

Water-Data Report 2011

404323073455301 Local number Q 1747. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°43'23", long 73°45'53" referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 1 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard (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), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)	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)
10-14-2010	0800	7.1	6.8	934	14.1	21	537	80.8	46.9
08-12-2011	1230	5.4	6.7	917	14.7	3.3	552	80.1	48.6

**WATER-QUALITY DATA
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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	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)
10-14-2010	0800	2.17	24.8	213	133	0.08	26.1	61.4	< .010	4.30
08-12-2011	1230	2.12	24.9	211	124	< .04	26.9	63.5	< .010	4.32

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	Nitrite, water, filtered, mg/L as N (00613)	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)
10-14-2010	0800	< .001	0.025	44.4	< .050	2.9	12.6	22.6	25.0	1.31
08-12-2011	1230	< .001	.023	43.7	< .050	6.2	18.2	22.6	94.2	1.88

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	Manganese, water, filtered, µg/L (01056)	Manganese, water, unfiltered, recoverable, µg/L (01055)	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)
10-14-2010	0800	2.68	2.9	< .005	< .015	11.4	1.8	0.651	< .120	< .400
08-12-2011	1230	2.00	2.7	< .005	< .015	9.3	.36	.683	< .120	< .400

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	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)	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)
10-14-2010	0800	< .028	< .08	< .0260	< .06	< .026	< .0360	< .34	< .36	< .8
08-12-2011	1230	< .028	< .08	< .0260	< .06	< .026	< .0360	< .34	< .36	< .8

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	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)	2-Methyl-4,6-dinitro-phenol, water, unfiltered, recoverable, µg/L (34657)	3,4-Dichloro-aniline, water, filtered, recoverable, µg/L (61625)	3-Chloro-propene, water, unfiltered, recoverable, µg/L (78109)	4-Chloro-2-methyl-phenol, water, filtered, recoverable, µg/L (61633)	4-Chloro-3-methyl-phenol, water, filtered, recoverable, µg/L (34452)
10-14-2010	0800	< .0060	< .010	< .006	< .010	< 2	< .0042	< .08	< .0046	< .54
08-12-2011	1230	< .0060	< .010	< .006	< .010	< 2	< .0042	< .08	< .0046	< .54

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	4-Nitro-phenol, water, unfiltered, recoverable, µg/L (34646)	Aceto-chlor, water, filtered, recoverable, µg/L (49260)	Acrylo-nitrile, water, unfiltered, recoverable, µg/L (34215)	Alachlor, water, filtered, recoverable, µg/L (46342)	Aldrin, water, unfiltered, recoverable, µg/L (39330)	alpha-Endo-sulfan, 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)
10-14-2010	0800	< .52	< .010	< .80	< .008	< .013	< .012	< .008	< .042	< .120
08-12-2011	1230	< .52	< .010	< .80	< .008	< .013	< .012	< .008	< .042	< .120

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82673)	Bromo-methane, water, unfiltered, recoverable, µg/L (34413)	Carbaryl,	Carbon disulfide, water, unfiltered, µg/L (77041)	Chlordane	Chlorpyrifos oxygen analog, water, filtered, recoverable, µg/L (61636)	Chlorpyrifos, water, filtered, recoverable, µg/L (38933)	cis-1,3-Dichloro-propene, water, unfiltered, recoverable, µg/L (34704)
				water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82680)		(technical), water, unfiltered, recoverable, µg/L (39350)			
10-14-2010	0800	< .014	< .2	< .060	< .1	< .1	< .06	< .0036	< .10
08-12-2011	1230	< .014	< .2	< .060	< .1	< .1	< .06	< .0036	< .10

