



Water-Data Report 2009

403426073583201 Local number K 2510. 1

Northern Atlantic Coastal Plain aquifer system
 Jameco Aquifer
 Kings County, NY

LOCATION.--Lat 40°34'26", long 73°58'32" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 206 ft. Upper casing diameter 12.0 in; top of first opening 180 ft, bottom of last opening 206 ft.

DATUM.--Land-surface datum is 73 ft above National Geodetic Vertical Datum of 1929.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Dissolved solids dried at 180 °C, water, filtered, mg/L (70300)	Calcium, water, unfiltered, recoverable, mg/L (00916)	Magnesium, water, unfiltered, recoverable, mg/L (00927)	Potassium, water, unfiltered, recoverable, mg/L (00937)
07-22-2009	1045	1.6	7.3	44,500	13.4	.1	30,300	329	1,000	299

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sodium, water, unfiltered, recoverable, mg/L (00929)	ANC, water, unfiltered, fixed endpoint titration, laboratory, mg/L as CaCO ₃ (90410)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Orthophosphate, water, filtered, mg/L as P (00671)
07-22-2009	8,390	143	16,800	.77	10.0	2,320	1.58	< .04	.002	.019

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Barium, water, unfiltered, recoverable, μg/L (01007)	Cadmium, water, unfiltered, recoverable, μg/L (01027)	Chromium, water, unfiltered, recoverable, μg/L (01034)	Copper, water, unfiltered, recoverable, μg/L (01042)	Iron, water, filtered, μg/L (01046)	Iron, water, unfiltered, recoverable, μg/L (01045)	Lead, water, unfiltered, recoverable, μg/L (01051)	Manganese, water, filtered, μg/L (01056)	Manganese, water, unfiltered, recoverable, μg/L (01055)	Mercury, water, unfiltered, recoverable, μg/L (71900)
07-22-2009	41.6	< 1.08	< 7.2	< 72.0	174	151	3.16	3,130	3,540	< .010

WATER-QUALITY DATA
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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Silver, water, unfiltered, recoverable, μg/L (01077)	Zinc, water, unfiltered, recoverable, μg/L (01092)	Arsenic, water, unfiltered, μg/L (01002)	Selenium, water, unfiltered, μg/L (01147)	1,2,3-Trichloropropane, water, unfiltered, recoverable, μg/L (77443)	1,2-Dibromo-3-chloropropane, water, unfiltered, recoverable, μg/L (82625)	1,2-Dibromoethane, water, unfiltered, recoverable, μg/L (77651)	1,2-Dichloroethane, water, unfiltered, recoverable, μg/L (32103)	1,2-Dichloropropane, water, unfiltered, recoverable, μg/L (34541)	1,3-Dichloropropane, water, unfiltered, recoverable, μg/L (77173)
07-22-2009	< 1.08	< 36.0	E 3.0	< 2.2	< .12	< 1.0	< .04	< .1	< .02	< .1

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	1,4-Dichlorobenzene, water, unfiltered, recoverable, μg/L (34571)	1-Naphthol, water, glass fiber filter), recoverable, μg/L (49295)	2,4,6-Trichlorophenol, water, unfiltered, recoverable, μg/L (34621)	2,4-Dichlorophenol, water, unfiltered, recoverable, μg/L (34601)	2,4-Dimethylphenol, water, unfiltered, recoverable, μg/L (34606)	2,6-Diethylaniline, water, glass fiber filter), recoverable, μg/L (82660)	2-Chloro-2',6'-diethylacetanilide, water, filtered, recoverable, μg/L (61618)	2-Chloro-4-isopropylamino-6-triazine, water, filtered, recoverable, μg/L (04040)	2-Ethyl-6-methylaniline, water, filtered, recoverable, μg/L (61620)	3,4-Dichloroaniline, water, filtered, recoverable, μg/L (61625)
07-22-2009	< .02	< .04	< 0.6	< 0.39	< .8	< .006	< .010	< .014	< .010	< .004

WATER-QUALITY DATA
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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	3-Chloropropene, water, unfiltered, recoverable, μg/L (78109)	4-Chloro-2-methylphenol, water, filtered, recoverable, μg/L (61633)	4-Chloro-3-methylphenol, water, filtered, recoverable, μg/L (34452)	4-Nitrophenol, water, unfiltered, recoverable, μg/L (34646)	Acetochlor, water, filtered, recoverable, μg/L (49260)	Acrylonitrile, water, unfiltered, recoverable, μg/L (34215)	Alachlor, water, filtered, recoverable, μg/L (46342)	Aldrin, water, unfiltered, recoverable, μg/L (39330)	alpha-Endosulfan, water, unfiltered, recoverable, μg/L (39388)	Atrazine, water, filtered, recoverable, μg/L (39632)
07-22-2009	< .08	< .005	< 0.55	< 0.51	< .010	< 0.4	< .008	< .01	< .01	< .007

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Azinphosmethyl, water, oxygen analog, water, filtered, recoverable, μg/L (61635)	Azinphosmethyl, water, glass fiber filter), recoverable, μg/L (82686)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82673)	Bromo-methane, water, unfiltered, recoverable, μg/L (34413)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82680)	Carbon disulfide, water, unfiltered, recoverable, μg/L (77041)	Chlordane (technical), water, unfiltered, recoverable, μg/L (39350)	Chlorpyrifos oxygen analog, water, filtered, recoverable, μg/L (61636)	Chlorpyrifos, water, filtered, recoverable, μg/L (38933)
07-22-2009	< .04	< .120	< .014	< .4	< .200	< .04	< .1	< .05	< .010

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WATER-QUALITY DATA
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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	cis-1,3-Dichloropropene, water, unfiltered, recoverable, μg/L (34704)	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)	Dichlorvos, water, filtered, recoverable, μg/L (38775)	Dicrotophos, water, filtered, recoverable, μg/L (38454)
07-22-2009	< .10	< .014	< .016	< .020	< .006	< .029	< .012	< .005	< .02	< .08

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Dieldrin, water, filtered, recoverable, μg/L (39381)	Dieldrin, water, unfiltered, recoverable, μg/L (39380)	Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82662)	Endrin, water, unfiltered, recoverable, μg/L (39390)	Ethion monoxon, water, filtered, recoverable, μg/L (61644)	Ethion, water, filtered, recoverable, μg/L (82346)	Fenami-phos sulfone, water, filtered, recoverable, μg/L (61645)	Fenami-phos sulfoxide, water, filtered, recoverable, μg/L (61646)	Fenami-phos, water, filtered, recoverable, μg/L (61591)	Fipronil sulfide, water, filtered, recoverable, μg/L (62167)
07-22-2009	< .009	< .008	< .006	< .01	< .02	< .012	< .053	< .08	< .03	< .013

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Fipronil, water, filtered, recoverable, μg/L (62166)	Fonofos, water, filtered, recoverable, μg/L (04095)	Heptachlor epoxide, water, unfiltered, recoverable, μg/L (39420)	Heptachlor, water, unfiltered, recoverable, μg/L (39410)	Hexachloro-benzene, water, unfiltered, recoverable, μg/L (39700)	Hexa-zinone, water, filtered, recoverable, μg/L (04025)	Iodo-methane, water, unfiltered, recoverable, μg/L (77424)	Iprodione, water, filtered, recoverable, μg/L (61593)	Isofenphos, water, filtered, recoverable, μg/L (61594)	Lindane, water, unfiltered, recoverable, μg/L (39340)
07-22-2009	< .040	< .010	< .009	< .01	< 0.30	< .008	< .80	< .014	< .006	< .014

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Malaoxon, water, filtered, recover- able, μg/L (61652)	Malathion, water, filtered, recover- able, μg/L (39532)	Metalaxyl, water, filtered, recover- able, μg/L (61596)	Methida- thion, water, filtered, recover- able, μg/L (61598)	Methyl paraoxon, water, filtered, recover- able, μg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82667)	Metola- chlor, water, filtered, recover- able, μg/L (39415)	Metribuzin, water, filtered, recover- able, μg/L (82630)	Mirex, water, unfiltered, recover- able, μg/L (39755)	Myclo- butanil, water, filtered, recover- able, μg/L (61599)
07-22-2009	< .080	< .020	< .007	< .006	< .01	< .008	< .014	< .016	< .006	< .010

WATER-QUALITY DATA
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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	p,p'-DDD, water, unfiltered, recover- able, μg/L (39360)	p,p'-DDE, water, unfiltered, recover- able, μg/L (39365)	p,p'-DDT, water, unfiltered, recover- able, μg/L (39370)	p,p'- Methoxy- chlor, water, unfiltered, recover- able, μg/L (39480)	Pendi- methalin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82683)	Penta- chloro- phenol, water, unfiltered, recover- able, μg/L (39032)	Phorate oxygen analog, water, filtered, recover- able, μg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82664)	Phosmet oxygen analog, water, filtered, recover- able, μg/L (61668)	Phosmet, water, filtered, recover- able, μg/L (61601)
07-22-2009	< .016	< .014	< .010	< .002	< .012	< 1	< .03	< .020	< .05	< .200

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WATER-QUALITY DATA
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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Prometon, water, filtered, recover- able, μg/L (04037)	Prometryn, water, filtered, recover- able, μg/L (04036)	Propyz- amide, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82676)	Simazine, water, filtered, recover- able, μg/L (04035)	Tebu- thiuron, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82670)	Terbufos oxygen sulfone, water, filtered, recover- able, μg/L (61674)	Terbuthyl- azine, water, filtered, recover- able, μg/L (04022)	Toxaphene, water, unfiltered, recover- able, μg/L (39400)	trans-1,3- Dichloro- propene, water, unfiltered, recover- able, μg/L (34699)	Tribuphos, water, filtered, recover- able, μg/L (61610)
07-22-2009	< .01	< .006	< .004	.222	< .02	< .04	< .01	< 1	< .10	< .035

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Trifluralin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82661)	PCBs, water, unfiltered, recover- able, μg/L (39516)	1,1,1,2- Tetra- chloro- ethane, water, unfiltered, recover- able, μg/L (77562)	1,1,1-Tri- chloro- ethane, water, unfiltered, recover- able, μg/L (34506)	1,1,2,2- Tetra- chloro- ethane, water, unfiltered, recover- able, μg/L (34516)	1,1,2-Tri- chloro- 1,2,2- trifluoro- ethane, water, unfiltered, recover- able, μg/L (77652)	1,1,2-Tri- chloro- ethane, water, unfiltered, recover- able, μg/L (34511)	1,1-Di- chloro- ethane, water, unfiltered, recover- able, μg/L (34496)	1,1-Di- chloro- ethene, water, unfiltered, recover- able, μg/L (34501)	1,1-Di- chloro- propene, water, unfiltered, recover- able, μg/L (77168)
07-22-2009	< .012	< .1	< .04	E .02	< .10	< .04	< .06	E .09	< .02	< .04

WATER-QUALITY DATA
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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	1,2,3,4- Tetra- methyl- benzene, water, unfiltered, recover- able, μg/L (49999)	1,2,3,5- Tetra- methyl- benzene, water, unfiltered, recover- able, μg/L (50000)	1,2,3-Tri- chloro- benzene, water, unfiltered, recover- able, μg/L (77613)	1,2,3-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77221)	1,2,4-Tri- chloro- benzene, water, unfiltered, recover- able, μg/L (34551)	1,2,4-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77222)	1,2- Dichloro- benzene, water, unfiltered, recover- able, μg/L (34536)	1,2- Diphenyl- hydrazine, water, unfiltered, recover- able, μg/L (82626)	1,3,5-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77226)	1,3- Dichloro- benzene, water, unfiltered, recover- able, μg/L (34566)
07-22-2009	< .1	< .1	< .1	< .1	< 0.04	< .04	< .02	< 0.30	< .04	< .02

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	2,2-Di-chloro-propane, water, unfiltered, recoverable, μg/L (77170)	2,4-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34611)	2,6-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34626)	2-Chloro-naphthalene, water, unfiltered, recoverable, μg/L (34581)	2-Chloro-phenol, water, unfiltered, recoverable, μg/L (34586)	2-Chloro-toluene, water, unfiltered, recoverable, μg/L (77275)	2-Ethyl-toluene, water, unfiltered, recoverable, μg/L (77220)	2-Nitro-phenol, water, unfiltered, recoverable, μg/L (34591)	3,3'-Dichloro-benzidine, water, unfiltered, recoverable, μg/L (34631)	4-Bromo-phenyl ether, water, unfiltered, recoverable, μg/L (34636)
07-22-2009	< .06	< 0.6	< 0.43	< 0.2	< 0.42	< .02	< .02	< 0.4	< 0.4	< 0.36

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	4-Chloro-phenyl ether, water, unfiltered, recoverable, μg/L (34641)	4-Chloro-toluene, water, unfiltered, recoverable, μg/L (77277)	4-Iso-propyl-toluene, water, unfiltered, recoverable, μg/L (77356)	9H-Fluorene, water, unfiltered, recoverable, μg/L (34381)	Acenaph-thene, water, unfiltered, recoverable, μg/L (34205)	Acenaph-thylene, water, unfiltered, recoverable, μg/L (34200)	Acetone, water, unfiltered, recoverable, μg/L (81552)	Anthra-cene, water, unfiltered, recoverable, μg/L (34220)	Benzene, water, unfiltered, recoverable, μg/L (34030)	Benzo[a]-anthra-cene, water, unfiltered, recoverable, μg/L (34526)
07-22-2009	< 0.34	< .02	< .06	< 0.33	< 0.28	< 0.30	< 4	< 0.39	< .02	< 0.26

WATER-QUALITY DATA
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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Benzo[a]-pyrene, water, unfiltered, recoverable, μg/L (34247)	Benzo[a]-fluor-anthene, water, unfiltered, recoverable, μg/L (34230)	Benzo[ghi]-perylene, water, unfiltered, recoverable, μg/L (34521)	Benzo[k]-fluoran-thene, water, unfiltered, recoverable, μg/L (34242)	Benzyl n-butyl phthalate, water, unfiltered, recoverable, μg/L (34292)	Bis(2-chloro-ethoxy)-methane, water, unfiltered, recoverable, μg/L (34278)	Bis(2-chloroethyl) ether, water, unfiltered, recoverable, μg/L (34273)	Bis(2-chloro-isopropyl) ether, water, unfiltered, recoverable, μg/L (34283)	Bis(2-ethyl-hexyl) phthalate, water, unfiltered, recoverable, μg/L (39100)	Bromo-benzene, water, unfiltered, recoverable, μg/L (81555)
07-22-2009	< 0.33	< 0.40	< 0.4	< 0.4	< 2	< 0.2	< 0.30	< 0.38	< 2	< .02

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Bromo-chloro-methane, water, unfiltered, recoverable, μg/L (77297)	Bromo-dichloro-methane, water, unfiltered, recoverable, μg/L (32101)	Bromo-ethene, water, unfiltered, recoverable, μg/L (50002)	Chloro-benzene, water, unfiltered, recoverable, μg/L (34301)	Chloro-ethane, water, unfiltered, recoverable, μg/L (34311)	Chloro-methane, water, unfiltered, recoverable, μg/L (34418)	Chrysene, water, unfiltered, recoverable, μg/L (34320)	cis-1,2-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (77093)	Dibenzo-[a,h]anthracene, water, unfiltered, recoverable, μg/L (34556)	Dibromo-chloro-methane, water, unfiltered, recoverable, μg/L (32105)
07-22-2009	< .06	< .04	< .1	< .02	< .1	< .1	< 0.33	< .02	< 0.4	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 20 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Dibromo-methane, water, unfiltered, recoverable, μg/L (30217)	Dichloro-difluoro-methane, water, unfiltered, recoverable, μg/L (34668)	Dichloro-methane, water, unfiltered, recoverable, μg/L (34423)	Diethyl ether, water, unfiltered, recoverable, μg/L (81576)	Diethyl phthalate, water, unfiltered, recoverable, μg/L (34336)	Diisopropyl ether, water, unfiltered, recoverable, μg/L (81577)	Dimethyl phthalate, water, unfiltered, recoverable, μg/L (34341)	Di-n-butyl phthalate, water, unfiltered, recoverable, μg/L (39110)	Di-n-octyl phthalate, water, unfiltered, recoverable, μg/L (34596)	Ethyl methacrylate, water, unfiltered, recoverable, μg/L (73570)
07-22-2009	< .04	< .10	< 0.04	< .1	< 0.61	< .06	< 0.4	< 1	< 0.6	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 21 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Ethyl methyl ketone, water, unfiltered, recoverable, μg/L (81595)	Ethyl-benzene, water, unfiltered, recoverable, μg/L (34371)	Fluoranthene, water, unfiltered, recoverable, μg/L (34376)	Hexa-chloro-butadiene, water, unfiltered, recoverable, μg/L (39702)	Hexa-chloro-cyclopentadiene, water, unfiltered, recoverable, μg/L (34386)	Hexa-chloro-ethane, water, unfiltered, recoverable, μg/L (34396)	Indeno-[1,2,3-cd]-pyrene, water, unfiltered, recoverable, μg/L (34403)	Isobutyl methyl ketone, water, unfiltered, recoverable, μg/L (78133)	Isophorone, water, unfiltered, recoverable, μg/L (34408)	Isopropyl-benzene, water, unfiltered, recoverable, μg/L (77223)
07-22-2009	< 1.6	< .04	< 0.30	< .1	< 0.4	< .1	< 0.4	< .4	< 0.4	< .04

403426073583201 Local number K 2510. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 22 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Methyl acetate, water, unfiltered, recoverable, μg/L (77032)	Methyl acrylate, water, unfiltered, recoverable, μg/L (49991)	Methyl acrylonitrile, water, unfiltered, recoverable, μg/L (81593)	Methyl methacrylate, water, unfiltered, recoverable, μg/L (81597)	Methyl tert-butyl ether, water, unfiltered, recoverable, μg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recoverable, μg/L (50005)	Methylene blue active substances, water, unfiltered, recoverable, mg/L (38260)	m-Xylene plus p-xylene, water, unfiltered, recoverable, μg/L (85795)	Naphthalene, water, unfiltered, recoverable, μg/L (34696)	n-Butyl methyl ketone, water, unfiltered, recoverable, μg/L (77103)
07-22-2009	< .4	< .6	< .2	< .2	.16	< .06	< .10	< .08	< .2	< .6

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 23 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	n-Butylbenzene, water, unfiltered, recoverable, μg/L (77342)	Nitrobenzene, water, unfiltered, recoverable, μg/L (34447)	N-Nitrosodimethylamine, water, unfiltered, recoverable, μg/L (34438)	N-Nitrosodipropylamine, water, unfiltered, recoverable, μg/L (34428)	N-Nitrosodiphenylamine, water, unfiltered, recoverable, μg/L (34433)	n-Propylbenzene, water, unfiltered, recoverable, μg/L (77224)	o-Xylene, water, unfiltered, recoverable, μg/L (77135)	Phenanthrene, water, unfiltered, recoverable, μg/L (34461)	Phenol, water, unfiltered, recoverable, μg/L (34694)	Pyrene, water, unfiltered, recoverable, μg/L (34469)
07-22-2009	< .1	< 0.2	< 0.2	< 0.4	< 0.4	< .04	< .04	< 0.32	< .4	< 0.35

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 24 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	sec-Butylbenzene, water, unfiltered, recoverable, μg/L (77350)	Styrene, water, unfiltered, recoverable, μg/L (77128)	tert-Amyl alcohol, water, unfiltered, recoverable, μg/L (77073)	tert-Butyl alcohol, water, unfiltered, recoverable, μg/L (77035)	tert-Butyl ethyl ether, water, unfiltered, recoverable, μg/L (50004)	tert-Butylbenzene, water, unfiltered, recoverable, μg/L (77353)	Tetrachloroethene, water, unfiltered, recoverable, μg/L (34475)	Tetrachloromethane, water, unfiltered, recoverable, μg/L (32102)	Tetrahydrofuran, water, unfiltered, recoverable, μg/L (81607)	Toluene, water, unfiltered, recoverable, μg/L (34010)
07-22-2009	< .02	< .04	< .6	< 1.00	< .04	< .06	< .04	< .06	< 1	< .02

403426073583201 Local number K 2510. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 25 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	trans-1,2-Dichloro-ethene, water, unfiltered, recoverable, μg/L (34546)	trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, μg/L (73547)	Tribromo-methane, water, unfiltered, recoverable, μg/L (32104)	Trichloro-ethene, water, unfiltered, recoverable, μg/L (39180)	Trichloro-fluoro-methane, water, unfiltered, recoverable, μg/L (34488)	Trichloro-methane, water, unfiltered, recoverable, μg/L (32106)	Vinyl chloride, water, unfiltered, recoverable, μg/L (39175)
07-22-2009	< .02	< .4	< .10	< .02	< .08	< .04	< .1



Water-Data Report 2009

403427073583301 Local number K 2511. 1

Northern Atlantic Coastal Plain aquifer system
 Jameco Aquifer
 Kings County, NY

LOCATION.--Lat 40°34'27", long 73°58'33" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 192.5 ft. Upper casing diameter 12 in; top of first opening 166 ft, bottom of last opening 192 ft.

DATUM.--Land-surface datum is 59 ft above National Geodetic Vertical Datum of 1929.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Dissolved solids dried at 180 °C, water, filtered, mg/L (70300)	Calcium, water, unfiltered, recoverable, mg/L (00916)	Magnesium, water, unfiltered, recoverable, mg/L (00927)	Potassium, water, unfiltered, recoverable, mg/L (00937)
07-22-2009	1115	12.5	7.3	45,100	13.5	.2	31,300	346	1,070	325

403427073583301 Local number K 2511. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sodium, water, unfiltered, recoverable, mg/L (00929)	ANC, water, unfiltered, fixed endpoint titration, laboratory, mg/L as CaCO ₃ (90410)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Orthophosphate, water, filtered, mg/L as P (00671)
07-22-2009	8,690	125	17,700	.82	9.59	2,430	1.15	< .04	E .001	.021

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Barium, water, unfiltered, recoverable, μg/L (01007)	Cadmium, water, unfiltered, recoverable, μg/L (01027)	Chromium, water, unfiltered, recoverable, μg/L (01034)	Copper, water, unfiltered, recoverable, μg/L (01042)	Iron, water, filtered, μg/L (01046)	Iron, water, unfiltered, recoverable, μg/L (01045)	Lead, water, unfiltered, recoverable, μg/L (01051)	Manganese, water, filtered, μg/L (01056)	Manganese, water, unfiltered, recoverable, μg/L (01055)	Mercury, water, unfiltered, recoverable, μg/L (71900)
07-22-2009	41.8	< 1.14	< 7.6	< 76.0	61	112	E 1.67	3,320	3,450	< .010

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 4 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Silver, water, unfiltered, recoverable, μg/L (01077)	Zinc, water, unfiltered, recoverable, μg/L (01092)	Arsenic, water, unfiltered, μg/L (01002)	Selenium, water, unfiltered, μg/L (01147)	1,2,3-Trichloropropane, water, unfiltered, recoverable, μg/L (77443)	1,2-Dibromo-3-chloropropane, water, unfiltered, recoverable, μg/L (82625)	1,2-Dibromoethane, water, unfiltered, recoverable, μg/L (77651)	1,2-Dichloroethane, water, unfiltered, recoverable, μg/L (32103)	1,2-Dichloropropane, water, unfiltered, recoverable, μg/L (34541)	1,3-Dichloropropane, water, unfiltered, recoverable, μg/L (77173)
07-22-2009	< 1.14	< 38.0	E 2.1	< 2.3	< .12	< 1.0	< .04	< .1	< .02	< .1

403427073583301 Local number K 2511. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 5 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	1,4-Dichlorobenzene, water, unfiltered, recoverable, μg/L (34571)	1-Naphthol, water, glass fiber filter), recoverable, μg/L (49295)	2,4,6-Trichlorophenol, water, unfiltered, recoverable, μg/L (34621)	2,4-Dichlorophenol, water, unfiltered, recoverable, μg/L (34601)	2,4-Dimethylphenol, water, unfiltered, recoverable, μg/L (34606)	2,6-Diethylaniline, water, glass fiber filter), recoverable, μg/L (82660)	2-Chloro-2',6'-diethylacetanilide, water, filtered, recoverable, μg/L (61618)	2-Chloro-4-isopropylamino-6-triazine, water, filtered, recoverable, μg/L (04040)	2-Ethyl-6-methylaniline, water, filtered, recoverable, μg/L (61620)	3,4-Dichloroaniline, water, filtered, recoverable, μg/L (61625)
07-22-2009	< .02	< .04	< 0.6	< 0.39	< .8	< .006	< .010	< .014	< .010	< .004

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 6 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	3-Chloropropene, water, unfiltered, recoverable, μg/L (78109)	4-Chloro-2-methylphenol, water, filtered, recoverable, μg/L (61633)	4-Chloro-3-methylphenol, water, filtered, recoverable, μg/L (34452)	4-Nitrophenol, water, unfiltered, recoverable, μg/L (34646)	Acetochlor, water, filtered, recoverable, μg/L (49260)	Acrylonitrile, water, unfiltered, recoverable, μg/L (34215)	Alachlor, water, filtered, recoverable, μg/L (46342)	Aldrin, water, unfiltered, recoverable, μg/L (39330)	alpha-Endosulfan, water, unfiltered, recoverable, μg/L (39388)	Atrazine, water, filtered, recoverable, μg/L (39632)
07-22-2009	< .08	< .005	< 0.55	< 0.51	< .010	< 0.4	< .008	< .01	< .01	< .007

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 7 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Azinphosmethyl, water, oxygen analog, water, filtered, recoverable, μg/L (61635)	Azinphosmethyl, water, glass fiber filter), recoverable, μg/L (82686)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82673)	Bromo-methane, water, unfiltered, recoverable, μg/L (34413)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82680)	Carbon disulfide, water, unfiltered, recoverable, μg/L (77041)	Chlordane (technical), water, unfiltered, recoverable, μg/L (39350)	Chlorpyrifos oxygen analog, water, filtered, recoverable, μg/L (61636)	Chlorpyrifos, water, filtered, recoverable, μg/L (38933)
07-22-2009	< .04	< .120	< .014	< .4	< .200	< .04	< .1	< .05	< .010

403427073583301 Local number K 2511. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 8 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	cis-1,3-Dichloropropene, water, unfiltered, recoverable, μg/L (34704)	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)	Dichlorvos, water, filtered, recoverable, μg/L (38775)	Dicrotophos, water, filtered, recoverable, μg/L (38454)
07-22-2009	< .10	< .014	< .016	< .020	< .006	< .029	< .012	< .005	< .02	< .08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 9 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Dieldrin, water, filtered, recoverable, μg/L (39381)	Dieldrin, water, unfiltered, recoverable, μg/L (39380)	Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82662)	Endrin, water, unfiltered, recoverable, μg/L (39390)	Ethion monoxon, water, filtered, recoverable, μg/L (61644)	Ethion, water, filtered, recoverable, μg/L (82346)	Fenami-phos sulfone, water, filtered, recoverable, μg/L (61645)	Fenami-phos sulfoxide, water, filtered, recoverable, μg/L (61646)	Fenami-phos, water, filtered, recoverable, μg/L (61591)	Fipronil sulfide, water, filtered, recoverable, μg/L (62167)
07-22-2009	< .009	< .008	< .006	< .01	< .02	< .012	< .053	< .08	< .03	< .013

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 10 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Fipronil, water, filtered, recoverable, μg/L (62166)	Fonofos, water, filtered, recoverable, μg/L (04095)	Heptachlor epoxide, water, unfiltered, recoverable, μg/L (39420)	Heptachlor, water, unfiltered, recoverable, μg/L (39410)	Hexachloro-benzene, water, unfiltered, recoverable, μg/L (39700)	Hexa-zinone, water, filtered, recoverable, μg/L (04025)	Iodo-methane, water, unfiltered, recoverable, μg/L (77424)	Iprodione, water, filtered, recoverable, μg/L (61593)	Isofenphos, water, filtered, recoverable, μg/L (61594)	Lindane, water, unfiltered, recoverable, μg/L (39340)
07-22-2009	< .040	< .010	< .009	< .01	< 0.30	< .008	< .80	< .014	< .006	< .014

403427073583301 Local number K 2511. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 11 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Malaoxon, water, filtered, recover- able, μg/L (61652)	Malathion, water, filtered, recover- able, μg/L (39532)	Metalaxyl, water, filtered, recover- able, μg/L (61596)	Methida- thion, water, filtered, recover- able, μg/L (61598)	Methyl paraoxon, water, filtered, recover- able, μg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82667)	Metola- chlor, water, filtered, recover- able, μg/L (39415)	Metribuzin, water, filtered, recover- able, μg/L (82630)	Mirex, water, unfiltered, recover- able, μg/L (39755)	Myclo- butanil, water, filtered, recover- able, μg/L (61599)
07-22-2009	< .080	< .020	< .007	< .006	< .01	< .008	< .014	< .016	< .006	< .010

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 12 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	p,p'-DDD, water, unfiltered, recover- able, μg/L (39360)	p,p'-DDE, water, unfiltered, recover- able, μg/L (39365)	p,p'-DDT, water, unfiltered, recover- able, μg/L (39370)	p,p'- Methoxy- chlor, water, unfiltered, recover- able, μg/L (39480)	Pendi- methalin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82683)	Penta- chloro- phenol, water, unfiltered, recover- able, μg/L (39032)	Phorate oxygen analog, water, filtered, recover- able, μg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82664)	Phosmet oxygen analog, water, filtered, recover- able, μg/L (61668)	Phosmet, water, filtered, recover- able, μg/L (61601)
07-22-2009	< .016	< .014	< .010	< .002	< .012	< 1	< .03	< .020	< .05	< .200

403427073583301 Local number K 2511. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 13 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	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)	Terbuthyl-azine, water, filtered, recoverable, μg/L (04022)	Toxaphene, water, unfiltered, recoverable, μg/L (39400)	trans-1,3-Dichloro-propene, water, unfiltered, recoverable, μg/L (34699)	Tribuphos, water, filtered, recoverable, μg/L (61610)
07-22-2009	< .01	< .006	< .004	.041	< .02	< .04	< .01	< 1	< .10	< .035

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 14 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Trifluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82661)	PCBs, water, unfiltered, recoverable, μg/L (39516)	1,1,1,2-Tetra-chloro-ethane, water, unfiltered, recoverable, μg/L (77562)	1,1,1-Tri-chloro-ethane, water, unfiltered, recoverable, μg/L (34506)	1,1,2,2-Tetra-chloro-ethane, water, unfiltered, recoverable, μg/L (34516)	1,1,2-Tri-chloro-1,2,2-trifluoro-ethane, water, unfiltered, recoverable, μg/L (77652)	1,1,2-Tri-chloro-ethane, water, unfiltered, recoverable, μg/L (34511)	1,1-Di-chloro-ethane, water, unfiltered, recoverable, μg/L (34496)	1,1-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (34501)	1,1-Di-chloro-propene, water, unfiltered, recoverable, μg/L (77168)
07-22-2009	< .012	< .1	< .04	< .02	< .10	< .04	< .06	E .06	< .02	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 15 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	1,2,3,4-Tetra-methyl-benzene, water, unfiltered, recoverable, μg/L (49999)	1,2,3,5-Tetra-methyl-benzene, water, unfiltered, recoverable, μg/L (50000)	1,2,3-Tri-chloro-benzene, water, unfiltered, recoverable, μg/L (77613)	1,2,3-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77221)	1,2,4-Tri-chloro-benzene, water, unfiltered, recoverable, μg/L (34551)	1,2,4-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77222)	1,2-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34536)	1,2-Diphenyl-hydrazine, water, unfiltered, recoverable, μg/L (82626)	1,3,5-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77226)	1,3-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34566)
07-22-2009	< .1	< .1	< .1	< .1	< 0.04	< .04	< .02	< 0.30	< .04	< .02

403427073583301 Local number K 2511. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 16 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	2,2-Di-chloro-propane, water, unfiltered, recoverable, μg/L (77170)	2,4-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34611)	2,6-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34626)	2-Chloro-naphthalene, water, unfiltered, recoverable, μg/L (34581)	2-Chloro-phenol, water, unfiltered, recoverable, μg/L (34586)	2-Chloro-toluene, water, unfiltered, recoverable, μg/L (77275)	2-Ethyl-toluene, water, unfiltered, recoverable, μg/L (77220)	2-Nitro-phenol, water, unfiltered, recoverable, μg/L (34591)	3,3'-Dichloro-benzidine, water, unfiltered, recoverable, μg/L (34631)	4-Bromo-phenyl ether, water, unfiltered, recoverable, μg/L (34636)
07-22-2009	< .06	< 0.6	< 0.43	< 0.2	< 0.42	< .02	< .02	< 0.4	< 0.4	< 0.36

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 17 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	4-Chloro-phenyl ether, water, unfiltered, recoverable, μg/L (34641)	4-Chloro-toluene, water, unfiltered, recoverable, μg/L (77277)	4-Iso-propyl-toluene, water, unfiltered, recoverable, μg/L (77356)	9H-Fluorene, water, unfiltered, recoverable, μg/L (34381)	Acenaph-thene, water, unfiltered, recoverable, μg/L (34205)	Acenaph-thylene, water, unfiltered, recoverable, μg/L (34200)	Acetone, water, unfiltered, recoverable, μg/L (81552)	Anthra-cene, water, unfiltered, recoverable, μg/L (34220)	Benzene, water, unfiltered, recoverable, μg/L (34030)	Benzo[a]-anthra-cene, water, unfiltered, recoverable, μg/L (34526)
07-22-2009	< 0.34	< .02	< .06	< 0.33	< 0.28	< 0.30	< 4	< 0.39	< .02	< 0.26

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 18 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Benzo[a]-pyrene, water, unfiltered, recoverable, μg/L (34247)	Benzo[a]-fluor-anthene, water, unfiltered, recoverable, μg/L (34230)	Benzo[ghi]-perylene, water, unfiltered, recoverable, μg/L (34521)	Benzo[k]-fluoran-thene, water, unfiltered, recoverable, μg/L (34242)	Benzyl n-butyl phthalate, water, unfiltered, recoverable, μg/L (34292)	Bis(2-chloro-ethoxy)-methane, water, unfiltered, recoverable, μg/L (34278)	Bis(2-chloroethyl) ether, water, unfiltered, recoverable, μg/L (34273)	Bis(2-chloro-isopropyl) ether, water, unfiltered, recoverable, μg/L (34283)	Bis(2-ethyl-hexyl) phthalate, water, unfiltered, recoverable, μg/L (39100)	Bromo-benzene, water, unfiltered, recoverable, μg/L (81555)
07-22-2009	< 0.33	< 0.40	< 0.4	< 0.4	< 2	< 0.2	< 0.30	< 0.38	< 2	< .02

403427073583301 Local number K 2511. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 19 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Bromo-chloro-methane, water, unfiltered, recoverable, μg/L (77297)	Bromo-dichloro-methane, water, unfiltered, recoverable, μg/L (32101)	Bromo-ethene, water, unfiltered, recoverable, μg/L (50002)	Chloro-benzene, water, unfiltered, recoverable, μg/L (34301)	Chloro-ethane, water, unfiltered, recoverable, μg/L (34311)	Chloro-methane, water, unfiltered, recoverable, μg/L (34418)	Chrysene, water, unfiltered, recoverable, μg/L (34320)	cis-1,2-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (77093)	Dibenzo-[a,h]anthra-cene, water, unfiltered, recoverable, μg/L (34556)	Dibromo-chloro-methane, water, unfiltered, recoverable, μg/L (32105)
07-22-2009	< .06	< .04	< .1	< .02	< .1	< .1	< 0.33	< .02	< 0.4	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 20 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Dibromo-methane, water, unfiltered, recoverable, μg/L (30217)	Dichloro-difluoro-methane, water, unfiltered, recoverable, μg/L (34668)	Dichloro-methane, water, unfiltered, recoverable, μg/L (34423)	Diethyl ether, water, unfiltered, recoverable, μg/L (81576)	Diethyl phthalate, water, unfiltered, recoverable, μg/L (34336)	Diisopropyl ether, water, unfiltered, recoverable, μg/L (81577)	Dimethyl phthalate, water, unfiltered, recoverable, μg/L (34341)	Di-n-butyl phthalate, water, unfiltered, recoverable, μg/L (39110)	Di-n-octyl phthalate, water, unfiltered, recoverable, μg/L (34596)	Ethyl methacrylate, water, unfiltered, recoverable, μg/L (73570)
07-22-2009	< .04	< .10	< 0.04	< .1	< 0.61	< .06	< 0.4	< 1	< 0.6	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 21 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Ethyl methyl ketone, water, unfiltered, recoverable, μg/L (81595)	Ethyl-benzene, water, unfiltered, recoverable, μg/L (34371)	Fluoranthene, water, unfiltered, recoverable, μg/L (34376)	Hexa-chloro-butadiene, water, unfiltered, recoverable, μg/L (39702)	Hexa-chloro-cyclopentadiene, water, unfiltered, recoverable, μg/L (34386)	Hexa-chloro-ethane, water, unfiltered, recoverable, μg/L (34396)	Indeno-[1,2,3-cd]-pyrene, water, unfiltered, recoverable, μg/L (34403)	Isobutyl methyl ketone, water, unfiltered, recoverable, μg/L (78133)	Isophorone, water, unfiltered, recoverable, μg/L (34408)	Isopropyl-benzene, water, unfiltered, recoverable, μg/L (77223)
07-22-2009	< 1.6	< .04	< 0.30	< .1	< 0.4	< .1	< 0.4	< .4	< 0.4	< .04

403427073583301 Local number K 2511. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 22 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Methyl acetate, water, unfiltered, recoverable, μg/L (77032)	Methyl acrylate, water, unfiltered, recoverable, μg/L (49991)	Methyl acrylonitrile, water, unfiltered, recoverable, μg/L (81593)	Methyl methacrylate, water, unfiltered, recoverable, μg/L (81597)	Methyl tert-butyl ether, water, unfiltered, recoverable, μg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recoverable, μg/L (50005)	Methylene blue active substances, water, unfiltered, recoverable, mg/L (38260)	m-Xylene plus p-xylene, water, unfiltered, recoverable, μg/L (85795)	Naphthalene, water, unfiltered, recoverable, μg/L (34696)	n-Butyl methyl ketone, water, unfiltered, recoverable, μg/L (77103)
07-22-2009	< .4	< .6	< .2	< .2	.13	< .06	< .10	< .08	< .2	< .6

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 23 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	n-Butylbenzene, water, unfiltered, recoverable, μg/L (77342)	Nitrobenzene, water, unfiltered, recoverable, μg/L (34447)	N-Nitrosodimethylamine, water, unfiltered, recoverable, μg/L (34438)	N-Nitrosodipropylamine, water, unfiltered, recoverable, μg/L (34428)	N-Nitrosodiphenylamine, water, unfiltered, recoverable, μg/L (34433)	n-Propylbenzene, water, unfiltered, recoverable, μg/L (77224)	o-Xylene, water, unfiltered, recoverable, μg/L (77135)	Phenanthrene, water, unfiltered, recoverable, μg/L (34461)	Phenol, water, unfiltered, recoverable, μg/L (34694)	Pyrene, water, unfiltered, recoverable, μg/L (34469)
07-22-2009	< .1	< 0.2	< 0.2	< 0.4	< 0.4	< .04	< .04	< 0.32	< .4	< 0.35

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 24 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	sec-Butylbenzene, water, unfiltered, recoverable, μg/L (77350)	Styrene, water, unfiltered, recoverable, μg/L (77128)	tert-Amyl alcohol, water, unfiltered, recoverable, μg/L (77073)	tert-Butyl alcohol, water, unfiltered, recoverable, μg/L (77035)	tert-Butyl ethyl ether, water, unfiltered, recoverable, μg/L (50004)	tert-Butylbenzene, water, unfiltered, recoverable, μg/L (77353)	Tetrachloroethene, water, unfiltered, recoverable, μg/L (34475)	Tetrachloromethane, water, unfiltered, recoverable, μg/L (32102)	Tetrahydrofuran, water, unfiltered, recoverable, μg/L (81607)	Toluene, water, unfiltered, recoverable, μg/L (34010)
07-22-2009	< .02	< .04	< .6	< 1.00	< .04	< .06	< .04	< .06	< 1	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 25 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	trans-1,2-Dichloro-ethene, water, unfiltered, recoverable, μg/L (34546)	trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, μg/L (73547)	Tribromo-methane, water, unfiltered, recoverable, μg/L (32104)	Trichloro-ethene, water, unfiltered, recoverable, μg/L (39180)	Trichloro-fluoro-methane, water, unfiltered, recoverable, μg/L (34488)	Trichloro-methane, water, unfiltered, recoverable, μg/L (32106)	Vinyl chloride, water, unfiltered, recoverable, μg/L (39175)
07-22-2009	< .02	< .4	< .10	< .02	< .08	< .04	< .1



Water-Data Report 2009

403431073581101 Local number K 3414. 1

Northern Atlantic Coastal Plain aquifer system
 Magothy Aquifer
 Kings County, NY

LOCATION.--Lat 40°34'31", long 73°58'11" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202, at south side of Sea Breeze Avenue, 200 ft west of Ocean Parkway, Coney Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 410 ft. Upper casing diameter 4 in; top of first opening 390 ft, bottom of last opening 410 ft.

