

Water-Data Report 2006

401732074022101 Local number 250797 MW71 NJ Permit Number 29-44945

 Northern Atlantic Coastal Plain aquifer system
 Vincentown Formation

Monmouth County, NJ

LOCATION.--Lat 40°17'32", long 74°02'21" referenced to North American Datum of 1927, Eatontown Borough, Monmouth County, NJ, Hydrologic Unit 02030104, at entrance to DMV near Rtes 36 and 71.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 38.5 ft. Upper casing diameter 2 in; top of first opening 33.5 ft, bottom of last opening 38.5 ft.

DATUM.--Land-surface datum is 39 ft above National Geodetic Vertical Datum of 1929. Measuring point: Undefined.

PERIOD OF RECORD.--WY 2001, WY 2006.

REMARKS.--NJDEP Watershed Management Area 12. Urban Land Use Indicator.

COOPERATION.--Physical measurements and samples for laboratory analysis were provided by the New Jersey Department of Environmental Protection.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 1 of 11

[Remark codes: <, less than; E, estimated.]

Date	Time	Sample type	Depth to water level, feet below	Pump or flow rate, instantaneous	Turbdty period prior to sampling, minutes	Baro-metric det ang 90+/-30	Dis-solved oxygen, percent of saturation	pH, water, field, std units	Specif. conductance, wat unf uS/cm 25 degC
		LSD	Flow gal/min (72019)	to sample pling, NTRU (72004)	mm Hg (63676)	mg/L (00025)	disolved oxygen, mg/L (00300)	saturation (00301)	units (00400) (00095)
Apr									
24...	0930	Ambient Blank	--	--	--	--	--	--	--
24...	1000	Environmental	15.20	1.0	60	2.4	757	7.8	78

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 11

[Remark codes: <, less than; E, estimated.]

Date	Temper-ature, water, deg C (00010)	Hard-ness, water, mg/L as CaCO3 (00900)	Cal-cium, water, mg/L (00915)	Magnes-iun, water, mg/L (00925)	Potas-sium, water, mg/L (00935)	Sodium, water, mg/L (00930)	Bicar-bonate, wat flt incr. titr., mg/L (00453)	Chlor-ide, water, mg/L (00940)	Fluor-ide, water, mg/L (00950)	Silica, water, mg/L (00955)	Sulfate, water, mg/L (00945)	Residue water, sum of consti-tuents (70301)	Residue on filtr, evap. at (70300)	180degC wat flt mg/L
Apr														
24...	--	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	14.7	110	39.3	1.99	1.56	3.81	105	9.14	E.07	11.9	1.37	126	144	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 3 of 11

[Remark codes: <, less than; E, estimated.]

Date	Ammonia		Nitrite		Ortho-phosphate		Organic carbon		Alum-inum		Anti-mony		Arsenic		Barium		Beryll-ium		Boron	Cadmium
	+ org-N, water, filtrd, mg/L as N (00623)	Ammonia water, filtrd, mg/L as N (00608)	+ nitrate water, filtrd, mg/L as N (00631)	Nitrite water, filtrd, mg/L as N (00613)	Nitrite water, filtrd, mg/L as P (00671)	water, filtrd, mg/L as P (00681)	water, filtrd, mg/L (00681)	water, filtrd, mg/L (01106)	water, filtrd, ug/L (01095)	water, filtrd, ug/L (01000)	water, filtrd, ug/L (01005)	water, filtrd, ug/L (01010)	water, filtrd, ug/L (01010)	water, filtrd, ug/L (01020)	water, filtrd, ug/L (01025)	water, filtrd, ug/L (01020)	water, filtrd, ug/L (01025)	Boron	Cadmium	
Apr																				
24...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
24...	<.10	<.04	1.10	<.008	.02	E.2	E1.0	<.20	<.12	1	<.06	14	<.04							

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 4 of 11

[Remark codes: <, less than; E, estimated.]

