water, filtered, recover- able, µg/L (04095)	Hexa- zinone, water, filtered, recover- able, µg/L (04025)	Iprodione, water, filtered, recover- able, µg/L (61593)	Isofen- phos, water, filtered, recover- able, µg/L (61594)	Malaoxon, water, filtered, recover- able, µg/L (61652)	Malathion, water, filtered, recover- able, µg/L (39532)	Metalaxyl, water, filtered, recover- able, µg/L (61596)	Methida- thion, water, filtered, recover- able, µg/L (61598)	Methyl paraoxon, water, filtered, recover- able, µg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82667)
05-17-2010	< .004	< .008	< .014	< .006	< .080	< .016	< .007	< .006	< .01	< .008
07-19-2010	< .004	< .008	< .014	< .006	< .080	< .016	< .007	< .006	< .01	< .008
09-20-2010	< .004	< .008	< .014	< .006	< .080	< .016	< .007	< .006	< .01	< .008

01415200 DIVERSION FROM PEPACTION RESERVOIR, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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

Date	Metolachlor, water, filtered, recoverable, µg/L (39415)	Metribuzin, water, filtered, recoverable, µg/L (82630)	Myclobutanil, water, filtered, recoverable, µg/L (61599)	Pendimethalin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82683)	Phorate oxygen analog, water, filtered, recoverable, µg/L (61666)	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)
	05-17-2010	< .014	< .012	< .010	< .012	< .03	< .020	< .05	< .034	< .01
07-19-2010	E .008	< .012	< .010	< .012	< .03	< .020	< .05	< .034	< .01	< .006
09-20-2010	E .008	< .012	< .010	< .012	< .03	< .020	< .05	< .034	< .01	< .006

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

Date	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 sulfone, water, filtered, recoverable, µg/L (61674)	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)
	05-17-2010	< .004	< .006	< .03	< .04	< .02	< .01	< .018
07-19-2010	< .004	< .006	< .03	< .04	< .02	< .01	< .018	< .018
09-20-2010	< .004	< .006	< .03	< .04	< .02	< .01	< .018	< .018

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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

Date	Sample start time	Medium code	Sampling method (82398)	2,4-D methyl ester, water, filtered, recoverable, µg/L (50470)	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-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-Hydroxy-4-iso-propyl-amino-6-ethyl-amino-s-triazine, water, filtered, recoverable, µg/L (50355)
07-19-2010	0905	WB	Grab smp tap wat sup	< .200	< .06	< .02	< .06	< .06	< .060

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

Date	3-Hydroxy carbo-furan, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49308)	Acifluor-fen, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49315)	Aldicarb sulfone, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49313)	Aldicarb sulfoxide, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49314)	Aldicarb, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49312)	Atrazine, water, filtered, recoverable, µg/L (39632)	Bendio-carb, water, filtered, recoverable, µg/L (50299)	Benomyl, water, filtered, recoverable, µg/L (50300)	Ben-sulfuron-methyl, water, filtered, recoverable, µg/L (61693)	Bentazon, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38711)
07-19-2010	< .040	< .040	< .08	< .060	< .12	< .040	< .04	< .060	< .06	< .06

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

Date	Bromacil, water, filtered, recoverable, µg/L (04029)	Brom-oxynil, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49311)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49310)	Carbo-furan, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49309)	Chlor-amben methyl ester, water, filtered, recoverable, µg/L (61188)	Chlori-muron-ethyl, water, filtered, recoverable, µg/L (50306)	Clopyralid, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49305)	Cycloate, water, filtered, recoverable, µg/L (04031)	Dacthal monoacid, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49304)	Dicamba, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38442)
07-19-2010	< .06	< .12	< .04	< .040	< .10	< .080	< .06	< .04	< .04	< .04

01415200 DIVERSION FROM PEPACTION RESERVOIR, NY—Continued

WATER-QUALITY DATA
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[µg/L, micrograms per liter; WB, Untreated water supply; <, less than]

Date	Dichloroprop, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49302)	Dinoseb, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49301)	Di-phenamid, water, filtered, recoverable, µg/L (04033)	Diuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49300)	Fenuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49297)	Flumetsulam, water, filtered, recoverable, µg/L (61694)	Fluometuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38811)	Imazaquin, water, filtered, recoverable, µg/L (50356)	Imazethapyr, water, filtered, recoverable, µg/L (50407)	Imidacloprid, water, filtered, recoverable, µg/L (61695)
07-19-2010	< .04	< .04	< .04	< .04	< .06	< .06	< .04	< .06	< .06	< .060

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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

Date	Linuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38478)	MCPA, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38482)	MCPB, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38487)	Metalaxyl, water, filtered, recoverable, µg/L (50359)	Methiocarb, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38501)	Methomyl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49296)	Metsulfuron-methyl, water, filtered, recoverable, µg/L (61697)	N-(4-Chlorophenyl)-N'-methyl-urea, water, filtered, recoverable, µg/L (61692)	Neburon, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49294)	Nicosulfuron, water, filtered, recoverable, µg/L (50364)
07-19-2010	< .04	< .04	< .20	< .04	< .040	< .120	< .14	< .06	< .02	< .10

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

Date	Norflurazon, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49293)	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)	Picloram, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49291)	Propham, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49236)	Propiconazole, water, filtered, recoverable, µg/L (50471)	Propoxur, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38538)	Siduron, water, filtered, recoverable, µg/L (38548)	Sulfometuron-methyl, water, filtered, recoverable, µg/L (50337)	Tebu-thiuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82670)
07-19-2010	< .04	< .04	< .12	< .12	< .040	< .04	< .060	< .04	< .060	< .060

01415200 DIVERSION FROM PEPACTION RESERVOIR, NY—Continued

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

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

Date	Terbacil, water, filtered, recover- able, µg/L (04032)	Triclopyr, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49235)	Caffeine, water, filtered, recover- able, µg/L (50305)
07-19-2010	< .040	< .08	< .080