DATUM.--Land-surface datum is 7.10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.09 ft below land-surface datum.

PERIOD OF RECORD.--March 1995 to May 2006 and August 2007 to current year.

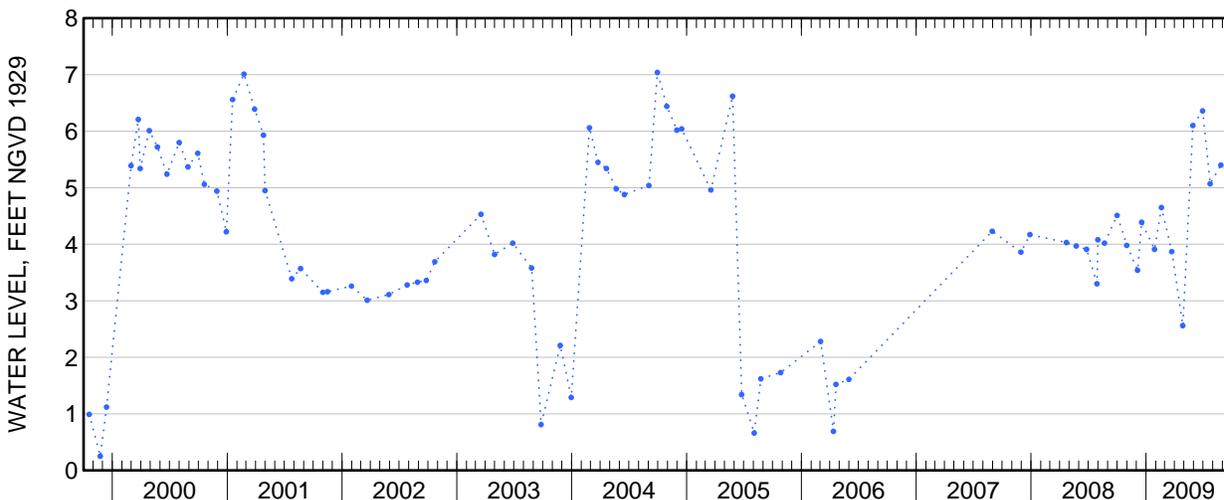
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.04 ft above sea level, September 29, 2004; lowest measured, 1.26 ft below sea level, July 12, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 31	3.98	Apr 27	2.56
Dec 4	3.54	May 29	6.10
17	4.39	Jun 29	6.36
Jan 27	3.91	Jul 23	5.07
Feb 18	4.65	Aug 26	5.40
Mar 23	3.87	Sep 25	5.26





Water-Data Report 2009

403451073585601 Local number K 2859. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer
Kings County, NY

LOCATION.--Lat 40°34'51", long 73°58'56" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202, at east side of Stillwell Avenue, 689 ft north of Neptune Avenue, Coney Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 500 ft. Upper casing diameter 4 in; top of first opening 474 ft, bottom of last opening 500 ft.

DATUM.--Land-surface datum is 8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of hole in 2-in steel reducer, 0.79 ft below land-surface datum.

PERIOD OF RECORD.--March 1981 to December 1988, April 1990, March 1993 to August 2006, and August 2007 to current year.

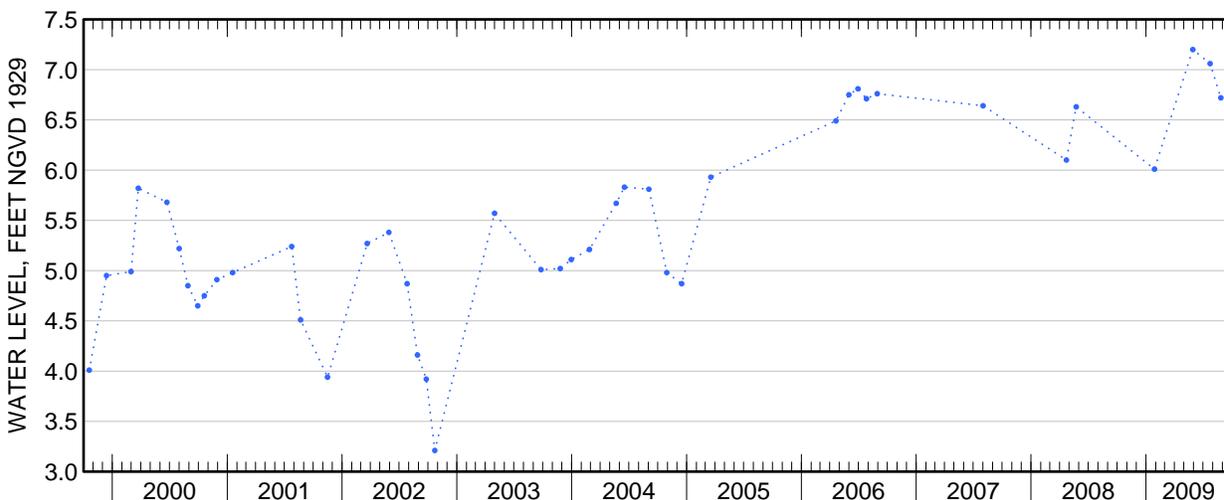
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.20 ft above sea level, May 29, 2009; lowest measured, 0.20 ft above sea level, January 8, 1987.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Jan 27	6.01	Jul 23	7.06
May 29	7.20	Aug 26	6.72



Water-Data Report 2009

403520073575701 Local number K 3407. 1

Northern Atlantic Coastal Plain aquifer system
 Jameco Aquifer
 Kings County, NY

LOCATION.--Lat 40°35'20", long 73°57'57" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202, at west side of northbound Ocean Parkway service road, 54 ft north of Avenue Y, Gravesend.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 405 ft. Upper casing diameter 4 in; top of first opening 385 ft, bottom of last opening 405 ft.

DATUM.--Land-surface datum is 8.50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.03 ft below land-surface datum.

PERIOD OF RECORD.--March 1995 to September 2006 and August 2007 to current year.

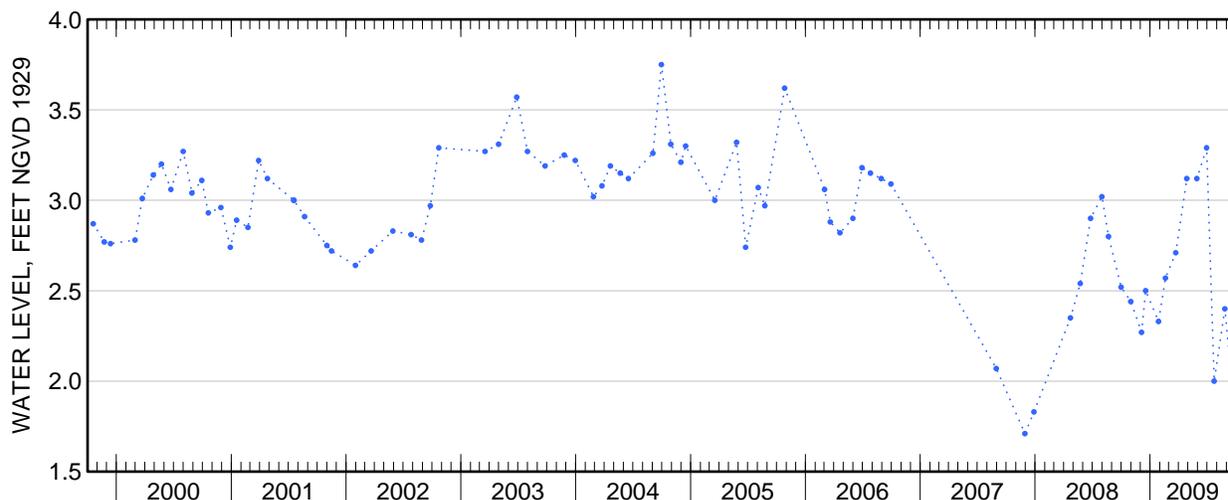
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation and local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.75 ft above sea level, September 29, 2004; lowest measured, 1.71 ft above sea level, November 29, 2007.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 31	2.44	Apr 27	3.12
Dec 4	2.27	May 29	3.12
17	2.50	Jun 29	3.29
Jan 27	2.33	Jul 23	2.00
Feb 18	2.57	Aug 26	2.40
Mar 23	2.71	Sep 25	1.84





Water-Data Report 2009

403623074002101 Local number K 3249. 1

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

LOCATION.--Lat 40°36'23", long 74°00'21" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202, at east side of Bay 16th Street, 42 ft north of Benson Avenue, Bath Beach.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 34 ft. Upper casing diameter 2 in; top of first opening 31 ft, bottom of last opening 34 ft.

DATUM.--Land-surface datum is 31 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.02 ft below land-surface datum.

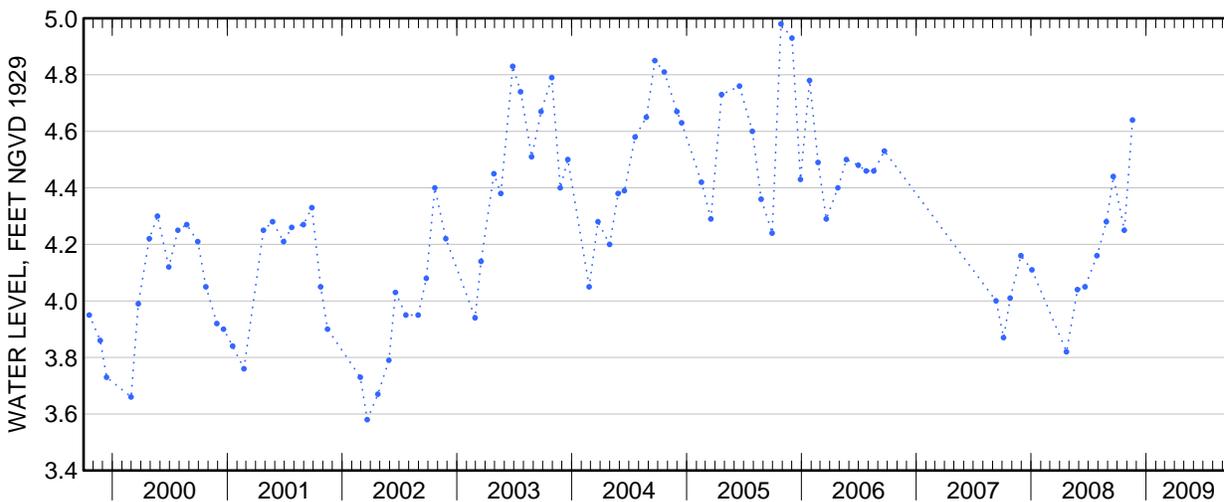
PERIOD OF RECORD.--April 1980 to September 2006 and September 2007 to current year.

GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.09 ft above sea level, January 24, 1991; lowest measured, 3.16 ft above sea level, May 21, 1985.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 23	4.25	Nov 18	4.64





Water-Data Report 2009

403635073580108 Local number K 3274. 1

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

LOCATION.--Lat 40°36'35", long 73°58'01" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202, at west side of East 7th Street, 49 ft north of Avenue P, Gravesend.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 34 ft. Upper casing diameter 2 in; top of first opening 31 ft, bottom of last opening 34 ft.

DATUM.--Land-surface datum is 27 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.28 ft above land-surface datum.

PERIOD OF RECORD.--June 1981 to October 1985, May 1988 to September 2006, and August 2007 to current year.

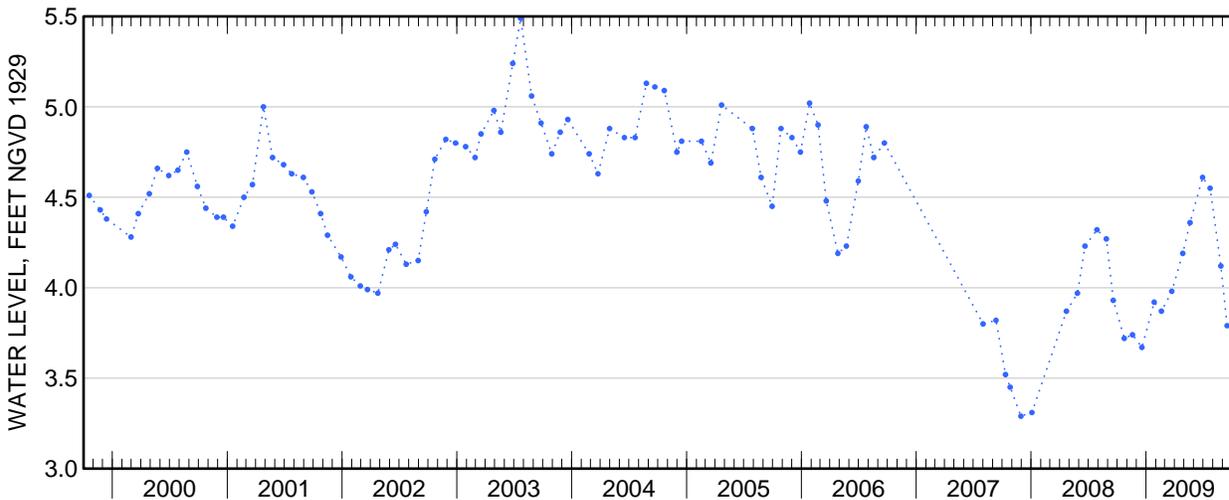
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.88 ft above sea level, October 3, 1984; lowest measured, 3.29 ft above sea level, November 29, 2007.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 23	3.72	Apr 27	4.19
Nov 18	3.74	May 20	4.36
Dec 18	3.67	Jun 29	4.61
Jan 26	3.92	Jul 23	4.55
Feb 18	3.87	Aug 26	4.12
Mar 23	3.98	Sep 15	3.79





Water-Data Report 2009

403643074013101 Local number K 2412. 1

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

LOCATION.--Lat 40°36'43", long 74°01'31" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 89 ft. Upper casing diameter 6 in; top of first opening 44 ft, bottom of last opening 55 ft.

DATUM.--Land-surface datum is 2 ft above National Geodetic Vertical Datum of 1929.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Dissolved solids dried at 180 °C, water, filtered, mg/L (70300)	Calcium, water, unfiltered, recoverable, mg/L (00916)	Magnesium, water, unfiltered, recoverable, mg/L (00927)	Potassium, water, unfiltered, recoverable, mg/L (00937)
06-09-2009	1000	1.8	7.3	825	15.5	.1	525	113	24.0	3.16
06-09-2009	1001	--	--	--	--	--	519	111	23.4	3.08

403643074013101 Local number K 2412. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sodium, water, unfiltered, recoverable, mg/L (00929)	ANC, water, unfiltered, fixed endpoint titration, laboratory, mg/L as CaCO ₃ (90410)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Orthophosphate, water, filtered, mg/L as P (00671)
06-09-2009	22.2	248	62.6	E .04	41.2	77.5	< .020	5.71	< .002	.025
06-09-2009	21.5	248	62.0	< .08	41.4	77.4	< .020	5.76	< .002	.025

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Barium, water, unfiltered, recoverable, μg/L (01007)	Cadmium, water, unfiltered, recoverable, μg/L (01027)	Chromium, water, unfiltered, recoverable, μg/L (01034)	Copper, water, unfiltered, recoverable, μg/L (01042)	Iron, water, filtered, μg/L (01046)	Iron, water, unfiltered, recoverable, μg/L (01045)	Lead, water, unfiltered, recoverable, μg/L (01051)	Manganese, water, filtered, μg/L (01056)	Manganese, water, unfiltered, recoverable, μg/L (01055)	Mercury, water, unfiltered, recoverable, μg/L (71900)
06-09-2009	121	< .06	.58	< 4.0	E 3	< 14	.92	.3	< .4	< .010
06-09-2009	120	< .06	.59	< 4.0	E 2	< 14	1.95	.3	.5	< .010

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 4 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Silver, water, unfiltered, recoverable, μg/L (01077)	Zinc, water, unfiltered, recoverable, μg/L (01092)	Arsenic, water, unfiltered, μg/L (01002)	Selenium, water, unfiltered, μg/L (01147)	1,2,3-Tri-chloro-propane, water, unfiltered, recoverable, μg/L (77443)	1,2-Dibromo-3-chloro-propane, water, unfiltered, recoverable, μg/L (82625)	1,2-Dibromo-ethane, water, unfiltered, recoverable, μg/L (77651)	1,2-Dichloro-ethane, water, unfiltered, recoverable, μg/L (32103)	1,2-Dichloro-propane, water, unfiltered, recoverable, μg/L (34541)	1,3-Di-chloro-propane, water, unfiltered, recoverable, μg/L (77173)
06-09-2009	< .06	2.7	.69	.63	< .12	< 1.0	< .04	< .1	< .02	< .1
06-09-2009	< .06	5.1	.72	.63	< .12	< 1.0	< .04	< .1	< .02	< .1

403643074013101 Local number K 2412. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 5 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	1,4-Dichlorobenzene, water, unfiltered, recoverable, μg/L (34571)	1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49295)	2,4,6-Trichlorophenol, water, unfiltered, recoverable, μg/L (34621)	2,4-Dichlorophenol, water, unfiltered, recoverable, μg/L (34601)	2,4-Dimethylphenol, water, unfiltered, recoverable, μg/L (34606)	2,6-Diethylaniline, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82660)	2-Chloro-2',6'-diethylacetanilide, water, filtered, recoverable, μg/L (61618)	2-Chloro-4-isopropylamino-6-triazine, water, filtered, recoverable, μg/L (04040)	2-Ethyl-6-methyl-aniline, water, filtered, recoverable, μg/L (61620)	2-Methyl-4,6-dinitrophenol, water, unfiltered, recoverable, μg/L (34657)
06-09-2009	< .02	< .04	< 0.6	< 0.39	< .8	< .006	< .010	< .014	< .010	< 0.77
06-09-2009	< .02	< .04	< 0.6	< 0.39	< .8	< .006	< .010	< .014	< .010	< 0.77

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 6 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	3,4-Dichloroaniline, water, filtered, recoverable, μg/L (61625)	3-Chloropropene, water, unfiltered, recoverable, μg/L (78109)	4-Chloro-2-methylphenol, water, filtered, recoverable, μg/L (61633)	4-Chloro-3-methylphenol, water, filtered, recoverable, μg/L (34452)	4-Nitrophenol, water, unfiltered, recoverable, μg/L (34646)	Acetochlor, water, filtered, recoverable, μg/L (49260)	Acrylonitrile, water, unfiltered, recoverable, μg/L (34215)	Alachlor, water, filtered, recoverable, μg/L (46342)	Aldrin, water, unfiltered, recoverable, μg/L (39330)	alpha-Endosulfan, water, unfiltered, recoverable, μg/L (39388)
06-09-2009	< .004	< .08	< .005	< 0.55	< 0.51	< .010	< 0.4	< .008	< .01	< .01
06-09-2009	< .004	< .08	< .005	< 0.55	< 0.51	< .010	< 0.4	< .008	< .01	< .01

403643074013101 Local number K 2412. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 7 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Atrazine, water, filtered, recover- able, μg/L (39632)	Azinphos- methyl oxygen analog, water, filtered, recover- able, μg/L (61635)	Azinphos- methyl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82686)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82673)	Bromo- methane, water, unfiltered, recover- able, μg/L (34413)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82680)	Carbon disulfide, water, unfiltered, μg/L (77041)	Chlordane (technical), water, unfiltered, recover- able, μg/L (39350)	Chlorpyrifos oxygen analog, water, filtered, recoverable, μg/L (61636)
06-09-2009	< .007	< .04	< .120	< .014	< .4	< .200	< .04	< .1	< .05
06-09-2009	< .007	< .04	< .120	< .014	< .4	< .200	< .04	< .1	< .05

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 8 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Chlor- pyrifos, water, filtered, recover- able, μg/L (38933)	cis-1,3-Di- chloro- propene, water, unfiltered, recover- able, μg/L (34704)	cis- Permethrin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82687)	Cyfluthrin, water, filtered, recover- able, μg/L (61585)	Cyper- methrin, water, filtered, recover- able, μg/L (61586)	DCPA, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82682)	Desulfinyl- fipronil amide, water, filtered, recover- able, μg/L (62169)	Desulfinyl- fipronil, water, filtered, recover- able, μg/L (62170)	Diazinon, water, filtered, recover- able, μg/L (39572)	Dichlorvos, water, filtered, recover- able, μg/L (38775)
06-09-2009	< .010	< .10	< .014	< .016	< .020	< .006	< .029	< .012	< .005	< .02
06-09-2009	< .010	< .10	< .014	< .016	< .020	< .006	< .029	< .012	< .005	< .02

403643074013101 Local number K 2412. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 9 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Dicroto- phos, water, filtered, recover- able, μg/L (38454)	Dieldrin, water, filtered, recover- able, μg/L (39381)	Dieldrin, water, unfiltered, recover- able, μg/L (39380)	Dimetho- ate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82662)	Endrin, water, unfiltered, recover- able, μg/L (39390)	Ethion monoxon, water, filtered, recover- able, μg/L (61644)	Ethion, water, filtered, recover- able, μg/L (82346)	Fenami- phos sulfone, water, filtered, recover- able, μg/L (61645)	Fenami- phos, water, filtered, recover- able, μg/L (61591)	Fipronil sulfide, water, filtered, recover- able, μg/L (62167)
06-09-2009	< .08	< .009	< .008	< .006	< .01	< .02	< .012	< .053	< .03	< .013
06-09-2009	< .08	< .009	< .008	< .006	< .01	< .02	< .012	< .053	< .03	< .013

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 10 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Fipronil, water, filtered, recover- able, μg/L (62166)	Fonofos, water, filtered, recover- able, μg/L (04095)	Heptachlor epoxide, water, unfiltered, recover- able, μg/L (39420)	Heptachlor, water, unfiltered, recover- able, μg/L (39410)	Hexa- chloro- benzene, water, unfiltered, recover- able, μg/L (39700)	Hexa- zinone, water, filtered, recover- able, μg/L (04025)	Iodo- methane, water, unfiltered, recover- able, μg/L (77424)	Iprodione, water, filtered, recover- able, μg/L (61593)	Isofenphos, water, filtered, recover- able, μg/L (61594)	Lindane, water, unfiltered, recover- able, μg/L (39340)
06-09-2009	< .040	< .010	< .009	< .01	< 0.30	< .008	< .80	< .014	< .006	< .014
06-09-2009	< .040	< .010	< .009	< .01	< 0.30	< .008	< .80	< .014	< .006	< .014

403643074013101 Local number K 2412. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 11 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Malaoxon, water, filtered, recover- able, μg/L (61652)	Malathion, water, filtered, recover- able, μg/L (39532)	Metalaxyl, water, filtered, recover- able, μg/L (61596)	Methida- thion, water, filtered, recover- able, μg/L (61598)	Methyl paraoxon, water, filtered, recover- able, μg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82667)	Metola- chlor, water, filtered, recover- able, μg/L (39415)	Metribuzin, water, filtered, recover- able, μg/L (82630)	Mirex, water, unfiltered, recover- able, μg/L (39755)	Myclo- butanil, water, filtered, recover- able, μg/L (61599)
06-09-2009	< .080	< .020	< .007	< .006	< .01	< .008	< .014	< .016	< .006	< .010
06-09-2009	< .080	< .020	< .007	< .006	< .01	< .008	< .014	< .016	< .006	< .010

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 12 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	p,p'-DDD, water, unfiltered, recover- able, μg/L (39360)	p,p'-DDE, water, unfiltered, recover- able, μg/L (39365)	p,p'-DDT, water, unfiltered, recover- able, μg/L (39370)	p,p'- Methoxy- chlor, water, unfiltered, recover- able, μg/L (39480)	Pendi- methalin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82683)	Penta- chloro- phenol, water, unfiltered, recover- able, μg/L (39032)	Phorate oxygen analog, water, filtered, recover- able, μg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82664)	Phosmet, water, filtered, recover- able, μg/L (61601)	Prometon, water, filtered, recover- able, μg/L (04037)
06-09-2009	< .016	< .014	< .010	< .002	< .012	< 1	< .03	< .020	< .200	< .01
06-09-2009	< .016	< .014	< .010	< .002	< .012	< 1	< .03	< .020	< .200	< .01

403643074013101 Local number K 2412. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 13 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Prometryn, water, filtered, recover- able, μg/L (04036)	Propyz- amide, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82676)	Simazine, water, filtered, recover- able, μg/L (04035)	Tebu- thiuron, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82670)	Terbufos oxygen analog sulfone, water, filtered, recover- able, μg/L (61674)	Terbuthyl- azine, water, filtered, recover- able, μg/L (04022)	Toxaphene, water, unfiltered, recover- able, μg/L (39400)	trans-1,3- Dichloro- propene, water, unfiltered, recover- able, μg/L (34699)	Tribuphos, water, filtered, recover- able, μg/L (61610)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82661)
06-09-2009	< .006	< .004	< .010	< .02	< .04	< .01	< 1	< .10	< .035	< .012
06-09-2009	< .006	< .004	< .010	< .02	< .04	< .01	< 1	< .10	< .035	< .012

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 14 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	PCBs, water, unfiltered, recover- able, μg/L (39516)	1,1,1,2- Tetra- chloro- ethane, water, unfiltered, recover- able, μg/L (77562)	1,1,1-Tri- chloro- ethane, water, unfiltered, recover- able, μg/L (34506)	1,1,2,2- Tetra- chloro- ethane, water, unfiltered, recover- able, μg/L (34516)	1,1,2-Tri- chloro- 1,2,2- trifluoro- ethane, water, unfiltered, recover- able, μg/L (77652)	1,1,2-Tri- chloro- ethane, water, unfiltered, recover- able, μg/L (34511)	1,1-Di- chloro- ethane, water, unfiltered, recover- able, μg/L (34496)	1,1-Di- chloro- ethene, water, unfiltered, recover- able, μg/L (34501)	1,1-Di- chloro- propene, water, unfiltered, recover- able, μg/L (77168)	1,2,3,4- Tetra- methyl- benzene, water, unfiltered, recover- able, μg/L (49999)
06-09-2009	< .1	< .04	< .02	< .10	< .04	< .06	< .04	< .02	< .04	< .1
06-09-2009	< .1	< .04	< .02	< .10	< .04	< .06	< .04	< .02	< .04	< .1

403643074013101 Local number K 2412. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 15 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	1,2,3,5-Tetra-methyl-benzene, water, unfiltered, recoverable, μg/L (50000)	1,2,3-Tri-chloro-benzene, water, unfiltered, recoverable, μg/L (77613)	1,2,3-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77221)	1,2,4-Tri-chloro-benzene, water, unfiltered, recoverable, μg/L (34551)	1,2,4-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77222)	1,2-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34536)	1,2-Diphenyl-hydrazine, water, unfiltered, recoverable, μg/L (82626)	1,3,5-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77226)	1,3-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34566)	2,2-Di-chloro-propane, water, unfiltered, recoverable, μg/L (77170)
06-09-2009	< .1	< .1	< .1	< 0.04	< .04	< .02	< 0.30	< .04	< .02	< .06
06-09-2009	< .1	< .1	< .1	< 0.04	< .04	< .02	< 0.30	< .04	< .02	< .06

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 16 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	2,4-Dinitro-phenol, water, unfiltered, recoverable, μg/L (34616)	2,4-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34611)	2,6-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34626)	2-Chloro-naph-thalene, water, unfiltered, recoverable, μg/L (34581)	2-Chloro-phenol, water, unfiltered, recoverable, μg/L (34586)	2-Chloro-toluene, water, unfiltered, recoverable, μg/L (77275)	2-Ethyl-toluene, water, unfiltered, recoverable, μg/L (77220)	2-Nitro-phenol, water, unfiltered, recoverable, μg/L (34591)	3,3'-Dichloro-benzidine, water, unfiltered, recoverable, μg/L (34631)	4-Bromo-phenyl phenyl ether, water, unfiltered, recoverable, μg/L (34636)
06-09-2009	< 1	< 0.6	< 0.43	< 0.2	< 0.42	< .02	< .02	< 0.4	< 0.4	< 0.36
06-09-2009	< 1	< 0.6	< 0.43	< 0.2	< 0.42	< .02	< .02	< 0.4	< 0.4	< 0.36

403643074013101 Local number K 2412. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 17 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	4-Chloro-phenyl ether, water, unfiltered, recoverable, μg/L (34641)	4-Chloro-toluene, water, unfiltered, recoverable, μg/L (77277)	4-Iso-propyl-toluene, water, unfiltered, recoverable, μg/L (77356)	9H-Fluorene, water, unfiltered, recoverable, μg/L (34381)	Acenaph-thene, water, unfiltered, recoverable, μg/L (34205)	Acenaph-thylene, water, unfiltered, recoverable, μg/L (34200)	Acetone, water, unfiltered, recoverable, μg/L (81552)	Anthra-cene, water, unfiltered, recoverable, μg/L (34220)	Benzene, water, unfiltered, recoverable, μg/L (34030)	Benzo[a]-anthra-cene, water, unfiltered, recoverable, μg/L (34526)
06-09-2009	< 0.34	< .02	< .06	< 0.33	< 0.28	< 0.30	< 4	< 0.39	< .02	< 0.26
06-09-2009	< 0.34	< .02	< .06	< 0.33	< 0.28	< 0.30	< 4	< 0.39	< .02	< 0.26

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 18 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Benzo[a]-pyrene, water, unfiltered, recoverable, μg/L (34247)	Benzo[a]-fluor-anthene, water, unfiltered, recoverable, μg/L (34230)	Benzo[ghi]-perylene, water, unfiltered, recoverable, μg/L (34521)	Benzo[k]-fluoran-thene, water, unfiltered, recoverable, μg/L (34242)	Benzyl n-butyl phthalate, water, unfiltered, recoverable, μg/L (34292)	Bis(2-chloro-ethoxy)-methane, water, unfiltered, recoverable, μg/L (34278)	Bis(2-chloroethyl) ether, water, unfiltered, recoverable, μg/L (34273)	Bis(2-chloro-isopropyl) ether, water, unfiltered, recoverable, μg/L (34283)	Bis(2-ethyl-phthalate), water, unfiltered, recoverable, μg/L (39100)	Bromo-benzene, water, unfiltered, recoverable, μg/L (81555)
06-09-2009	< 0.33	< 0.40	< 0.4	< 0.4	< 2	< 0.2	< 0.30	< 0.38	< 2	< .02
06-09-2009	< 0.33	< 0.40	< 0.4	< 0.4	< 2	< 0.2	< 0.30	< 0.38	< 2	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Bromo-chloro-methane, water, unfiltered, recoverable, μg/L (77297)	Bromo-dichloro-methane, water, unfiltered, recoverable, μg/L (32101)	Bromo-ethene, water, unfiltered, recoverable, μg/L (50002)	Chloro-benzene, water, unfiltered, recoverable, μg/L (34301)	Chloro-ethane, water, unfiltered, recoverable, μg/L (34311)	Chloro-methane, water, unfiltered, recoverable, μg/L (34418)	Chrysene, water, unfiltered, recoverable, μg/L (34320)	cis-1,2-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (77093)	Dibenzo-[a,h]anthra-cene, water, unfiltered, recoverable, μg/L (34556)	Dibromo-chloro-methane, water, unfiltered, recoverable, μg/L (32105)
06-09-2009	< .06	< .04	< .1	< .02	< .1	< .1	< 0.33	< .02	< 0.4	< .1
06-09-2009	< .06	< .04	< .1	< .02	< .1	< .1	< 0.33	< .02	< 0.4	< .1

