

01415200 DIVERSION FROM PEPACTON 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: 1999-2011 (b).

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

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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, µg/L (49295)	2,6-Diethyl-aniline, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82660)	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-Ethyl-6-methyl-aniline, water, filtered, recoverable, µg/L (61620)	3,4-Dichloro-aniline, water, filtered, recoverable, µg/L (61625)
05-16-2011	0800	WB	Grab smp tap wat sup	<.036	<.006	<.010	E .005	<.010	<.004
08-01-2011	0730	WB	Grab smp tap wat sup	<.036	<.006	<.010	<.006	<.010	<.004
09-19-2011	1130	WB	Grab smp tap wat sup	<.036	<.006	<.010	E .004	<.010	<.004

01415200 DIVERSION FROM PEPACTION RESERVOIR, NY—Continued

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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, µg/L (61633)	Aceto-chlor, water, filtered, recoverable, µg/L (49260)	Alachlor, water, filtered, recoverable, µg/L (46342)	Atrazine, water, filtered, recoverable, µg/L (39632)	Azinphos-methyl oxygen analog, water, filtered, recoverable, µg/L (61635)	Azinphos-methyl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82686)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82673)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82680)
05-16-2011	0800	< .005	< .010	< .008	< .008	< .04	< .120	< .014	< .060
08-01-2011	0730	< .005	< .010	< .008	< .008	< .04	< .120	< .014	< .060
09-19-2011	1130	< .005	< .010	< .008	.004	< .04	< .120	< .014	< .060

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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

Date	Sample start time	Chlorpyrifos oxygen analog, water, filtered, recoverable, µg/L (61636)	Chlorpyrifos, water, filtered, recoverable, µg/L (38933)	cis-Permethrin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82687)	Cyfluthrin, water, filtered, recoverable, µg/L (61585)	Cypermethrin, water, filtered, recoverable, µg/L (61586)	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)
05-16-2011	0800	< .06	< .004	< .010	< .016	< .020	< .008	< .029	< .012	< .006
08-01-2011	0730	< .06	< .004	< .010	< .016	< .020	< .008	< .029	< .012	< .006
09-19-2011	1130	< .06	< .004	< .010	< .016	< .020	< .008	< .029	< .012	< .006

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WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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

Date	Sample start time	Dichloro-	Dicroto-	Dieldrin,	Dimetho-	Ethion	Ethion,	Fenami-	Fenami-	Fenami-
		vos, water, filtered, recoverable, µg/L (38775)	phos, water, filtered, recoverable, µg/L (38454)	water, filtered, recoverable, µg/L (39381)	ate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82662)	monoxon, water, filtered, recoverable, µg/L (61644)	water, filtered, recoverable, µg/L (82346)	phos sulfone, water, filtered, recoverable, µg/L (61645)	phos sulfoxide, water, filtered, recoverable, µg/L (61646)	phos, water, filtered, recoverable, µg/L (61591)
05-16-2011	0800	< .04	< .08	< .008	< .006	< .02	< .008	< .054	< .08	< .03
08-01-2011	0730	< .04	< .08	< .008	< .006	< .02	< .008	< .054	< .08	< .03
09-19-2011	1130	< .04	< .08	< .008	< .006	< .02	< .008	< .054	< .08	< .03

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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

Date	Sample start time	Fipronil sulfide, water, filtered, recoverable, µg/L (62167)	Fipronil sulfone, water, filtered, recoverable, µg/L (62168)	Fipronil, water, filtered, recoverable, µg/L (62166)	Fonofos, water, filtered, recoverable, µg/L (04095)	Hexa-zinone, water, filtered, recoverable, µg/L (04025)	Iprodione, water, filtered, recoverable, µg/L (61593)	Isofen-phos, water, filtered, recoverable, µg/L (61594)	Malaoxon, water, filtered, recoverable, µg/L (61652)	Malathion, water, filtered, recoverable, µg/L (39532)
		05-16-2011	0800	< .012	< .024	< .018	< .005	< .008	< .014	< .006
08-01-2011	0730	< .012	< .024	< .018	< .005	< .008	< .014	< .006	< .022	< .016
09-19-2011	1130	< .012	< .024	< .018	< .005	< .008	< .014	< .006	< .022	< .016

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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)	Methida-thion, 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)	Metola-chlor, water, filtered, recoverable, µg/L (39415)	Metri-buzin, water, filtered, recoverable, µg/L (82630)	Myclo-butanol, 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)
		05-16-2011	0800	< .014	< .012	< .01	< .008	.005	< .012	< .010
08-01-2011	0730	< .014	< .012	< .01	< .008	.009	< .012	< .010	< .012	< .03
09-19-2011	1130	< .014	< .012	< .01	< .008	< .020	< .012	< .010	< .012	< .03

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WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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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)	Propyz-amide, 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)
05-16-2011	0800	< .020	< .05	< .140	< .012	< .006	< .004	< .006	< .03	< .04
08-01-2011	0730	< .020	< .05	< .140	< .012	< .006	< .004	< .006	< .03	< .04
09-19-2011	1130	< .020	< .05	< .140	< .012	< .006	< .004	< .006	< .03	< .04

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[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)
05-16-2011	0800	< .02	< .01	< .018	< .018
08-01-2011	0730	< .02	< .01	< .018	< .018
09-19-2011	1130	< .02	< .01	< .018	< .018

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WATER-QUALITY DATA
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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-amino-s-triazine, water, filtered, recoverable, µg/L (04040)	2-Chloro-6-ethyl-amino-4-amino-s-triazine, water, filtered, recoverable, µg/L (04038)	2-Hydroxy-4-iso-propyl-amino-6-ethyl-amino-s-triazine, water, filtered, recoverable, µg/L (50355)
08-01-2011	0735	WB	Grab smp tap wat sup	< .200	< .06	< .02	< .06	< .06	.015

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

Date	Sample start time	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)
08-01-2011	0735	< .040	< .040	< .08	< .060	< .12	< .040	< .04	< .060	< .06

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

Date	Sample start time	Bentazon, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38711)	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)
08-01-2011	0735	< .06	< .06	< .12	< .04	< .040	< .10	< .080	< .06	< .04

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WATER-QUALITY DATA

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

Date	Sample start time	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)	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)
08-01-2011	0735	< .04	< .04	< .04	< .04	< .04	< .04	< .06	< .06	< .04

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WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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

Date	Sample start time	Imazaquin, water, filtered, recoverable, µg/L (50356)	Imazethapyr, water, filtered, recoverable, µg/L (50407)	Imidacloprid, water, filtered, recoverable, µg/L (61695)	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)
08-01-2011	0735	< .06	< .06	< .060	< .04	< .04	< .20	< .04	< .040	< .120

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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

Date	Sample start time	Metsulfuron-methyl, water, filtered, recoverable, µg/L (61697)	N-(4-Chlorophenyl)-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)	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)
08-01-2011	0735	< .14	< .06	< .02	< .10	< .04	< .04	< .12	< .12	< .040

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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

Date	Sample start time	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)	Sulfo-meturon-methyl, water, filtered, recoverable, µg/L (50337)	Tebu-thiuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82670)	Terbacil, water, filtered, recoverable, µg/L (04032)	Triclopyr, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49235)	Caffeine, water, filtered, recoverable, µg/L (50305)
08-01-2011	0735	< .04	< .060	< .04	< .060	< .060	< .040	< .08	< .080