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	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,	Desulfinyl-fipronil amide, water, filtered, recoverable, µg/L (62169)	Desulfinyl-	Diazinon, water, filtered, recoverable, µg/L (39572)	Dichlorvos, water, filtered, recoverable, µg/L (38775)	Dicrotophos, water, filtered, recoverable, µg/L (38454)
					water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82682)		fipronil, water, filtered, recoverable, µg/L (62170)			
10-14-2010	0800	< .010	< .016	< .020	< .0076	< .029	< .012	< .0060	< .04	< .08
08-12-2011	1230	< .010	< .016	< .020	< .0076	< .029	< .012	< .0060	< .04	< .08

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	Dieldrin, water, filtered, recoverable, µg/L (39381)	Dieldrin, water, unfiltered, recoverable, µg/L (39380)	Dimetho-ate, 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)
10-14-2010	0800	< .008	< .008	< .0060	< .012	< .021	< .008	< .054	< .08	< .030
08-12-2011	1230	< .008	< .008	< .0060	< .012	< .021	< .008	< .054	< .08	< .030

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	Fipronil sulfide, water, filtered, recoverable, µg/L (62167)	Fipronil sulfone, water, filtered, recoverable, µg/L (62168)	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)	Hexa-chloro-benzene, water, unfiltered, recoverable, µg/L (39700)	Hexa-zinone, water, filtered, recoverable, µg/L (04025)	Iodo-methane, water, unfiltered, recoverable, µg/L (77424)
10-14-2010	0800	< .012	< .024	< .018	< .0048	< .009	< .008	< .30	< .008	< .26
08-12-2011	1230	< .012	< .024	< .018	< .0048	< .009	< .008	< .30	< .008	< .26

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WATER-QUALITY DATA
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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	Iprodione, water, filtered, recoverable, µg/L (61593)	Isofen-phos, water, filtered, recoverable, µg/L (61594)	Lindane, water, unfiltered, recoverable, µg/L (39340)	Malaoxon, water, filtered, recoverable, µg/L (61652)	Malathion, water, filtered, recoverable, µg/L (39532)	Metalaxyl, water, filtered, recoverable, µg/L (61596)	Methidathion, water, filtered, recoverable, µg/L (61598)	Methyl paraoxon, water, filtered, recoverable, µg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82667)
10-14-2010	0800	< .014	< .006	< .014	< .022	< .016	< .014	< .012	< .014	< .008
08-12-2011	1230	< .014	< .006	< .014	< .022	< .016	< .014	< .012	< .014	< .008

WATER-QUALITY DATA
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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	Metolachlor, water, filtered, recoverable, µg/L (39415)	Metribuzin, water, filtered, recoverable, µg/L (82630)	Mirex, water, unfiltered, recoverable, µg/L (39755)	Myclobutanil, water, filtered, recoverable, µg/L (61599)	p,p'-DDD, water, unfiltered, recoverable, µg/L (39360)	p,p'-DDE, water, unfiltered, recoverable, µg/L (39365)	p,p'-DDT, water, unfiltered, recoverable, µg/L (39370)	p,p'-Methoxychlor, water, unfiltered, recoverable, µg/L (39480)	Pendimethalin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82683)
10-14-2010	0800	< .020	< .012	< .0060	< .010	< .016	< .014	< .010	< .002	< .012
08-12-2011	1230	< .020	< .012	< .0060	< .010	< .016	< .014	< .010	< .002	< .012

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	Penta-chloro-phenol, water, unfiltered, recoverable, µg/L (39032)	Phorate oxygen analog, water, filtered, recoverable, µg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82664)	Phosmet oxygen analog, water, filtered, recoverable, µg/L (61668)	Phosmet, water, filtered, recoverable, µg/L (61601)	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)
10-14-2010	0800	< .6	< .027	< .020	< .0511	< .140	< .012	< .006	< .0036	< .006
08-12-2011	1230	< .6	< .027	< .020	< .0511	< .140	< .012	< .006	< .0036	< .006