403643074013101 Local number K 2412. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 20 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Dibromo- methane, water, unfiltered, recover- able, μg/L (30217)	Dichloro- difluoro- methane, water, unfiltered, recover- able, μg/L (34668)	Dichloro- methane, water, unfiltered, recover- able, μg/L (34423)	Diethyl ether, water, unfiltered, recover- able, μg/L (81576)	Diethyl phthalate, water, unfiltered, recover- able, μg/L (34336)	Diisopropyl ether, water, unfiltered, recover- able, μg/L (81577)	Dimethyl phthalate, water, unfiltered, recover- able, μg/L (34341)	Di-n-butyl phthalate, water, unfiltered, recover- able, μg/L (39110)	Di-n-octyl phthalate, water, unfiltered, recover- able, μg/L (34596)	Ethyl metha- crylate, water, unfiltered, recover- able, μg/L (73570)
06-09-2009	< .04	< .10	< 0.04	< .1	< 0.61	< .06	< 0.4	< 1	< 0.6	< .1
06-09-2009	< .04	< .10	< 0.04	< .1	< 0.61	< .06	< 0.4	< 1	< 0.6	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 21 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Ethyl methyl ketone, water, unfiltered, recover- able, μg/L (81595)	Ethyl- benzene, water, unfiltered, recover- able, μg/L (34371)	Fluoran- thene, water, unfiltered, recover- able, μg/L (34376)	Hexa- chloro- butadiene, water, unfiltered, recover- able, μg/L (39702)	Hexa- chloro- cyclopenta- diene, water, unfiltered, recover- able, μg/L (34386)	Hexa- chloro- ethane, water, unfiltered, recover- able, μg/L (34396)	Indeno- [1,2,3-cd]- pyrene, water, unfiltered, recover- able, μg/L (34403)	Isobutyl methyl ketone, water, unfiltered, recover- able, μg/L (78133)	Isophorone, water, unfiltered, recover- able, μg/L (34408)	Isopropyl- benzene, water, unfiltered, recover- able, μg/L (77223)
06-09-2009	< 1.6	< .04	< 0.30	< .1	< 0.4	< .1	< 0.4	< .4	< 0.4	< .04
06-09-2009	< 1.6	< .04	< 0.30	< .1	< 0.4	< .1	< 0.4	< .4	< 0.4	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 22 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Methyl acetate, water, unfiltered, recover- able, μg/L (77032)	Methyl acrylate, water, unfiltered, recover- able, μg/L (49991)	Methyl acrylo- nitrile, water, unfiltered, recover- able, μg/L (81593)	Methyl metha- crylate, water, unfiltered, recover- able, μg/L (81597)	Methyl tert-butyl ether, water, unfiltered, recover- able, μg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recover- able, μg/L (50005)	Methylene blue active sub- stances, water, unfiltered, recover- able, mg/L (38260)	m-Xylene plus p- xylene, water, unfiltered, recover- able, μg/L (85795)	Naphtha- lene, water, unfiltered, recover- able, μg/L (34696)	n-Butyl methyl ketone, water, unfiltered, recover- able, μg/L (77103)
06-09-2009	< .4	< .6	< .2	< .2	1.37	< .06	< .10	< .08	< .2	< .6
06-09-2009	< .4	< .6	< .2	< .2	1.39	< .06	< .10	< .08	< .2	< .6

403643074013101 Local number K 2412. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 23 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	n-Butyl- benzene, water, unfiltered, recover- able, μg/L (77342)	Nitro- benzene, water, unfiltered, recover- able, μg/L (34447)	N-Nitro- sodimethyl- amine, water, unfiltered, recover- able, μg/L (34438)	N-Nitro- sodi-n- propyl- amine, water, unfiltered, recover- able, μg/L (34428)	N-Nitro- sodiphenyl- amine, water, unfiltered, recover- able, μg/L (34433)	n-Propyl- benzene, water, unfiltered, recover- able, μg/L (77224)	o-Xylene, water, unfiltered, recover- able, μg/L (77135)	Phenan- threne, water, unfiltered, recover- able, μg/L (34461)	Phenol, water, unfiltered, recover- able, μg/L (34694)	Pyrene, water, unfiltered, recover- able, μg/L (34469)
06-09-2009	< .1	< 0.2	< 0.2	< 0.4	< 0.4	< .04	< .04	< 0.32	< .4	< 0.35
06-09-2009	< .1	< 0.2	< 0.2	< 0.4	< 0.4	< .04	< .04	< 0.32	< .4	< 0.35

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 24 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	sec-Butyl- benzene, water, unfiltered, recover- able, μg/L (77350)	Styrene, water, unfiltered, recover- able, μg/L (77128)	tert-Amyl alcohol, water, unfiltered, recover- able, μg/L (77073)	tert-Butyl alcohol, water, unfiltered, recover- able, μg/L (77035)	tert-Butyl ethyl ether, water, unfiltered, recover- able, μg/L (50004)	tert-Butyl- benzene, water, unfiltered, recover- able, μg/L (77353)	Tetra- chloro- ethene, water, unfiltered, recover- able, μg/L (34475)	Tetra- chloro- methane, water, unfiltered, recover- able, μg/L (32102)	Tetrahydro- furan, water, unfiltered, recover- able, μg/L (81607)	Toluene, water, unfiltered, recover- able, μg/L (34010)
06-09-2009	< .02	< .04	< .6	< 1.00	< .04	< .06	< .04	< .06	< 1	< .02
06-09-2009	< .02	< .04	< .6	< 1.00	< .04	< .06	< .04	< .06	< 1	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 25 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	trans-1,2- Dichloro- ethene, water, unfiltered, recover- able, μg/L (34546)	trans-1,4- Dichloro-2- butene, water, unfiltered, recover- able, μg/L (73547)	Tribromo- methane, water, unfiltered, recover- able, μg/L (32104)	Trichloro- ethene, water, unfiltered, recover- able, μg/L (39180)	Trichloro- fluoro- methane, water, unfiltered, recover- able, μg/L (34488)	Trichloro- methane, water, unfiltered, recover- able, μg/L (32106)	Vinyl chloride, water, unfiltered, recover- able, μg/L (39175)
06-09-2009	< .02	< .4	< .10	< .02	< .08	E .07	< .1
06-09-2009	< .02	< .4	< .10	< .02	< .08	E .07	< .1



Water-Data Report 2009

403702073555808 Local number K 3252. 1

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

LOCATION.--Lat 40°37'02", long 73°55'58" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202, at east side of Hendrickson Street, 46 ft north of Quentin Avenue, Flatlands.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 30 ft. Upper casing diameter 2 in; top of first opening 27 ft, bottom of last opening 30 ft.

DATUM.--Land-surface datum is 12.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.02 ft below land-surface datum.

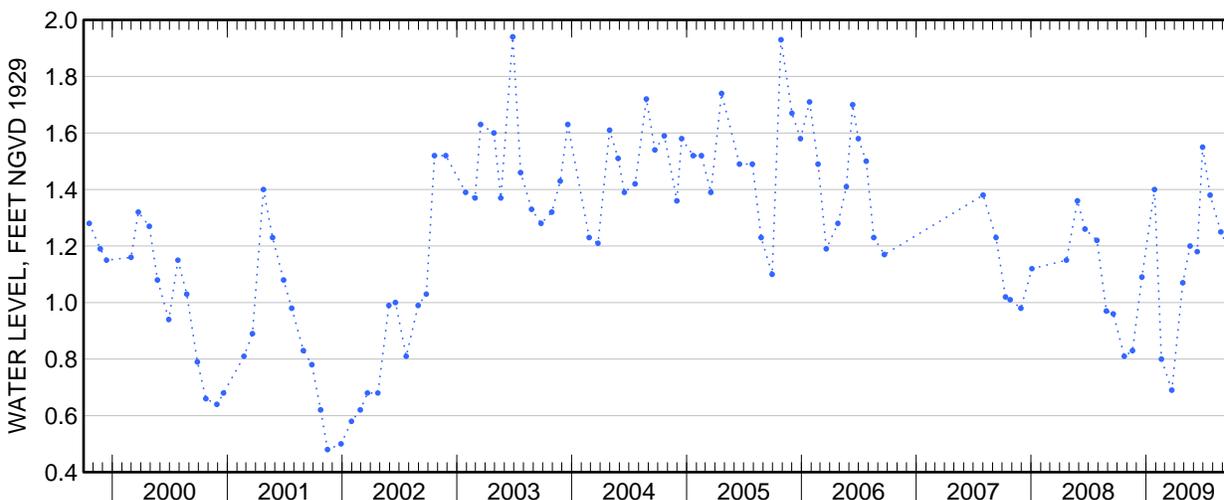
PERIOD OF RECORD.--June 1980 to October 1985, June 1988 to September 2006, and August 2007 to current year.

GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.68 ft above sea level, February 11, 1981; lowest measured, 0.48 ft above sea level, November 15, 2001.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 23	0.81	May 20	1.20
Nov 18	0.83	Jun 12	1.18
Dec 18	1.09	29	1.55
Jan 27	1.40	Jul 23	1.38
Feb 18	0.80	Aug 26	1.25
Mar 23	0.69	Sep 15	1.20
Apr 27	1.07		





Water-Data Report 2009

403709073584101 Local number K 3267. 1

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

LOCATION.--Lat 40°37'09", long 73°58'41" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 47 ft. Upper casing diameter 1.75 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 37 ft above National Geodetic Vertical Datum of 1929.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Dissolved solids dried at 180 °C, water, filtered, mg/L (70300)	Calcium, water, unfiltered, recoverable, mg/L (00916)	Magnesium, water, unfiltered, recoverable, mg/L (00927)	Potassium, water, unfiltered, recoverable, mg/L (00937)
08-03-2009	0900	3.9	7.8	294	17.8	.6	192	17.1	19.0	1.84

403709073584101 Local number K 3267. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sodium, water, unfiltered, recoverable, mg/L (00929)	ANC, water, unfiltered, fixed endpoint titration, laboratory, mg/L as CaCO ₃ (90410)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Orthophosphate, water, filtered, mg/L as P (00671)
08-03-2009	6.7	88	11.2	< .08	28.9	25.5	.048	4.96	.127	.020

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Barium, water, unfiltered, recoverable, μg/L (01007)	Cadmium, water, unfiltered, recoverable, μg/L (01027)	Chromium, water, unfiltered, recoverable, μg/L (01034)	Copper, water, unfiltered, recoverable, μg/L (01042)	Iron, water, filtered, recoverable, μg/L (01046)	Iron, water, unfiltered, recoverable, μg/L (01045)	Lead, water, unfiltered, recoverable, μg/L (01051)	Manganese, water, filtered, recoverable, μg/L (01056)	Manganese, water, unfiltered, recoverable, μg/L (01055)	Mercury, water, unfiltered, recoverable, μg/L (71900)
08-03-2009	32.2	< .06	.81	22.6	8	41	6.00	1.4	1.3	< .010

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 4 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Silver, water, unfiltered, recoverable, μg/L (01077)	Zinc, water, unfiltered, recoverable, μg/L (01092)	Arsenic, water, unfiltered, recoverable, μg/L (01002)	Selenium, water, unfiltered, recoverable, μg/L (01147)	1,2,3-Trichloropropane, water, unfiltered, recoverable, μg/L (77443)	1,2-Dibromo-3-chloropropane, water, unfiltered, recoverable, μg/L (82625)	1,2-Dibromoethane, water, unfiltered, recoverable, μg/L (77651)	1,2-Dichloroethane, water, unfiltered, recoverable, μg/L (32103)	1,2-Dichloropropane, water, unfiltered, recoverable, μg/L (34541)	1,3-Dichloropropane, water, unfiltered, recoverable, μg/L (77173)
08-03-2009	< .06	1,550	.33	1.7	< .12	< 1.0	< .04	< .1	< .02	< .1

403709073584101 Local number K 3267. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 5 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	1,4-Dichlorobenzene, water, unfiltered, recoverable, μg/L (34571)	1-Naphthol, water, glass fiber filtered (0.7 micron filter), recoverable, μg/L (49295)	2,4,6-Trichlorophenol, water, unfiltered, recoverable, μg/L (34621)	2,4-Dichlorophenol, water, unfiltered, recoverable, μg/L (34601)	2,4-Dimethylphenol, water, unfiltered, recoverable, μg/L (34606)	2,6-Diethylaniline, water, glass fiber filtered (0.7 micron filter), recoverable, μg/L (82660)	2-Chloro-2',6'-diethylacetanilide, water, filtered, recoverable, μg/L (61618)	2-Chloro-4-isopropylamino-6-triazine, water, filtered, recoverable, μg/L (04040)	2-Ethyl-6-methyl-aniline, water, filtered, recoverable, μg/L (61620)	2-Methyl-4,6-dinitrophenol, water, unfiltered, recoverable, μg/L (34657)
08-03-2009	< .02	< .04	< 0.6	< 0.39	< .8	< .006	< .010	E .004	< .010	< 0.77

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 6 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	3,4-Dichloroaniline, water, filtered, recoverable, μg/L (61625)	3-Chloropropene, water, unfiltered, recoverable, μg/L (78109)	4-Chloro-2-methylphenol, water, filtered, recoverable, μg/L (61633)	4-Chloro-3-methylphenol, water, filtered, recoverable, μg/L (34452)	4-Nitrophenol, water, unfiltered, recoverable, μg/L (34646)	Acetochlor, water, filtered, recoverable, μg/L (49260)	Acrylonitrile, water, unfiltered, recoverable, μg/L (34215)	Alachlor, water, filtered, recoverable, μg/L (46342)	Aldrin, water, unfiltered, recoverable, μg/L (39330)	alpha-Endosulfan, water, unfiltered, recoverable, μg/L (39388)
08-03-2009	< .004	< .08	< .005	< 0.55	< 0.51	< .010	< 0.4	< .008	< .01	< .01

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 7 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	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)	Bromo-methane, water, unfiltered, recoverable, μg/L (34413)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82680)	Carbon disulfide, water, unfiltered, recoverable, μg/L (77041)	Chlordane (technical), water, unfiltered, recoverable, μg/L (39350)	Chlorpyrifos, oxygen analog, water, filtered, recoverable, μg/L (61636)
08-03-2009	< .007	< .04	< .120	< .014	< .4	< .200	< .04	< .1	< .05

403709073584101 Local number K 3267. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 8 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Chlorpyrifos, water, filtered, recoverable, μg/L (38933)	cis-1,3-Dichloropropene, water, unfiltered, recoverable, μg/L (34704)	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)	Dichlorvos, water, filtered, recoverable, μg/L (38775)
08-03-2009	< .010	< .10	< .014	< .016	< .020	< .006	< .029	< .012	< .005	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 9 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Dicrotophos, water, filtered, recoverable, μg/L (38454)	Dieldrin, water, filtered, recoverable, μg/L (39381)	Dieldrin, water, unfiltered, recoverable, μg/L (39380)	Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82662)	Endrin, water, unfiltered, recoverable, μg/L (39390)	Ethion monoxon, water, filtered, recoverable, μg/L (61644)	Ethion, water, filtered, recoverable, μg/L (82346)	Fenamiphos sulfone, water, filtered, recoverable, μg/L (61645)	Fenamiphos sulfoxide, water, filtered, recoverable, μg/L (61646)	Fenamiphos, water, filtered, recoverable, μg/L (61591)
08-03-2009	< .08	< .009	< .008	< .006	< .01	< .02	< .012	< .053	< .08	< .03

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 10 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Fipronil sulfide, water, filtered, recoverable, μg/L (62167)	Fipronil, water, filtered, recoverable, μg/L (62166)	Fonofos, water, filtered, recoverable, μg/L (04095)	Heptachlor epoxide, water, unfiltered, recoverable, μg/L (39420)	Heptachlor, water, unfiltered, recoverable, μg/L (39410)	Hexachlorobenzene, water, unfiltered, recoverable, μg/L (39700)	Hexazinone, water, filtered, recoverable, μg/L (04025)	Iodomethane, water, unfiltered, recoverable, μg/L (77424)	Iprodione, water, filtered, recoverable, μg/L (61593)	Isofenphos, water, filtered, recoverable, μg/L (61594)
08-03-2009	< .013	< .040	< .010	< .009	< .01	< 0.30	< .008	< .80	< .014	< .006

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 11 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Lindane, water, unfiltered, recover- able, μg/L (39340)	Malaoxon, water, filtered, recover- able, μg/L (61652)	Malathion, water, filtered, recover- able, μg/L (39532)	Metalaxyl, water, filtered, recover- able, μg/L (61596)	Methida- thion, water, filtered, recover- able, μg/L (61598)	Methyl paraoxon, water, filtered, recover- able, μg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82667)	Metola- chlor, water, filtered, recover- able, μg/L (39415)	Metribuzin, water, filtered, recover- able, μg/L (82630)	Mirex, water, unfiltered, recover- able, μg/L (39755)
08-03-2009	< .014	< .080	< .020	.115	< .006	< .01	< .008	< .014	< .016	< .006

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 12 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Myclo- butanil, water, filtered, recover- able, μg/L (61599)	p,p'-DDD, water, unfiltered, recover- able, μg/L (39360)	p,p'-DDE, water, unfiltered, recover- able, μg/L (39365)	p,p'-DDT, water, unfiltered, recover- able, μg/L (39370)	p,p'- Methoxy- chlor, water, unfiltered, recover- able, μg/L (39480)	Pendi- methalin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82683)	Penta- chloro- phenol, water, unfiltered, recover- able, μg/L (39032)	Phorate oxygen analog, water, filtered, recover- able, μg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82664)	Phosmet oxygen analog, water, filtered, recover- able, μg/L (61668)
08-03-2009	< .010	< .016	< .014	< .010	< .002	< .012	< 1	< .03	< .020	< .05

403709073584101 Local number K 3267. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 13 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Phosmet, water, filtered, recover- able, μg/L (61601)	Prometon, water, filtered, recover- able, μg/L (04037)	Prometryn, water, filtered, recover- able, μg/L (04036)	Propyz- amide, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82676)	Simazine, water, filtered, recover- able, μg/L (04035)	Tebu- thiuron, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82670)	Terbufos oxygen analog sulfone, water, filtered, recover- able, μg/L (61674)	Terbuthyl- azine, water, filtered, recover- able, μg/L (04022)	Toxaphene, water, unfiltered, recover- able, μg/L (39400)	trans-1,3- Dichloro- propene, water, unfiltered, recover- able, μg/L (34699)
08-03-2009	< .200	< .01	< .006	< .004	< .010	< .02	< .04	< .01	< 1	< .10

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Tribuphos, water, filtered, recover- able, μg/L (61610)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82661)	PCBs, water, unfiltered, recover- able, μg/L (39516)	1,1,1,2- Tetra- chloro- ethane, water, unfiltered, recover- able, μg/L (77562)	1,1,1-Tri- chloro- ethane, water, unfiltered, recover- able, μg/L (34506)	1,1,2,2- Tetra- chloro- ethane, water, unfiltered, recover- able, μg/L (34516)	1,1,2-Tri- chloro- 1,2,2- trifluoro- ethane, water, unfiltered, recover- able, μg/L (77652)	1,1,2-Tri- chloro- ethane, water, unfiltered, recover- able, μg/L (34511)	1,1-Di- chloro- ethane, water, unfiltered, recover- able, μg/L (34496)	1,1-Di- chloro- ethene, water, unfiltered, recover- able, μg/L (34501)
08-03-2009	< .035	< .012	< .1	< .04	< .02	< .10	< .04	< .06	< .04	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 15 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	1,1-Di- chloro- propene, water, unfiltered, recover- able, μg/L (77168)	1,2,3,4- Tetra- methyl- benzene, water, unfiltered, recover- able, μg/L (49999)	1,2,3,5- Tetra- methyl- benzene, water, unfiltered, recover- able, μg/L (50000)	1,2,3-Tri- chloro- benzene, water, unfiltered, recover- able, μg/L (77613)	1,2,3-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77221)	1,2,4-Tri- chloro- benzene, water, unfiltered, recover- able, μg/L (34551)	1,2,4-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77222)	1,2- Dichloro- benzene, water, unfiltered, recover- able, μg/L (34536)	1,2- Diphenyl- hydrazine, water, unfiltered, recover- able, μg/L (82626)	1,3,5-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77226)
08-03-2009	< .04	< .1	< .1	< .1	< .1	< 0.04	< .04	< .02	< 0.30	< .04

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 16 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	1,3-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34566)	2,2-Di-chloro-propane, water, unfiltered, recoverable, μg/L (77170)	2,4-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34611)	2,6-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34626)	2-Chloro-naphthalene, water, unfiltered, recoverable, μg/L (34581)	2-Chloro-phenol, water, unfiltered, recoverable, μg/L (34586)	2-Chloro-toluene, water, unfiltered, recoverable, μg/L (77275)	2-Ethyl-toluene, water, unfiltered, recoverable, μg/L (77220)	2-Nitro-phenol, water, unfiltered, recoverable, μg/L (34591)	3,3'-Dichloro-benzidine, water, unfiltered, recoverable, μg/L (34631)
08-03-2009	< .02	< .06	< 0.6	< 0.43	< 0.2	< 0.42	< .02	< .02	< 0.4	< 0.4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 17 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	4-Bromo-phenyl phenyl ether, water, unfiltered, recoverable, μg/L (34636)	4-Chloro-phenyl ether, water, unfiltered, recoverable, μg/L (34641)	4-Chloro-toluene, water, unfiltered, recoverable, μg/L (77277)	4-Iso-propyl-toluene, water, unfiltered, recoverable, μg/L (77356)	9H-Fluorene, water, unfiltered, recoverable, μg/L (34381)	Acenaph-thene, water, unfiltered, recoverable, μg/L (34205)	Acenaph-thylene, water, unfiltered, recoverable, μg/L (34200)	Acetone, water, unfiltered, recoverable, μg/L (81552)	Anthra-cene, water, unfiltered, recoverable, μg/L (34220)	Benzene, water, unfiltered, recoverable, μg/L (34030)
08-03-2009	< 0.36	< 0.34	< .02	< .06	< 0.33	< 0.28	< 0.30	< 4	< 0.39	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 18 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Benzo[a]-anthra-cene, water, unfiltered, recoverable, μg/L (34526)	Benzo[a]-pyrene, water, unfiltered, recoverable, μg/L (34247)	Benzo[a]-fluor-anthene, water, unfiltered, recoverable, μg/L (34230)	Benzo[ghi]-perylene, water, unfiltered, recoverable, μg/L (34521)	Benzo[k]-fluoran-thene, water, unfiltered, recoverable, μg/L (34242)	Benzyl n-butyl phthalate, water, unfiltered, recoverable, μg/L (34292)	Bis(2-chloro-ethoxy)-methane, water, unfiltered, recoverable, μg/L (34278)	Bis(2-chloroethyl) ether, water, unfiltered, recoverable, μg/L (34273)	Bis(2-chloro-isopropyl) ether, water, unfiltered, recoverable, μg/L (34283)	Bis(2-ethyl-hexyl) phthalate, water, unfiltered, recoverable, μg/L (39100)
08-03-2009	< 0.26	< 0.33	< 0.40	< 0.4	< 0.4	< 2	< 0.2	< 0.30	< 0.38	< 2

403709073584101 Local number K 3267. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 19 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Bromo- benzene, water, unfiltered, recover- able, µg/L (81555)	Bromo- chloro- methane, water, unfiltered, recover- able, µg/L (77297)	Bromo- dichloro- methane, water, unfiltered, recover- able, µg/L (32101)	Bromo- ethene, water, unfiltered, recover- able, µg/L (50002)	Chloro- benzene, water, unfiltered, recover- able, µg/L (34301)	Chloro- ethane, water, unfiltered, recover- able, µg/L (34311)	Chloro- methane, water, unfiltered, recover- able, µg/L (34418)	Chrysene, water, unfiltered, recover- able, µg/L (34320)	cis-1,2-Di- chloro- ethene, water, unfiltered, recover- able, µg/L (77093)	Dibenzo- [a,h]anthra- cene, water, unfiltered, recover- able, µg/L (34556)
08-03-2009	< .02	< .06	< .04	< .1	< .02	< .1	< .1	< 0.33	< .02	< 0.4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 20 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Dibromo- chloro- methane, water, unfiltered, recover- able, µg/L (32105)	Dibromo- methane, water, unfiltered, recover- able, µg/L (30217)	Dichloro- difluoro- methane, water, unfiltered, recover- able, µg/L (34668)	Dichloro- methane, water, unfiltered, recover- able, µg/L (34423)	Diethyl ether, water, unfiltered, recover- able, µg/L (81576)	Diethyl phthalate, water, unfiltered, recover- able, µg/L (34336)	Diisopropyl ether, water, unfiltered, recover- able, µg/L (81577)	Dimethyl phthalate, water, unfiltered, recover- able, µg/L (34341)	Di-n-butyl phthalate, water, unfiltered, recover- able, µg/L (39110)	Di-n-octyl phthalate, water, unfiltered, recover- able, µg/L (34596)
08-03-2009	< .1	< .04	< .10	< 0.04	< .1	< 0.61	< .06	< 0.4	< 1	< 0.6

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 21 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Ethyl metha- crylate, water, unfiltered, recover- able, µg/L (73570)	Ethyl methyl ketone, water, unfiltered, recover- able, µg/L (81595)	Ethyl- benzene, water, unfiltered, recover- able, µg/L (34371)	Fluoran- thene, water, unfiltered, recover- able, µg/L (34376)	Hexa- chloro- butadiene, water, unfiltered, recover- able, µg/L (39702)	Hexa- chloro- cyclopenta- diene, water, unfiltered, recover- able, µg/L (34386)	Hexa- chloro- ethane, water, unfiltered, recover- able, µg/L (34396)	Indeno- [1,2,3-cd]- pyrene, water, unfiltered, recover- able, µg/L (34403)	Isobutyl methyl ketone, water, unfiltered, recover- able, µg/L (78133)	Isophorone, water, unfiltered, recover- able, µg/L (34408)
08-03-2009	< .1	< 1.6	< .04	< 0.30	< .1	< 0.4	< .1	< 0.4	< .4	< 0.4

403709073584101 Local number K 3267. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 22 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Isopropyl- benzene, water, unfiltered, recover- able, μg/L (77223)	Methyl acetate, water, unfiltered, recover- able, μg/L (77032)	Methyl acrylate, water, unfiltered, recover- able, μg/L (49991)	Methyl acrylo- nitrile, water, unfiltered, recover- able, μg/L (81593)	Methyl metha- crylate, water, unfiltered, recover- able, μg/L (81597)	Methyl tert-butyl ether, water, unfiltered, recover- able, μg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recover- able, μg/L (50005)	Methylene blue active sub- stances, water, unfiltered, recover- able, mg/L (38260)	m-Xylene plus p- xylene, water, unfiltered, recover- able, μg/L (85795)	Naphtha- lene, water, unfiltered, recover- able, μg/L (34696)
08-03-2009	< .04	< .4	< .6	< .2	< .2	< .10	< .06	< .10	< .08	< .2

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 23 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	n-Butyl methyl ketone, water, unfiltered, recover- able, μg/L (77103)	n-Butyl- benzene, water, unfiltered, recover- able, μg/L (77342)	Nitro- benzene, water, unfiltered, recover- able, μg/L (34447)	N-Nitro- sodimethyl- amine, water, unfiltered, recover- able, μg/L (34438)	N-Nitro- sodi-n- propyl- amine, water, unfiltered, recover- able, μg/L (34428)	N-Nitro- sodiphenyl- amine, water, unfiltered, recover- able, μg/L (34433)	n-Propyl- benzene, water, unfiltered, recover- able, μg/L (77224)	o-Xylene, water, unfiltered, recover- able, μg/L (77135)	Phenan- threne, water, unfiltered, recover- able, μg/L (34461)	Phenol, water, unfiltered, recover- able, μg/L (34694)
08-03-2009	< .6	< .1	< 0.2	< 0.2	< 0.4	< 0.4	< .04	< .04	< 0.32	< .4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 24 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Pyrene, water, unfiltered, recover- able, μg/L (34469)	sec-Butyl- benzene, water, unfiltered, recover- able, μg/L (77350)	Styrene, water, unfiltered, recover- able, μg/L (77128)	tert-Amyl alcohol, water, unfiltered, recover- able, μg/L (77073)	tert-Butyl alcohol, water, unfiltered, recover- able, μg/L (77035)	tert-Butyl ethyl ether, water, unfiltered, recover- able, μg/L (50004)	tert-Butyl- benzene, water, unfiltered, recover- able, μg/L (77353)	Tetra- chloro- ethene, water, unfiltered, recover- able, μg/L (34475)	Tetra- chloro- methane, water, unfiltered, recover- able, μg/L (32102)	Tetrahydro- furan, water, unfiltered, recover- able, μg/L (81607)
08-03-2009	< 0.35	< .02	< .04	< .6	< 1.00	< .04	< .06	< .04	< .06	< 1

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Toluene, water, unfiltered, recover- able, μg/L (34010)	trans-1,2- Dichloro- ethene, water, unfiltered, recover- able, μg/L (34546)	trans-1,4- Dichloro-2- butene, water, unfiltered, recover- able, μg/L (73547)	Tribromo- methane, water, unfiltered, recover- able, μg/L (32104)	Trichloro- ethene, water, unfiltered, recover- able, μg/L (39180)	Trichloro- fluoro- methane, water, unfiltered, recover- able, μg/L (34488)	Trichloro- methane, water, unfiltered, recover- able, μg/L (32106)	Vinyl chloride, water, unfiltered, recover- able, μg/L (39175)
08-03-2009	< .02	< .02	< .4	< .10	< .02	< .08	.21	< .1



Water-Data Report 2009

403712074001608 Local number K 3248. 1

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

LOCATION.--Lat 40°37'12", long 74°00'16" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202, at northwest corner of 73rd Street and 14th Avenue, New Utrecht.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 45 ft. Upper casing diameter 2 in; top of first opening 42 ft, bottom of last opening 45 ft.

DATUM.--Land-surface datum is 41 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.58 ft below land-surface datum.

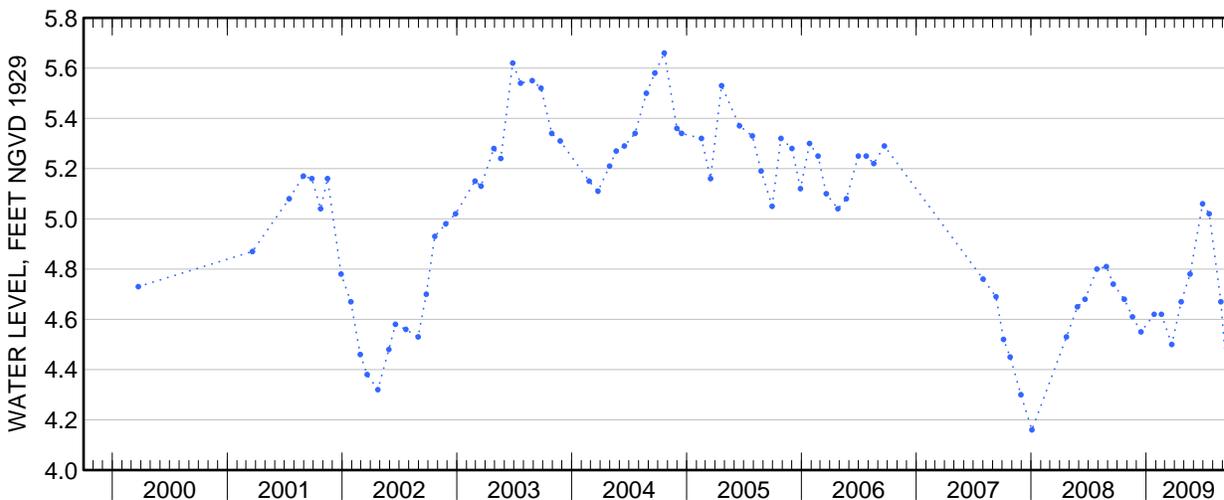
PERIOD OF RECORD.--April 1980 to October 1985, June 1988 to September 2006, and August 2007 to current year.

GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 5.87 ft above sea level, May 28, 1998; lowest measured, 3.38 ft above sea level, December 28, 1984.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 23	4.68	Apr 22	4.67
Nov 18	4.61	May 20	4.78
Dec 15	4.55	Jun 29	5.06
Jan 26	4.62	Jul 20	5.02
Feb 18	4.62	Aug 26	4.67
Mar 23	4.50	Sep 15	4.36



Water-Data Report 2009

403719073573301 Local number K 3405. 1

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

LOCATION.--Lat 40°37'19", long 73°57'33" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202, at west side of East 17th Street, 0.1 mile north of Avenue L, Midwood.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 214 ft. Upper casing diameter 4 in; top of first opening 204 ft, bottom of last opening 214 ft.

DATUM.--Land-surface datum is 33.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.01 ft below land-surface datum.

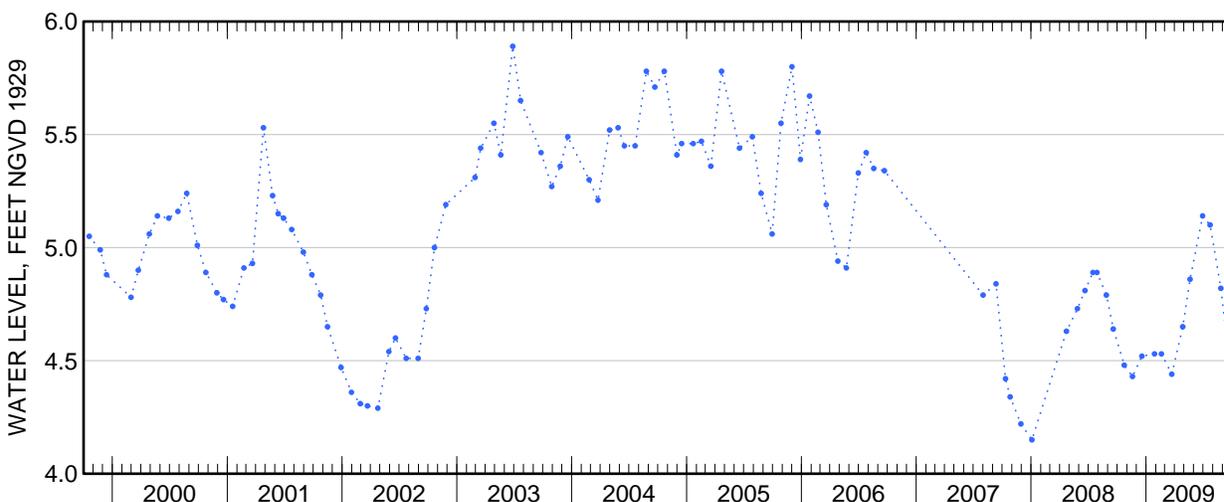
PERIOD OF RECORD.--March 1995 to September 2006 and August 2007 to current year.

GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.08 ft above sea level, May 20, 1998; lowest measured, 4.15 ft above sea level, January 3, 2008.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 23	4.48	Apr 27	4.65
Nov 18	4.43	May 20	4.86
Dec 18	4.52	Jun 29	5.14
Jan 27	4.53	Jul 23	5.10
Feb 18	4.53	Aug 26	4.82
Mar 23	4.44	Sep 15	4.58





Water-Data Report 2009

403732073573701 Local number K 2582. 1

Northern Atlantic Coastal Plain aquifer system
 Jameco Aquifer
 Kings County, NY

LOCATION.--Lat 40°37'32", long 73°57'37" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.—Depth 194 ft. Upper casing diameter 8 in; top of first opening 163 ft, bottom of last opening 194 ft.

