

## Water-Data Report 2006

**400204074145401 Local number 291418 MW63 NJ Permit Number 29-45123**

 Northern Atlantic Coastal Plain aquifer system  
 Cohansey Sand-Kirkwood Formation

Ocean County, NJ

LOCATION.--Lat 40°02'04", long 74°14'54" referenced to North American Datum of 1927, Toms River Township, Ocean County, NJ, Hydrologic Unit 02040301, Rt 70 and Dover-Pine Rd.

**WATER-QUALITY RECORDS**

WELL CHARACTERISTICS.--Depth 24 ft. Upper casing diameter 2 in; top of first opening 19 ft, bottom of last opening 24 ft.

DATUM.--Land-surface datum is 63 ft above National Geodetic Vertical Datum of 1929. Measuring point: Undefined.

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

REMARKS.--NJDEP Watershed Management Area 13. Urban Land Use Indicator.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 1 of 11

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

Date	Time	Depth to water level, feet below	Pump flow rate, instantaneous	Turbidity period prior to sampling, minutes	Turbidity white light, det ang 90+/-30	Barometric pressure, corrcd NTRU	Dissolved oxygen, mg/L	pH, water, percent of saturation	Specific conductance, mhos/cm	Temperature, water, deg C	Hardness, water, mg/L as CaCO3	Calcium water, mg/L	
	LSD (72019)	(00059)	gal/min (72004)	minutes		mm Hg (63676)	(00025)	(00300)	(00400)	25 degC (00095)	(00010)	(00900) (00915)	
Jun 19...	1030	20.00	.60	40	.3	762	8.5	82	5.1	438	13.6	33	9.56

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 2 of 11

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

Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit	Bicarbonate, wat flt incr.	Chloride, titr., field, mg/L (39086)	Fluoride, water, field, mg/L (00453)	Silica, water, fltrd, mg/L (00940)	Sulfate, water, fltrd, mg/L (00950)	Residue water, fltrd, sum of constituents (00955)	Residue water, evap. at 180degC (00945)	Ammonia + org-N, water, fltrd, mg/L as N (70301)	Ammonia, water, fltrd, mg/L as N (00623) (00608)
Jun 19...	2.25	.78	67.1	6	8	110	<.10	4.9	16.7	218	240	<.10	<.010

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 3 of 11

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

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho- phosphate, water, fltrd, mg/L as P (00671)	Organic carbon, water, fltrd, mg/L (00681)	Alum- inum, water, fltrd, ug/L (01106)	Anti- mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll- ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chrom- ium, water, fltrd, ug/L (01030)	Copper, water, fltrd, ug/L (01040)
Jun 19...	.77	<.002	E.004	.6	4.0	<.20	<.12	42	E.04	16	E.03	.31	3.7

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 4 of 11

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

Date	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Mangan- ese, water, fltrd, ug/L (01056)	Mercury, water, fltrd, ug/L (71890)	Nickel, water, fltrd, ug/L (01065)	Selen- ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Thall- ium, water, fltrd, ug/L (01057)	Zinc, water, fltrd, ug/L (01090)	2,6-Di- ethyl- aniline water, fltrd, 0.7u GF (82660)	CIAT, water, fltrd, ug/L (04040)	Aceto- chlor, water, fltrd, ug/L (49260)	Ala- chlor, water, fltrd, ug/L (46342)
Jun 19...	E5	.68	22.7	<.010	.85	.27	<.2	E.02	E.5	<.006	E.002	<.006	<.005

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 5 of 11

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

Date	alpha- HCH, water, fltrd, ug/L (34253)	Atra- zine, water, fltrd, ug/L (39632)	Azin- phos- methyl, water, fltrd, ug/L (82686)	Ben- flur- alin, water, fltrd, ug/L (82673)	Car- baryl, water, fltrd, ug/L (04028)	Carbo- furan, water, fltrd, ug/L (82680)	Chlor- pyrifos, water, fltrd, ug/L (82674)	cis- Per- methrin water, fltrd, ug/L (38933)	Cyana- zine, water, fltrd, ug/L (82687)	DCPA, water, fltrd, ug/L (04041)	Desulf- inyl nil, water, fltrd, ug/L (82682)	
Jun 19...	<.005	E.004	<.050	<.010	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 6 of 11

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

Date	Diazi-	Diel-	Disul-	EPTC,	Ethal-	Desulf-	Fipro-	Fipro-	Fipro-	Fonofos	Lindane	
	non, water, filtrd, filtrd, ug/L (39572)	drin, water, filtrd, filtrd, ug/L (39381)	foton, water, filtrd 0.7u GF ug/L (82677)	water, water, filtrd 0.7u GF ug/L (82668)	flur- alin, water, filtrd 0.7u GF ug/L (82663)	Etho- prop, water, filtrd 0.7u GF ug/L (82672)	inyl- fipro- nil amide, wat flt ug/L (62169)	nil sulfide water, filtrd, ug/L (62167)	sulfide water, filtrd, ug/L (62168)	nil, water, filtrd, ug/L (62166)	water, filtrd, ug/L (04095)	water, filtrd, ug/L (39341)
Jun 19...	<.005	<.009	<.02	<.004	<.009	<.012	<.029	<.013	<.024	<.016	<.005	<.004

