Water-Data Report 2007

410350072210601 Local number S 51172. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°03′50″, long 72°21′06″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 37 ft. Upper casing diameter 4 in; top of first opening 25 ft, bottom of last opening 35 ft.

DATUM.--Land-surface datum is 17.2 ft above National Geodetic Vertical Datum of 1929.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 1 of 6

[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

Date	Time	Depth to water level, feet below LSD (72019)	Water level, depth below MP, feet (61055)	Turbdty white light, det ang 90+/-30 degrees NTU (63675)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif-ic conduc-tance, wat unf µS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Alka-linity, wat flt inf tit field, mg/L as CaCO3 (39086)	2,4-D methyl ester, water, fltrd, µg/L (50470)	2,4-D, water, fltrd, µg/L (39732)	2,4-DB, water, fltrd 0.7u GF µg/L (38746)	ClAT, water, fltrd, µg/L (04040)
Nov													
16...	1400	13.58	11.88	2.0	<1.0	5.9	566	14.4	167	<.200	<.04	<.02	<.02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 2 of 6

[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

Date	CEAT, water, fltrd, µg/L (04038)	OIET, water, fltrd, µg/L (50355)	3-Hydroxy carbo-furan, wat flt 0.7u GF µg/L (49308)	Aci-fluor-fen, water, fltrd 0.7u GF µg/L (49315)	Aldi-carb sulfone water, fltrd 0.7u GF µg/L (49313)	Aldi-carb sulf-oxide, wat flt 0.7u GF µg/L (49314)	Aldi-carb, water, fltrd 0.7u GF µg/L (49312)	Atra-zine, water, fltrd, µg/L (39632)	Bendio-carb, water, fltrd, µg/L (50299)	Benomyl water, fltrd, µg/L (50300)	Bensul-furon-methyl, water, fltrd, µg/L (61693)	Ben-tazon, water, fltrd 0.7u GF µg/L (38711)	Broma-cil, water, fltrd, µg/L (04029)
Nov													
16...	<.08	<.080	<.020	<.060	<.08	<.040mc	<.04mc	<.040	<.04	<.020	<.06	<.02	<.04

410350072210601 Local number S 51172. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 3 of 6
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

Date	Bromoxynil, water, fltrd 0.7u GF µg/L (49311)	Caffeine, water, fltrd, µg/L (50305)	Carbaryl, water, fltrd 0.7u GF µg/L (49310)	Carbofuran, water, fltrd 0.7u GF µg/L (49309)	Chloramben methyl ester, water, fltrd, µg/L (61188)	Chlorimuron-ethyl, water, fltrd, µg/L (50306)	Chloro-di-amino-s-triazine, wat flt µg/L (04039)	Clopyralid, water, fltrd 0.7u GF µg/L (49305)	Cycloate, water, fltrd, µg/L (04031)	Dacthal mono-acid, water, fltrd 0.7u GF µg/L (49304)	Dicamba water, fltrd 0.7u GF µg/L (38442)	Dichlorprop, water, fltrd 0.7u GF µg/L (49302)	Dinoseb water, fltrd 0.7u GF µg/L (49301)
Nov 16...	<.12	<.040	<.02	<.060	<.10	<.080mc	<.12	<.06mc	<.06	<.02	<.08	<.04	<.04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 4 of 6
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

Date	Diphenamid, water, fltrd, µg/L (04033)	Diuron, water, fltrd 0.7u GF µg/L (49300)	Fenuron water, fltrd 0.7u GF µg/L (49297)	Flumetsulam, water, fltrd, µg/L (61694)	Fluometuron water, fltrd 0.7u GF µg/L (38811)	Imazaquin, water, fltrd, µg/L (50356)	Imazethapyr, water, fltrd, µg/L (50407)	Imidacloprid water, fltrd, µg/L (61695)	Linuron water, fltrd 0.7u GF µg/L (38478)	MCPA, water, fltrd 0.7u GF µg/L (38482)	MCPB, water, fltrd 0.7u GF µg/L (38487)	Metalaxyl, water, fltrd, µg/L (50359)	Methiocarb, water, fltrd 0.7u GF µg/L (38501)
Nov 16...	<.04	<.04	<.04	<.06	<.04	<.04mc	<.04	<.060	<.04	<.06	<.20	<.04	<.040

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 5 of 6
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

Date	Methomyl, water, fltrd 0.7u GF µg/L (49296)	Metsulfuron-methyl, water, fltrd, µg/L (61697)	N-(4-Chlorophenyl)-N'-methylurea, µg/L (61692)	Neburon water, fltrd 0.7u GF µg/L (49294)	Nicosulfuron, water, fltrd, µg/L (50364)	Norflurazon, water, fltrd 0.7u GF µg/L (49293)	Oryzalin, water, fltrd 0.7u GF µg/L (49292)	Oxamyl, water, fltrd 0.7u GF µg/L (38866)	Picloram, water, fltrd 0.7u GF µg/L (49291)	Propham water, fltrd 0.7u GF µg/L (49236)	Propiconazole, water, fltrd, µg/L (50471)	Propoxur, water, fltrd 0.7u GF µg/L (38538)	Siduron water, fltrd, µg/L (38548)
Nov 16...	<.060mc	<.14mc	<.06	<.02	<.10	<.04	<.04	<.04	<.12	<.060	<.06	<.040	.33

410350072210601 Local number S 51172. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 6 of 6
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

Date	Sulfo-met-ruron-methyl, water, fltrd, µg/L (50337)	Tebu-thiuron water, fltrd 0.7u GF µg/L (82670)	Terba-cil, water, fltrd, µg/L (04032)	Tri-clopyr, water, fltrd 0.7u GF µg/L (49235)
Nov				
16...	<.060	<.040	<.040	<.04