DATUM.--Land-surface datum is 10 ft above National Geodetic Vertical Datum of 1929.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Dissolved solids dried at 180 °C, water, filtered, mg/L (70300)	Calcium, water, unfiltered, recoverable, mg/L (00916)	Magnesium, water, unfiltered, recoverable, mg/L (00927)	Potassium, water, unfiltered, recoverable, mg/L (00937)
06-19-2009	0900	3.5	7.7	969	16.1	.6	603	59.8	44.1	2.50

403732073573701 Local number K 2582. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sodium, water, unfiltered, recoverable, mg/L (00929)	ANC, water, unfiltered, fixed endpoint titration, laboratory, mg/L as CaCO ₃ (90410)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Orthophosphate, water, filtered, mg/L as P (00671)
06-19-2009	61.1	141	159	E .04	27.3	77.3	< .020	6.63	< .002	.032

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Barium, water, unfiltered, recoverable, μg/L (01007)	Cadmium, water, unfiltered, recoverable, μg/L (01027)	Chromium, water, unfiltered, recoverable, μg/L (01034)	Copper, water, unfiltered, recoverable, μg/L (01042)	Iron, water, filtered, recoverable, μg/L (01046)	Iron, water, unfiltered, recoverable, μg/L (01045)	Lead, water, unfiltered, recoverable, μg/L (01051)	Manganese, water, filtered, recoverable, μg/L (01056)	Manganese, water, unfiltered, recoverable, μg/L (01055)	Mercury, water, unfiltered, recoverable, μg/L (71900)
06-19-2009	84.5	< .06	1.2	< 4.0	E 2	< 14	.15	.6	.6	< .010

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 4 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Silver, water, unfiltered, recoverable, μg/L (01077)	Zinc, water, unfiltered, recoverable, μg/L (01092)	Arsenic, water, unfiltered, recoverable, μg/L (01002)	Selenium, water, unfiltered, recoverable, μg/L (01147)	1,2,3-Trichloropropane, water, unfiltered, recoverable, μg/L (77443)	1,2-Dibromo-3-chloropropane, water, unfiltered, recoverable, μg/L (82625)	1,2-Dibromoethane, water, unfiltered, recoverable, μg/L (77651)	1,2-Dichloroethane, water, unfiltered, recoverable, μg/L (32103)	1,2-Dichloropropane, water, unfiltered, recoverable, μg/L (34541)	1,3-Dichloropropane, water, unfiltered, recoverable, μg/L (77173)
06-19-2009	< .06	5.3	.76	2.1	< .12	< 1.0	< .04	< .1	< .02	< .1

403732073573701 Local number K 2582. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 5 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	1,4-Dichlorobenzene, water, unfiltered, recoverable, μg/L (34571)	1-Naphthol, water, glass fiber filter), recoverable, μg/L (49295)	2,4,6-Trichlorophenol, water, unfiltered, recoverable, μg/L (34621)	2,4-Dichlorophenol, water, unfiltered, recoverable, μg/L (34601)	2,4-Dimethylphenol, water, unfiltered, recoverable, μg/L (34606)	2,6-Diethylaniline, water, glass fiber filter), recoverable, μg/L (82660)	2-Chloro-2',6'-diethylacetanilide, water, filtered, recoverable, μg/L (61618)	2-Chloro-4-isopropylamino-6-triazine, water, filtered, recoverable, μg/L (04040)	2-Ethyl-6-methylaniline, water, filtered, recoverable, μg/L (61620)	3,4-Dichloroaniline, water, filtered, recoverable, μg/L (61625)
06-19-2009	< .02	< .04	< 0.6	< 0.39	< .8	< .006	< .010	< .014	< .010	< .004

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 6 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	3-Chloropropene, water, unfiltered, recoverable, μg/L (78109)	4-Chloro-2-methylphenol, water, filtered, recoverable, μg/L (61633)	4-Chloro-3-methylphenol, water, filtered, recoverable, μg/L (34452)	4-Nitrophenol, water, unfiltered, recoverable, μg/L (34646)	Acetochlor, water, filtered, recoverable, μg/L (49260)	Acrylonitrile, water, unfiltered, recoverable, μg/L (34215)	Alachlor, water, filtered, recoverable, μg/L (46342)	Aldrin, water, unfiltered, recoverable, μg/L (39330)	alpha-Endosulfan, water, unfiltered, recoverable, μg/L (39388)	Atrazine, water, filtered, recoverable, μg/L (39632)
06-19-2009	< .08	< .005	< 0.55	< 0.51	< .010	< 0.4	< .008	< .01	< .01	< .007

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 7 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Azinphosmethyl, water, oxygen analog, water, filtered, recoverable, μg/L (61635)	Azinphosmethyl, water, glass fiber filter), recoverable, μg/L (82686)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82673)	Bromo-methane, water, unfiltered, recoverable, μg/L (34413)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82680)	Carbon disulfide, water, unfiltered, recoverable, μg/L (77041)	Chlordane (technical), water, unfiltered, recoverable, μg/L (39350)	Chlorpyrifos oxygen analog, water, filtered, recoverable, μg/L (61636)	Chlorpyrifos, water, filtered, recoverable, μg/L (38933)
06-19-2009	< .04	< .120	< .014	< .4	< .200	< .04	< .1	< .05	< .010

403732073573701 Local number K 2582. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 8 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	cis-1,3-Dichloropropene, water, unfiltered, recoverable, μg/L (34704)	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)	Dichlorvos, water, filtered, recoverable, μg/L (38775)	Dicrotophos, water, filtered, recoverable, μg/L (38454)
06-19-2009	< .10	< .014	< .016	< .020	< .006	< .029	< .012	< .005	< .02	< .08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 9 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Dieldrin, water, filtered, recoverable, μg/L (39381)	Dieldrin, water, unfiltered, recoverable, μg/L (39380)	Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82662)	Endrin, water, unfiltered, recoverable, μg/L (39390)	Ethion monoxon, water, filtered, recoverable, μg/L (61644)	Ethion, water, filtered, recoverable, μg/L (82346)	Fenami-phos sulfone, water, filtered, recoverable, μg/L (61645)	Fenami-phos sulfoxide, water, filtered, recoverable, μg/L (61646)	Fenami-phos, water, filtered, recoverable, μg/L (61591)	Fipronil sulfide, water, filtered, recoverable, μg/L (62167)
06-19-2009	< .009	< .008	< .006	< .01	< .02	< .012	< .053	< .08	< .03	< .013

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 10 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Fipronil, water, filtered, recoverable, μg/L (62166)	Fonofos, water, filtered, recoverable, μg/L (04095)	Heptachlor epoxide, water, unfiltered, recoverable, μg/L (39420)	Heptachlor, water, unfiltered, recoverable, μg/L (39410)	Hexachloro-benzene, water, unfiltered, recoverable, μg/L (39700)	Hexa-zinone, water, filtered, recoverable, μg/L (04025)	Iodo-methane, water, unfiltered, recoverable, μg/L (77424)	Iprodione, water, filtered, recoverable, μg/L (61593)	Isofenphos, water, filtered, recoverable, μg/L (61594)	Lindane, water, unfiltered, recoverable, μg/L (39340)
06-19-2009	< .040	< .010	< .009	< .01	< 0.30	< .008	< .80	< .014	< .006	< .014

403732073573701 Local number K 2582. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 11 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Malaoxon, water, filtered, recover- able, μg/L (61652)	Malathion, water, filtered, recover- able, μg/L (39532)	Metalaxyl, water, filtered, recover- able, μg/L (61596)	Methida- thion, water, filtered, recover- able, μg/L (61598)	Methyl paraoxon, water, filtered, recover- able, μg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82667)	Metola- chlor, water, filtered, recover- able, μg/L (39415)	Metribuzin, water, filtered, recover- able, μg/L (82630)	Mirex, water, unfiltered, recover- able, μg/L (39755)	Myclo- butanil, water, filtered, recover- able, μg/L (61599)
06-19-2009	< .080	< .020	< .007	< .006	< .01	< .008	< .014	< .016	< .006	< .010

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 12 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	p,p'-DDD, water, unfiltered, recover- able, μg/L (39360)	p,p'-DDE, water, unfiltered, recover- able, μg/L (39365)	p,p'-DDT, water, unfiltered, recover- able, μg/L (39370)	p,p'- Methoxy- chlor, water, unfiltered, recover- able, μg/L (39480)	Pendi- methalin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82683)	Penta- chloro- phenol, water, unfiltered, recover- able, μg/L (39032)	Phorate oxygen analog, water, filtered, recover- able, μg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82664)	Phosmet oxygen analog, water, filtered, recover- able, μg/L (61668)	Phosmet, water, filtered, recover- able, μg/L (61601)
06-19-2009	< .016	< .014	< .010	< .002	< .012	< 1	< .03	< .020	< .05	< .200

403732073573701 Local number K 2582. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 13 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Prometon, water, filtered, recover- able, μg/L (04037)	Prometryn, water, filtered, recover- able, μg/L (04036)	Propyz- amide, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82676)	Simazine, water, filtered, recover- able, μg/L (04035)	Tebu- thiuron, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82670)	Terbufos oxygen sulfone, water, filtered, recover- able, μg/L (61674)	Terbuthyl- azine, water, filtered, recover- able, μg/L (04022)	Toxaphene, water, unfiltered, recover- able, μg/L (39400)	trans-1,3- Dichloro- propene, water, unfiltered, recover- able, μg/L (34699)	Tribuphos, water, filtered, recover- able, μg/L (61610)
06-19-2009	< .01	< .006	< .004	< .010	< .02	< .04	< .01	< 1	< .10	< .035

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 14 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Trifluralin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82661)	PCBs, water, unfiltered, recover- able, μg/L (39516)	1,1,1,2- Tetra- chloro- ethane, water, unfiltered, recover- able, μg/L (77562)	1,1,1-Tri- chloro- ethane, water, unfiltered, recover- able, μg/L (34506)	1,1,2,2- Tetra- chloro- ethane, water, unfiltered, recover- able, μg/L (34516)	1,1,2-Tri- chloro- 1,2,2- trifluoro- ethane, water, unfiltered, recover- able, μg/L (77652)	1,1,2-Tri- chloro- ethane, water, unfiltered, recover- able, μg/L (34511)	1,1-Di- chloro- ethane, water, unfiltered, recover- able, μg/L (34496)	1,1-Di- chloro- ethene, water, unfiltered, recover- able, μg/L (34501)	1,1-Di- chloro- propene, water, unfiltered, recover- able, μg/L (77168)
06-19-2009	< .012	< .1	< .04	< .02	< .10	< .04	< .06	< .04	< .02	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 15 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	1,2,3,4- Tetra- methyl- benzene, water, unfiltered, recover- able, μg/L (49999)	1,2,3,5- Tetra- methyl- benzene, water, unfiltered, recover- able, μg/L (50000)	1,2,3-Tri- chloro- benzene, water, unfiltered, recover- able, μg/L (77613)	1,2,3-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77221)	1,2,4-Tri- chloro- benzene, water, unfiltered, recover- able, μg/L (34551)	1,2,4-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77222)	1,2- Dichloro- benzene, water, unfiltered, recover- able, μg/L (34536)	1,2- Diphenyl- hydrazine, water, unfiltered, recover- able, μg/L (82626)	1,3,5-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77226)	1,3- Dichloro- benzene, water, unfiltered, recover- able, μg/L (34566)
06-19-2009	< .1	< .1	< .1	< .1	< 0.04	< .04	< .02	< 0.30	< .04	< .02

403732073573701 Local number K 2582. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 16 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	2,2-Di-chloro-propane, water, unfiltered, recoverable, μg/L (77170)	2,4-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34611)	2,6-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34626)	2-Chloro-naphthalene, water, unfiltered, recoverable, μg/L (34581)	2-Chloro-phenol, water, unfiltered, recoverable, μg/L (34586)	2-Chloro-toluene, water, unfiltered, recoverable, μg/L (77275)	2-Ethyl-toluene, water, unfiltered, recoverable, μg/L (77220)	2-Nitro-phenol, water, unfiltered, recoverable, μg/L (34591)	3,3'-Dichloro-benzidine, water, unfiltered, recoverable, μg/L (34631)	4-Bromo-phenyl ether, water, unfiltered, recoverable, μg/L (34636)
06-19-2009	< .06	< 0.6	< 0.43	< 0.2	< 0.42	< .02	< .02	< 0.4	< 0.4	< 0.36

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 17 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	4-Chloro-phenyl ether, water, unfiltered, recoverable, μg/L (34641)	4-Chloro-toluene, water, unfiltered, recoverable, μg/L (77277)	4-Iso-propyl-toluene, water, unfiltered, recoverable, μg/L (77356)	9H-Fluorene, water, unfiltered, recoverable, μg/L (34381)	Acenaph-thene, water, unfiltered, recoverable, μg/L (34205)	Acenaph-thylene, water, unfiltered, recoverable, μg/L (34200)	Acetone, water, unfiltered, recoverable, μg/L (81552)	Anthra-cene, water, unfiltered, recoverable, μg/L (34220)	Benzene, water, unfiltered, recoverable, μg/L (34030)	Benzo[a]-anthra-cene, water, unfiltered, recoverable, μg/L (34526)
06-19-2009	< 0.34	< .02	< .06	< 0.33	< 0.28	< 0.30	< 4	< 0.39	< .02	< 0.26

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 18 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Benzo[a]-pyrene, water, unfiltered, recoverable, μg/L (34247)	Benzo[a]-fluor-anthene, water, unfiltered, recoverable, μg/L (34230)	Benzo[ghi]-perylene, water, unfiltered, recoverable, μg/L (34521)	Benzo[k]-fluoran-thene, water, unfiltered, recoverable, μg/L (34242)	Benzyl n-butyl phthalate, water, unfiltered, recoverable, μg/L (34292)	Bis(2-chloro-ethoxy)-methane, water, unfiltered, recoverable, μg/L (34278)	Bis(2-chloroethyl) ether, water, unfiltered, recoverable, μg/L (34273)	Bis(2-chloro-isopropyl) ether, water, unfiltered, recoverable, μg/L (34283)	Bis(2-ethyl-hexyl) phthalate, water, unfiltered, recoverable, μg/L (39100)	Bromo-benzene, water, unfiltered, recoverable, μg/L (81555)
06-19-2009	< 0.33	< 0.40	< 0.4	< 0.4	< 2	< 0.2	< 0.30	< 0.38	< 2	< .02

403732073573701 Local number K 2582. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 19 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Bromo-chloro-methane, water, unfiltered, recoverable, μg/L (77297)	Bromo-dichloro-methane, water, unfiltered, recoverable, μg/L (32101)	Bromo-ethene, water, unfiltered, recoverable, μg/L (50002)	Chloro-benzene, water, unfiltered, recoverable, μg/L (34301)	Chloro-ethane, water, unfiltered, recoverable, μg/L (34311)	Chloro-methane, water, unfiltered, recoverable, μg/L (34418)	Chrysene, water, unfiltered, recoverable, μg/L (34320)	cis-1,2-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (77093)	Dibenzo-[a,h]anthracene, water, unfiltered, recoverable, μg/L (34556)	Dibromo-chloro-methane, water, unfiltered, recoverable, μg/L (32105)
06-19-2009	< .06	.19	< .1	< .02	< .1	< .1	< 0.33	.11	< 0.4	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 20 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Dibromo-methane, water, unfiltered, recoverable, μg/L (30217)	Dichloro-difluoro-methane, water, unfiltered, recoverable, μg/L (34668)	Dichloro-methane, water, unfiltered, recoverable, μg/L (34423)	Diethyl ether, water, unfiltered, recoverable, μg/L (81576)	Diethyl phthalate, water, unfiltered, recoverable, μg/L (34336)	Diisopropyl ether, water, unfiltered, recoverable, μg/L (81577)	Dimethyl phthalate, water, unfiltered, recoverable, μg/L (34341)	Di-n-butyl phthalate, water, unfiltered, recoverable, μg/L (39110)	Di-n-octyl phthalate, water, unfiltered, recoverable, μg/L (34596)	Ethyl methacrylate, water, unfiltered, recoverable, μg/L (73570)
06-19-2009	< .04	< .10	< 0.04	< .1	< 0.61	< .06	< 0.4	< 1	< 0.6	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 21 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Ethyl methyl ketone, water, unfiltered, recoverable, μg/L (81595)	Ethyl-benzene, water, unfiltered, recoverable, μg/L (34371)	Fluoranthene, water, unfiltered, recoverable, μg/L (34376)	Hexa-chloro-butadiene, water, unfiltered, recoverable, μg/L (39702)	Hexa-chloro-cyclopentadiene, water, unfiltered, recoverable, μg/L (34386)	Hexa-chloro-ethane, water, unfiltered, recoverable, μg/L (34396)	Indeno-[1,2,3-cd]-pyrene, water, unfiltered, recoverable, μg/L (34403)	Isobutyl methyl ketone, water, unfiltered, recoverable, μg/L (78133)	Isophorone, water, unfiltered, recoverable, μg/L (34408)	Isopropyl-benzene, water, unfiltered, recoverable, μg/L (77223)
06-19-2009	< 1.6	< .04	< 0.30	< .1	< 0.4	< .1	< 0.4	< .4	< 0.4	< .04

403732073573701 Local number K 2582. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 22 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Methyl acetate, water, unfiltered, recoverable, μg/L (77032)	Methyl acrylate, water, unfiltered, recoverable, μg/L (49991)	Methyl acrylonitrile, water, unfiltered, recoverable, μg/L (81593)	Methyl methacrylate, water, unfiltered, recoverable, μg/L (81597)	Methyl tert-butyl ether, water, unfiltered, recoverable, μg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recoverable, μg/L (50005)	Methylene blue active substances, water, unfiltered, recoverable, mg/L (38260)	m-Xylene plus p-xylene, water, unfiltered, recoverable, μg/L (85795)	Naphthalene, water, unfiltered, recoverable, μg/L (34696)	n-Butyl methyl ketone, water, unfiltered, recoverable, μg/L (77103)
06-19-2009	< .4	< .6	< .2	< .2	< .10	< .06	< .10	< .08	< .2	< .6

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 23 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	n-Butylbenzene, water, unfiltered, recoverable, μg/L (77342)	Nitrobenzene, water, unfiltered, recoverable, μg/L (34447)	N-Nitrosodimethylamine, water, unfiltered, recoverable, μg/L (34438)	N-Nitrosodipropylamine, water, unfiltered, recoverable, μg/L (34428)	N-Nitrosodiphenylamine, water, unfiltered, recoverable, μg/L (34433)	n-Propylbenzene, water, unfiltered, recoverable, μg/L (77224)	o-Xylene, water, unfiltered, recoverable, μg/L (77135)	Phenanthrene, water, unfiltered, recoverable, μg/L (34461)	Phenol, water, unfiltered, recoverable, μg/L (34694)	Pyrene, water, unfiltered, recoverable, μg/L (34469)
06-19-2009	< .1	< 0.2	< 0.2	< 0.4	< 0.4	< .04	< .04	< 0.32	< .4	< 0.35

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 24 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	sec-Butylbenzene, water, unfiltered, recoverable, μg/L (77350)	Styrene, water, unfiltered, recoverable, μg/L (77128)	tert-Amyl alcohol, water, unfiltered, recoverable, μg/L (77073)	tert-Butyl alcohol, water, unfiltered, recoverable, μg/L (77035)	tert-Butyl ethyl ether, water, unfiltered, recoverable, μg/L (50004)	tert-Butylbenzene, water, unfiltered, recoverable, μg/L (77353)	Tetrachloroethene, water, unfiltered, recoverable, μg/L (34475)	Tetrachloromethane, water, unfiltered, recoverable, μg/L (32102)	Tetrahydrofuran, water, unfiltered, recoverable, μg/L (81607)	Toluene, water, unfiltered, recoverable, μg/L (34010)
06-19-2009	< .02	< .04	< .6	< 1.00	< .04	< .06	< .04	E .03	< 1	< .02

403732073573701 Local number K 2582. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 25 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	trans-1,2-Dichloro-ethene, water, unfiltered, recoverable, μg/L (34546)	trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, μg/L (73547)	Tribromo-methane, water, unfiltered, recoverable, μg/L (32104)	Trichloro-ethene, water, unfiltered, recoverable, μg/L (39180)	Trichloro-fluoro-methane, water, unfiltered, recoverable, μg/L (34488)	Trichloro-methane, water, unfiltered, recoverable, μg/L (32106)	Vinyl chloride, water, unfiltered, recoverable, μg/L (39175)
06-19-2009	< .02	< .4	< .10	< .02	< .08	3.34	< .1



Water-Data Report 2009

403737073564908 Local number K 3254. 1

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

LOCATION.--Lat 40°37'37", long 73°56'49" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202, at east side of East 31st Street, 46 ft south of Avenue J, Flatbush.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 29 ft. Upper casing diameter 2 in; top of first opening 26 ft, bottom of last opening 29 ft.

DATUM.--Land-surface datum is 26.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.09 ft below land-surface datum.

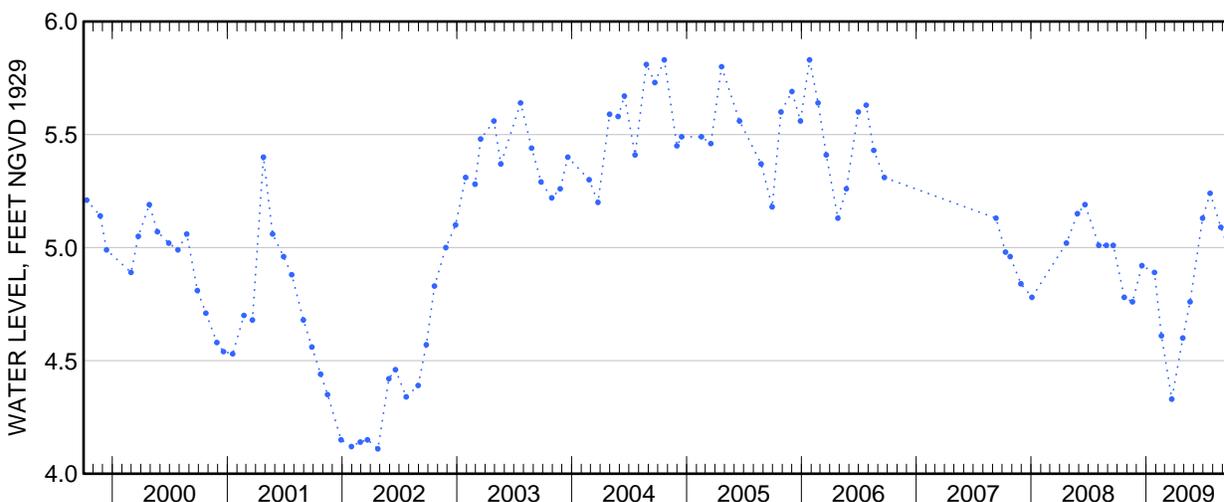
PERIOD OF RECORD.--April 1980 to October 1985, May 1988 to September 2006, and September 2007 to current year.

GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.91 ft above sea level, June 27, 1984; lowest measured, 4.11 ft above sea level, April 24, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 23	4.78	Apr 27	4.60
Nov 18	4.76	May 20	4.76
Dec 18	4.92	Jun 29	5.13
Jan 27	4.89	Jul 23	5.24
Feb 18	4.61	Aug 26	5.09
Mar 23	4.33	Sep 15	5.01





Water-Data Report 2009

403737074011701 Local number K 3275. 1

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

LOCATION.--Lat 40°37'37", long 74°01'17" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202, at east side of 6th Avenue, 19 ft south of 76th Street, Bay Ridge.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 76 ft. Upper casing diameter 2 in; top of first opening 73 ft, bottom of last opening 76 ft.

DATUM.--Land-surface datum is 67.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.05 ft below land-surface datum.

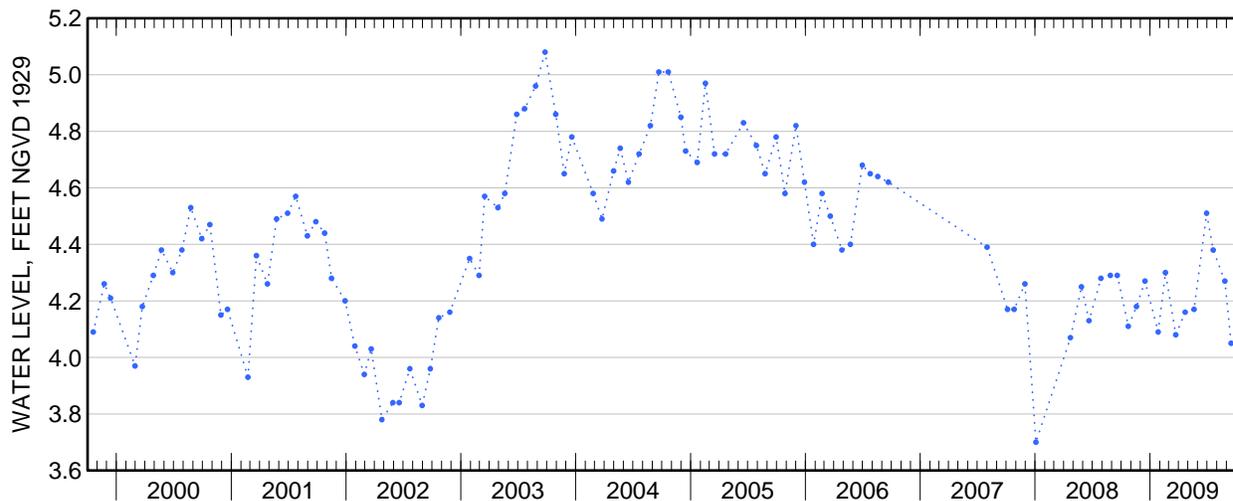
PERIOD OF RECORD.--June 1981 to October 1985, June 1988 to September 2006, and August 2007 to current year. Unpublished records for June 1981 to September 1982 are available in files of the U.S. Geological Survey.

GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.65 ft above sea level, January 5, 1984; lowest measured, 3.20 ft above sea level, April 28, 1989.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 23	4.11	Apr 22	4.16
Nov 18	4.18	May 20	4.17
Dec 15	4.27	Jun 29	4.51
Jan 26	4.09	Jul 20	4.38
Feb 18	4.30	Aug 26	4.27
Mar 23	4.08	Sep 15	4.05





Water-Data Report 2009

403755073565201 Local number K 3216. 1

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

LOCATION.--Lat 40°37'55", long 73°56'52" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 75 ft. Upper casing diameter 24 in; top of first opening 28 ft, bottom of last opening 51 ft.

DATUM.--Land-surface datum is 4 ft above National Geodetic Vertical Datum of 1929.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Dissolved solids dried at 180 °C, water, filtered, mg/L (70300)	Calcium, water, unfiltered, recoverable, mg/L (00916)	Magnesium, water, unfiltered, recoverable, mg/L (00927)	Potassium, water, unfiltered, recoverable, mg/L (00937)
06-17-2009	1130	7.5	7.3	1,180	16.2	.2	726	69.7	38.2	2.77

403755073565201 Local number K 3216. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sodium, water, unfiltered, recoverable, mg/L (00929)	ANC, water, unfiltered, fixed endpoint titration, mg/L as CaCO ₃ (90410)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Orthophosphate, water, filtered, mg/L as P (00671)
06-17-2009	86.7	105	246	E .05	26.7	65.5	.061	7.02	E .002	.021

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Barium, water, unfiltered, recoverable, μg/L (01007)	Cadmium, water, unfiltered, recoverable, μg/L (01027)	Chromium, water, unfiltered, recoverable, μg/L (01034)	Copper, water, unfiltered, recoverable, μg/L (01042)	Iron, water, filtered, μg/L (01046)	Iron, water, unfiltered, recoverable, μg/L (01045)	Lead, water, unfiltered, recoverable, μg/L (01051)	Manganese, water, filtered, μg/L (01056)	Manganese, water, unfiltered, recoverable, μg/L (01055)	Mercury, water, unfiltered, recoverable, μg/L (71900)
06-17-2009	106	< .06	.85	< 4.0	6	21	.43	.4	19.6	< .010

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 4 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Silver, water, unfiltered, recoverable, μg/L (01077)	Zinc, water, unfiltered, recoverable, μg/L (01092)	Arsenic, water, unfiltered, μg/L (01002)	Selenium, water, unfiltered, μg/L (01147)	1,2,3-Trichloropropane, water, unfiltered, recoverable, μg/L (77443)	1,2-Dibromo-3-chloropropane, water, unfiltered, recoverable, μg/L (82625)	1,2-Dibromoethane, water, unfiltered, recoverable, μg/L (77651)	1,2-Dichloroethane, water, unfiltered, recoverable, μg/L (32103)	1,2-Dichloropropane, water, unfiltered, recoverable, μg/L (34541)	1,3-Dichloropropane, water, unfiltered, recoverable, μg/L (77173)
06-17-2009	< .06	14.9	E .14	.78	< .12	< 1.0	< .04	< .1	< .02	< .1

403755073565201 Local number K 3216. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 5 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	1,4-Dichlorobenzene, water, unfiltered, recoverable, μg/L (34571)	1-Naphthol, water, glass fiber filter), recoverable, μg/L (49295)	2,4,6-Trichlorophenol, water, unfiltered, recoverable, μg/L (34621)	2,4-Dichlorophenol, water, unfiltered, recoverable, μg/L (34601)	2,4-Dimethylphenol, water, unfiltered, recoverable, μg/L (34606)	2,6-Diethylaniline, water, glass fiber filter), recoverable, μg/L (82660)	2-Chloro-2',6'-diethylacetanilide, water, filtered, recoverable, μg/L (61618)	2-Chloro-4-isopropylamino-6-triazine, water, filtered, recoverable, μg/L (04040)	2-Ethyl-6-methylaniline, water, filtered, recoverable, μg/L (61620)	3,4-Dichloroaniline, water, filtered, recoverable, μg/L (61625)
06-17-2009	< .02	< .04	< 0.6	< 0.39	< .8	< .006	< .010	E .008	< .010	< .004

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 6 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	3-Chloropropene, water, unfiltered, recoverable, μg/L (78109)	4-Chloro-2-methylphenol, water, filtered, recoverable, μg/L (61633)	4-Chloro-3-methylphenol, water, filtered, recoverable, μg/L (34452)	4-Nitrophenol, water, unfiltered, recoverable, μg/L (34646)	Acetochlor, water, filtered, recoverable, μg/L (49260)	Acrylonitrile, water, unfiltered, recoverable, μg/L (34215)	Alachlor, water, filtered, recoverable, μg/L (46342)	Aldrin, water, unfiltered, recoverable, μg/L (39330)	alpha-Endosulfan, water, unfiltered, recoverable, μg/L (39388)	Atrazine, water, filtered, recoverable, μg/L (39632)
06-17-2009	< .08	< .005	< 0.55	< 0.51	< .010	< 0.4	< .008	< .01	< .01	E .007

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 7 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Azinphosmethyl, water, oxygen analog, water, filtered, recoverable, μg/L (61635)	Azinphosmethyl, water, glass fiber filter), recoverable, μg/L (82686)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82673)	Bromo-methane, water, unfiltered, recoverable, μg/L (34413)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82680)	Carbon disulfide, water, unfiltered, recoverable, μg/L (77041)	Chlordane (technical), water, unfiltered, recoverable, μg/L (39350)	Chlorpyrifos oxygen analog, water, filtered, recoverable, μg/L (61636)	Chlorpyrifos, water, filtered, recoverable, μg/L (38933)
06-17-2009	< .04	< .120	< .014	< .4	< .200	< .04	< .1	< .05	< .010

403755073565201 Local number K 3216. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 8 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	cis-1,3-Dichloropropene, water, unfiltered, recoverable, μg/L (34704)	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)	Dichlorvos, water, filtered, recoverable, μg/L (38775)	Dicrotophos, water, filtered, recoverable, μg/L (38454)
06-17-2009	< .10	< .014	< .016	< .020	< .006	< .029	< .012	< .005	< .02	< .08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 9 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Dieldrin, water, filtered, recoverable, μg/L (39381)	Dieldrin, water, unfiltered, recoverable, μg/L (39380)	Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82662)	Endrin, water, unfiltered, recoverable, μg/L (39390)	Ethion monoxon, water, filtered, recoverable, μg/L (61644)	Ethion, water, filtered, recoverable, μg/L (82346)	Fenamiphos sulfone, water, filtered, recoverable, μg/L (61645)	Fenamiphos sulfoxide, water, filtered, recoverable, μg/L (61646)	Fenamiphos, water, filtered, recoverable, μg/L (61591)	Fipronil sulfide, water, filtered, recoverable, μg/L (62167)
06-17-2009	< .009	< .008	< .006	< .01	< .02	< .012	< .053	< .08	< .03	< .013

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 10 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Fipronil, water, filtered, recoverable, μg/L (62166)	Fonofos, water, filtered, recoverable, μg/L (04095)	Heptachlor epoxide, water, unfiltered, recoverable, μg/L (39420)	Heptachlor, water, unfiltered, recoverable, μg/L (39410)	Hexachlorobenzene, water, unfiltered, recoverable, μg/L (39700)	Hexazinone, water, filtered, recoverable, μg/L (04025)	Iodomethane, water, unfiltered, recoverable, μg/L (77424)	Iprodione, water, filtered, recoverable, μg/L (61593)	Isofenphos, water, filtered, recoverable, μg/L (61594)	Lindane, water, unfiltered, recoverable, μg/L (39340)
06-17-2009	< .040	< .010	< .009	< .01	< 0.30	.009	< .80	< .014	< .006	< .014

403755073565201 Local number K 3216. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 11 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Malaoxon, water, filtered, recover- able, μg/L (61652)	Malathion, water, filtered, recover- able, μg/L (39532)	Metalaxyl, water, filtered, recover- able, μg/L (61596)	Methida- thion, water, filtered, recover- able, μg/L (61598)	Methyl paraoxon, water, filtered, recover- able, μg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82667)	Metola- chlor, water, filtered, recover- able, μg/L (39415)	Metribuzin, water, filtered, recover- able, μg/L (82630)	Mirex, water, unfiltered, recover- able, μg/L (39755)	Myclo- butanil, water, filtered, recover- able, μg/L (61599)
06-17-2009	< .080	< .020	< .007	< .006	< .01	< .008	< .014	< .016	< .006	< .010

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 12 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	p,p'-DDD, water, unfiltered, recover- able, μg/L (39360)	p,p'-DDE, water, unfiltered, recover- able, μg/L (39365)	p,p'-DDT, water, unfiltered, recover- able, μg/L (39370)	p,p'- Methoxy- chlor, water, unfiltered, recover- able, μg/L (39480)	Pendi- methalin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82683)	Penta- chloro- phenol, water, unfiltered, recover- able, μg/L (39032)	Phorate oxygen analog, water, filtered, recover- able, μg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82664)	Phosmet oxygen analog, water, filtered, recover- able, μg/L (61668)	Phosmet, water, filtered, recover- able, μg/L (61601)
06-17-2009	< .016	< .014	< .010	< .002	< .012	< 1	< .03	< .020	< .05	< .200

403755073565201 Local number K 3216. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 13 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Prometon, water, filtered, recover- able, μg/L (04037)	Prometryn, water, filtered, recover- able, μg/L (04036)	Propyz- amide, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82676)	Simazine, water, filtered, recover- able, μg/L (04035)	Tebu- thiuron, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82670)	Terbufos oxygen analog sulfone, water, filtered, recover- able, μg/L (61674)	Terbuthyl- azine, water, filtered, recover- able, μg/L (04022)	Toxaphene, water, unfiltered, recover- able, μg/L (39400)	trans-1,3- Dichloro- propene, water, unfiltered, recover- able, μg/L (34699)	Tribuphos, water, filtered, recover- able, μg/L (61610)
06-17-2009	< .01	< .006	< .004	< .010	.05	< .04	< .01	< 1	< .10	< .035

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 14 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Trifluralin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82661)	PCBs, water, unfiltered, recover- able, μg/L (39516)	1,1,1,2- Tetra- chloro- ethane, water, unfiltered, recover- able, μg/L (77562)	1,1,1-Tri- chloro- ethane, water, unfiltered, recover- able, μg/L (34506)	1,1,2,2- Tetra- chloro- ethane, water, unfiltered, recover- able, μg/L (34516)	1,1,2-Tri- chloro- 1,2,2- trifluoro- ethane, water, unfiltered, recover- able, μg/L (77652)	1,1,2-Tri- chloro- ethane, water, unfiltered, recover- able, μg/L (34511)	1,1-Di- chloro- ethane, water, unfiltered, recover- able, μg/L (34496)	1,1-Di- chloro- ethene, water, unfiltered, recover- able, μg/L (34501)	1,1-Di- chloro- propene, water, unfiltered, recover- able, μg/L (77168)
06-17-2009	< .012	< .1	< .04	< .02	< .10	< .04	< .06	< .04	< .02	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 15 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	1,2,3,4- Tetra- methyl- benzene, water, unfiltered, recover- able, μg/L (49999)	1,2,3,5- Tetra- methyl- benzene, water, unfiltered, recover- able, μg/L (50000)	1,2,3-Tri- chloro- benzene, water, unfiltered, recover- able, μg/L (77613)	1,2,3-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77221)	1,2,4-Tri- chloro- benzene, water, unfiltered, recover- able, μg/L (34551)	1,2,4-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77222)	1,2- Dichloro- benzene, water, unfiltered, recover- able, μg/L (34536)	1,2- Diphenyl- hydrazine, water, unfiltered, recover- able, μg/L (82626)	1,3,5-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77226)	1,3- Dichloro- benzene, water, unfiltered, recover- able, μg/L (34566)
06-17-2009	< .1	< .1	< .1	< .1	< 0.04	< .04	< .02	< 0.30	< .04	< .02

403755073565201 Local number K 3216. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 16 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	2,2-Di-chloro-propane, water, unfiltered, recoverable, μg/L (77170)	2,4-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34611)	2,6-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34626)	2-Chloro-naphthalene, water, unfiltered, recoverable, μg/L (34581)	2-Chloro-phenol, water, unfiltered, recoverable, μg/L (34586)	2-Chloro-toluene, water, unfiltered, recoverable, μg/L (77275)	2-Ethyl-toluene, water, unfiltered, recoverable, μg/L (77220)	2-Nitro-phenol, water, unfiltered, recoverable, μg/L (34591)	3,3'-Dichloro-benzidine, water, unfiltered, recoverable, μg/L (34631)	4-Bromo-phenyl ether, water, unfiltered, recoverable, μg/L (34636)
06-17-2009	< .06	< 0.6	< 0.43	< 0.2	< 0.42	< .02	< .02	< 0.4	< 0.4	< 0.36