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 7 of 11

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

Date	Methyl para-thion,				Moli-nate,	Naprop-amide,	p,p'-DDE,	Para-thion,	Peb-ulate,	Pendi-meth-alin,	Phorate	Promo-ton,	
	Linuron water, filtrd 0.7u GF ug/L (82666)	Malathion, water, filtrd 0.7u GF ug/L (39532)	Metola-chlor, water, filtrd 0.7u GF ug/L (82667)	Metri-buzin, water, filtrd 0.7u GF ug/L (39415)	water, filtrd 0.7u GF ug/L (82630)	water, filtrd 0.7u GF ug/L (82671)	water, filtrd 0.7u GF ug/L (82684)	water, filtrd 0.7u GF ug/L (34653)	water, filtrd 0.7u GF ug/L (39542)	water, filtrd 0.7u GF ug/L (82669)	water, filtrd 0.7u GF ug/L (82683)	water, filtrd 0.7u GF ug/L (82664)	water, filtrd 0.7u GF ug/L (04037)
Jun 19...	<.035	<.027	<.015	E.002	<.028	<.003	<.007	<.003	<.010	<.004	<.022	<.055	E.01

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 8 of 11

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

Date	Propy-zamide, water, filtrd 0.7u GF ug/L (82676)	Propa-chlor, water, filtrd 0.7u GF ug/L (04024)	Pro-panal, water, filtrd 0.7u GF ug/L (82679)	Propar-gite, water, filtrd 0.7u GF ug/L (82685)	Tebu-Sima-zine, water, filtrd 0.7u GF ug/L (04035)	Terba-thiuron, water, filtrd 0.7u GF ug/L (82670)	Terbu-cil, water, filtrd 0.7u GF ug/L (82665)	Terbu-fos, water, filtrd 0.7u GF ug/L (82675)	Thio-bencarb, water, filtrd 0.7u GF ug/L (82681)	Tri-allate, water, filtrd 0.7u GF ug/L (82678)	Tri-flur-alin, water, filtrd 0.7u GF ug/L (82661)	1,1,1-tri-chloro-ethane, water, unfiltrd ug/L (34506)	
												CFC-113	
Jun 19...	<.004	<.010	<.011	<.02	<.005	<.02	<.034	<.02	<.010	<.006	<.009	<.1	<.1

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 9 of 11

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

Date	1,1-Di-chloro-ethane, 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	Benzene water unfltrd	Bromo-di-chloro-methane water unfltrd	Chloro-benzene water unfltrd	cis-1,2-Di-chloro-ethene, water unfltrd	Di-bromo-chloro-methane water unfltrd	Di-chloro-fluoro-methane water wat unf	
	ug/L (34496)	ug/L (34501)	ug/L (34536)	ug/L (32103)	ug/L (34541)	ug/L (34566)	ug/L (34571)	ug/L (34030)	ug/L (32101)	ug/L (34301)	ug/L (77093)	ug/L (32105)	ug/L (34668)	
Jun 19...	<.1	<.1	<.1	<.2	<.1	<.1	<.1	<.1	<.1	<.1	<.1	<.1	<.2	<.2

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 10 of 11

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

Date	Di-chloro-methane water unfltrd	Di-ethyl ether, water unfltrd	Diiso-propyl ether, water unfltrd	Ethyl-benzene water unfltrd	Methyl-tert-pentyl water unfltrd	meta-+ para-ether, 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	Tetra-chloro-methane water unfltrd	Toluene water unfltrd	
	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)	ug/L (32102)	ug/L (34010)	
Jun 19...	<.2	<.2	<.2	<.1	<.2	<.2	<.1	<.1	<.1	<.1	<.2	<.1	<.2	<.1

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 11 of 11

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

Date	trans-1,2-Di-chloro-ethene, water unfltrd	Tri-bromo-methane water unfltrd	Tri-chloro-ethene, water unfltrd	Tri-fluoro-methane water unfltrd	Tri-chloro-methane water unfltrd	Vinyl chloride, water unfltrd	Alpha radioac Th-230, pCi/L (62639)	Alpha radioac Th-230, pCi/L (62636)	Beta radioac Cs-137, pCi/L (62645)	Beta radioac Cs-137, pCi/L (62642)
	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)	pCi/L (62642)
Jun 19...	<.1	<.2	<.1	<.2	.5	<.2	7.4	10.8	3.8	3.4