Date	Chrom- ium, water, filtrd, ug/L (01030)	Copper, water, filtrd, ug/L (01040)	Iron, water, filtrd, ug/L (01046)	Lead, water, filtrd, ug/L (01049)	Mangan- ese, water, filtrd, ug/L (01056)	Mercury water, filtrd, ug/L (71890)	Nickel, water, filtrd, ug/L (01065)	Selen- ium, water, filtrd, ug/L (01145)	Silver, water, filtrd, ug/L (01075)	Thall- ium, water, filtrd, ug/L (01057)	Zinc, water, filtrd, ug/L (01090)	2,6-Di- ethyl- aniline water, filtrd, 0.7u GF (82660)	CIAT, water, filtrd, ug/L (04040)
Apr													
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	5.9	<.4	<6	<.08	<.2	<.010	2.36	<.08	<.2	<.04	E.3	<.006	<.014

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 5 of 11

[Remark codes: <, less than; E, estimated.]

Date	Aceto-chlor, water, filtrd, ug/L (49260)		Ala-chlor, water, filtrd, ug/L (46342)	alpha-HCH, water, filtrd, ug/L (34253)	Atra-zine, water, filtrd, ug/L (39632)	Azin-phos-methyl, water, filtrd 0.7u GF	Ben-flur-alin, water, filtrd 0.7u GF	Butyl-ate, water, filtrd 0.7u GF	Car-baryl, water, filtrd 0.7u GF	Carbo-furan, water, filtrd 0.7u GF	Chlor-pyrifos, water, filtrd 0.7u GF	cis-Per-methrin, water, filtrd 0.7u GF	Cyana-zine, water, filtrd, ug/L (04041)
Apr													
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	<.006	<.005	<.005	<.007	<.050	<.010	<.004	<.041	<.020	<.005	<.006	<.018	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 6 of 11

[Remark codes: <, less than; E, estimated.]

Date	DCPA, water, 0.7u GF ug/L (82682)	Desulf- inyl fipro- nil, filtrd, fltrd, ug/L (62170)	Diazi- non, water, fltrd, fltrd, ug/L (39572)	Diel- drin, water, fltrd, fltrd, ug/L (39381)	Disul- foton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal- flur- alin, water, fltrd 0.7u GF ug/L (82663)	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	Desulf- inyl- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	Fipro- nil sulfone water, fltrd, ug/L (62168)	Fipro- nil water, fltrd, ug/L (62166)
Apr												
24...	--	--	--	--	--	--	--	--	--	--	--	--
24...	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.012	<.029	<.013	<.024	<.016

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 7 of 11

[Remark codes: <, less than; E, estimated.]

Date	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water, fltrd, 0.7u GF ug/L (82666)	Mala- thion, water, fltrd, ug/L (39532)	Metola- thion, water, fltrd 0.7u GF ug/L (82667)	Metola- chlor, water, fltrd 0.7u GF ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd 0.7u GF ug/L (82671)	Naprop- amide, water, fltrd 0.7u GF ug/L (82684)	p,p'- DDE, water, fltrd, ug/L (34653)	Para- thion, water, fltrd, ug/L (39542)	Peb- ulate, water, fltrd, ug/L (82669)	Pendi- meth- alin, water, fltrd, 0.7u GF ug/L (82683)
Apr													
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	<.005	<.004	<.035	<.027	<.015	<.006	<.028	<.003	<.007	<.003	<.010	<.004	<.022

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 8 of 11

[Remark codes: <, less than; E, estimated.]

Date	Phorate water, fltrd, 0.7u GF ug/L (82664)	Promo- ton, water, fltrd, ug/L (04037)	Propy- zamide, water, fltrd, 0.7u GF ug/L (82676)	Propa- chlor, water, fltrd, ug/L (04024)	Pro- panil, water, fltrd 0.7u GF ug/L (82679)	Propar- gite, water, fltrd 0.7u GF ug/L (82685)	Sima- zine, water, fltrd 0.7u GF ug/L (04035)	Tebu- thiuron, water, fltrd 0.7u GF ug/L (82670)	Terba- cil, water, fltrd 0.7u GF ug/L (82665)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Thio- bencarb, water, fltrd 0.7u GF ug/L (82681)	Tri- allate, water, fltrd 0.7u GF ug/L (82678)	Tri- flur- alin, water, fltrd, 0.7u GF ug/L (82661)
Apr													
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	<.055	<.01	<.004	<.010	<.011	<.02	<.005	<.02	<.034	<.02	<.010	<.006	<.009

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 9 of 11

[Remark codes: <, less than; E, estimated.]