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 17 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	4-Chloro-phenyl ether, water, unfiltered, recoverable, μg/L (34641)	4-Chloro-toluene, water, unfiltered, recoverable, μg/L (77277)	4-Iso-propyl-toluene, water, unfiltered, recoverable, μg/L (77356)	9H-Fluorene, water, unfiltered, recoverable, μg/L (34381)	Acenaph-thene, water, unfiltered, recoverable, μg/L (34205)	Acenaph-thylene, water, unfiltered, recoverable, μg/L (34200)	Acetone, water, unfiltered, recoverable, μg/L (81552)	Anthra-cene, water, unfiltered, recoverable, μg/L (34220)	Benzene, water, unfiltered, recoverable, μg/L (34030)	Benzo[a]-anthra-cene, water, unfiltered, recoverable, μg/L (34526)
06-17-2009	< 0.34	< .02	< .06	< 0.33	< 0.28	< 0.30	< 4	M	< .02	< 0.26

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 18 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Benzo[a]-pyrene, water, unfiltered, recoverable, μg/L (34247)	Benzo[a]-fluor-anthene, water, unfiltered, recoverable, μg/L (34230)	Benzo[ghi]-perylene, water, unfiltered, recoverable, μg/L (34521)	Benzo[k]-fluoran-thene, water, unfiltered, recoverable, μg/L (34242)	Benzyl n-butyl phthalate, water, unfiltered, recoverable, μg/L (34292)	Bis(2-chloro-ethoxy)-methane, water, unfiltered, recoverable, μg/L (34278)	Bis(2-chloroethyl) ether, water, unfiltered, recoverable, μg/L (34273)	Bis(2-chloro-isopropyl) ether, water, unfiltered, recoverable, μg/L (34283)	Bis(2-ethyl-hexyl) phthalate, water, unfiltered, recoverable, μg/L (39100)	Bromo-benzene, water, unfiltered, recoverable, μg/L (81555)
06-17-2009	< 0.33	< 0.40	< 0.4	< 0.4	< 2	< 0.2	< 0.30	< 0.38	< 2	< .02

403755073565201 Local number K 3216. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 19 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Bromo-chloro-methane, water, unfiltered, recoverable, μg/L (77297)	Bromo-dichloro-methane, water, unfiltered, recoverable, μg/L (32101)	Bromo-ethene, water, unfiltered, recoverable, μg/L (50002)	Chloro-benzene, water, unfiltered, recoverable, μg/L (34301)	Chloro-ethane, water, unfiltered, recoverable, μg/L (34311)	Chloro-methane, water, unfiltered, recoverable, μg/L (34418)	Chrysene, water, unfiltered, recoverable, μg/L (34320)	cis-1,2-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (77093)	Dibenzo-[a,h]anthracene, water, unfiltered, recoverable, μg/L (34556)	Dibromo-chloro-methane, water, unfiltered, recoverable, μg/L (32105)
06-17-2009	< .06	< .04	< .1	< .02	< .1	< .1	< 0.33	.15	< 0.4	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 20 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Dibromo-methane, water, unfiltered, recoverable, μg/L (30217)	Dichloro-difluoro-methane, water, unfiltered, recoverable, μg/L (34668)	Dichloro-methane, water, unfiltered, recoverable, μg/L (34423)	Diethyl ether, water, unfiltered, recoverable, μg/L (81576)	Diethyl phthalate, water, unfiltered, recoverable, μg/L (34336)	Diisopropyl ether, water, unfiltered, recoverable, μg/L (81577)	Dimethyl phthalate, water, unfiltered, recoverable, μg/L (34341)	Di-n-butyl phthalate, water, unfiltered, recoverable, μg/L (39110)	Di-n-octyl phthalate, water, unfiltered, recoverable, μg/L (34596)	Ethyl methacrylate, water, unfiltered, recoverable, μg/L (73570)
06-17-2009	< .04	< .10	< 0.04	< .1	< 0.61	< .06	< 0.4	< 1	< 0.6	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 21 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Ethyl methyl ketone, water, unfiltered, recoverable, μg/L (81595)	Ethyl-benzene, water, unfiltered, recoverable, μg/L (34371)	Fluoranthene, water, unfiltered, recoverable, μg/L (34376)	Hexa-chloro-butadiene, water, unfiltered, recoverable, μg/L (39702)	Hexa-chloro-cyclopentadiene, water, unfiltered, recoverable, μg/L (34386)	Hexa-chloro-ethane, water, unfiltered, recoverable, μg/L (34396)	Indeno-[1,2,3-cd]-pyrene, water, unfiltered, recoverable, μg/L (34403)	Isobutyl methyl ketone, water, unfiltered, recoverable, μg/L (78133)	Isophorone, water, unfiltered, recoverable, μg/L (34408)	Isopropyl-benzene, water, unfiltered, recoverable, μg/L (77223)
06-17-2009	< 1.6	< .04	< 0.30	< .1	< 0.4	< .1	< 0.4	< .4	< 0.4	< .04

403755073565201 Local number K 3216. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 22 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Methyl acetate, water, unfiltered, recoverable, μg/L (77032)	Methyl acrylate, water, unfiltered, recoverable, μg/L (49991)	Methyl acrylonitrile, water, unfiltered, recoverable, μg/L (81593)	Methyl methacrylate, water, unfiltered, recoverable, μg/L (81597)	Methyl tert-butyl ether, water, unfiltered, recoverable, μg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recoverable, μg/L (50005)	Methylene blue active substances, water, unfiltered, recoverable, mg/L (38260)	m-Xylene plus p-xylene, water, unfiltered, recoverable, μg/L (85795)	Naphthalene, water, unfiltered, recoverable, μg/L (34696)	n-Butyl methyl ketone, water, unfiltered, recoverable, μg/L (77103)
06-17-2009	< .4	< .6	< .2	< .2	46.4	2.65	< .10	< .08	< .2	< .6

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 23 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	n-Butylbenzene, water, unfiltered, recoverable, μg/L (77342)	Nitrobenzene, water, unfiltered, recoverable, μg/L (34447)	N-Nitrosodimethylamine, water, unfiltered, recoverable, μg/L (34438)	N-Nitrosodipropylamine, water, unfiltered, recoverable, μg/L (34428)	N-Nitrosodiphenylamine, water, unfiltered, recoverable, μg/L (34433)	n-Propylbenzene, water, unfiltered, recoverable, μg/L (77224)	o-Xylene, water, unfiltered, recoverable, μg/L (77135)	Phenanthrene, water, unfiltered, recoverable, μg/L (34461)	Phenol, water, unfiltered, recoverable, μg/L (34694)	Pyrene, water, unfiltered, recoverable, μg/L (34469)
06-17-2009	< .1	< 0.2	< 0.2	< 0.4	< 0.4	< .04	< .04	< 0.32	< .4	< 0.35

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 24 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	sec-Butylbenzene, water, unfiltered, recoverable, μg/L (77350)	Styrene, water, unfiltered, recoverable, μg/L (77128)	tert-Amyl alcohol, water, unfiltered, recoverable, μg/L (77073)	tert-Butyl alcohol, water, unfiltered, recoverable, μg/L (77035)	tert-Butyl ethyl ether, water, unfiltered, recoverable, μg/L (50004)	tert-Butylbenzene, water, unfiltered, recoverable, μg/L (77353)	Tetra-chloro-ethene, water, unfiltered, recoverable, μg/L (34475)	Tetra-chloro-methane, water, unfiltered, recoverable, μg/L (32102)	Tetrahydro-furan, water, unfiltered, recoverable, μg/L (81607)	Toluene, water, unfiltered, recoverable, μg/L (34010)
06-17-2009	E .02	< .04	< .6	< 1.00	< .04	< .06	5.22	.15	< 1	< .02

403755073565201 Local number K 3216. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	trans-1,2-Dichloro-ethene, water, unfiltered, recoverable, μg/L (34546)	trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, μg/L (73547)	Tribromo-methane, water, unfiltered, recoverable, μg/L (32104)	Trichloro-ethene, water, unfiltered, recoverable, μg/L (39180)	Trichloro-fluoro-methane, water, unfiltered, recoverable, μg/L (34488)	Trichloro-methane, water, unfiltered, recoverable, μg/L (32106)	Vinyl chloride, water, unfiltered, recoverable, μg/L (39175)
06-17-2009	< .02	< .4	< .10	.13	< .08	.67	< .1



Water-Data Report 2009

403815073580001 Local number K 3273. 2

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

LOCATION.--Lat 40°38'15", long 73°58'00" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202, at south side of Dorchester Road, just west of Westminster Road, Flatbush.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 45 ft. Upper casing diameter 2 in; top of first opening 35 ft, bottom of last opening 40 ft.

DATUM.--Land-surface datum is 33 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.62 ft below land-surface datum.

PERIOD OF RECORD.--August 2007 to current year.

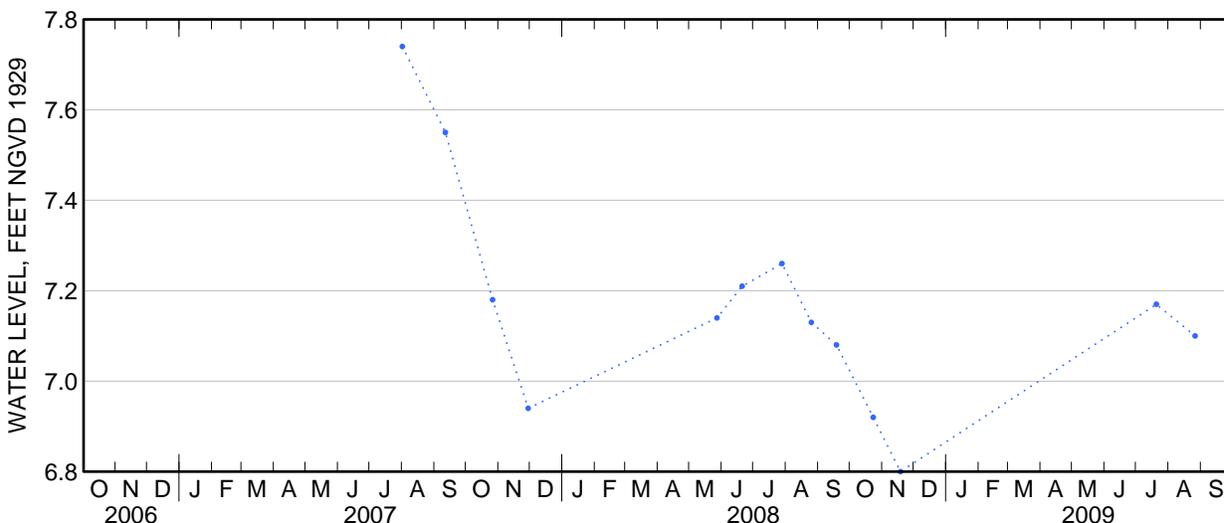
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well K3273.1 in June 2005 near same location, which has a period of record from June 1981 to October 1985 and May 1988 to July 2005.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measure, 7.74 ft above sea level, August 1, 2007; lowest measured, 6.80 ft above sea level, November 18, 2008.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 23	6.92	Jul 20	7.17
Nov 18	6.80	Aug 26	7.10



WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Depth to water level, ft below land surface (72019)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Dissolved solids dried at 180 °C, water, filtered, mg/L (70300)	Calcium, water, unfiltered, recoverable, mg/L (00916)	Magnesium, water, unfiltered, recoverable, mg/L (00927)
09-18-2009	0935	24.14	6.2	6.7	693	16.9	.6	400	25.9	31.8

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Potassium, water, unfiltered, recoverable, mg/L (00937)	Sodium, water, unfiltered, recoverable, mg/L (00929)	ANC, water, unfiltered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as CaCO ₃ (90410)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)
09-18-2009	2.73	54.4	118	103	E .07	36.5	33.3	< .020	9.15	< .002

403815073580001 Local number K 3273. 2—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Orthophosphate, water, filtered, mg/L as P (00671)	Barium, water, unfiltered, recoverable, μg/L (01007)	Cadmium, water, unfiltered, μg/L (01027)	Chromium, water, unfiltered, recoverable, μg/L (01034)	Copper, water, unfiltered, recoverable, μg/L (01042)	Iron, water, unfiltered, recoverable, μg/L (01046)	Iron, water, unfiltered, recoverable, μg/L (01045)	Lead, water, unfiltered, recoverable, μg/L (01051)	Manganese, water, filtered, μg/L (01056)	Manganese, water, unfiltered, recoverable, μg/L (01055)
09-18-2009	.022	54.0	< .06	.92	< 4.0	E 4	107	.35	.9	13.7

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 4 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Mercury, water, unfiltered, recoverable, μg/L (71900)	Silver, water, unfiltered, recoverable, μg/L (01077)	Zinc, water, unfiltered, recoverable, μg/L (01092)	Arsenic, water, unfiltered, μg/L (01002)	Selenium, water, unfiltered, μg/L (01147)	1,2,3-Trichloropropane, water, unfiltered, recoverable, μg/L (77443)	1,2-Dibromo-3-chloropropane, water, unfiltered, recoverable, μg/L (82625)	1,2-Dibromoethane, water, unfiltered, recoverable, μg/L (77651)	1,2-Dichloroethane, water, unfiltered, recoverable, μg/L (32103)	1,2-Dichloropropane, water, unfiltered, recoverable, μg/L (34541)
09-18-2009	< .010	< .06	E 1.3	.99	1.8	< .12	< 1.0	< .04	< .1	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 5 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	1,3-Dichloropropane, water, unfiltered, recoverable, μg/L (77173)	1,4-Dichlorobenzene, water, unfiltered, recoverable, μg/L (34571)	1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49295)	2,4,6-Trichlorophenol, water, unfiltered, recoverable, μg/L (34621)	2,4-Dichlorophenol, water, unfiltered, recoverable, μg/L (34601)	2,4-Dimethylphenol, water, unfiltered, recoverable, μg/L (34606)	2,6-Diethylaniline, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82660)	2-Chloro-2',6'-diethylacetanilide, water, filtered, recoverable, μg/L (61618)	2-Chloro-4-isopropylamino-6-amino-s-triazine, water, filtered, recoverable, μg/L (04040)	2-Ethyl-6-methylaniline, water, filtered, recoverable, μg/L (61620)
09-18-2009	< .1	< .02	< .04	< 0.6	< 0.39	< .8	< .006	< .010	E .003	< .010

403815073580001 Local number K 3273. 2—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 6 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	2-Methyl-4,6-dinitrophenol, water, unfiltered, recoverable, μg/L (34657)	3,4-Dichloroaniline, water, filtered, recoverable, μg/L (61625)	3-Chloropropene, water, unfiltered, recoverable, μg/L (78109)	4-Chloro-2-methylphenol, water, filtered, recoverable, μg/L (61633)	4-Chloro-3-methylphenol, water, filtered, recoverable, μg/L (34452)	4-Nitrophenol, water, unfiltered, recoverable, μg/L (34646)	Acetochlor, water, filtered, recoverable, μg/L (49260)	Acrylonitrile, water, unfiltered, recoverable, μg/L (34215)	Alachlor, water, filtered, recoverable, μg/L (46342)	Aldrin, water, unfiltered, recoverable, μg/L (39330)
09-18-2009	< 0.77	< .004	< .08	< .005	< 0.55	< 0.51	< .010	< 0.4	< .008	< .01

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 7 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	alpha-Endosulfan, water, unfiltered, recoverable, μg/L (39388)	Atrazine, water, filtered, recoverable, μg/L (39632)	Azinphosmethyl oxygen analog, water, filtered, recoverable, μg/L (61635)	Azinphosmethyl, 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)	Bromomethane, water, unfiltered, recoverable, μg/L (34413)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82680)	Carbon disulfide, water, unfiltered, recoverable, μg/L (77041)	Chlordane (technical), water, unfiltered, recoverable, μg/L (39350)
09-18-2009	< .01	< .007	< .04	< .120	< .014	< .4	< .200	< .04	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 8 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Chlorpyrifos oxygen analog, water, filtered, recoverable, μg/L (61636)	Chlorpyrifos, water, filtered, recoverable, μg/L (38933)	cis-1,3-Dichloropropene, water, unfiltered, recoverable, μg/L (34704)	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)	Desulfinylfipronil amide, water, filtered, recoverable, μg/L (62169)	Desulfinylfipronil, water, filtered, recoverable, μg/L (62170)	Diazinon, water, filtered, recoverable, μg/L (39572)
09-18-2009	< .05	< .010	< .10	< .014	< .016	< .020	< .006	< .029	< .012	< .005

403815073580001 Local number K 3273. 2—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 9 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Dichlorvos, water, filtered, recover- able, μg/L (38775)	Dicroto- phos, water, filtered, recover- able, μg/L (38454)	Dieldrin, water, filtered, recover- able, μg/L (39381)	Dieldrin, water, unfiltered, recover- able, μg/L (39380)	Dimetho- ate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82662)	Endrin, water, unfiltered, recover- able, μg/L (39390)	Ethion monoxon, water, filtered, recover- able, μg/L (61644)	Ethion, water, filtered, recover- able, μg/L (82346)	Fenami- phos sulfone, water, filtered, recover- able, μg/L (61645)	Fenami- phos sulfoxide, water, filtered, recover- able, μg/L (61646)
09-18-2009	< .02	< .08	< .009	< .008	< .006	< .01	< .02	< .012	< .053	< .08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 10 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Fenami- phos, water, filtered, recover- able, μg/L (61591)	Fipronil sulfide, water, filtered, recover- able, μg/L (62167)	Fipronil, water, filtered, recover- able, μg/L (62166)	Fonofos, water, filtered, recover- able, μg/L (04095)	Heptachlor epoxide, water, unfiltered, recover- able, μg/L (39420)	Heptachlor, water, unfiltered, recover- able, μg/L (39410)	Hexa- chloro- benzene, water, unfiltered, recover- able, μg/L (39700)	Hexa- zinone, water, filtered, recover- able, μg/L (04025)	Iodo- methane, water, unfiltered, recover- able, μg/L (77424)	Iprodione, water, filtered, recover- able, μg/L (61593)
09-18-2009	< .03	< .013	< .040	< .010	< .009	< .01	< 0.30	< .008	< .80	< .014

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 11 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Isofenphos, water, filtered, recover- able, μg/L (61594)	Lindane, water, unfiltered, recover- able, μg/L (39340)	Malaoxon, water, filtered, recover- able, μg/L (61652)	Malathion, water, filtered, recover- able, μg/L (39532)	Metalaxyl, water, filtered, recover- able, μg/L (61596)	Methida- thion, water, filtered, recover- able, μg/L (61598)	Methyl paraoxon, water, filtered, recover- able, μg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82667)	Metola- chlor, water, filtered, recover- able, μg/L (39415)	Metribuzin, water, filtered, recover- able, μg/L (82630)
09-18-2009	< .006	< .014	< .080	< .020	< .007	< .006	< .01	< .008	< .014	< .016

403815073580001 Local number K 3273. 2—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 12 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Mirex, water, unfiltered, recover- able, μg/L (39755)	Myclo- butanil, water, filtered, recover- able, μg/L (61599)	p,p'-DDD, water, unfiltered, recover- able, μg/L (39360)	p,p'-DDE, water, unfiltered, recover- able, μg/L (39365)	p,p'-DDT, water, unfiltered, recover- able, μg/L (39370)	p,p'- Methoxy- chlor, water, unfiltered, recover- able, μg/L (39480)	Pendi- methalin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82683)	Penta- chloro- phenol, water, unfiltered, recover- able, μg/L (39032)	Phorate oxygen analog, water, filtered, recover- able, μg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82664)
09-18-2009	< .006	< .010	< .016	< .014	< .010	< .002	< .012	< 1	< .03	< .020

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 13 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Phosmet oxygen analog, water, filtered, recover- able, μg/L (61668)	Phosmet, water, filtered, recover- able, μg/L (61601)	Prometon, water, filtered, recover- able, μg/L (04037)	Prometryn, water, filtered, recover- able, μg/L (04036)	Propyz- amide, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82676)	Simazine, water, filtered, recover- able, μg/L (04035)	Tebu- thiuron, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82670)	Terbufos oxygen analog sulfone, water, filtered, recover- able, μg/L (61674)	Terbuthyl- azine, water, filtered, recover- able, μg/L (04022)	Toxaphene, water, unfiltered, recover- able, μg/L (39400)
09-18-2009	< .05	< .200	< .01	< .006	< .004	< .010	< .02	< .04	< .01	< 1

403815073580001 Local number K 3273. 2—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 14 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	trans-1,3-Dichloropropene, water, unfiltered, recoverable, μg/L (34699)	Tribuphos, water, filtered, recoverable, μg/L (61610)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82661)	PCBs, water, unfiltered, recoverable, μg/L (39516)	1,1,1,2-Tetrachloroethane, water, unfiltered, recoverable, μg/L (77562)	1,1,1-Tri-chloro-ethane, water, unfiltered, recoverable, μg/L (34506)	1,1,2,2-Tetra-chloro-ethane, water, unfiltered, recoverable, μg/L (34516)	1,1,2-Tri-chloro-1,2,2-trifluoro-ethane, water, unfiltered, recoverable, μg/L (77652)	1,1,2-Tri-chloro-ethane, water, unfiltered, recoverable, μg/L (34511)	1,1-Di-chloro-ethane, water, unfiltered, recoverable, μg/L (34496)
09-18-2009	< .10	< .035	< .012	< .1	E .02	< .02	< .10	< .04	< .06	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 15 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	1,1-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (34501)	1,1-Di-chloro-propene, water, unfiltered, recoverable, μg/L (77168)	1,2,3,4-Tetra-methyl-benzene, water, unfiltered, recoverable, μg/L (49999)	1,2,3,5-Tetra-methyl-benzene, water, unfiltered, recoverable, μg/L (50000)	1,2,3-Tri-chloro-benzene, water, unfiltered, recoverable, μg/L (77613)	1,2,3-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77221)	1,2,4-Tri-chloro-benzene, water, unfiltered, recoverable, μg/L (34551)	1,2,4-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77222)	1,2-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34536)	1,2-Diphenyl-hydrazine, water, unfiltered, recoverable, μg/L (82626)
09-18-2009	< .02	< .04	< .1	< .1	< .1	< .1	< 0.04	< .04	< .02	< 0.30

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 16 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	1,3,5-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77226)	1,3-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34566)	2,2-Di-chloro-propane, water, unfiltered, recoverable, μg/L (77170)	2,4-Dinitro-phenol, water, unfiltered, recoverable, μg/L (34616)	2,4-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34611)	2,6-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34626)	2-Chloro-naphthalene, water, unfiltered, recoverable, μg/L (34581)	2-Chloro-phenol, water, unfiltered, recoverable, μg/L (34586)	2-Chloro-toluene, water, unfiltered, recoverable, μg/L (77275)	2-Ethyl-toluene, water, unfiltered, recoverable, μg/L (77220)
09-18-2009	< .04	< .02	< .06	< 1	< 0.6	< 0.43	< 0.2	< 0.42	< .02	< .02

403815073580001 Local number K 3273. 2—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 17 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	2-Nitrophenol, water, unfiltered, recoverable, μg/L (34591)	3,3'-Dichlorobenzidine, water, unfiltered, recoverable, μg/L (34631)	4-Bromophenyl ether, water, unfiltered, recoverable, μg/L (34636)	4-Chlorophenyl ether, water, unfiltered, recoverable, μg/L (34641)	4-Chlorotoluene, water, unfiltered, recoverable, μg/L (77277)	4-Iso-propyltoluene, water, unfiltered, recoverable, μg/L (77356)	9H-Fluorene, water, unfiltered, recoverable, μg/L (34381)	Acenaphthene, water, unfiltered, recoverable, μg/L (34205)	Acenaphthylene, water, unfiltered, recoverable, μg/L (34200)	Acetone, water, unfiltered, recoverable, μg/L (81552)
09-18-2009	< 0.4	< 0.4	< 0.36	< 0.34	< .02	< .06	< 0.33	< 0.28	< 0.30	< 4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 18 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Anthracene, water, unfiltered, recoverable, μg/L (34220)	Benzene, water, unfiltered, recoverable, μg/L (34030)	Benzo[a]anthracene, water, unfiltered, recoverable, μg/L (34526)	Benzo[a]pyrene, water, unfiltered, recoverable, μg/L (34247)	Benzo[a]fluoranthene, water, unfiltered, recoverable, μg/L (34230)	Benzo[ghi]perylene, water, unfiltered, recoverable, μg/L (34521)	Benzo[k]fluoranthene, water, unfiltered, recoverable, μg/L (34242)	Benzyl n-butyl phthalate, water, unfiltered, recoverable, μg/L (34292)	Bis(2-chloroethoxy)methane, water, unfiltered, recoverable, μg/L (34278)	Bis(2-chloroethyl) ether, water, unfiltered, recoverable, μg/L (34273)
09-18-2009	< 0.39	< .02	< 0.26	< 0.33	< 0.40	< 0.4	< 0.4	< 2	< 0.2	< 0.30

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 19 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Bis(2-chloroisopropyl) ether, water, unfiltered, recoverable, μg/L (34283)	Bis(2-ethylhexyl) phthalate, water, unfiltered, recoverable, μg/L (39100)	Bromobenzene, water, unfiltered, recoverable, μg/L (81555)	Bromochloromethane, water, unfiltered, recoverable, μg/L (77297)	Bromodichloromethane, water, unfiltered, recoverable, μg/L (32101)	Bromoethene, water, unfiltered, recoverable, μg/L (50002)	Chlorobenzene, water, unfiltered, recoverable, μg/L (34301)	Chloroethane, water, unfiltered, recoverable, μg/L (34311)	Chloromethane, water, unfiltered, recoverable, μg/L (34418)	Chrysene, water, unfiltered, recoverable, μg/L (34320)
09-18-2009	< 0.38	< 2	< .02	< .06	< .04	< .1	< .02	< .1	< .1	< 0.33

403815073580001 Local number K 3273. 2—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 20 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	cis-1,2-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (77093)	Dibenzo-[a,h]anthracene, water, unfiltered, recoverable, μg/L (34556)	Dibromo-chloro-methane, water, unfiltered, recoverable, μg/L (32105)	Dibromo-methane, water, unfiltered, recoverable, μg/L (30217)	Dichloro-difluoro-methane, water, unfiltered, recoverable, μg/L (34668)	Dichloro-methane, water, unfiltered, recoverable, μg/L (34423)	Diethyl ether, water, unfiltered, recoverable, μg/L (81576)	Diethyl phthalate, water, unfiltered, recoverable, μg/L (34336)	Diisopropyl ether, water, unfiltered, recoverable, μg/L (81577)	Dimethyl phthalate, water, unfiltered, recoverable, μg/L (34341)
09-18-2009	.17	< 0.4	< .1	< .04	< .10	< 0.04	< .1	< 0.61	< .06	< 0.4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 21 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Di-n-butyl phthalate, water, unfiltered, recoverable, μg/L (39110)	Di-n-octyl phthalate, water, unfiltered, recoverable, μg/L (34596)	Ethyl methacrylate, water, unfiltered, recoverable, μg/L (73570)	Ethyl methyl ketone, water, unfiltered, recoverable, μg/L (81595)	Ethyl-benzene, water, unfiltered, recoverable, μg/L (34371)	Fluoranthene, water, unfiltered, recoverable, μg/L (34376)	Hexa-chloro-butadiene, water, unfiltered, recoverable, μg/L (39702)	Hexa-chloro-cyclopentadiene, water, unfiltered, recoverable, μg/L (34386)	Hexa-chloro-ethane, water, unfiltered, recoverable, μg/L (34396)	Indeno-[1,2,3-cd]-pyrene, water, unfiltered, recoverable, μg/L (34403)
09-18-2009	< 1	< 0.6	< .1	< 1.6	< .04	< 0.30	< .1	< 0.4	< .1	< 0.4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 22 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Isobutyl methyl ketone, water, unfiltered, recoverable, μg/L (78133)	Isophorone, water, unfiltered, recoverable, μg/L (34408)	Isopropyl-benzene, water, unfiltered, recoverable, μg/L (77223)	Methyl acetate, water, unfiltered, recoverable, μg/L (77032)	Methyl acrylate, water, unfiltered, recoverable, μg/L (49991)	Methyl acrylonitrile, water, unfiltered, recoverable, μg/L (81593)	Methyl methacrylate, water, unfiltered, recoverable, μg/L (81597)	Methyl tert-butyl ether, water, unfiltered, recoverable, μg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recoverable, μg/L (50005)	Methylene blue active substances, water, unfiltered, recoverable, mg/L (38260)
09-18-2009	< .4	< 0.4	< .04	< .4	< .6	< .2	< .2	E .08	< .06	< .10

403815073580001 Local number K 3273. 2—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 23 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	m-Xylene plus p-xylene, water, unfiltered, recoverable, μg/L (85795)	Naphthalene, water, unfiltered, recoverable, μg/L (34696)	n-Butyl methyl ketone, water, unfiltered, recoverable, μg/L (77103)	n-Butylbenzene, water, unfiltered, recoverable, μg/L (77342)	Nitrobenzene, water, unfiltered, recoverable, μg/L (34447)	N-Nitrosodimethylamine, water, unfiltered, recoverable, μg/L (34438)	N-Nitrosodipropylamine, water, unfiltered, recoverable, μg/L (34428)	N-Nitrosodiphenylamine, water, unfiltered, recoverable, μg/L (34433)	n-Propylbenzene, water, unfiltered, recoverable, μg/L (77224)	o-Xylene, water, unfiltered, recoverable, μg/L (77135)
09-18-2009	< .08	< .2	< .6	< .1	< 0.2	< 0.2	< 0.4	< 0.4	< .04	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 24 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Phenanthrene, water, unfiltered, recoverable, μg/L (34461)	Phenol, water, unfiltered, recoverable, μg/L (34694)	Pyrene, water, unfiltered, recoverable, μg/L (34469)	sec-Butylbenzene, water, unfiltered, recoverable, μg/L (77350)	Styrene, water, unfiltered, recoverable, μg/L (77128)	tert-Amyl alcohol, water, unfiltered, recoverable, μg/L (77073)	tert-Butyl alcohol, water, unfiltered, recoverable, μg/L (77035)	tert-Butyl ethyl ether, water, unfiltered, recoverable, μg/L (50004)	tert-Butylbenzene, water, unfiltered, recoverable, μg/L (77353)	Tetrachloroethene, water, unfiltered, recoverable, μg/L (34475)
09-18-2009	< 0.32	< .4	< 0.35	< .02	< .04	< .6	< 1.00	< .04	< .06	27.5

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 25 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Tetrachloromethane, water, unfiltered, recoverable, μg/L (32102)	Tetrahydrofuran, water, unfiltered, recoverable, μg/L (81607)	Toluene, water, unfiltered, recoverable, μg/L (34010)	trans-1,2-Dichloroethene, water, unfiltered, recoverable, μg/L (34546)	trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, μg/L (73547)	Tribromomethane, water, unfiltered, recoverable, μg/L (32104)	Trichloroethene, water, unfiltered, recoverable, μg/L (39180)	Trichlorofluoromethane, water, unfiltered, recoverable, μg/L (34488)	Trichloromethane, water, unfiltered, recoverable, μg/L (32106)	Vinyl chloride, water, unfiltered, recoverable, μg/L (39175)
09-18-2009	< .06	< 1	< .02	E .01	< .4	< .10	.84	< .08	1.04	< .1



Water-Data Report 2009

403824073565601 Local number K 3218. 1

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

LOCATION.--Lat 40°38'24", long 73°56'56" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 70 ft. Upper casing diameter 24 in; top of first opening 26 ft, bottom of last opening 49 ft.