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	Tebu-thiuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82670)	Terbufos oxygen analog sulfone, water, filtered, recoverable, µg/L (61674)	Terbufos, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82675)	Terbuthyl-azine, water, filtered, recoverable, µg/L (04022)	Toxa-phene, water, unfiltered, recoverable, µg/L (39400)	trans-1,3-Dichloro-propene, 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)
10-14-2010	0800	< .028	< .045	< .018	< .006	< 1	< .14	< .018	< .018	< .1
08-12-2011	1230	< .028	< .045	< .018	< .006	< 1	< .14	< .018	< .018	< .1

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Date	Sample start time	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)	1,2,3,4-Tetra-methyl-benzene, water, unfiltered, recoverable, µg/L (49999)
10-14-2010	0800	< .040	0.055	< .14	< .034	< .028	< .044	< .022	< .040	< .10
08-12-2011	1230	< .040	.062	< .14	< .034	< .028	< .044	< .022	< .040	< .10

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Date	Sample start time	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)
10-14-2010	0800	< .080	< .06	< .060	< .08	< .032	< .028	< .30	< .032	< .024
08-12-2011	1230	< .080	< .06	< .060	< .08	< .032	< .028	< .30	< .032	< .024

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Date	Sample start time	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)	2-Nitro-phenol, water, unfiltered, recoverable, µg/L (34591)
10-14-2010	0800	< .06	< 2	< .56	< .4	< .16	< .26	< .028	< .032	< .4
08-12-2011	1230	< .06	< 2	< .56	< .4	< .16	< .26	< .028	< .032	< .4

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	3,3'-Dichloro-benzidine, water, unfiltered, recoverable, µg/L (34631)	4-Bromo-phenyl phenyl ether, water, unfiltered, recoverable, µg/L (34636)	4-Chloro-phenyl 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)
10-14-2010	0800	< .42	< .24	< .34	< .042	< .06	< .34	< .28	< .30	< 3.4
08-12-2011	1230	< .42	< .24	< .34	< .042	< .06	< .34	< .28	< .30	< 3.4

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	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)
10-14-2010	0800	< .38	< .026	< .26	< .32	< .30	< .38	< .30	< 1.8	< .24
08-12-2011	1230	< .38	< .026	< .26	< .32	< .30	< .38	< .30	< 1.8	< .24

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	Bis(2-chloroethyl) ether, water, unfiltered, recoverable, µg/L (34273)	Bis(2-chloroisopropyl) ether, water, unfiltered, recoverable, µg/L (34283)	Bis(2-ethylhexyl) phthalate, water, unfiltered, recoverable, µg/L (39100)	Bromo-benzene, water, unfiltered, recoverable, µg/L (81555)	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)
10-14-2010	0800	< .30	< .14	< 2.6	< .022	< .06	< .034	< .12	< .026	< .06
08-12-2011	1230	< .30	< .14	< 2.6	< .022	< .06	< .034	< .12	< .026	< .06

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	Chloro-	Chrysene,	Dibenzo-	Dibromo-	Dibromo-	Dichloro-	Dichloro-	Diethyl	
		methane,	water,	cis-1,2-Di-	chloro-	chloro-	difluoro-	methane,	ether,	
		water,	water,	chloro-	methane,	methane,	methane,	methane,	water,	
		unfiltered,	unfiltered,	ethene,	water,	water,	water,	water,	unfiltered,	
		recover-	recover-	unfiltered,	unfiltered,	unfiltered,	unfiltered,	unfiltered,	unfiltered,	
		able,	able,	recover-	recover-	recover-	recover-	recover-	recover-	
		µg/L	µg/L	able,	able,	able,	able,	able,	able,	
		(34418)	(34320)	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
				(77093)	(34556)	(32105)	(30217)	(34668)	(81576)	
10-14-2010	0800	< .1	< .32	< .022	< .42	< .12	< .050	< .10	< .04	< .1
08-12-2011	1230	< .1	< .32	< .022	< .42	< .12	< .050	< .10	< .04	< .1