Date	1,1,1-Tri-chloro-ethane, water, unfltrd	1,1-Di-chloro-ethane, CFC-113, water, unfltrd	1,1-Di-chloro-ethene, water, unfltrd	1,2-Di-chloro-benzene, water, unfltrd	1,2-Di-chloro-ethane, water, unfltrd	1,2-Di-chloro-propane, water, unfltrd	1,3-Di-chloro-benzene, water, unfltrd	1,4-Di-chloro-benzene, water, unfltrd	Bromo-chloro-methane, water, unfltrd	cis-1,2-Di-chloro-ethene, water, unfltrd
	ug/L (34506)	ug/L (77652)	ug/L (34496)	ug/L (34501)	ug/L (34536)	ug/L (32103)	ug/L (34541)	ug/L (34566)	ug/L (34571)	ug/L (34030)
Apr										
24...	<.1	<.1	<.1	<.1	<.1	<.2	<.1	<.1	<.1	<.1
24...	<.1	<.1	<.1	<.1	<.1	<.2	<.1	<.1	<.1	<.1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 10 of 11

[Remark codes: <, less than; E, estimated.]

Date	Di-bromo-chloro-methane, water, unfltrd	Di-chloro-fluoro-methane, wat unf	Di-chloro-methane, water, unfltrd	Di-ethyl ether, water, unfltrd	Diiso-propyl ether, water, unfltrd	Ethyl-benzene, water, unfltrd	Methyl-pentyl ether, water, unfltrd	meta-+ para-Xylene, water, unfltrd	o-Xylene, water, unfltrd	Styrene, water, unfltrd	t-Butyl-ethyl ether, water, unfltrd	Methyl-t-butyl ether, water, unfltrd	Tetra-chloro-ethene, water, unfltrd
	ug/L (32105)	ug/L (34668)	ug/L (34423)	ug/L (81576)	ug/L (81577)	ug/L (34371)	ug/L (50005)	ug/L (85795)	ug/L (77135)	ug/L (77128)	ug/L (50004)	ug/L (78032)	ug/L (34475)
Apr													
24...	<.2	<.2	<.2	<.2	<.2	<.1	<.2	<.2	<.1	<.1	<.1	<.2	<.1
24...	<.2	<.2	<.2	<.2	<.2	<.1	<.2	<.2	<.1	<.1	<.1	5.4	<.1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 11 of 11

[Remark codes: <, less than; E, estimated.]

Date	Tetra-chloro-methane, water, unfltrd	Toluene	trans-1,2-Di-chloro-ethene, water, unfltrd	Tri-bromo-methane, water, unfltrd	Tri-chloro-ethene, water, unfltrd	Tri-fluoro-methane, water, unfltrd	Vinyl-chloride, water, unfltrd	Alpha-radioac 30 day, Th-230, pCi/L (62639)	Alpha-radioac 72 hr, wat flt, Th-230, pCi/L (62636)	Beta-radioac 30 day, Cs-137, pCi/L (62645)	Beta-radioac 72 hr, wat flt, Cs-137, pCi/L (62642)
	ug/L (32102)	ug/L (34010)	ug/L (34546)	ug/L (32104)	ug/L (39180)	ug/L (34488)	ug/L (32106)	ug/L (39175)	pCi/L (62639)	pCi/L (62636)	pCi/L (62645)
Apr											
24...	<.2	<.1	<.1	<.2	<.1	<.2	<.1	<.2	--	--	--
24...	<.2	.3	<.1	<.2	<.1	<.2	.6	<.2	-1.7	-.2	1.6