DATUM.--Land-surface datum is 3 ft above National Geodetic Vertical Datum of 1929.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Dissolved solids dried at 180 °C, water, filtered, mg/L (70300)	Calcium, water, unfiltered, recoverable, mg/L (00916)	Magnesium, water, unfiltered, recoverable, mg/L (00927)	Potassium, water, unfiltered, recoverable, mg/L (00937)
06-17-2009	1030	8.1	7.1	760	16.4	.3	452	49.8	29.7	2.18

403824073565601 Local number K 3218. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sodium, water, unfiltered, recoverable, mg/L (00929)	ANC, water, unfiltered, fixed endpoint titration, mg/L as CaCO ₃ (90410)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Orthophosphate, water, filtered, mg/L as P (00671)
06-17-2009	45.0	125	104	< .08	30.3	63.4	< .020	10.7	< .002	.030

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Barium, water, unfiltered, recoverable, μg/L (01007)	Cadmium, water, unfiltered, recoverable, μg/L (01027)	Chromium, water, unfiltered, recoverable, μg/L (01034)	Copper, water, unfiltered, recoverable, μg/L (01042)	Iron, water, filtered, recoverable, μg/L (01046)	Iron, water, unfiltered, recoverable, μg/L (01045)	Lead, water, unfiltered, recoverable, μg/L (01051)	Manganese, water, filtered, recoverable, μg/L (01056)	Manganese, water, unfiltered, recoverable, μg/L (01055)	Mercury, water, unfiltered, recoverable, μg/L (71900)
06-17-2009	78.5	< .06	1.5	< 4.0	8	20	2.66	.5	.7	< .010

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 4 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Silver, water, unfiltered, recoverable, μg/L (01077)	Zinc, water, unfiltered, recoverable, μg/L (01092)	Arsenic, water, unfiltered, recoverable, μg/L (01002)	Selenium, water, unfiltered, recoverable, μg/L (01147)	1,2,3-Trichloropropane, water, unfiltered, recoverable, μg/L (77443)	1,2-Dibromo-3-chloropropane, water, unfiltered, recoverable, μg/L (82625)	1,2-Dibromoethane, water, unfiltered, recoverable, μg/L (77651)	1,2-Dichloroethane, water, unfiltered, recoverable, μg/L (32103)	1,2-Dichloropropane, water, unfiltered, recoverable, μg/L (34541)	1,3-Dichloropropane, water, unfiltered, recoverable, μg/L (77173)
06-17-2009	< .06	27.7	.53	2.6	< .12	< 1.0	< .04	< .1	< .02	< .1

403824073565601 Local number K 3218. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 5 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	1,4-Dichlorobenzene, water, unfiltered, recoverable, μg/L (34571)	1-Naphthol, water, glass fiber filter), recoverable, μg/L (49295)	2,4,6-Trichlorophenol, water, unfiltered, recoverable, μg/L (34621)	2,4-Dichlorophenol, water, unfiltered, recoverable, μg/L (34601)	2,4-Dimethylphenol, water, unfiltered, recoverable, μg/L (34606)	2,6-Diethylaniline, water, glass fiber filter), recoverable, μg/L (82660)	2-Chloro-2',6'-diethylacetanilide, water, filtered, recoverable, μg/L (61618)	2-Chloro-4-isopropylamino-6-triazine, water, filtered, recoverable, μg/L (04040)	2-Ethyl-6-methylaniline, water, filtered, recoverable, μg/L (61620)	3,4-Dichloroaniline, water, filtered, recoverable, μg/L (61625)
06-17-2009	< .02	< .04	< 0.6	< 0.39	< .8	< .006	< .010	E .009	< .010	< .004

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 6 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	3-Chloropropene, water, unfiltered, recoverable, μg/L (78109)	4-Chloro-2-methylphenol, water, filtered, recoverable, μg/L (61633)	4-Chloro-3-methylphenol, water, filtered, recoverable, μg/L (34452)	4-Nitrophenol, water, unfiltered, recoverable, μg/L (34646)	Acetochlor, water, filtered, recoverable, μg/L (49260)	Acrylonitrile, water, unfiltered, recoverable, μg/L (34215)	Alachlor, water, filtered, recoverable, μg/L (46342)	Aldrin, water, unfiltered, recoverable, μg/L (39330)	alpha-Endosulfan, water, unfiltered, recoverable, μg/L (39388)	Atrazine, water, filtered, recoverable, μg/L (39632)
06-17-2009	< .08	< .005	< 0.55	< 0.51	< .010	< 0.4	< .008	< .01	< .01	< .007

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 7 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Azinphosmethyl, water, oxygen analog, water, filtered, recoverable, μg/L (61635)	Azinphosmethyl, water, glass fiber filter), recoverable, μg/L (82686)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82673)	Bromo-methane, water, unfiltered, recoverable, μg/L (34413)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82680)	Carbon disulfide, water, unfiltered, recoverable, μg/L (77041)	Chlordane (technical), water, unfiltered, recoverable, μg/L (39350)	Chlorpyrifos oxygen analog, water, filtered, recoverable, μg/L (61636)	Chlorpyrifos, water, filtered, recoverable, μg/L (38933)
06-17-2009	< .04	< .120	< .014	< .4	< .200	< .04	< .1	< .05	< .010

403824073565601 Local number K 3218. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 8 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	cis-1,3-Dichloropropene, water, unfiltered, recoverable, μg/L (34704)	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)	Dichlorvos, water, filtered, recoverable, μg/L (38775)	Dicrotophos, water, filtered, recoverable, μg/L (38454)
06-17-2009	< .10	< .014	< .016	< .020	< .006	< .029	< .012	< .005	< .02	< .08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 9 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Dieldrin, water, filtered, recoverable, μg/L (39381)	Dieldrin, water, unfiltered, recoverable, μg/L (39380)	Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82662)	Endrin, water, unfiltered, recoverable, μg/L (39390)	Ethion monoxon, water, filtered, recoverable, μg/L (61644)	Ethion, water, filtered, recoverable, μg/L (82346)	Fenamiphos sulfone, water, filtered, recoverable, μg/L (61645)	Fenamiphos sulfoxide, water, filtered, recoverable, μg/L (61646)	Fenamiphos, water, filtered, recoverable, μg/L (61591)	Fipronil sulfide, water, filtered, recoverable, μg/L (62167)
06-17-2009	< .009	< .008	< .006	< .01	< .02	< .012	< .053	< .08	< .03	< .013

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 10 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Fipronil, water, filtered, recoverable, μg/L (62166)	Fonofos, water, filtered, recoverable, μg/L (04095)	Heptachlor epoxide, water, unfiltered, recoverable, μg/L (39420)	Heptachlor, water, unfiltered, recoverable, μg/L (39410)	Hexachlorobenzene, water, unfiltered, recoverable, μg/L (39700)	Hexazinone, water, filtered, recoverable, μg/L (04025)	Iodomethane, water, unfiltered, recoverable, μg/L (77424)	Iprodione, water, filtered, recoverable, μg/L (61593)	Isofenphos, water, filtered, recoverable, μg/L (61594)	Lindane, water, unfiltered, recoverable, μg/L (39340)
06-17-2009	< .040	< .010	< .009	< .01	< 0.30	< .008	< .80	< .014	< .006	< .014

403824073565601 Local number K 3218. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 11 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Malaoxon, water, filtered, recover- able, μg/L (61652)	Malathion, water, filtered, recover- able, μg/L (39532)	Metalaxyl, water, filtered, recover- able, μg/L (61596)	Methida- thion, water, filtered, recover- able, μg/L (61598)	Methyl paraoxon, water, filtered, recover- able, μg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82667)	Metola- chlor, water, filtered, recover- able, μg/L (39415)	Metribuzin, water, filtered, recover- able, μg/L (82630)	Mirex, water, unfiltered, recover- able, μg/L (39755)	Myclo- butanil, water, filtered, recover- able, μg/L (61599)
06-17-2009	< .080	< .020	< .007	< .006	< .01	< .008	< .014	< .016	< .006	< .010

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 12 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	p,p'-DDD, water, unfiltered, recover- able, μg/L (39360)	p,p'-DDE, water, unfiltered, recover- able, μg/L (39365)	p,p'-DDT, water, unfiltered, recover- able, μg/L (39370)	p,p'- Methoxy- chlor, water, unfiltered, recover- able, μg/L (39480)	Pendi- methalin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82683)	Penta- chloro- phenol, water, unfiltered, recover- able, μg/L (39032)	Phorate oxygen analog, water, filtered, recover- able, μg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82664)	Phosmet oxygen analog, water, filtered, recover- able, μg/L (61668)	Phosmet, water, filtered, recover- able, μg/L (61601)
06-17-2009	< .016	< .014	< .010	< .002	< .012	< 1	< .03	< .020	< .05	< .200

403824073565601 Local number K 3218. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 13 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Prometon, water, filtered, recover- able, μg/L (04037)	Prometryn, water, filtered, recover- able, μg/L (04036)	Propyz- amide, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82676)	Simazine, water, filtered, recover- able, μg/L (04035)	Tebu- thiuron, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82670)	Terbufos oxygen analog sulfone, water, filtered, recover- able, μg/L (61674)	Terbuthyl- azine, water, filtered, recover- able, μg/L (04022)	Toxaphene, water, unfiltered, recover- able, μg/L (39400)	trans-1,3- Dichloro- propene, water, unfiltered, recover- able, μg/L (34699)	Tribuphos, water, filtered, recover- able, μg/L (61610)
06-17-2009	< .01	< .006	< .004	< .010	< .02	< .04	< .01	< 1	< .10	< .035

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 14 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Trifluralin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82661)	PCBs, water, unfiltered, recover- able, μg/L (39516)	1,1,1,2- Tetra- chloro- ethane, water, unfiltered, recover- able, μg/L (77562)	1,1,1-Tri- chloro- ethane, water, unfiltered, recover- able, μg/L (34506)	1,1,2,2- Tetra- chloro- ethane, water, unfiltered, recover- able, μg/L (34516)	1,1,2-Tri- chloro- 1,2,2- trifluoro- ethane, water, unfiltered, recover- able, μg/L (77652)	1,1,2-Tri- chloro- ethane, water, unfiltered, recover- able, μg/L (34511)	1,1-Di- chloro- ethane, water, unfiltered, recover- able, μg/L (34496)	1,1-Di- chloro- ethene, water, unfiltered, recover- able, μg/L (34501)	1,1-Di- chloro- propene, water, unfiltered, recover- able, μg/L (77168)
06-17-2009	< .012	< .1	< .04	E .03	< .10	< .04	< .06	< .04	< .02	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 15 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	1,2,3,4- Tetra- methyl- benzene, water, unfiltered, recover- able, μg/L (49999)	1,2,3,5- Tetra- methyl- benzene, water, unfiltered, recover- able, μg/L (50000)	1,2,3-Tri- chloro- benzene, water, unfiltered, recover- able, μg/L (77613)	1,2,3-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77221)	1,2,4-Tri- chloro- benzene, water, unfiltered, recover- able, μg/L (34551)	1,2,4-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77222)	1,2- Dichloro- benzene, water, unfiltered, recover- able, μg/L (34536)	1,2- Diphenyl- hydrazine, water, unfiltered, recover- able, μg/L (82626)	1,3,5-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77226)	1,3- Dichloro- benzene, water, unfiltered, recover- able, μg/L (34566)
06-17-2009	< .1	< .1	< .1	< .1	< 0.04	< .04	< .02	< 0.30	< .04	< .02

403824073565601 Local number K 3218. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 16 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	2,2-Di-chloro-propane, water, unfiltered, recoverable, μg/L (77170)	2,4-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34611)	2,6-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34626)	2-Chloro-naph-thalene, water, unfiltered, recoverable, μg/L (34581)	2-Chloro-phenol, water, unfiltered, recoverable, μg/L (34586)	2-Chloro-toluene, water, unfiltered, recoverable, μg/L (77275)	2-Ethyl-toluene, water, unfiltered, recoverable, μg/L (77220)	2-Nitro-phenol, water, unfiltered, recoverable, μg/L (34591)	3,3'-Dichloro-benzidine, water, unfiltered, recoverable, μg/L (34631)	4-Bromo-phenyl ether, water, unfiltered, recoverable, μg/L (34636)
06-17-2009	< .06	< 0.6	< 0.43	< 0.2	< 0.42	< .02	< .02	< 0.4	< 0.4	< 0.36

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 17 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	4-Chloro-phenyl ether, water, unfiltered, recoverable, μg/L (34641)	4-Chloro-toluene, water, unfiltered, recoverable, μg/L (77277)	4-Iso-propyl-toluene, water, unfiltered, recoverable, μg/L (77356)	9H-Fluorene, water, unfiltered, recoverable, μg/L (34381)	Acenaph-thene, water, unfiltered, recoverable, μg/L (34205)	Acenaph-thylene, water, unfiltered, recoverable, μg/L (34200)	Acetone, water, unfiltered, recoverable, μg/L (81552)	Anthra-cene, water, unfiltered, recoverable, μg/L (34220)	Benzene, water, unfiltered, recoverable, μg/L (34030)	Benzo[a]-anthra-cene, water, unfiltered, recoverable, μg/L (34526)
06-17-2009	< 0.34	< .02	< .06	< 0.33	< 0.28	< 0.30	< 4	M	< .02	< 0.26

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 18 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Benzo[a]-pyrene, water, unfiltered, recoverable, μg/L (34247)	Benzo[a]-fluor-anthene, water, unfiltered, recoverable, μg/L (34230)	Benzo[ghi]-perylene, water, unfiltered, recoverable, μg/L (34521)	Benzo[k]-fluoran-thene, water, unfiltered, recoverable, μg/L (34242)	Benzyl n-butyl phthalate, water, unfiltered, recoverable, μg/L (34292)	Bis(2-chloro-ethoxy)-methane, water, unfiltered, recoverable, μg/L (34278)	Bis(2-chloroethyl) ether, water, unfiltered, recoverable, μg/L (34273)	Bis(2-chloro-isopropyl) ether, water, unfiltered, recoverable, μg/L (34283)	Bis(2-ethyl-hexyl) phthalate, water, unfiltered, recoverable, μg/L (39100)	Bromo-benzene, water, unfiltered, recoverable, μg/L (81555)
06-17-2009	< 0.33	< 0.40	< 0.4	< 0.4	< 2	< 0.2	< 0.30	< 0.38	< 2	< .02

403824073565601 Local number K 3218. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 19 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Bromo-chloro-methane, water, unfiltered, recoverable, μg/L (77297)	Bromo-dichloro-methane, water, unfiltered, recoverable, μg/L (32101)	Bromo-ethene, water, unfiltered, recoverable, μg/L (50002)	Chloro-benzene, water, unfiltered, recoverable, μg/L (34301)	Chloro-ethane, water, unfiltered, recoverable, μg/L (34311)	Chloro-methane, water, unfiltered, recoverable, μg/L (34418)	Chrysene, water, unfiltered, recoverable, μg/L (34320)	cis-1,2-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (77093)	Dibenzo-[a,h]anthracene, water, unfiltered, recoverable, μg/L (34556)	Dibromo-chloro-methane, water, unfiltered, recoverable, μg/L (32105)
06-17-2009	< .06	< .04	< .1	< .02	< .1	< .1	< 0.33	E .02	< 0.4	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 20 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Dibromo-methane, water, unfiltered, recoverable, μg/L (30217)	Dichloro-difluoro-methane, water, unfiltered, recoverable, μg/L (34668)	Dichloro-methane, water, unfiltered, recoverable, μg/L (34423)	Diethyl ether, water, unfiltered, recoverable, μg/L (81576)	Diethyl phthalate, water, unfiltered, recoverable, μg/L (34336)	Diisopropyl ether, water, unfiltered, recoverable, μg/L (81577)	Dimethyl phthalate, water, unfiltered, recoverable, μg/L (34341)	Di-n-butyl phthalate, water, unfiltered, recoverable, μg/L (39110)	Di-n-octyl phthalate, water, unfiltered, recoverable, μg/L (34596)	Ethyl methacrylate, water, unfiltered, recoverable, μg/L (73570)
06-17-2009	< .04	< .10	< 0.04	< .1	< 0.61	< .06	< 0.4	< 1	< 0.6	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 21 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Ethyl methyl ketone, water, unfiltered, recoverable, μg/L (81595)	Ethyl-benzene, water, unfiltered, recoverable, μg/L (34371)	Fluoranthene, water, unfiltered, recoverable, μg/L (34376)	Hexa-chloro-butadiene, water, unfiltered, recoverable, μg/L (39702)	Hexa-chloro-cyclopentadiene, water, unfiltered, recoverable, μg/L (34386)	Hexa-chloro-ethane, water, unfiltered, recoverable, μg/L (34396)	Indeno-[1,2,3-cd]-pyrene, water, unfiltered, recoverable, μg/L (34403)	Isobutyl methyl ketone, water, unfiltered, recoverable, μg/L (78133)	Isophorone, water, unfiltered, recoverable, μg/L (34408)	Isopropyl-benzene, water, unfiltered, recoverable, μg/L (77223)
06-17-2009	< 1.6	< .04	< 0.30	< .1	< 0.4	< .1	< 0.4	< .4	< 0.4	< .04

403824073565601 Local number K 3218. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 22 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Methyl acetate, water, unfiltered, recoverable, μg/L (77032)	Methyl acrylate, water, unfiltered, recoverable, μg/L (49991)	Methyl acrylonitrile, water, unfiltered, recoverable, μg/L (81593)	Methyl methacrylate, water, unfiltered, recoverable, μg/L (81597)	Methyl tert-butyl ether, water, unfiltered, recoverable, μg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recoverable, μg/L (50005)	Methylene blue active substances, water, unfiltered, recoverable, mg/L (38260)	m-Xylene plus p-xylene, water, unfiltered, recoverable, μg/L (85795)	Naphthalene, water, unfiltered, recoverable, μg/L (34696)	n-Butyl methyl ketone, water, unfiltered, recoverable, μg/L (77103)
06-17-2009	< .4	< .6	< .2	< .2	E .04	< .06	< .10	< .08	< .2	< .6

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 23 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	n-Butylbenzene, water, unfiltered, recoverable, μg/L (77342)	Nitrobenzene, water, unfiltered, recoverable, μg/L (34447)	N-Nitrosodimethylamine, water, unfiltered, recoverable, μg/L (34438)	N-Nitrosodipropylamine, water, unfiltered, recoverable, μg/L (34428)	N-Nitrosodiphenylamine, water, unfiltered, recoverable, μg/L (34433)	n-Propylbenzene, water, unfiltered, recoverable, μg/L (77224)	o-Xylene, water, unfiltered, recoverable, μg/L (77135)	Phenanthrene, water, unfiltered, recoverable, μg/L (34461)	Phenol, water, unfiltered, recoverable, μg/L (34694)	Pyrene, water, unfiltered, recoverable, μg/L (34469)
06-17-2009	< .1	< 0.2	< 0.2	< 0.4	< 0.4	< .04	< .04	< 0.32	< .4	< 0.35

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 24 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	sec-Butylbenzene, water, unfiltered, recoverable, μg/L (77350)	Styrene, water, unfiltered, recoverable, μg/L (77128)	tert-Amyl alcohol, water, unfiltered, recoverable, μg/L (77073)	tert-Butyl alcohol, water, unfiltered, recoverable, μg/L (77035)	tert-Butyl ethyl ether, water, unfiltered, recoverable, μg/L (50004)	tert-Butylbenzene, water, unfiltered, recoverable, μg/L (77353)	Tetrachloroethene, water, unfiltered, recoverable, μg/L (34475)	Tetrachloromethane, water, unfiltered, recoverable, μg/L (32102)	Tetrahydrofuran, water, unfiltered, recoverable, μg/L (81607)	Toluene, water, unfiltered, recoverable, μg/L (34010)
06-17-2009	< .02	< .04	< .6	< 1.00	< .04	< .06	.55	.10	< 1	< .02

403824073565601 Local number K 3218. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 25 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	trans-1,2-Dichloro-ethene, water, unfiltered, recoverable, μg/L (34546)	trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, μg/L (73547)	Tribromo-methane, water, unfiltered, recoverable, μg/L (32104)	Trichloro-ethene, water, unfiltered, recoverable, μg/L (39180)	Trichloro-fluoro-methane, water, unfiltered, recoverable, μg/L (34488)	Trichloro-methane, water, unfiltered, recoverable, μg/L (32106)	Vinyl chloride, water, unfiltered, recoverable, μg/L (39175)
06-17-2009	< .02	< .4	< .10	E .04	< .08	4.97	< .1



Water-Data Report 2009

403827073535202 Local number K 3255. 2

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

LOCATION.--Lat 40°38'27", long 73°53'52" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202, at south side of Avenue J, 120 ft east of Rockaway Avenue, Canarsie.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 25 ft. Upper casing diameter 2 in; top of first opening 15 ft, bottom of last opening 25 ft.

DATUM.--Land-surface datum is 17 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.42 ft below land-surface datum.

PERIOD OF RECORD.--July 1998 to September 2006 and July 2007 to current year.

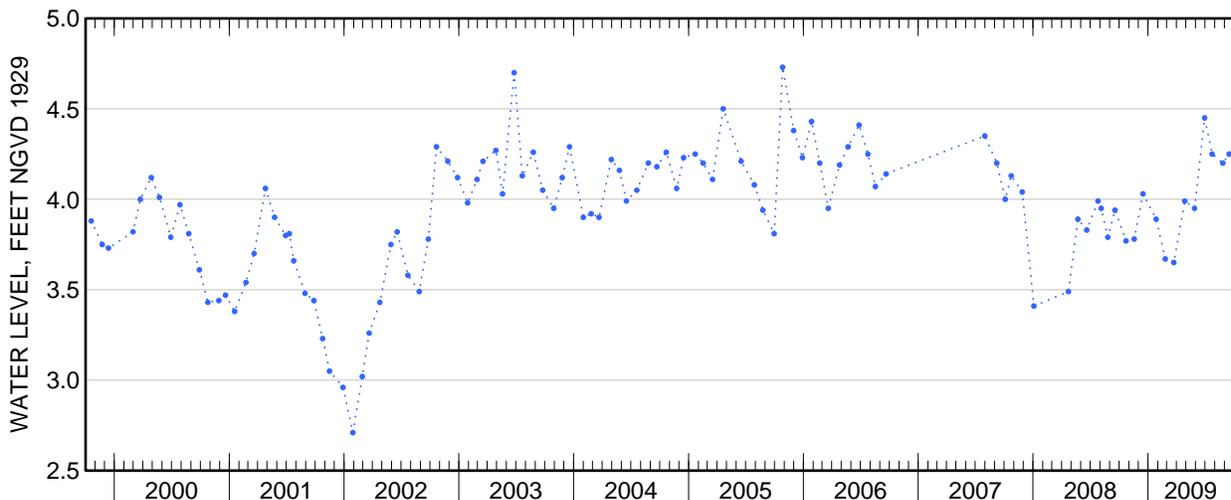
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well K3255.1 in June 1998 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.73 ft above sea level, October 26, 2005; lowest measured, 2.71 ft above sea level, January 28, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 22	3.77	Apr 27	3.99
Nov 17	3.78	May 28	3.95
Dec 15	4.03	Jun 29	4.45
Jan 26	3.89	Jul 23	4.25
Feb 24	3.67	Aug 26	4.20
Mar 23	3.65	Sep 15	4.25





Water-Data Report 2009

403902073552802 Local number K 3246. 2

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

LOCATION.--Lat 40°39'02", long 73°55'28" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202, at north side of Snyder Avenue, between Kings Highway and East 56th Street, East Flatbush.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 30 ft. Upper casing diameter 2 in; top of first opening 20 ft, bottom of last opening 30 ft.

DATUM.--Land-surface datum is 25.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.16 ft below land-surface datum.

PERIOD OF RECORD.--March 1999 to September 2006 and July 2007 to current year.

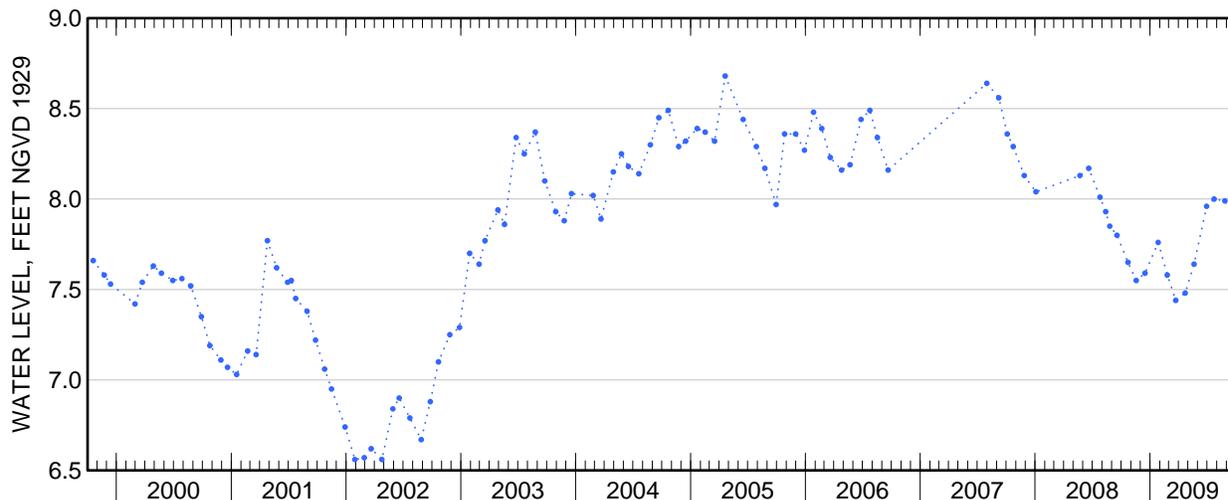
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well K3246.1 in November 1998 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.68 ft above sea level, April 20, 2005; lowest measured, 6.56 ft above sea level, January 28 and April 24, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 22	7.65	Apr 22	7.48
Nov 17	7.55	May 20	7.64
Dec 15	7.59	Jun 29	7.96
Jan 26	7.76	Jul 23	8.00
Feb 24	7.58	Aug 26	7.99
Mar 23	7.44	Sep 15	7.92





Water-Data Report 2009

403939073542902 Local number K 1265. 2

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

LOCATION.--Lat 40°39'39", long 73°54'29" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202, Thatford Avenue and Riverdale Avenue, Brownsville.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 35 ft. Upper casing diameter 2 in; top of first opening 25 ft, bottom of last opening 30 ft.

DATUM.--Land-surface datum is 25 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.27 ft below land-surface datum.

PERIOD OF RECORD.--November 2000 to September 2006 and July 2007 to current year.

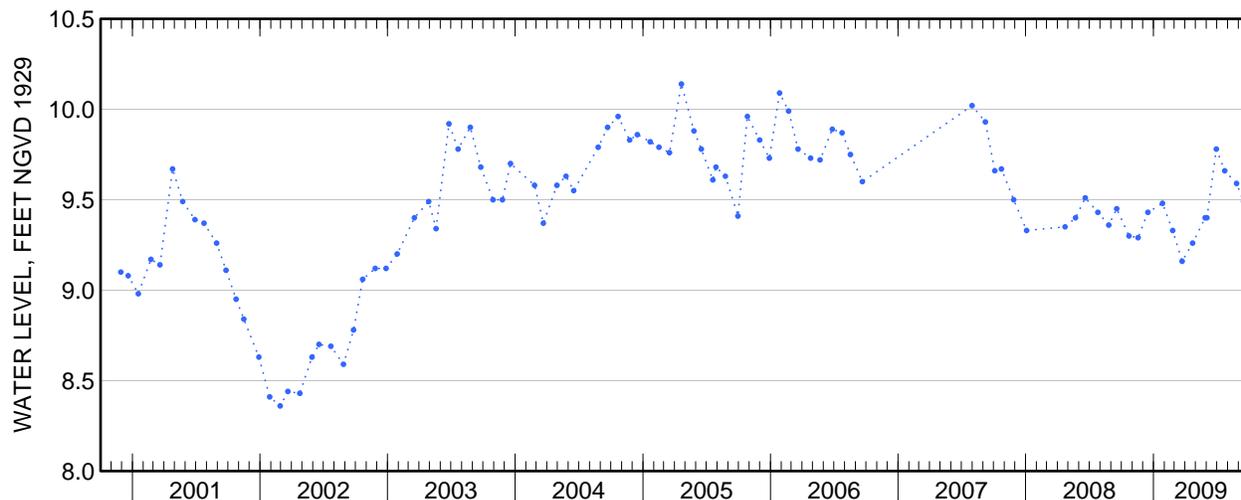
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well K1265.1 in October 2000 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.14 ft above sea level, April 20, 2005; lowest measured, 8.36 ft above sea level, February 27, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 22	9.30	May 28	9.40
Nov 17	9.29	Jun 2	9.40
Dec 15	9.43	29	9.78
Jan 26	9.48	Jul 23	9.66
Feb 24	9.33	Aug 26	9.59
Mar 23	9.16	Sep 15	9.49
Apr 22	9.26		





Water-Data Report 2009

403941073574302 Local number K 3431. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Kings County, NY

LOCATION.--Lat 40°39'41", long 73°57'43" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202, at Prospect Park, west side of East Park Drive, across from Lincoln Road exit, southernmost well, Flatbush.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 385 ft. Upper casing diameter 4 in; top of first opening 355 ft, bottom of last opening 375 ft.

DATUM.--Land-surface datum is 82 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.96 ft below land-surface datum.

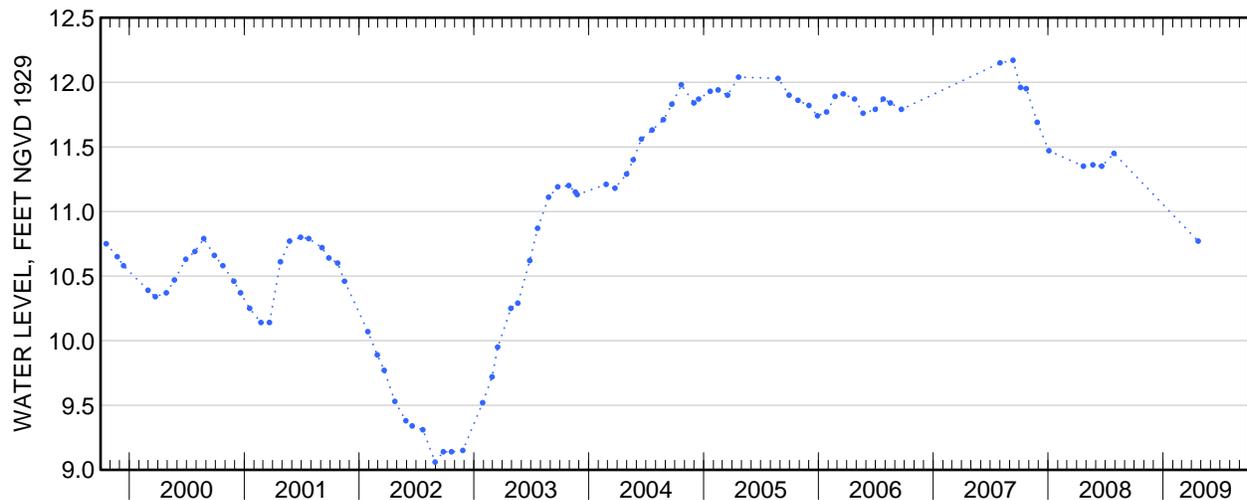
PERIOD OF RECORD.--July 1996 to September 2006 and August 2007 to current year.

GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.47 ft above sea level, July 28, 1998; lowest measured, 9.06 ft above sea level, August 30, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level
Apr 22	10.77





Water-Data Report 2009

403949073532109 Local number K 3256. 2

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

LOCATION.--Lat 40°39'49", long 73°53'21" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202, at intersection of New Lots, Riverdale, and Miller Avenues, at north side of Wyckoff Triangle, East New York.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 40 ft. Upper casing diameter 2 in; top of first opening 25 ft, bottom of last opening 35 ft.

DATUM.--Land-surface datum is 27 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.38 ft below land-surface datum.

PERIOD OF RECORD.--July 1998 to September 2006 and July 2007 to current year.

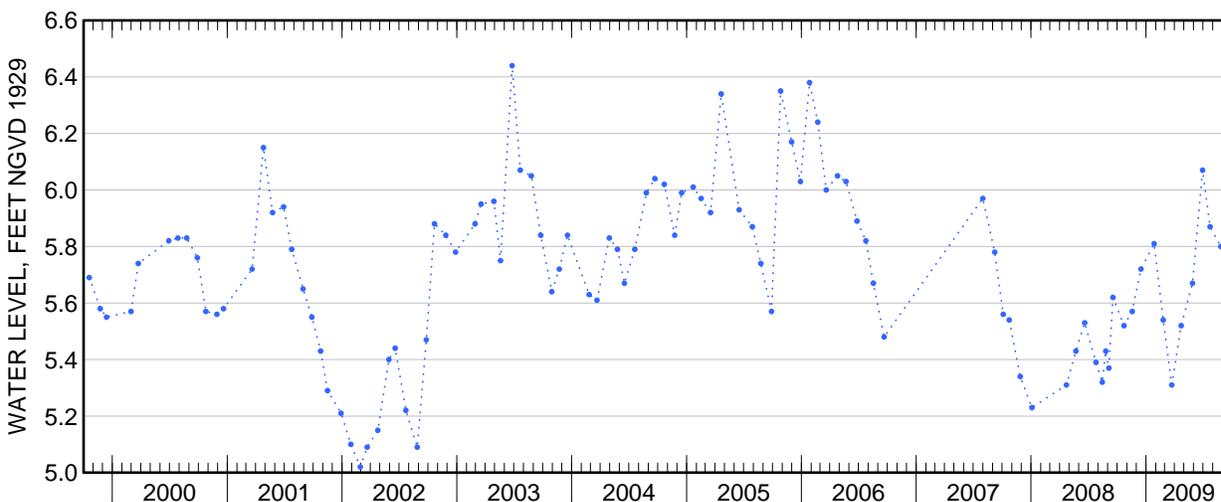
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well K3256.1 in June 1998 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.44 ft above sea level, June 25, 2003; lowest measured, 5.02 ft above sea level, February 27, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 22	5.52	Apr 22	5.52
Nov 17	5.57	May 28	5.67
Dec 15	5.72	Jun 29	6.07
Jan 26	5.81	Jul 23	5.87
Feb 24	5.54	Aug 26	5.80
Mar 23	5.31		





Water-Data Report 2009

404017073544502 Local number K 3257. 2

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

LOCATION.--Lat 40°40'17", long 73°54'45" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202, at east side of Chester Street, 188 ft south of East New York Avenue, Brownsville.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 55 ft. Upper casing diameter 2 in; top of first opening 40 ft, bottom of last opening 50 ft.

DATUM.--Land-surface datum is 48.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.28 ft below land-surface datum.

PERIOD OF RECORD.--July 1998 to September 2006 and July 2007 to current year.

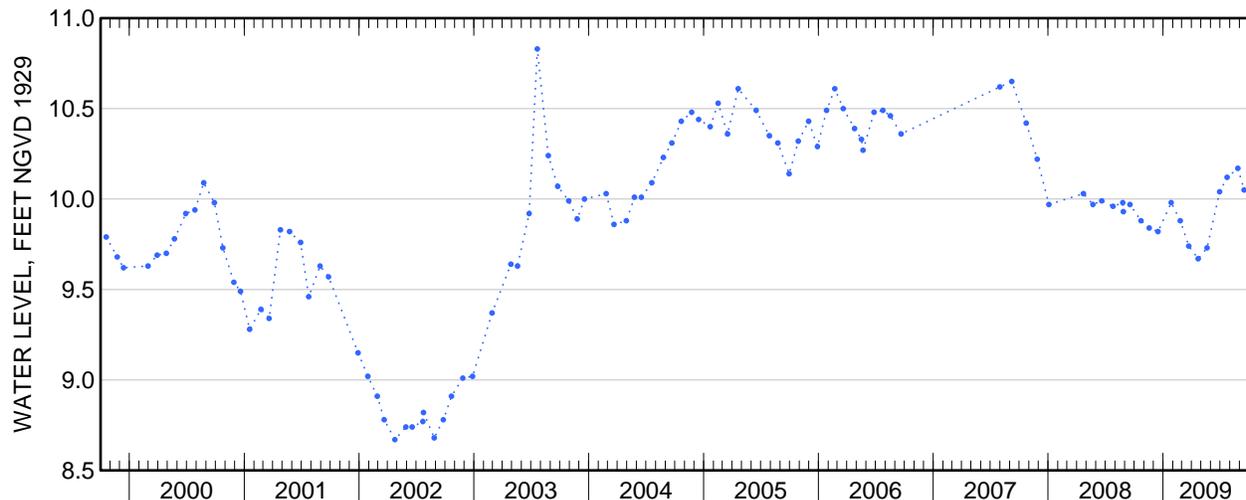
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well K3257.1 in June 1998 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.22 ft above sea level, July 28, 1998; lowest measured, 8.67 ft above sea level, April 24, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 22	9.88	Apr 22	9.67
Nov 17	9.84	May 20	9.73
Dec 15	9.82	Jun 29	10.04
Jan 26	9.98	Jul 23	10.12
Feb 24	9.88	Aug 26	10.17
Mar 23	9.74	Sep 15	10.05





Water-Data Report 2009

404025073515102 Local number K 3271. 2

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

LOCATION.--Lat 40°40'25", long 73°51'51" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202, at east side of Eldert Lane, just south of Sutter Avenue, East New York.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 45 ft. Upper casing diameter 2 in; top of first opening 35 ft, bottom of last opening 40 ft.

DATUM.--Land-surface datum is 22.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.52 ft below land-surface datum.

PERIOD OF RECORD.--July 2005 to September 2006 and September 2007 to current year.

