



Water-Data Report 2008

405846072093001 Local number S 49898. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°58'46", long 72°09'30" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 63.5 ft. Upper casing diameter 6 in; top of first opening 52 ft, bottom of last opening 62 ft.

DATUM.--Land-surface datum is 41.2 ft above National Geodetic Vertical Datum of 1929.

**WATER-QUALITY DATA
 WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 1 of 13

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Date	Time	Depth to water level, feet below LSD (72019)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd std units (00400)	Specific conductance, wat unf μS/cm @ 25 degC (00095)	Temperature, deg C (00010)	Turbidity white light, det ang 90+/-30 degrees NTU (63675)	Water level, depth below MP, feet (61055)	Dis-solved solids dried @ 180degC wat flt mg/L (70300)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
Jun 10...	1100	32.65	7.7	5.3	182	12.3	2.6	41.12	59	2.15	2.10	.91	7.50

**WATER-QUALITY DATA
 WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 2 of 13

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Date	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Hydrogen sulfide water, unfltrd mg/L (71875)	Silica, water, fltrd, mg/L as SiO2 (00955)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Total nitrogen, wat flt by analysis, mg/L (62854)	Iron, water, fltrd, μg/L (01046)	Manganese, water, fltrd, μg/L (01056)
Jun 10...	.03	12.8	<.12	U	11.3	2.54	<.020	1.07	<.002	E.005n	1.17	1,570	48.0

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 3 of 13

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Date	1,4-Di-chloro-benzene water, fltrd, µg/L (34572)	1-Naph-thol, water, fltrd, 0.7u GF µg/L (49295)	2,6-Di-ethyl-aniline water, fltrd, 0.7u GF µg/L (82660)	2Chloro-2',6'-diethyl acet-anilide wat flt µg/L (61618)	CIAT, water, fltrd, µg/L (04040)	2-Ethyl-6-methyl-aniline wat flt µg/L (61620)	3,4-Di-chloro-aniline water, fltrd, µg/L (61625)	3,5-Di-chloro-aniline water, fltrd, µg/L (61627)	4-Chloro-2-methyl-phenol wat flt µg/L (61633)	Aceto-chlor, water, fltrd, µg/L (49260)	Ala-chlor, water, fltrd, µg/L (46342)	alpha-Endo-sulfan, water, fltrd, µg/L (34362)	Atra-zine, water, fltrd, µg/L (39632)
Jun 10...	<.1mc	<.04mc	<.006	<.010	<.014mc	<.010mc	<.006mc	<.008	<.005mc	<.006	<.006	<.006	<.007

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Date	Azin-phos-methyl oxon, water, fltrd, µg/L (61635)	Azin-phos-methyl, water, fltrd, 0.7u GF µg/L (82686)	Ben-flur-alin, water, fltrd, 0.7u GF µg/L (82673)	Broma-cil, water, fltrd, µg/L (04029)	Camphor water, fltrd, µg/L (62070)	Car-baryl, water, fltrd, 0.7u GF µg/L (82680)	Carba-zole, water, fltrd, µg/L (62071)	Carbo-furan, water, fltrd, 0.7u GF µg/L (82674)	Chlor-pyrifos oxon, water, fltrd, µg/L (61636)	Chlor-pyrifos water, fltrd, µg/L (38933)	cis-Per-methrin water fltrd 0.7u GF µg/L (82687)	cis-Propi-cona-zole, water, fltrd, µg/L (79846)	Cyana-zine, water, fltrd, µg/L (04041)
Jun 10...	<.04mc	<.120mc	<.010	<.4	<.1	<.060mc	<.1	<.020mc	<.06mc	<.005	<.010	<.006mc	<.020

