

**01435800 DIVERSION FROM NEVERSINK RESERVOIR, NY**

Upper Delaware Basin  
Middle Delaware-Mongaup-Brodhead Subbasin

LOCATION.--Lat 41°49'40", long 74°38'21" referenced to North American Datum of 1927, Sullivan County, NY, Hydrologic Unit 02040104, near County Route 55 near Neversink.

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--

PESTICIDE DATA: 1999-2011 (b).

REMARKS.--Diversion from Neversink Reservoir (see 01435900) on Neversink River to Rondout Reservoir on Rondout Creek. 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 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	0900	WB	Grab smp tap wat sup	<.036	<.006	<.010	<.006	<.010	<.004
08-01-2011	0700	WB	Grab smp tap wat sup	<.036	<.006	<.010	<.006	<.010	<.004
09-19-2011	0800	WB	Grab smp tap wat sup	<.036	<.006	<.010	E .006	<.010	<.004

## 01435800 DIVERSION FROM NEVERSINK 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; &lt;, 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	0900	< .005	< .010	< .008	< .008	< .04	< .120	< .014	< .060
08-01-2011	0700	< .005	< .010	< .008	< .008	< .04	< .120	< .014	< .060
09-19-2011	0800	< .005	< .010	< .008	< .008	< .04	< .120	< .014	< .060

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 3 of 8

[µg/L, micrograms per liter; WB, Untreated water supply; &lt;, 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	0900	< .06	< .004	< .010	< .016	< .020	< .008	< .029	< .012	< .006
08-01-2011	0700	< .06	< .004	< .010	< .016	< .020	< .008	< .029	< .012	< .006
09-19-2011	0800	< .06	< .004	< .010	< .016	< .020	< .008	< .029	< .012	< .006

## 01435800 DIVERSION FROM NEVERSINK RESERVOIR, NY—Continued

## WATER-QUALITY DATA

## WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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

Date	Sample start time	Dichloro-	Dicroto-	Dieldrin,	Dimetho-	Ethion	Ethion,	Fenami-	Fenami-	Fenami-
		vos, water, filtered, recover- able, µg/L (38775)	phos, water, filtered, recover- able, µg/L (38454)	water, filtered, recover- able, µg/L (39381)	ate, water, filtered, (0.7 micron glass fiber filter), recover- able, µg/L (82662)	monoxon, water, filtered, recover- able, µg/L (61644)	water, filtered, recover- able, µg/L (82346)	phos sulfone, water, filtered, recover- able, µg/L (61645)	phos sulfoxide, water, filtered, recover- able, µg/L (61646)	phos, water, filtered, recover- able, µg/L (61591)
05-16-2011	0900	< .04	< .08	< .008	< .006	< .02	< .008	< .054	< .08	< .03
08-01-2011	0700	< .04	< .08	< .008	< .006	< .02	< .008	< .054	< .08	< .03
09-19-2011	0800	< .04	< .08	< .008	< .006	< .02	< .008	< .054	< .08	< .03

## WATER-QUALITY DATA

## WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 5 of 8

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

Date	Sample start time	Fipronil	Fipronil	Fipronil,	Fonofos,	Hexa-	Iprodione,	Isofen-	Malaoxon,	Malathion,
		sulfide, water, filtered, recover- able, µg/L (62167)	sulfone, water, filtered, recover- able, µg/L (62168)	water, filtered, recover- able, µg/L (62166)	water, filtered, recover- able, µg/L (04095)	zinone, water, filtered, recover- able, µg/L (04025)	water, filtered, recover- able, µg/L (61593)	phos, water, filtered, recover- able, µg/L (61594)	water, filtered, recover- able, µg/L (61652)	water, filtered, recover- able, µg/L (39532)
05-16-2011	0900	< .012	< .024	< .018	< .005	< .008	< .014	< .006	< .022	< .016
08-01-2011	0700	< .012	< .024	< .018	< .005	< .008	< .014	< .006	< .022	< .016
09-19-2011	0800	< .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; &lt;, less than; E, estimated]