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	Diethyl	Diiso-	Dimethyl	Di-n-butyl	Di-n-octyl	Ethyl	Ethyl	Ethyl-	Fluoran-
		phthalate,	propyl	phthalate,	phthalate,	phthalate,	metha-	methyl	benzene,	thane,
		water,	ether,	water,	water,	water,	crylate,	ketone,	water,	water,
		unfiltered,	water,	unfiltered,	unfiltered,	unfiltered,	water,	water,	unfiltered,	unfiltered,
		recover-	unfiltered,	recover-	recover-	recover-	unfiltered,	unfiltered,	unfiltered,	unfiltered,
		able,	recover-	able,	able,	able,	recover-	recover-	recover-	recover-
		µg/L	able,	µg/L	µg/L	µg/L	able,	able,	able,	able,
		(34336)	µg/L	(34341)	(39110)	(34596)	µg/L	µg/L	µg/L	µg/L
			(81577)				(73570)	(81595)	(34371)	(34376)
10-14-2010	0800	< .62	< .06	< .36	< 2.00	< .6	< .20	< 1.6	< .036	< .30
08-12-2011	1230	< .62	< .06	< .36	< 2.00	< .6	< .20	< 1.6	< .036	< .30

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	Hexa-chloro-butadiene, water, unfiltered, recoverable,	Hexa-chloro-cyclopentadiene, water, unfiltered, recoverable,	Hexa-chloro-ethane, water, unfiltered, recoverable,	Indeno-[1,2,3-cd]-pyrene, water, unfiltered, recoverable,	Isobutyl methyl ketone, water, unfiltered, recoverable,	Iso-phorone, water, unfiltered, recoverable,	Isopropyl-benzene, water, unfiltered, recoverable,	Methyl acetate, water, unfiltered, recoverable,	Methyl acrylate, water, unfiltered, recoverable,
		µg/L (39702)	µg/L (34386)	µg/L (34396)	µg/L (34403)	µg/L (78133)	µg/L (34408)	µg/L (77223)	µg/L (77032)	µg/L (49991)
10-14-2010	0800	< .08	< .50	< .22	< .38	< .32	< .26	< .042	< .46	< .8
08-12-2011	1230	< .08	< .50	< .22	< .38	< .32	< .26	< .042	< .46	< .8

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	Methyl acrylonitrile, water, unfiltered, recoverable,	Methyl methacrylate, water, unfiltered, recoverable,	Methyl tert-butyl ether, water, unfiltered, recoverable,	Methyl tert-pentyl ether, water, unfiltered, recoverable,	Methylene blue active substances, water, unfiltered, recoverable,	m-Xylene plus p-xylene, water, unfiltered, recoverable,	Naphthalene, water, unfiltered, recoverable,	n-Butyl methyl ketone, water, unfiltered, recoverable,	n-Butyl-benzene, water, unfiltered, recoverable,
		µg/L (81593)	µg/L (81597)	µg/L (78032)	µg/L (50005)	mg/L (38260)	µg/L (85795)	µg/L (34696)	µg/L (77103)	µg/L (77342)
10-14-2010	0800	< .26	< .22	0.04	< .06	< .050	< .08	< .18	< .4	< .08
08-12-2011	1230	< .26	< .22	< .10	< .06	< .050	< .08	< .18	< .4	< .08

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	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)
10-14-2010	0800	< 0.26	< .24	< .4	< .28	< .036	< .032	< .32	< .28	< .36
08-12-2011	1230	< 0.26	< .24	< .4	< .28	< .036	< .032	< .32	< .28	< .36

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	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)
10-14-2010	0800	< .034	< .042	< .6	< .80	< .032	< .060	5.79	0.05	< 1.4
08-12-2011	1230	< .034	< .042	< .6	< .80	< .032	< .060	5.78	.06	< 1.4

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio 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; <, less than]

Date	Sample start time	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)
10-14-2010	0800	< .02	< .018	< .4	< .10	0.018	< .06	0.27	< .06
08-12-2011	1230	< .02	< .018	< .4	< .10	.019	< .06	.47	< .06