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Part 5 of 13

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Date	Cyflu-thrin, water, fltrd, µg/L (61585)	Cyper-methrin water, fltrd, µg/L (61586)	DCPA, water, fltrd, 0.7u GF µg/L (82682)	DEET, water, fltrd, µg/L (62082)	Desulf-inyl-fipro-nil amide, wat flt µg/L (62169)	Desulf-inyl-fipro-nil, water, fltrd, µg/L (62170)	Diazi-non, water, fltrd, µg/L (39572)	Di-chlor-vo-s, water, fltrd, µg/L (38775)	Dicro-tophos, water, fltrd, µg/L (38454)	Diel-drin, water, fltrd, µg/L (39381)	Dimeth-oate, water, fltrd, 0.7u GF µg/L (82662)	Disulf-oton sulfone water, fltrd, µg/L (61640)	Disul-foton, water, fltrd, 0.7u GF µg/L (82677)
Jun 10...	<.016mc	<.014mc	<.003	<.1	<.029	<.012	<.005	<.01mc	<.08mc	<.009	<.006mc	<.01	<.04mc

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WATER-QUALITY DATA
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Part 6 of 13

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Date	Endo-	EPTC,	Ethion	Ethion,	Etho-	Fenami-	Fenami-	Fipro-	Fipro-	Fipro-	Fonofos	Hexa-	
	sulfan	water,	monoxon	water,	prop,	phos	phos	nil	nil	nil,	water,	zinone,	
	sulfate	water,	water,	water,	water,	sulfone	sulfone	sulfide	sulfone	water,	water,	water,	
	water,	fltrd	fltrd,	fltrd,	fltrd	water,	water,	water,	water,	water,	fltrd,	fltrd,	
	fltrd,	0.7u GF	fltrd,	fltrd,	0.7u GF	fltrd,							
	μg/L												
	(61590)	(82668)	(61644)	(82346)	(82672)	(61645)	(61646)	(61591)	(62167)	(62168)	(62166)	(04095)	
												(04025)	
Jun													
10...	E.006t	<.002	<.02mc	<.006	<.012	<.053	<.20mc	<.03	<.013	<.024	<.020mc	<.010	<.008

WATER-QUALITY DATA
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Date	Ipro-	Isofen-	lambda-	Mala-	Mala-	Meta-	Meta-	Methid-	Methyl	Methyl	Metola-	Metri-	Moli-
	di-	phos,	Cyhalo-	oxon,	thion,	laxyl,	laxyl,	athion,	para-	para-	chlor,	buzin,	nate,
	water,												
	fltrd,	fltrd	fltrd,	fltrd,	fltrd								
	μg/L	0.7u GF	μg/L	μg/L	0.7u GF								
	(61593)	(61594)	(61595)	(61652)	(39532)	(50359)	(61596)	(61598)	(61664)	(82667)	(39415)	(82630)	(82671)
Jun													
10...	<.010mc	<.006	<.004mc	<.020	<.016	<.1	<.007	<.004	<.01mc	<.008	E.006n	<.012	<.003

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Part 8 of 13

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Date	Myclo-	Oxy-	p-	Pendi-	Phorate	Phorate	Phosmet	Phosmet	Prome-	Prome-	Pro-	Propar-	Propy-
	butanil	fluor-	Cresol,	meth-	oxon,	oxon,	oxon,	oxon,	ton,	tryn,	panil,	gite,	zamide,
	water,	water,	water,	alin,	water,								
	fltrd,	fltrd,	fltrd,	water,									
	fltrd,	fltrd,	fltrd,	fltrd	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,	fltrd	fltrd	fltrd
	μg/L	μg/L	μg/L	0.7u GF	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	0.7u GF	0.7u GF	0.7u GF
	(61599)	(61600)	(62084)	(82683)	(61666)	(82664)	(61668)	(61601)	(04037)	(04036)	(82679)	(82685)	(82676)
Jun													
10...	<.010	<.006	<.18	<.012	<.03mc	<.040	<.05mc	<.008mc	<.01	<.006	<.006	<.04	<.004

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Date	Sima- zine, water, fltrd, µg/L (04035)	Tebu- thiuron water, fltrd, 0.7u GF µg/L (82670)	Teflu- thrin, water, fltrd, µg/L (61606)	Ter- bufos sulfone water, fltrd, µg/L (61674)	Terbu- fos, water, fltrd, 0.7u GF µg/L (82675)	Ter- butyl- azine, water, fltrd, µg/L (04022)	Thio- bencarb water, fltrd, 0.7u GF µg/L (82681)	trans- Propi- cona- zole, water, fltrd, µg/L (79847)	Tribu- phos, water, fltrd, µg/L (61610)	Tri- flur- alin, water, fltrd, 0.7u GF µg/L (82661)	1- Methyl- naphth- alene, water, fltrd, µg/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, µg/L (62055)	2- Methyl- naphth- alene, water, fltrd, µg/L (62056)
Jun 10...	<.006	<.02	<.003mc	<.04	<.02	<.01	<.010	<.02mc	<.035mc	<.009	<.1	<.1	<.1