Date	Sample start time	Metalaxyl,	Methida-	Methyl	Methyl	Metola-	Metri-	Myclo-	Pendi-	Phorate
		water, filtered, recover- able, µg/L (61596)	thion, water, filtered, recover- able, µg/L (61598)	paraoxon, water, filtered, recover- able, µg/L (61664)	parathion, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82667)	chlor, water, filtered, recover- able, µg/L (39415)	buzin, water, filtered, recover- able, µg/L (82630)	butanil, water, filtered, recover- able, µg/L (61599)	methalin, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82683)	oxygen analog, water, filtered, recover- able, µg/L (61666)
05-16-2011	0900	< .014	< .012	< .01	< .008	.005	< .012	< .010	< .012	< .03
08-01-2011	0700	< .014	< .012	< .01	< .008	< .020	< .012	< .010	< .012	< .03
09-19-2011	0800	< .014	< .012	< .01	< .008	< .020	< .012	< .010	< .012	< .03

## 01435800 DIVERSION FROM NEVERSINK RESERVOIR, NY—Continued

## WATER-QUALITY DATA

## WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[µg/L, micrograms per liter; WB, Untreated water supply; &lt;, 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	0900	< .020	< .05	< .140	< .012	< .006	< .004	< .006	< .03	< .04
08-01-2011	0700	< .020	< .05	< .140	< .012	< .006	< .004	< .006	< .03	< .04
09-19-2011	0800	< .020	< .05	< .140	< .012	< .006	< .004	< .006	< .03	< .04

## WATER-QUALITY DATA

## WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[µg/L, micrograms per liter; WB, Untreated water supply; &lt;, 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	0900	< .02	< .01	< .018	< .018
08-01-2011	0700	< .02	< .01	< .018	< .018
09-19-2011	0800	< .02	< .01	< .018	< .018

## 01435800 DIVERSION FROM NEVERSINK RESERVOIR, NY—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 1 of 7

[µg/L, micrograms per liter; WB, Untreated water supply; &lt;, 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	0705	WB	Grab smp tap wat sup	< .200	< .06	< .02	< .06	< .06	< .060

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 2 of 7

[µg/L, micrograms per liter; WB, Untreated water supply; &lt;, 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	0705	< .040	< .040	< .08	< .060	< .12	< .040	< .04	< .060	< .06

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[µg/L, micrograms per liter; WB, Untreated water supply; &lt;, 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	0705	< .06	< .06	< .12	< .04	< .040	< .10	< .080	< .06	< .04

## 01435800 DIVERSION FROM NEVERSINK RESERVOIR, NY—Continued

## WATER-QUALITY DATA

## WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 4 of 7

[µg/L, micrograms per liter; WB, Untreated water supply; &lt;, 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	0705	< .04	< .04	< .04	< .04	< .04	< .04	< .06	< .06	< .04

## WATER-QUALITY DATA

## WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[µg/L, micrograms per liter; WB, Untreated water supply; &lt;, 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	0705	< .06	< .06	< .060	< .04	< .04	< .20	< .04	< .040	< .120

## WATER-QUALITY DATA

## WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 6 of 7

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

Date	Sample start time	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)	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	0705	< .14	< .06	< .02	< .10	< .04	< .04	< .12	< .12	< .040

## 01435800 DIVERSION FROM NEVERSINK RESERVOIR, NY—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 7 of 7

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

<b>Date</b>	<b>Sample start time</b>	<b>Propiconazole, water, filtered, recoverable, µg/L (50471)</b>	<b>Propoxur, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38538)</b>	<b>Siduron, water, filtered, recoverable, µg/L (38548)</b>	<b>Sulfometuron-methyl, water, filtered, recoverable, µg/L (50337)</b>	<b>Tebu-thiuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82670)</b>	<b>Terbacil, water, filtered, recoverable, µg/L (04032)</b>	<b>Triclopyr, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49235)</b>	<b>Caffeine, water, filtered, recoverable, µg/L (50305)</b>
08-01-2011	0705	< .04	< .060	< .04	< .060	< .060	< .040	< .08	< .080