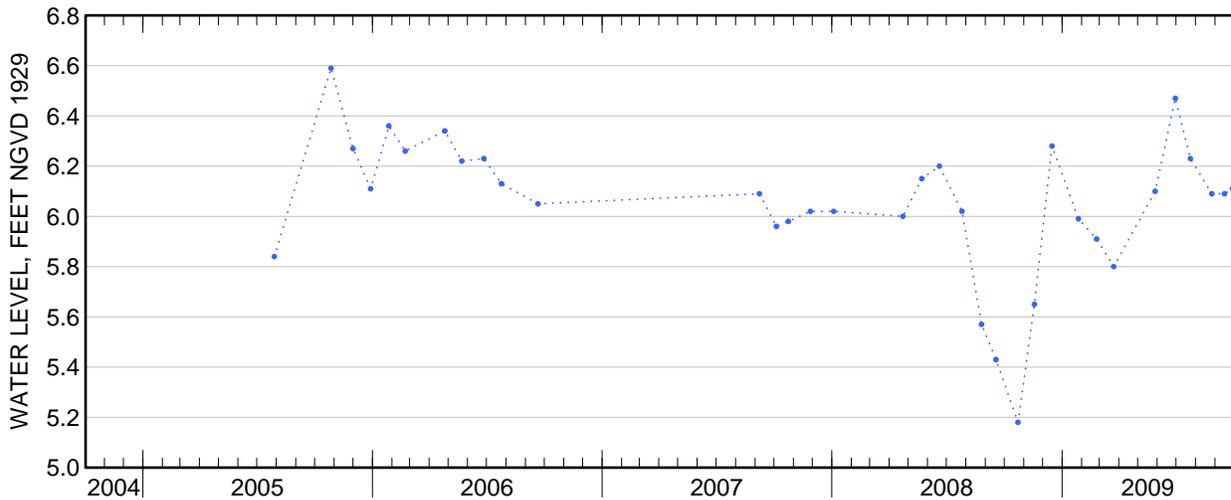
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well K3271.1 in June 2005 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.59 ft above sea level, October 26, 2005; lowest measured, 5.18 ft above sea level, October 22, 2008.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 22	5.18	May 28	6.10
Nov 17	5.65	Jun 29	6.47
Dec 15	6.28	Jul 23	6.23
Jan 26	5.99	Aug 26	6.09
Feb 24	5.91	Sep 15	6.09
Mar 23	5.80	28	6.11



WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Depth to water level, ft below land surface (72019)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Calcium, water, unfiltered, recoverable, mg/L (00916)	Magnesium, water, unfiltered, recoverable, mg/L (00927)	Potassium, water, unfiltered, recoverable, mg/L (00937)
09-28-2009	1130	16.39	1.4	7.3	1,010	16.8	5.1	80.9	19.7	2.88

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sodium, water, unfiltered, recoverable, mg/L (00929)	ANC, water, unfiltered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as CaCO ₃ (90410)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Hydrogen sulfide, water, unfiltered, mg/L (71875)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)
09-28-2009	85.4	210	154	.18	M	11.4	47.4	.334	8.49	E .002

404025073515102 Local number K 3271. 2—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Orthophosphate, water, filtered, mg/L as P (00671)	Barium, water, unfiltered, recoverable, μg/L (01007)	Cadmium, water, unfiltered, μg/L (01027)	Chromium, water, unfiltered, recoverable, μg/L (01034)	Copper, water, unfiltered, recoverable, μg/L (01042)	Iron, water, unfiltered, recoverable, μg/L (01046)	Iron, water, unfiltered, recoverable, μg/L (01045)	Lead, water, unfiltered, recoverable, μg/L (01051)	Manganese, water, filtered, μg/L (01056)	Manganese, water, unfiltered, recoverable, μg/L (01055)
09-28-2009	.023	66.1	.10	3.2	25.7	16	350	2.65	9.9	20.6

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 4 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Mercury, water, unfiltered, recoverable, μg/L (71900)	Silver, water, unfiltered, recoverable, μg/L (01077)	Zinc, water, unfiltered, recoverable, μg/L (01092)	Arsenic, water, unfiltered, μg/L (01002)	Selenium, water, unfiltered, μg/L (01147)	1,2,3-Trichloro-propane, water, unfiltered, recoverable, μg/L (77443)	1,2-Dibromo-3-chloro-propane, water, unfiltered, recoverable, μg/L (82625)	1,2-Dibromo-ethane, water, unfiltered, recoverable, μg/L (77651)	1,2-Dichloro-ethane, water, unfiltered, recoverable, μg/L (32103)	1,2-Dichloro-propane, water, unfiltered, recoverable, μg/L (34541)
09-28-2009	.010	.08	14.8	.56	2.8	< .12	< 1.0	< .04	< .1	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 5 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	1,3-Dichloro-propane, water, unfiltered, recoverable, μg/L (77173)	1,4-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34571)	1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49295)	2,4,6-Trichloro-phenol, water, unfiltered, recoverable, μg/L (34621)	2,4-Dichloro-phenol, water, unfiltered, recoverable, μg/L (34601)	2,4-Dimethyl-phenol, water, unfiltered, recoverable, μg/L (34606)	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-amino-s-triazine, water, filtered, recoverable, μg/L (04040)	2-Ethyl-6-methyl-aniline, water, filtered, recoverable, μg/L (61620)
09-28-2009	< .1	< .02	< .04	< 0.6	< 0.39	< .8	< .006	< .010	E .010	< .010

404025073515102 Local number K 3271. 2—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 6 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	2-Methyl-4,6-dinitrophenol, water, unfiltered, recoverable, μg/L (34657)	3,4-Dichloroaniline, water, filtered, recoverable, μg/L (61625)	3-Chloropropene, water, unfiltered, recoverable, μg/L (78109)	4-Chloro-2-methylphenol, water, filtered, recoverable, μg/L (61633)	4-Chloro-3-methylphenol, water, filtered, recoverable, μg/L (34452)	4-Nitrophenol, water, unfiltered, recoverable, μg/L (34646)	Acetochlor, water, filtered, recoverable, μg/L (49260)	Acrylonitrile, water, unfiltered, recoverable, μg/L (34215)	Alachlor, water, filtered, recoverable, μg/L (46342)	Aldrin, water, unfiltered, recoverable, μg/L (39330)
09-28-2009	< 0.77	< .004	< .08	< .005	< 0.55	< 0.51	< .010	< 0.4	< .008	< .01

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 7 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	alpha-Endosulfan, water, unfiltered, recoverable, μg/L (39388)	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)	Bromo-methane, water, unfiltered, recoverable, μg/L (34413)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82680)	Carbon disulfide, water, unfiltered, recoverable, μg/L (77041)	Chlordane (technical), water, unfiltered, recoverable, μg/L (39350)
09-28-2009	< .01	.013	< .04	< .120	< .014	< .4	< .200	< .04	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 8 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Chlorpyrifos oxygen analog, water, filtered, recoverable, μg/L (61636)	Chlorpyrifos, water, filtered, recoverable, μg/L (38933)	cis-1,3-Dichloropropene, water, unfiltered, recoverable, μg/L (34704)	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)
09-28-2009	< .05	< .010	< .10	< .014	< .016	< .020	< .006	< .029	< .012	< .005

404025073515102 Local number K 3271. 2—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 9 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Dichlorvos, water, filtered, recover- able, μg/L (38775)	Dicroto- phos, water, filtered, recover- able, μg/L (38454)	Dieldrin, water, filtered, recover- able, μg/L (39381)	Dieldrin, water, unfiltered, recover- able, μg/L (39380)	Dimetho- ate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82662)	Endrin, water, unfiltered, recover- able, μg/L (39390)	Ethion monoxon, water, filtered, recover- able, μg/L (61644)	Ethion, water, filtered, recover- able, μg/L (82346)	Fenami- phos sulfone, water, filtered, recover- able, μg/L (61645)	Fenami- phos sulfoxide, water, filtered, recover- able, μg/L (61646)
09-28-2009	< .02	< .08	E .002	< .008	< .006	< .01	< .02	< .012	< .053	< .08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 10 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Fenami- phos, water, filtered, recover- able, μg/L (61591)	Fipronil sulfide, water, filtered, recover- able, μg/L (62167)	Fipronil, water, filtered, recover- able, μg/L (62166)	Fonofos, water, filtered, recover- able, μg/L (04095)	Heptachlor epoxide, water, unfiltered, recover- able, μg/L (39420)	Heptachlor, water, unfiltered, recover- able, μg/L (39410)	Hexa- chloro- benzene, water, unfiltered, recover- able, μg/L (39700)	Hexa- zinone, water, filtered, recover- able, μg/L (04025)	Iodo- methane, water, unfiltered, recover- able, μg/L (77424)	Iprodione, water, filtered, recover- able, μg/L (61593)
09-28-2009	< .03	< .013	< .040	< .010	< .009	< .01	< 0.30	< .008	< .80	< .014

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 11 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Isofenphos, water, filtered, recover- able, μg/L (61594)	Lindane, water, unfiltered, recover- able, μg/L (39340)	Malaoxon, water, filtered, recover- able, μg/L (61652)	Malathion, water, filtered, recover- able, μg/L (39532)	Metalaxyl, water, filtered, recover- able, μg/L (61596)	Methida- thion, water, filtered, recover- able, μg/L (61598)	Methyl paraaxon, water, filtered, recover- able, μg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82667)	Metola- chlor, water, filtered, recover- able, μg/L (39415)	Metribuzin, water, filtered, recover- able, μg/L (82630)
09-28-2009	< .006	< .014	< .080	< .020	< .007	< .006	< .01	< .008	< .014	< .016

404025073515102 Local number K 3271. 2—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 12 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Mirex, water, unfiltered, recover- able, μg/L (39755)	Myclo- butanil, water, filtered, recover- able, μg/L (61599)	p,p'-DDD, water, unfiltered, recover- able, μg/L (39360)	p,p'-DDE, water, unfiltered, recover- able, μg/L (39365)	p,p'-DDT, water, unfiltered, recover- able, μg/L (39370)	p,p'- Methoxy- chlor, water, unfiltered, recover- able, μg/L (39480)	Pendi- methalin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82683)	Penta- chloro- phenol, water, unfiltered, recover- able, μg/L (39032)	Phorate oxygen analog, water, filtered, recover- able, μg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82664)
09-28-2009	< .006	< .010	< .016	< .014	< .010	< .002	< .012	< 1	< .03	< .020

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 13 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Phosmet oxygen analog, water, filtered, recover- able, μg/L (61668)	Phosmet, water, filtered, recover- able, μg/L (61601)	Prometon, water, filtered, recover- able, μg/L (04037)	Prometryn, water, filtered, recover- able, μg/L (04036)	Propyz- amide, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82676)	Simazine, water, filtered, recover- able, μg/L (04035)	Tebu- thiuron, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82670)	Terbufos oxygen analog sulfone, water, filtered, recover- able, μg/L (61674)	Terbuthyl- azine, water, filtered, recover- able, μg/L (04022)	Toxaphene, water, unfiltered, recover- able, μg/L (39400)
09-28-2009	< .05	< .200	< .01	< .006	< .004	< .010	< .02	< .04	< .01	< 1

404025073515102 Local number K 3271. 2—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 14 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	trans-1,3-Dichloropropene, water, unfiltered, recoverable, μg/L (34699)	Tribuphos, water, filtered, recoverable, μg/L (61610)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82661)	PCBs, water, unfiltered, recoverable, μg/L (39516)	1,1,1,2-Tetrachloroethane, water, unfiltered, recoverable, μg/L (77562)	1,1,1-Tri-chloro-ethane, water, unfiltered, recoverable, μg/L (34506)	1,1,2,2-Tetra-chloro-ethane, water, unfiltered, recoverable, μg/L (34516)	1,1,2-Tri-chloro-1,2,2-trifluoro-ethane, water, unfiltered, recoverable, μg/L (77652)	1,1,2-Tri-chloro-ethane, water, unfiltered, recoverable, μg/L (34511)	1,1-Di-chloro-ethane, water, unfiltered, recoverable, μg/L (34496)
09-28-2009	< .10	< .035	< .012	< .1	< .04	E .05	< .10	< .04	< .06	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 15 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	1,1-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (34501)	1,1-Di-chloro-propene, water, unfiltered, recoverable, μg/L (77168)	1,2,3,4-Tetra-methyl-benzene, water, unfiltered, recoverable, μg/L (49999)	1,2,3,5-Tetra-methyl-benzene, water, unfiltered, recoverable, μg/L (50000)	1,2,3-Tri-chloro-benzene, water, unfiltered, recoverable, μg/L (77613)	1,2,3-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77221)	1,2,4-Tri-chloro-benzene, water, unfiltered, recoverable, μg/L (34551)	1,2,4-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77222)	1,2-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34536)	1,2-Diphenyl-hydrazine, water, unfiltered, recoverable, μg/L (82626)
09-28-2009	E .02	< .04	< .1	< .1	< .1	< .1	< 0.04	< .04	< .02	< 0.30

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 16 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	1,3,5-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77226)	1,3-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34566)	2,2-Di-chloro-propane, water, unfiltered, recoverable, μg/L (77170)	2,4-Dinitro-phenol, water, unfiltered, recoverable, μg/L (34616)	2,4-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34611)	2,6-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34626)	2-Chloro-naphthalene, water, unfiltered, recoverable, μg/L (34581)	2-Chloro-phenol, water, unfiltered, recoverable, μg/L (34586)	2-Chloro-toluene, water, unfiltered, recoverable, μg/L (77275)	2-Ethyl-toluene, water, unfiltered, recoverable, μg/L (77220)
09-28-2009	< .04	< .02	< .06	< 1	< 0.6	< 0.43	< 0.2	< 0.42	< .02	< .02

404025073515102 Local number K 3271. 2—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 17 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	2-Nitrophenol, water, unfiltered, recoverable, μg/L (34591)	3,3'-Dichlorobenzidine, water, unfiltered, recoverable, μg/L (34631)	4-Bromophenyl ether, water, unfiltered, recoverable, μg/L (34636)	4-Chlorophenyl ether, water, unfiltered, recoverable, μg/L (34641)	4-Chlorotoluene, water, unfiltered, recoverable, μg/L (77277)	4-Iso-propyltoluene, water, unfiltered, recoverable, μg/L (77356)	9H-Fluorene, water, unfiltered, recoverable, μg/L (34381)	Acenaphthene, water, unfiltered, recoverable, μg/L (34205)	Acenaphthylene, water, unfiltered, recoverable, μg/L (34200)	Acetone, water, unfiltered, recoverable, μg/L (81552)
09-28-2009	< 0.4	< 0.4	< 0.36	< 0.34	< .02	< .06	< 0.33	< 0.28	< 0.30	< 4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 18 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Anthracene, water, unfiltered, recoverable, μg/L (34220)	Benzene, water, unfiltered, recoverable, μg/L (34030)	Benzo[a]anthracene, water, unfiltered, recoverable, μg/L (34526)	Benzo[a]pyrene, water, unfiltered, recoverable, μg/L (34247)	Benzo[a]fluoranthene, water, unfiltered, recoverable, μg/L (34230)	Benzo[ghi]perylene, water, unfiltered, recoverable, μg/L (34521)	Benzo[k]fluoranthene, water, unfiltered, recoverable, μg/L (34242)	Benzyl n-butyl phthalate, water, unfiltered, recoverable, μg/L (34292)	Bis(2-chloroethoxy)methane, water, unfiltered, recoverable, μg/L (34278)	Bis(2-chloroethyl) ether, water, unfiltered, recoverable, μg/L (34273)
09-28-2009	M	< .02	< 0.26	< 0.33	< 0.40	< 0.4	< 0.4	< 2	< 0.2	< 0.30

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 19 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Bis(2-chloroisopropyl) ether, water, unfiltered, recoverable, μg/L (34283)	Bis(2-ethylhexyl) phthalate, water, unfiltered, recoverable, μg/L (39100)	Bromobenzene, water, unfiltered, recoverable, μg/L (81555)	Bromochloromethane, water, unfiltered, recoverable, μg/L (77297)	Bromodichloromethane, water, unfiltered, recoverable, μg/L (32101)	Bromoethene, water, unfiltered, recoverable, μg/L (50002)	Chlorobenzene, water, unfiltered, recoverable, μg/L (34301)	Chloroethane, water, unfiltered, recoverable, μg/L (34311)	Chloromethane, water, unfiltered, recoverable, μg/L (34418)	Chrysene, water, unfiltered, recoverable, μg/L (34320)
09-28-2009	< 0.38	< 2	< .02	< .06	E .07	< .1	< .02	< .1	< .1	< 0.33

404025073515102 Local number K 3271. 2—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 20 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	cis-1,2-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (77093)	Dibenzo-[a,h]anthracene, water, unfiltered, recoverable, μg/L (34556)	Dibromo-chloro-methane, water, unfiltered, recoverable, μg/L (32105)	Dibromo-methane, water, unfiltered, recoverable, μg/L (30217)	Dichloro-difluoro-methane, water, unfiltered, recoverable, μg/L (34668)	Dichloro-methane, water, unfiltered, recoverable, μg/L (34423)	Diethyl ether, water, unfiltered, recoverable, μg/L (81576)	Diethyl phthalate, water, unfiltered, recoverable, μg/L (34336)	Diisopropyl ether, water, unfiltered, recoverable, μg/L (81577)	Dimethyl phthalate, water, unfiltered, recoverable, μg/L (34341)
09-28-2009	E .03	< 0.4	< .1	< .04	< .10	M	< .1	< 0.61	< .06	< 0.4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 21 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Di-n-butyl phthalate, water, unfiltered, recoverable, μg/L (39110)	Di-n-octyl phthalate, water, unfiltered, recoverable, μg/L (34596)	Ethyl methacrylate, water, unfiltered, recoverable, μg/L (73570)	Ethyl methyl ketone, water, unfiltered, recoverable, μg/L (81595)	Ethyl-benzene, water, unfiltered, recoverable, μg/L (34371)	Fluoranthene, water, unfiltered, recoverable, μg/L (34376)	Hexa-chloro-butadiene, water, unfiltered, recoverable, μg/L (39702)	Hexa-chloro-cyclopentadiene, water, unfiltered, recoverable, μg/L (34386)	Hexa-chloro-ethane, water, unfiltered, recoverable, μg/L (34396)	Indeno-[1,2,3-cd]-pyrene, water, unfiltered, recoverable, μg/L (34403)
09-28-2009	< 1	< 0.6	< .1	< 1.6	< .04	< 0.30	< .1	< 0.4	< .1	< 0.4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 22 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Isobutyl methyl ketone, water, unfiltered, recoverable, μg/L (78133)	Isophorone, water, unfiltered, recoverable, μg/L (34408)	Isopropyl-benzene, water, unfiltered, recoverable, μg/L (77223)	Methyl acetate, water, unfiltered, recoverable, μg/L (77032)	Methyl acrylate, water, unfiltered, recoverable, μg/L (49991)	Methyl acrylonitrile, water, unfiltered, recoverable, μg/L (81593)	Methyl methacrylate, water, unfiltered, recoverable, μg/L (81597)	Methyl tert-butyl ether, water, unfiltered, recoverable, μg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recoverable, μg/L (50005)	Methylene blue active substances, water, unfiltered, recoverable, mg/L (38260)
09-28-2009	< .4	< 0.4	< .04	< .4	< .6	< .2	< .2	E .07	< .06	< .10

404025073515102 Local number K 3271. 2—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 23 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	m-Xylene plus p-xylene, water, unfiltered, recoverable, μg/L (85795)	Naphthalene, water, unfiltered, recoverable, μg/L (34696)	n-Butyl methyl ketone, water, unfiltered, recoverable, μg/L (77103)	n-Butylbenzene, water, unfiltered, recoverable, μg/L (77342)	Nitrobenzene, water, unfiltered, recoverable, μg/L (34447)	N-Nitrosodimethylamine, water, unfiltered, recoverable, μg/L (34438)	N-Nitrosodipropylamine, water, unfiltered, recoverable, μg/L (34428)	N-Nitrosodiphenylamine, water, unfiltered, recoverable, μg/L (34433)	n-Propylbenzene, water, unfiltered, recoverable, μg/L (77224)	o-Xylene, water, unfiltered, recoverable, μg/L (77135)
09-28-2009	< .08	< .2	< .6	< .1	< 0.2	< 0.2	< 0.4	< 0.4	< .04	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 24 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Phenanthrene, water, unfiltered, recoverable, μg/L (34461)	Phenol, water, unfiltered, recoverable, μg/L (34694)	Pyrene, water, unfiltered, recoverable, μg/L (34469)	sec-Butylbenzene, water, unfiltered, recoverable, μg/L (77350)	Styrene, water, unfiltered, recoverable, μg/L (77128)	tert-Amyl alcohol, water, unfiltered, recoverable, μg/L (77073)	tert-Butyl alcohol, water, unfiltered, recoverable, μg/L (77035)	tert-Butyl ethyl ether, water, unfiltered, recoverable, μg/L (50004)	tert-Butylbenzene, water, unfiltered, recoverable, μg/L (77353)	Tetrachloroethene, water, unfiltered, recoverable, μg/L (34475)
09-28-2009	< 0.32	< .4	< 0.35	< .02	< .04	< .6	< 1.00	< .04	< .06	2.43

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 25 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Tetrachloromethane, water, unfiltered, recoverable, μg/L (32102)	Tetrahydrofuran, water, unfiltered, recoverable, μg/L (81607)	Toluene, water, unfiltered, recoverable, μg/L (34010)	trans-1,2-Dichloroethene, water, unfiltered, recoverable, μg/L (34546)	trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, μg/L (73547)	Tribromomethane, water, unfiltered, recoverable, μg/L (32104)	Trichloroethene, water, unfiltered, recoverable, μg/L (39180)	Trichlorofluoromethane, water, unfiltered, recoverable, μg/L (34488)	Trichloromethane, water, unfiltered, recoverable, μg/L (32106)	Vinyl chloride, water, unfiltered, recoverable, μg/L (39175)
09-28-2009	< .06	< 1	< .02	< .02	< .4	< .10	.82	< .08	1.44	< .1



Water-Data Report 2009

404039073555001 Local number K 3425. 1

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

LOCATION.--Lat 40°40'39", long 73°55'50" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030201, at east side of Utica Avenue, 50 ft north of Atlantic Avenue, southernmost well, Bedford-Stuyvesant.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 80 ft. Upper casing diameter 2 in; top of first opening 70 ft, bottom of last opening 75 ft.

DATUM.--Land-surface datum is 61.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.05 ft below land-surface datum.

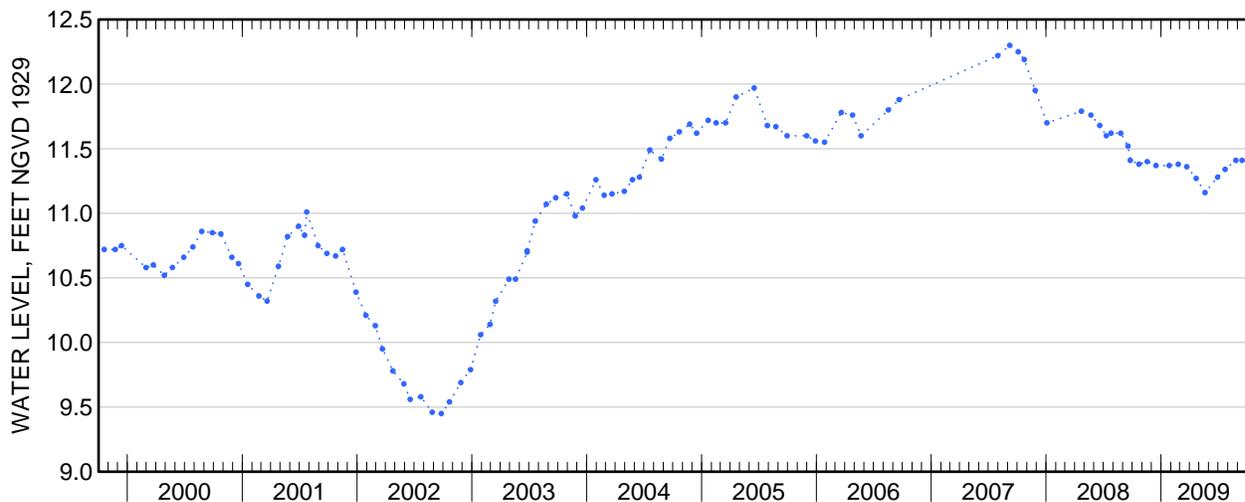
PERIOD OF RECORD.--March 1993 to September 2006 and July 2007 to current year.

GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.40 ft above sea level, July 28, 1998; lowest measured, 9.45 ft above sea level, September 25, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 22	11.38	Apr 22	11.27
Nov 17	11.40	May 20	11.16
Dec 15	11.37	Jun 29	11.28
Jan 26	11.37	Jul 23	11.34
Feb 24	11.38	Aug 26	11.41
Mar 23	11.36	Sep 15	11.41





Water-Data Report 2009

404039073555002 Local number K 3410. 1

Northern Atlantic Coastal Plain aquifer system
 Lloyd Aquifer
 Kings County, NY

LOCATION.--Lat 40°40'39", long 73°55'50" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030201, at east side of Utica Avenue, 54 ft north of Atlantic Avenue, northernmost well, Bedford-Stuyvesant.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 360 ft. Upper casing diameter 4 in; top of first opening 330 ft, bottom of last opening 350 ft.

DATUM.--Land-surface datum is 61.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.09 ft below land-surface datum.

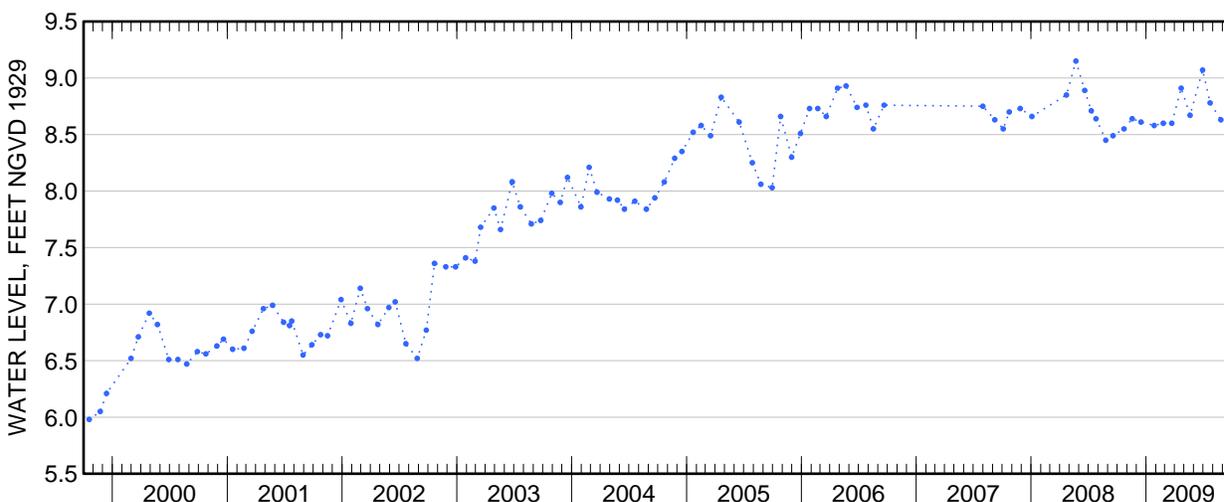
PERIOD OF RECORD.--March 1995 to September 2006 and July 2007 to current year.

GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.15 ft above sea level, May 22, 2008; lowest measured, 5.59 ft above sea level, August 17, 1999.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 22	8.55	Apr 22	8.91
Nov 17	8.64	May 20	8.67
Dec 15	8.61	Jun 29	9.07
Jan 26	8.58	Jul 23	8.78
Feb 24	8.60	Aug 26	8.63
Mar 23	8.60	Sep 15	8.61





Water-Data Report 2009

404136073584001 Local number K 3276. 2

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

LOCATION.--Lat 40°41'36.0", long 73°58'39.6" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030201, at east side of Saint Edwards Street, south of Myrtle Avenue, Fort Greene.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 60 ft. Upper casing diameter 2 in; top of first opening 50 ft, bottom of last opening 60 ft.

DATUM.--Land-surface datum is 42 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.41 ft below land-surface datum.

PERIOD OF RECORD.--June 2004 to September 2006 and August 2007 to current year.

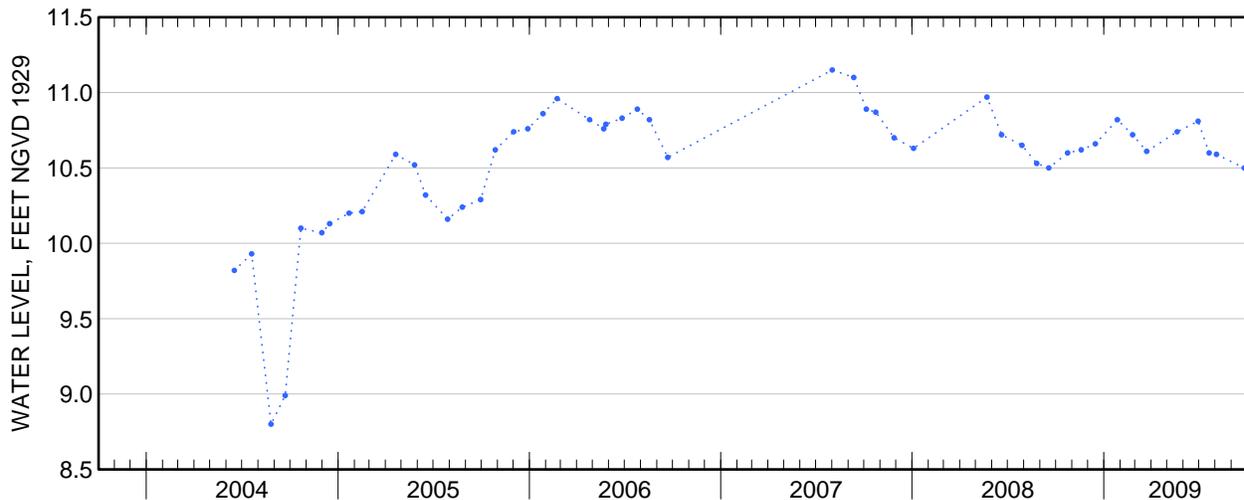
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well K3276.1 in April 2004 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.15 ft above sea level, August 1, 2007; lowest measured, 8.80 ft above sea level, August 25, 2004.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 23	10.60	May 20	10.74
Nov 18	10.62	Jun 29	10.81
Dec 15	10.66	Jul 20	10.60
Jan 26	10.82	Aug 3	10.59
Feb 24	10.72	Sep 25	10.50
Mar 23	10.61		



WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Depth to water level, ft below land surface (72019)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Dissolved solids dried at 180 °C, water, filtered, mg/L (70300)	Calcium, water, unfiltered, recoverable, mg/L (00916)	Magnesium, water, unfiltered, recoverable, mg/L (00927)
08-03-2009	1000	31.41	5.8	8.2	346	12.6	2.3	237	35.4	13.3

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Potassium, water, unfiltered, recoverable, mg/L (00937)	Sodium, water, unfiltered, recoverable, mg/L (00929)	ANC, water, unfiltered, fixed endpoint titration, laboratory, mg/L as CaCO ₃ (90410)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)
08-03-2009	1.61	12.9	66	46.9	.74	17.3	24.1	< .020	2.98	< .002

404136073584001 Local number K 3276. 2—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Orthophosphate, water, filtered, mg/L as P (00671)	Barium, water, unfiltered, recoverable, μg/L (01007)	Cadmium, water, unfiltered, μg/L (01027)	Chromium, water, unfiltered, recoverable, μg/L (01034)	Copper, water, unfiltered, recoverable, μg/L (01042)	Iron, water, filtered, μg/L (01046)	Iron, water, unfiltered, recoverable, μg/L (01045)	Lead, water, unfiltered, recoverable, μg/L (01051)	Manganese, water, filtered, μg/L (01056)	Manganese, water, unfiltered, recoverable, μg/L (01055)
08-03-2009	.020	61.3	E .05	237	16.9	5	3,980	3.09	.5	131

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 4 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Mercury, water, unfiltered, recoverable, μg/L (71900)	Silver, water, unfiltered, recoverable, μg/L (01077)	Zinc, water, unfiltered, recoverable, μg/L (01092)	Arsenic, water, unfiltered, μg/L (01002)	Selenium, water, unfiltered, μg/L (01147)	1,2,3-Trichloro-propane, water, unfiltered, recoverable, μg/L (77443)	1,2-Dibromo-3-chloro-propane, water, unfiltered, recoverable, μg/L (82625)	1,2-Dibromo-ethane, water, unfiltered, recoverable, μg/L (77651)	1,2-Dichloro-ethane, water, unfiltered, recoverable, μg/L (32103)	1,2-Dichloro-propane, water, unfiltered, recoverable, μg/L (34541)
08-03-2009	< .010	.33	9.3	2.0	.60	< .12	< 1.0	< .04	< .1	E .08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 5 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	1,3-Dichloro-propane, water, unfiltered, recoverable, μg/L (77173)	1,4-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34571)	1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49295)	2,4,6-Trichloro-phenol, water, unfiltered, recoverable, μg/L (34621)	2,4-Dichloro-phenol, water, unfiltered, recoverable, μg/L (34601)	2,4-Dimethyl-phenol, water, unfiltered, recoverable, μg/L (34606)	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)
08-03-2009	< .1	< .02	< .04	< 0.6	< 0.39	< .8	< .006	< .010	< .014	< .010

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	2-Methyl-4,6-dinitrophenol, water, unfiltered, recoverable, μg/L (34657)	3,4-Dichloroaniline, water, filtered, recoverable, μg/L (61625)	3-Chloropropene, water, unfiltered, recoverable, μg/L (78109)	4-Chloro-2-methylphenol, water, filtered, recoverable, μg/L (61633)	4-Chloro-3-methylphenol, water, filtered, recoverable, μg/L (34452)	4-Nitrophenol, water, unfiltered, recoverable, μg/L (34646)	Acetochlor, water, filtered, recoverable, μg/L (49260)	Acrylonitrile, water, unfiltered, recoverable, μg/L (34215)	Alachlor, water, filtered, recoverable, μg/L (46342)	Aldrin, water, unfiltered, recoverable, μg/L (39330)
08-03-2009	< 0.77	< .004	< .08	< .005	< 0.55	< 0.51	< .010	< 0.4	< .008	< .01

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	alpha-Endosulfan, water, unfiltered, recoverable, μg/L (39388)	Atrazine, water, filtered, recoverable, μg/L (39632)	Azinphosmethyl oxygen analog, water, filtered, recoverable, μg/L (61635)	Azinphosmethyl, 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)	Bromomethane, water, unfiltered, recoverable, μg/L (34413)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82680)	Carbon disulfide, water, unfiltered, recoverable, μg/L (77041)	Chlordane (technical), water, unfiltered, recoverable, μg/L (39350)
08-03-2009	< .01	< .007	< .04	< .120	< .014	< .4	< .200	< .04	< .1

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Chlorpyrifos oxygen analog, water, filtered, recoverable, μg/L (61636)	Chlorpyrifos, water, filtered, recoverable, μg/L (38933)	cis-1,3-Dichloropropene, water, unfiltered, recoverable, μg/L (34704)	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)	Desulfinylfipronil amide, water, filtered, recoverable, μg/L (62169)	Desulfinylfipronil, water, filtered, recoverable, μg/L (62170)	Diazinon, water, filtered, recoverable, μg/L (39572)
08-03-2009	< .05	< .010	< .10	< .014	< .016	< .020	< .006	< .029	< .012	< .005

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Dichlorvos, water, filtered, recover- able, μg/L (38775)	Dicroto- phos, water, filtered, recover- able, μg/L (38454)	Dieldrin, water, filtered, recover- able, μg/L (39381)	Dieldrin, water, unfiltered, recover- able, μg/L (39380)	Dimetho- ate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82662)	Endrin, water, unfiltered, recover- able, μg/L (39390)	Ethion monoxon, water, filtered, recover- able, μg/L (61644)	Ethion, water, filtered, recover- able, μg/L (82346)	Fenami- phos sulfone, water, filtered, recover- able, μg/L (61645)	Fenami- phos sulfoxide, water, filtered, recover- able, μg/L (61646)
08-03-2009	< .02	< .08	< .009	< .008	< .006	< .01	< .02	< .012	< .053	< .08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Fenami- phos, water, filtered, recover- able, μg/L (61591)	Fipronil sulfide, water, filtered, recover- able, μg/L (62167)	Fipronil, water, filtered, recover- able, μg/L (62166)	Fonofos, water, filtered, recover- able, μg/L (04095)	Heptachlor epoxide, water, unfiltered, recover- able, μg/L (39420)	Heptachlor, water, unfiltered, recover- able, μg/L (39410)	Hexa- chloro- benzene, water, unfiltered, recover- able, μg/L (39700)	Hexa- zinone, water, filtered, recover- able, μg/L (04025)	Iodo- methane, water, unfiltered, recover- able, μg/L (77424)	Iprodione, water, filtered, recover- able, μg/L (61593)
08-03-2009	< .03	< .013	< .040	< .010	< .009	< .01	< 0.30	< .008	< .80	< .014

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Isofenphos, water, filtered, recover- able, μg/L (61594)	Lindane, water, unfiltered, recover- able, μg/L (39340)	Malaoxon, water, filtered, recover- able, μg/L (61652)	Malathion, water, filtered, recover- able, μg/L (39532)	Metalaxyl, water, filtered, recover- able, μg/L (61596)	Methida- thion, water, filtered, recover- able, μg/L (61598)	Methyl paraoxon, water, filtered, recover- able, μg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82667)	Metola- chlor, water, filtered, recover- able, μg/L (39415)	Metribuzin, water, filtered, recover- able, μg/L (82630)
08-03-2009	< .006	< .014	< .080	< .020	< .007	< .006	< .01	< .008	< .014	< .016

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WATER-QUALITY DATA
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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Mirex, water, unfiltered, recover- able, μg/L (39755)	Myclo- butanil, water, filtered, recover- able, μg/L (61599)	p,p'-DDD, water, unfiltered, recover- able, μg/L (39360)	p,p'-DDE, water, unfiltered, recover- able, μg/L (39365)	p,p'-DDT, water, unfiltered, recover- able, μg/L (39370)	p,p'- Methoxy- chlor, water, unfiltered, recover- able, μg/L (39480)	Pendi- methalin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82683)	Penta- chloro- phenol, water, unfiltered, recover- able, μg/L (39032)	Phorate oxygen analog, water, filtered, recover- able, μg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82664)
08-03-2009	< .006	< .010	< .016	< .014	< .010	< .002	< .012	< 1	< .03	< .020

WATER-QUALITY DATA
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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Phosmet oxygen analog, water, filtered, recover- able, μg/L (61668)	Phosmet, water, filtered, recover- able, μg/L (61601)	Prometon, water, filtered, recover- able, μg/L (04037)	Prometryn, water, filtered, recover- able, μg/L (04036)	Propyz- amide, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82676)	Simazine, water, filtered, recover- able, μg/L (04035)	Tebu- thiuron, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82670)	Terbufos oxygen analog sulfone, water, filtered, recover- able, μg/L (61674)	Terbuthyl- azine, water, filtered, recover- able, μg/L (04022)	Toxaphene, water, unfiltered, recover- able, μg/L (39400)
08-03-2009	< .05	< .200	< .01	< .006	< .004	< .010	< .02	< .04	< .01	< 1