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WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 10 of 13

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Date	3-beta- Copros- tanol, water, fltrd, µg/L (62057)	3- Methyl- 1H- indole, water, fltrd, µg/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt µg/L (62059)	4- Cumyl- phenol, water, fltrd, µg/L (62060)	4-n- Octyl- phenol, water, fltrd, µg/L (62061)	4- Nonyl- phenol, all isomers wat flt µg/L (62085)	4-Nonyl -phenol di- ethox- ylate, wat flt µg/L (62083)	4t-Octy lphenol di- ethox- ylate, wat flt µg/L (61705)	4t-Octy lphenol mono- ethox- ylate, wat flt µg/L (61706)	4-tert- Octyl- phenol, water, fltrd, µg/L (62062)	5-Meth- yl-1H- benzo- azole, wat flt µg/L (62063)	9,10- Anthra- quinone water, fltrd, µg/L (62066)	Aceto- phenone water, fltrd, µg/L (62064)
Jun 10...	<2mc	<.08	<.6mc	<.1	<.16	<1mc	<5mc	<1mc	<1mc	<1	<.08	<.2	<.4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 11 of 13

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Date	AHTN, water, fltrd, µg/L (62065)	Anthra- cene, water, fltrd, µg/L (34221)	Benzo- [a]- pyrene, water, fltrd, µg/L (34248)	Benzo- phenone water, fltrd, µg/L (62067)	beta- Sitos- terol, water, fltrd, µg/L (62068)	beta- Stigmas tanol, water, fltrd, µg/L (62086)	Caf- feine, water, fltrd, µg/L (50305)	Choles- terol, water, fltrd, µg/L (62072)	Cot- inine, water, fltrd, µg/L (62005)	D-Limo- nene, water, fltrd, µg/L (62073)	Fluor- anthene water, fltrd, µg/L (34377)	HHCB, water, fltrd, µg/L (62075)	Indole, water, fltrd, µg/L (62076)
Jun 10...	<.5	<.1	<.1	<.1	<2mc	<1mc	<.1	<2mc	<.400mc	<.04mc	<.1	<.5	<.1

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 12 of 13

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Date	Isoborneol, water, fltrd, µg/L (62077)	Iso-phorone water, fltrd, µg/L (34409)	Iso-propylbenzene water, fltrd, µg/L (62078)	Iso-quinoline, water, fltrd, µg/L (62079)	Menthol water, fltrd, µg/L (62080)	Methyl salicylate, water, fltrd, µg/L (62081)	Naphthalene, water, fltrd, µg/L (34443)	Phenanthrene, water, fltrd, µg/L (34462)	Phenol, water, fltrd, µg/L (34466)	Pyrene, water, fltrd, µg/L (34470)	Tetra-chloro-ethene, water, fltrd, µg/L (34476)	Tri-bromo-methane water, fltrd, µg/L (34288)	Tri-butyl phosphate, water, fltrd, µg/L (62089)
Jun 10...	<.1	<.1	<.1mc	<.2	<.2	<.1	<.1	<.1	<.2	<.1	<.1mc	<.1mc	<.2

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Part 13 of 13

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Date	Triclosan, water, fltrd, µg/L (62090)	Tri-ethyl citrate water, fltrd, µg/L (62091)	Tri-phenyl phosphate, water, fltrd, µg/L (62092)	Tris(2-butoxyethyl) phosphate, wat flt µg/L (62093)	Tris(2-chloroethyl) phosphate, wat flt µg/L (62087)	Tris(di-chloro-i-Pr) phosphate, wat flt µg/L (62088)
Jun 10...	<.2	<.2	<.1	<.4mc	<.1	<.1