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WATER-QUALITY DATA
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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	trans-1,3-Dichloropropene, water, unfiltered, recoverable, μg/L (34699)	Tribuphos, water, filtered, recoverable, μg/L (61610)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82661)	PCBs, water, unfiltered, recoverable, μg/L (39516)	1,1,1,2-Tetrachloroethane, water, unfiltered, recoverable, μg/L (77562)	1,1,1-Tri-chloro-ethane, water, unfiltered, recoverable, μg/L (34506)	1,1,2,2-Tetra-chloro-ethane, water, unfiltered, recoverable, μg/L (34516)	1,1,2-Tri-chloro-1,2,2-trifluoro-ethane, water, unfiltered, recoverable, μg/L (77652)	1,1,2-Tri-chloro-ethane, water, unfiltered, recoverable, μg/L (34511)	1,1-Di-chloro-ethane, water, unfiltered, recoverable, μg/L (34496)
08-03-2009	< .10	< .035	< .012	< .1	< .04	< .02	< .10	< .04	< .06	< .04

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	1,1-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (34501)	1,1-Di-chloro-propene, water, unfiltered, recoverable, μg/L (77168)	1,2,3,4-Tetra-methyl-benzene, water, unfiltered, recoverable, μg/L (49999)	1,2,3,5-Tetra-methyl-benzene, water, unfiltered, recoverable, μg/L (50000)	1,2,3-Tri-chloro-benzene, water, unfiltered, recoverable, μg/L (77613)	1,2,3-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77221)	1,2,4-Tri-chloro-benzene, water, unfiltered, recoverable, μg/L (34551)	1,2,4-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77222)	1,2-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34536)	1,2-Diphenyl-hydrazine, water, unfiltered, recoverable, μg/L (82626)
08-03-2009	< .02	< .04	< .1	< .1	< .1	< .1	< 0.04	< .04	< .02	< 0.30

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	1,3,5-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77226)	1,3-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34566)	2,2-Di-chloro-propane, water, unfiltered, recoverable, μg/L (77170)	2,4-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34611)	2,6-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34626)	2-Chloro-naph-thalene, water, unfiltered, recoverable, μg/L (34581)	2-Chloro-phenol, water, unfiltered, recoverable, μg/L (34586)	2-Chloro-toluene, water, unfiltered, recoverable, μg/L (77275)	2-Ethyl-toluene, water, unfiltered, recoverable, μg/L (77220)	2-Nitro-phenol, water, unfiltered, recoverable, μg/L (34591)
08-03-2009	< .04	< .02	< .06	< 0.6	< 0.43	< 0.2	< 0.42	< .02	< .02	< 0.4

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WATER-QUALITY DATA
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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	3,3'-Dichlorobenzidine, water, unfiltered, recoverable, μg/L (34631)	4-Bromophenyl ether, water, unfiltered, recoverable, μg/L (34636)	4-Chlorophenyl ether, water, unfiltered, recoverable, μg/L (34641)	4-Chlorotoluene, water, unfiltered, recoverable, μg/L (77277)	4-Iso-propyltoluene, water, unfiltered, recoverable, μg/L (77356)	9H-Fluorene, water, unfiltered, recoverable, μg/L (34381)	Acenaphthene, water, unfiltered, recoverable, μg/L (34205)	Acenaphthylene, water, unfiltered, recoverable, μg/L (34200)	Acetone, water, unfiltered, recoverable, μg/L (81552)	Anthracene, water, unfiltered, recoverable, μg/L (34220)
08-03-2009	< 0.4	< 0.36	< 0.34	< .02	< .06	< 0.33	< 0.28	< 0.30	< 4	< 0.39

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WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Benzene, water, unfiltered, recoverable, μg/L (34030)	Benzo[a]anthracene, water, unfiltered, recoverable, μg/L (34526)	Benzo[a]pyrene, water, unfiltered, recoverable, μg/L (34247)	Benzo[a]fluoranthene, water, unfiltered, recoverable, μg/L (34230)	Benzo[ghi]perylene, water, unfiltered, recoverable, μg/L (34521)	Benzo[k]fluoranthene, water, unfiltered, recoverable, μg/L (34242)	Benzyl n-butyl phthalate, water, unfiltered, recoverable, μg/L (34292)	Bis(2-chloroethoxy)methane, water, unfiltered, recoverable, μg/L (34278)	Bis(2-chloroethyl) ether, water, unfiltered, recoverable, μg/L (34273)	Bis(2-chloroisopropyl) ether, water, unfiltered, recoverable, μg/L (34283)
08-03-2009	< .02	< 0.26	< 0.33	< 0.40	< 0.4	< 0.4	< 2	< 0.2	< 0.30	< 0.38

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Bis(2-ethylhexyl) phthalate, water, unfiltered, recoverable, μg/L (39100)	Bromobenzene, water, unfiltered, recoverable, μg/L (81555)	Bromochloromethane, water, unfiltered, recoverable, μg/L (77297)	Bromodichloromethane, water, unfiltered, recoverable, μg/L (32101)	Bromoethene, water, unfiltered, recoverable, μg/L (50002)	Chlorobenzene, water, unfiltered, recoverable, μg/L (34301)	Chloroethane, water, unfiltered, recoverable, μg/L (34311)	Chloromethane, water, unfiltered, recoverable, μg/L (34418)	Chrysene, water, unfiltered, recoverable, μg/L (34320)	cis-1,2-Dichloroethene, water, unfiltered, recoverable, μg/L (77093)
08-03-2009	< 2	< .02	< .06	.21	< .1	< .02	< .1	< .1	< 0.33	E .04

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Dibenzo- [a,h]anthra- cene, water, unfiltered, recover- able, μg/L (34556)	Dibromo- chloro- methane, water, unfiltered, recover- able, μg/L (32105)	Dibromo- methane, water, unfiltered, recover- able, μg/L (30217)	Dichloro- difluoro- methane, water, unfiltered, recover- able, μg/L (34668)	Dichloro- methane, water, unfiltered, recover- able, μg/L (34423)	Diethyl ether, water, unfiltered, recover- able, μg/L (81576)	Diethyl phthalate, water, unfiltered, recover- able, μg/L (34336)	Diisopropyl ether, water, unfiltered, recover- able, μg/L (81577)	Dimethyl phthalate, water, unfiltered, recover- able, μg/L (34341)	Di-n-butyl phthalate, water, unfiltered, recover- able, μg/L (39110)
08-03-2009	< 0.4	< .1	< .04	< .10	.2	< .1	< 0.61	< .06	< 0.4	< 1

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Di-n-octyl phthalate, water, unfiltered, recover- able, μg/L (34596)	Ethyl metha- crylate, water, unfiltered, recover- able, μg/L (73570)	Ethyl methyl ketone, water, unfiltered, recover- able, μg/L (81595)	Ethyl- benzene, water, unfiltered, recover- able, μg/L (34371)	Fluoran- thene, water, unfiltered, recover- able, μg/L (34376)	Hexa- chloro- butadiene, water, unfiltered, recover- able, μg/L (39702)	Hexa- chloro- cyclopenta- diene, water, unfiltered, recover- able, μg/L (34386)	Hexa- chloro- ethane, water, unfiltered, recover- able, μg/L (34396)	Indeno- [1,2,3-cd]- pyrene, water, unfiltered, recover- able, μg/L (34403)	Isobutyl methyl ketone, water, unfiltered, recover- able, μg/L (78133)
08-03-2009	< 0.6	< .1	< 1.6	< .04	< 0.30	< .1	< 0.4	< .1	< 0.4	< .4

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Isophorone, water, unfiltered, recover- able, μg/L (34408)	Isopropyl- benzene, water, unfiltered, recover- able, μg/L (77223)	Methyl acetate, water, unfiltered, recover- able, μg/L (77032)	Methyl acrylate, water, unfiltered, recover- able, μg/L (49991)	Methyl acrylo- nitrile, water, unfiltered, recover- able, μg/L (81593)	Methyl metha- crylate, water, unfiltered, recover- able, μg/L (81597)	Methyl tert-butyl ether, water, unfiltered, recover- able, μg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recover- able, μg/L (50005)	Methylene blue active sub- stances, water, unfiltered, recover- able, mg/L (38260)	m-Xylene plus p- xylene, water, unfiltered, recover- able, μg/L (85795)
08-03-2009	< 0.4	< .04	< .4	< .6	< .2	< .2	< .10	< .06	< .10	< .08

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WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Naphthalene, water, unfiltered, recoverable, μg/L (34696)	n-Butyl methyl ketone, water, unfiltered, recoverable, μg/L (77103)	n-Butyl benzene, water, unfiltered, recoverable, μg/L (77342)	Nitrobenzene, water, unfiltered, recoverable, μg/L (34447)	N-Nitrosodimethylamine, water, unfiltered, recoverable, μg/L (34438)	N-Nitrosopropylamine, water, unfiltered, recoverable, μg/L (34428)	N-Nitrosodiphenylamine, water, unfiltered, recoverable, μg/L (34433)	n-Propylbenzene, water, unfiltered, recoverable, μg/L (77224)	o-Xylene, water, unfiltered, recoverable, μg/L (77135)	Phenanthrene, water, unfiltered, recoverable, μg/L (34461)
08-03-2009	< .2	< .6	< .1	< 0.2	< 0.2	< 0.4	< 0.4	< .04	< .04	< 0.32

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 24 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Phenol, water, unfiltered, recoverable, μg/L (34694)	Pyrene, water, unfiltered, recoverable, μg/L (34469)	sec-Butylbenzene, water, unfiltered, recoverable, μg/L (77350)	Styrene, water, unfiltered, recoverable, μg/L (77128)	tert-Amyl alcohol, water, unfiltered, recoverable, μg/L (77073)	tert-Butyl alcohol, water, unfiltered, recoverable, μg/L (77035)	tert-Butyl ethyl ether, water, unfiltered, recoverable, μg/L (50004)	tert-Butylbenzene, water, unfiltered, recoverable, μg/L (77353)	Tetrachloroethene, water, unfiltered, recoverable, μg/L (34475)	Tetrachloromethane, water, unfiltered, recoverable, μg/L (32102)
08-03-2009	< .4	< 0.35	< .02	< .04	< .6	< 1.00	< .04	< .06	E .04	.14

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 25 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Tetrahydrofuran, water, unfiltered, recoverable, μg/L (81607)	Toluene, water, unfiltered, recoverable, μg/L (34010)	trans-1,2-Dichloroethene, water, unfiltered, recoverable, μg/L (34546)	trans-1,4-Dichlorobutene, water, unfiltered, recoverable, μg/L (73547)	Tribromomethane, water, unfiltered, recoverable, μg/L (32104)	Trichloroethene, water, unfiltered, recoverable, μg/L (39180)	Trichlorofluoromethane, water, unfiltered, recoverable, μg/L (34488)	Trichloromethane, water, unfiltered, recoverable, μg/L (32106)	Vinyl chloride, water, unfiltered, recoverable, μg/L (39175)
08-03-2009	< 1	< .02	< .02	< .4	< .10	1.28	< .08	63.2	< .1



Water-Data Report 2009

404155073552109 Local number K 3245. 2

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

LOCATION.--Lat 40°41'55", long 73°55'21" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030201, at west side of Wilson Avenue, 54 ft north of Stanhope Street, Bushwick.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 21.9 ft. Upper casing diameter 2 in; top of first opening 16.9 ft, bottom of last opening 21.9 ft.

DATUM.--Land-surface datum is 30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.99 ft below land-surface datum.

PERIOD OF RECORD.--October 2000 to September 2006 and October 2007 to current year.

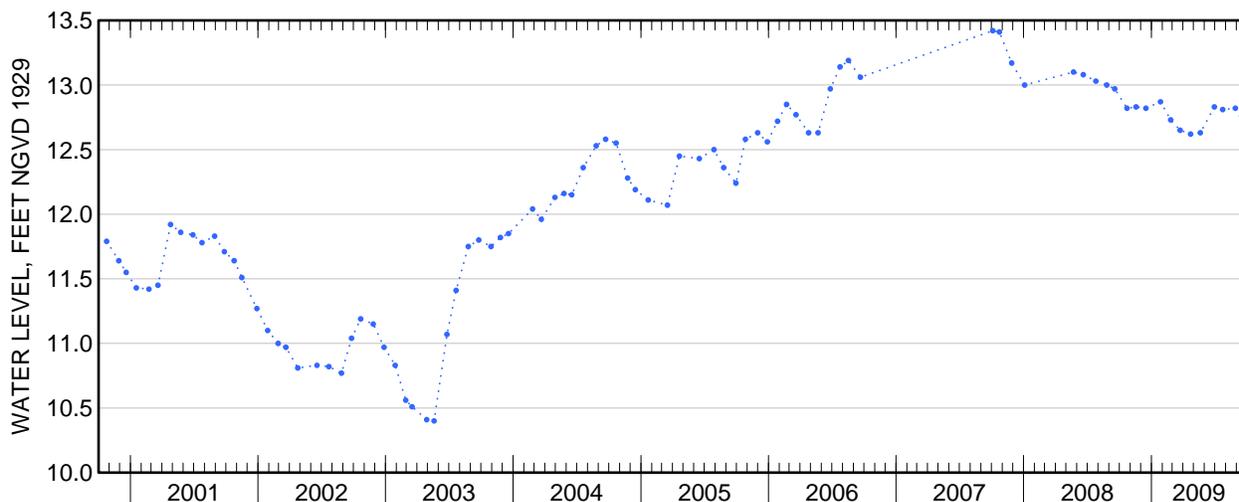
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well K3245.1 in October 2000 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.42 ft above sea level, October 4, 2007; lowest measured, 10.40 ft above sea level, May 19, 2003.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 22	12.82	Apr 22	12.62
Nov 17	12.83	May 20	12.63
Dec 15	12.82	Jun 29	12.83
Jan 26	12.87	Jul 23	12.81
Feb 24	12.73	Aug 28	12.82
Mar 23	12.65	Sep 15	12.76





Water-Data Report 2009

404206073564601 Local number K 3483. 1

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

LOCATION.--Lat 40°42'06", long 73°56'46" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030201, at east side of Throop Avenue, north of Bartlett Street, Thompkins Park North.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 45.6 ft. Upper casing diameter 2 in; top of first opening 30.6 ft, bottom of last opening 40.6 ft.

DATUM.--Land-surface datum is 16 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.52 ft below land-surface datum.

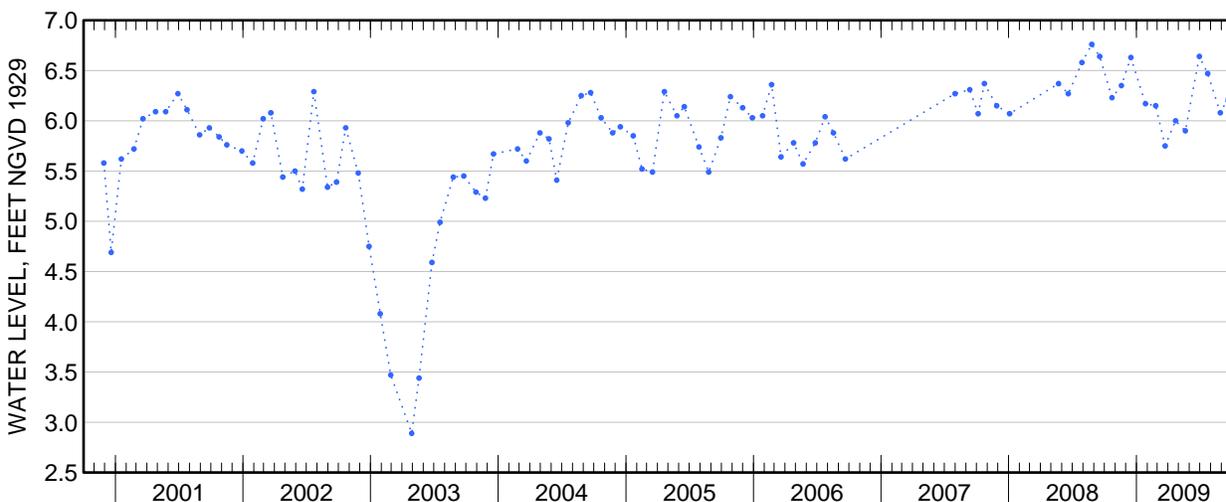
PERIOD OF RECORD.--November 2000 to September 2006 and July 2007 to current year.

GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.76 ft above sea level, August 25, 2008; lowest measured, 2.89 ft above sea level, April 28, 2003.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 22	6.23	May 20	5.90
Nov 18	6.35	Jun 29	6.64
Dec 15	6.63	Jul 23	6.47
Jan 26	6.17	Aug 28	6.08
Feb 24	6.15	Sep 14	6.19
Mar 23	5.75	15	6.23
Apr 22	6.00		



WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Depth to water level, ft below land surface (72019)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Dissolved solids dried at 180 °C, water, filtered, mg/L (70300)	Calcium, water, unfiltered, recoverable, mg/L (00916)	Magnesium, water, unfiltered, recoverable, mg/L (00927)
09-14-2009	0955	9.81	< 1.0	7.3	1,140	16.8	4.6	752	105	44.1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Potassium, water, unfiltered, recoverable, mg/L (00937)	Sodium, water, unfiltered, recoverable, mg/L (00929)	ANC, water, unfiltered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as CaCO ₃ (90410)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)
09-14-2009	5.05	68.1	279	98.8	E .08	20.1	194	.221	.05	.004

404206073564601 Local number K 3483. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Orthophosphate, water, filtered, mg/L as P (00671)	Barium, water, unfiltered, recoverable, μg/L (01007)	Cadmium, water, unfiltered, μg/L (01027)	Chromium, water, unfiltered, recoverable, μg/L (01034)	Copper, water, unfiltered, recoverable, μg/L (01042)	Iron, water, unfiltered, recoverable, μg/L (01046)	Iron, water, unfiltered, recoverable, μg/L (01045)	Lead, water, unfiltered, recoverable, μg/L (01051)	Manganese, water, filtered, μg/L (01056)	Manganese, water, unfiltered, recoverable, μg/L (01055)
09-14-2009	.014	75.7	.09	2.5	12.0	38	1,640	5.47	597	682

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 4 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Mercury, water, unfiltered, recoverable, μg/L (71900)	Silver, water, unfiltered, recoverable, μg/L (01077)	Zinc, water, unfiltered, recoverable, μg/L (01092)	Arsenic, water, unfiltered, μg/L (01002)	Selenium, water, unfiltered, μg/L (01147)	1,2,3-Trichloro-propane, water, unfiltered, recoverable, μg/L (77443)	1,2-Dibromo-3-chloro-propane, water, unfiltered, recoverable, μg/L (82625)	1,2-Dibromo-ethane, water, unfiltered, recoverable, μg/L (77651)	1,2-Dichloro-ethane, water, unfiltered, recoverable, μg/L (32103)	1,2-Dichloro-propane, water, unfiltered, recoverable, μg/L (34541)
09-14-2009	< .010	< .06	18.5	2.1	< .12	< .12	< 1.0	< .04	.3	E .03

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 5 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	1,3-Dichloro-propane, water, unfiltered, recoverable, μg/L (77173)	1,4-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34571)	1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49295)	2,4,6-Trichloro-phenol, water, unfiltered, recoverable, μg/L (34621)	2,4-Dichloro-phenol, water, unfiltered, recoverable, μg/L (34601)	2,4-Dimethyl-phenol, water, unfiltered, recoverable, μg/L (34606)	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)
09-14-2009	< .1	< .02	< .04	< 0.6	< 0.39	< .8	< .006	< .010	< .014	< .010

404206073564601 Local number K 3483. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 6 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	2-Methyl-4,6-dinitrophenol, water, unfiltered, recoverable, μg/L (34657)	3,4-Dichloroaniline, water, filtered, recoverable, μg/L (61625)	3-Chloropropene, water, unfiltered, recoverable, μg/L (78109)	4-Chloro-2-methylphenol, water, filtered, recoverable, μg/L (61633)	4-Chloro-3-methylphenol, water, filtered, recoverable, μg/L (34452)	4-Nitrophenol, water, unfiltered, recoverable, μg/L (34646)	Acetochlor, water, filtered, recoverable, μg/L (49260)	Acrylonitrile, water, unfiltered, recoverable, μg/L (34215)	Alachlor, water, filtered, recoverable, μg/L (46342)	Aldrin, water, unfiltered, recoverable, μg/L (39330)
09-14-2009	< 0.77	< .004	< .08	< .005	< 0.55	< 0.51	< .010	< 0.4	< .008	< .01

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 7 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	alpha-Endosulfan, water, unfiltered, recoverable, μg/L (39388)	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)	Bromo-methane, water, unfiltered, recoverable, μg/L (34413)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82680)	Carbon disulfide, water, unfiltered, recoverable, μg/L (77041)	Chlordane (technical), water, unfiltered, recoverable, μg/L (39350)
09-14-2009	< .01	< .007	< .04	< .120	< .014	< .4	< .200	< .04	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 8 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Chlorpyrifos oxygen analog, water, filtered, recoverable, μg/L (61636)	Chlorpyrifos, water, filtered, recoverable, μg/L (38933)	cis-1,3-Dichloropropene, water, unfiltered, recoverable, μg/L (34704)	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)
09-14-2009	< .05	< .010	< .10	< .014	< .016	< .020	< .006	< .029	< .012	< .005

404206073564601 Local number K 3483. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 9 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Dichlorvos, water, filtered, recover- able, μg/L (38775)	Dicroto- phos, water, filtered, recover- able, μg/L (38454)	Dieldrin, water, filtered, recover- able, μg/L (39381)	Dieldrin, water, unfiltered, recover- able, μg/L (39380)	Dimetho- ate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82662)	Endrin, water, unfiltered, recover- able, μg/L (39390)	Ethion monoxon, water, filtered, recover- able, μg/L (61644)	Ethion, water, filtered, recover- able, μg/L (82346)	Fenami- phos sulfone, water, filtered, recover- able, μg/L (61645)	Fenami- phos sulfoxide, water, filtered, recover- able, μg/L (61646)
09-14-2009	< .02	< .08	< .009	< .008	< .006	< .01	< .02	< .012	< .053	< .08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 10 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Fenami- phos, water, filtered, recover- able, μg/L (61591)	Fipronil sulfide, water, filtered, recover- able, μg/L (62167)	Fipronil, water, filtered, recover- able, μg/L (62166)	Fonofos, water, filtered, recover- able, μg/L (04095)	Heptachlor epoxide, water, unfiltered, recover- able, μg/L (39420)	Heptachlor, water, unfiltered, recover- able, μg/L (39410)	Hexa- chloro- benzene, water, unfiltered, recover- able, μg/L (39700)	Hexa- zinone, water, filtered, recover- able, μg/L (04025)	Iodo- methane, water, unfiltered, recover- able, μg/L (77424)	Iprodione, water, filtered, recover- able, μg/L (61593)
09-14-2009	< .03	< .013	< .040	< .010	< .009	< .01	< 0.30	< .008	< .80	< .014

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 11 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Isofenphos, water, filtered, recover- able, μg/L (61594)	Lindane, water, unfiltered, recover- able, μg/L (39340)	Malaoxon, water, filtered, recover- able, μg/L (61652)	Malathion, water, filtered, recover- able, μg/L (39532)	Metalaxyl, water, filtered, recover- able, μg/L (61596)	Methida- thion, water, filtered, recover- able, μg/L (61598)	Methyl paraoxon, water, filtered, recover- able, μg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82667)	Metola- chlor, water, filtered, recover- able, μg/L (39415)	Metribuzin, water, filtered, recover- able, μg/L (82630)
09-14-2009	< .006	< .014	< .080	< .020	< .007	< .006	< .01	< .008	< .014	< .016

404206073564601 Local number K 3483. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 12 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Mirex, water, unfiltered, recover- able, μg/L (39755)	Myclo- butanil, water, filtered, recover- able, μg/L (61599)	p,p'-DDD, water, unfiltered, recover- able, μg/L (39360)	p,p'-DDE, water, unfiltered, recover- able, μg/L (39365)	p,p'-DDT, water, unfiltered, recover- able, μg/L (39370)	p,p'- Methoxy- chlor, water, unfiltered, recover- able, μg/L (39480)	Pendi- methalin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82683)	Penta- chloro- phenol, water, unfiltered, recover- able, μg/L (39032)	Phorate oxygen analog, water, filtered, recover- able, μg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82664)
09-14-2009	< .006	< .010	< .016	< .014	< .010	< .002	< .012	< 1	< .03	< .020

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 13 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Phosmet oxygen analog, water, filtered, recover- able, μg/L (61668)	Phosmet, water, filtered, recover- able, μg/L (61601)	Prometon, water, filtered, recover- able, μg/L (04037)	Prometryn, water, filtered, recover- able, μg/L (04036)	Propyz- amide, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82676)	Simazine, water, filtered, recover- able, μg/L (04035)	Tebu- thiuron, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82670)	Terbufos oxygen analog sulfone, water, filtered, recover- able, μg/L (61674)	Terbuthyl- azine, water, filtered, recover- able, μg/L (04022)	Toxaphene, water, unfiltered, recover- able, μg/L (39400)
09-14-2009	< .05	< .200	< .01	< .006	< .004	< .010	< .02	< .04	< .01	< 1

404206073564601 Local number K 3483. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 14 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	trans-1,3-Dichloropropene, water, unfiltered, recoverable, μg/L (34699)	Tribuphos, water, filtered, recoverable, μg/L (61610)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82661)	PCBs, water, unfiltered, recoverable, μg/L (39516)	1,1,1,2-Tetrachloroethane, water, unfiltered, recoverable, μg/L (77562)	1,1,1-Tri-chloro-ethane, water, unfiltered, recoverable, μg/L (34506)	1,1,2,2-Tetra-chloro-ethane, water, unfiltered, recoverable, μg/L (34516)	1,1,2-Tri-chloro-1,2,2-trifluoro-ethane, water, unfiltered, recoverable, μg/L (77652)	1,1,2-Tri-chloro-ethane, water, unfiltered, recoverable, μg/L (34511)	1,1-Di-chloro-ethane, water, unfiltered, recoverable, μg/L (34496)
09-14-2009	< .10	< .035	< .012	< .1	< .04	E .02	< .10	E .01	< .06	.16

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 15 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	1,1-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (34501)	1,1-Di-chloro-propene, water, unfiltered, recoverable, μg/L (77168)	1,2,3,4-Tetra-methyl-benzene, water, unfiltered, recoverable, μg/L (49999)	1,2,3,5-Tetra-methyl-benzene, water, unfiltered, recoverable, μg/L (50000)	1,2,3-Tri-chloro-benzene, water, unfiltered, recoverable, μg/L (77613)	1,2,3-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77221)	1,2,4-Tri-chloro-benzene, water, unfiltered, recoverable, μg/L (34551)	1,2,4-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77222)	1,2-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34536)	1,2-Diphenyl-hydrazine, water, unfiltered, recoverable, μg/L (82626)
09-14-2009	.12	< .04	< .1	< .1	< .1	< .1	< 0.04	< .04	< .02	< 0.30

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 16 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	1,3,5-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77226)	1,3-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34566)	2,2-Di-chloro-propane, water, unfiltered, recoverable, μg/L (77170)	2,4-Dinitro-phenol, water, unfiltered, recoverable, μg/L (34616)	2,4-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34611)	2,6-Dinitro-toluene, water, unfiltered, recoverable, μg/L (34626)	2-Chloro-naphthalene, water, unfiltered, recoverable, μg/L (34581)	2-Chloro-phenol, water, unfiltered, recoverable, μg/L (34586)	2-Chloro-toluene, water, unfiltered, recoverable, μg/L (77275)	2-Ethyl-toluene, water, unfiltered, recoverable, μg/L (77220)
09-14-2009	< .04	< .02	< .06	< 1	< 0.6	< 0.43	< 0.2	< 0.42	< .02	< .02

404206073564601 Local number K 3483. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 17 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	2-Nitrophenol, water, unfiltered, recoverable, μg/L (34591)	3,3'-Dichlorobenzidine, water, unfiltered, recoverable, μg/L (34631)	4-Bromophenyl ether, water, unfiltered, recoverable, μg/L (34636)	4-Chlorophenyl ether, water, unfiltered, recoverable, μg/L (34641)	4-Chlorotoluene, water, unfiltered, recoverable, μg/L (77277)	4-Iso-propyltoluene, water, unfiltered, recoverable, μg/L (77356)	9H-Fluorene, water, unfiltered, recoverable, μg/L (34381)	Acenaphthene, water, unfiltered, recoverable, μg/L (34205)	Acenaphthylene, water, unfiltered, recoverable, μg/L (34200)	Acetone, water, unfiltered, recoverable, μg/L (81552)
09-14-2009	< 0.4	< 0.4	< 0.36	< 0.34	< .02	< .06	< 0.33	< 0.28	< 0.30	< 4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 18 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Anthracene, water, unfiltered, recoverable, μg/L (34220)	Benzene, water, unfiltered, recoverable, μg/L (34030)	Benzo[a]anthracene, water, unfiltered, recoverable, μg/L (34526)	Benzo[a]pyrene, water, unfiltered, recoverable, μg/L (34247)	Benzo[a]fluoranthene, water, unfiltered, recoverable, μg/L (34230)	Benzo[ghi]perylene, water, unfiltered, recoverable, μg/L (34521)	Benzo[k]fluoranthene, water, unfiltered, recoverable, μg/L (34242)	Benzyl n-butyl phthalate, water, unfiltered, recoverable, μg/L (34292)	Bis(2-chloroethoxy)methane, water, unfiltered, recoverable, μg/L (34278)	Bis(2-chloroethyl) ether, water, unfiltered, recoverable, μg/L (34273)
09-14-2009	< 0.39	E .04	< 0.26	< 0.33	< 0.40	< 0.4	< 0.4	< 2	< 0.2	< 0.30

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 19 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Bis(2-chloroisopropyl) ether, water, unfiltered, recoverable, μg/L (34283)	Bis(2-ethylhexyl) phthalate, water, unfiltered, recoverable, μg/L (39100)	Bromobenzene, water, unfiltered, recoverable, μg/L (81555)	Bromochloromethane, water, unfiltered, recoverable, μg/L (77297)	Bromodichloromethane, water, unfiltered, recoverable, μg/L (32101)	Bromoethene, water, unfiltered, recoverable, μg/L (50002)	Chlorobenzene, water, unfiltered, recoverable, μg/L (34301)	Chloroethane, water, unfiltered, recoverable, μg/L (34311)	Chloromethane, water, unfiltered, recoverable, μg/L (34418)	Chrysene, water, unfiltered, recoverable, μg/L (34320)
09-14-2009	< 0.38	< 2	< .02	< .06	< .04	< .1	< .02	< .1	< .1	< 0.33

404206073564601 Local number K 3483. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 20 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	cis-1,2-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (77093)	Dibenzo-[a,h]anthracene, water, unfiltered, recoverable, μg/L (34556)	Dibromo-chloro-methane, water, unfiltered, recoverable, μg/L (32105)	Dibromo-methane, water, unfiltered, recoverable, μg/L (30217)	Dichloro-difluoro-methane, water, unfiltered, recoverable, μg/L (34668)	Dichloro-methane, water, unfiltered, recoverable, μg/L (34423)	Diethyl ether, water, unfiltered, recoverable, μg/L (81576)	Diethyl phthalate, water, unfiltered, recoverable, μg/L (34336)	Diisopropyl ether, water, unfiltered, recoverable, μg/L (81577)	Dimethyl phthalate, water, unfiltered, recoverable, μg/L (34341)
09-14-2009	4.99	< 0.4	< .1	< .04	E .73	< 0.04	< .1	< 0.61	< .06	< 0.4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 21 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Di-n-butyl phthalate, water, unfiltered, recoverable, μg/L (39110)	Di-n-octyl phthalate, water, unfiltered, recoverable, μg/L (34596)	Ethyl methacrylate, water, unfiltered, recoverable, μg/L (73570)	Ethyl methyl ketone, water, unfiltered, recoverable, μg/L (81595)	Ethyl-benzene, water, unfiltered, recoverable, μg/L (34371)	Fluoranthene, water, unfiltered, recoverable, μg/L (34376)	Hexa-chloro-butadiene, water, unfiltered, recoverable, μg/L (39702)	Hexa-chloro-cyclopentadiene, water, unfiltered, recoverable, μg/L (34386)	Hexa-chloro-ethane, water, unfiltered, recoverable, μg/L (34396)	Indeno-[1,2,3-cd]-pyrene, water, unfiltered, recoverable, μg/L (34403)
09-14-2009	< 1	< 0.6	< .1	< 1.6	< .04	< 0.30	< .1	< 0.4	< .1	< 0.4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 22 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Isobutyl methyl ketone, water, unfiltered, recoverable, μg/L (78133)	Isophorone, water, unfiltered, recoverable, μg/L (34408)	Isopropyl-benzene, water, unfiltered, recoverable, μg/L (77223)	Methyl acetate, water, unfiltered, recoverable, μg/L (77032)	Methyl acrylate, water, unfiltered, recoverable, μg/L (49991)	Methyl acrylonitrile, water, unfiltered, recoverable, μg/L (81593)	Methyl methacrylate, water, unfiltered, recoverable, μg/L (81597)	Methyl tert-butyl ether, water, unfiltered, recoverable, μg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recoverable, μg/L (50005)	Methylene blue active substances, water, unfiltered, recoverable, mg/L (38260)
09-14-2009	< .4	< 0.4	< .04	< .4	< .6	< .2	< .2	.42	< .06	< .10

404206073564601 Local number K 3483. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 23 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	m-Xylene plus p-xylene, water, unfiltered, recoverable, μg/L (85795)	Naphthalene, water, unfiltered, recoverable, μg/L (34696)	n-Butyl methyl ketone, water, unfiltered, recoverable, μg/L (77103)	n-Butylbenzene, water, unfiltered, recoverable, μg/L (77342)	Nitrobenzene, water, unfiltered, recoverable, μg/L (34447)	N-Nitrosodimethylamine, water, unfiltered, recoverable, μg/L (34438)	N-Nitrosodipropylamine, water, unfiltered, recoverable, μg/L (34428)	N-Nitrosodiphenylamine, water, unfiltered, recoverable, μg/L (34433)	n-Propylbenzene, water, unfiltered, recoverable, μg/L (77224)	o-Xylene, water, unfiltered, recoverable, μg/L (77135)
09-14-2009	< .08	< .2	< .6	< .1	< 0.2	< 0.2	< 0.4	< 0.4	< .04	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 24 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Phenanthrene, water, unfiltered, recoverable, μg/L (34461)	Phenol, water, unfiltered, recoverable, μg/L (34694)	Pyrene, water, unfiltered, recoverable, μg/L (34469)	sec-Butylbenzene, water, unfiltered, recoverable, μg/L (77350)	Styrene, water, unfiltered, recoverable, μg/L (77128)	tert-Amyl alcohol, water, unfiltered, recoverable, μg/L (77073)	tert-Butyl alcohol, water, unfiltered, recoverable, μg/L (77035)	tert-Butyl ethyl ether, water, unfiltered, recoverable, μg/L (50004)	tert-Butylbenzene, water, unfiltered, recoverable, μg/L (77353)	Tetrachloroethene, water, unfiltered, recoverable, μg/L (34475)
09-14-2009	< 0.32	< .4	< 0.35	< .02	< .04	< .6	< 1.00	< .04	< .06	.40

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 25 of 25

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Tetrachloromethane, water, unfiltered, recoverable, μg/L (32102)	Tetrahydrofuran, water, unfiltered, recoverable, μg/L (81607)	Toluene, water, unfiltered, recoverable, μg/L (34010)	trans-1,2-Dichloroethene, water, unfiltered, recoverable, μg/L (34546)	trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, μg/L (73547)	Tribromomethane, water, unfiltered, recoverable, μg/L (32104)	Trichloroethene, water, unfiltered, recoverable, μg/L (39180)	Trichlorofluoromethane, water, unfiltered, recoverable, μg/L (34488)	Trichloromethane, water, unfiltered, recoverable, μg/L (32106)	Vinyl chloride, water, unfiltered, recoverable, μg/L (39175)
09-14-2009	< .06	M	< .02	E .04	< .4	< .10	2.32	< .08	E .07	E .1



Water-Data Report 2009

404325073563509 Local number K 3260. 2

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

LOCATION.--Lat 40°43'25", long 73°56'35" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030201, at west side of Monitor Avenue, 50 ft north of Driggs Avenue, Greenpoint.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 42.6 ft. Upper casing diameter 2 in; top of first opening 32.6 ft, bottom of last opening 37.6 ft.

DATUM.--Land-surface datum is 29 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft below land-surface datum.

PERIOD OF RECORD.--July 2001 to September 2006 and July 2007 to current year.

GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well K3260.1 in July 2001 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.54 ft above sea level, July 21, 2003; lowest measured, 9.50 ft above sea level, April 24, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 22	10.02	Apr 22	10.07
Nov 17	9.92	May 20	10.50
Dec 15	9.92	Jun 29	10.76
Jan 26	10.20	Jul 20	10.49
Feb 24	10.07	Sep 15	10.24
Mar 23	9.95		

