

01302020 BRONX RIVER AT NEW YORK BOTANICAL GARDEN AT BRONX, NY

Lower Hudson Basin
Bronx Subbasin

LOCATION.--Lat 40°51'44.3", long 73°52'27.8" referenced to North American Datum of 1983, Bronx County, NY, Hydrologic Unit 02030102, on left bank at New York Botanical Garden in Bronx.

DRAINAGE AREA.--38.4 mi², not including 12.7 mi², from which the entire flow is diverted for municipal water supply.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--August 2006 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 50 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Entire flow, runoff from 12.7 mi², diverted from Kensico Reservoir for water supply of City of New York and entire flow, runoff from 0.68 mi², except for periods of spill, diverted from White Plains Reservoirs 1 and 2 for water supply of City of White Plains. Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,460 ft³/s, Apr. 16, 2007, gage height, 6.05 ft; minimum discharge, 11 ft³/s, Sept. 15, 2010, gage height, 0.47 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 900 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 1	1200	1,190	2.89
Feb. 25	1445	919	2.42
Mar. 7	0530	1,610	3.58
Mar. 11	1115	2,120	4.34
Apr. 17	0445	1,930	4.06
May 17	1430	1,110	2.75
May 18	2345	1,050	2.64
Aug. 14	1330	1,180	2.87
Aug. 15	0015	1,090	2.72
Aug. 28	1915	*2,710	*5.18
Sept. 7	0145	1,510	3.42
Sept. 8	1430	1,700	3.71
Sept. 23	1600	1,040	2.63

Minimum discharge, 16 ft³/s, Aug. 1, gage height, 0.49 ft.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	678	26	313	42	49	184	104	141	62	34	48	125
2	161	26	172	55	94	134	91	132	56	32	96	101
3	68	26	61	54	82	113	78	116	52	59	34	86
4	68	156	47	44	58	100	77	154	48	36	45	77
5	52	83	41	41	75	95	105	116	48	32	21	70
6	46	40	39	39	107	324	86	89	45	30	19	537
7	37	33	42	41	88	1,190	101	79	43	30	131	929
8	32	33	42	43	141	386	80	75	41	35	79	1,300
9	29	30	40	37	98	258	73	72	141	56	245	514
10	27	29	40	35	78	325	70	69	123	31	110	286
11	35	31	42	36	70	1,680	70	62	201	29	38	209
12	52	31	292	48	66	644	147	59	67	28	31	172
13	29	31	180	55	63	371	443	59	54	27	28	150
14	85	32	75	44	80	273	142	59	48	26	734	123
15	266	30	55	41	101	225	109	217	47	24	425	109
16	57	33	52	41	78	301	295	82	41	24	118	98
17	40	129	49	39	82	208	1,340	559	330	23	72	87
18	36	48	41	161	113	173	432	482	71	21	71	81
19	32	35	40	149	159	148	273	499	49	42	173	75
20	31	31	39	90	120	129	234	195	42	24	184	74
21	29	29	38	72	126	189	197	174	39	21	121	71
22	27	29	37	e55	114	150	169	170	43	21	93	73
23	29	30	35	e50	103	147	444	139	379	21	54	419
24	28	32	35	e45	99	160	281	146	190	20	52	205
25	27	32	35	e40	522	121	251	112	71	31	63	96
26	28	39	34	e45	256	107	191	99	56	37	78	76
27	39	36	38	e55	147	98	169	93	48	38	147	66
28	38	31	43	57	247	91	306	81	44	17	2,210	85
29	27	26	40	50	---	87	228	74	58	58	830	333
30	25	26	37	49	---	84	155	103	38	36	259	216
31	26	---	36	47	---	81	---	71	---	19	169	---
Total	2,184	1,223	2,110	1,700	3,416	8,576	6,741	4,578	2,575	962	6,778	6,843
Mean	70.5	40.8	68.1	54.8	122	277	225	148	85.8	31.0	219	228
Max	678	156	313	161	522	1,680	1,340	559	379	59	2,210	1,300
Min	25	26	34	35	49	81	70	59	38	17	19	66

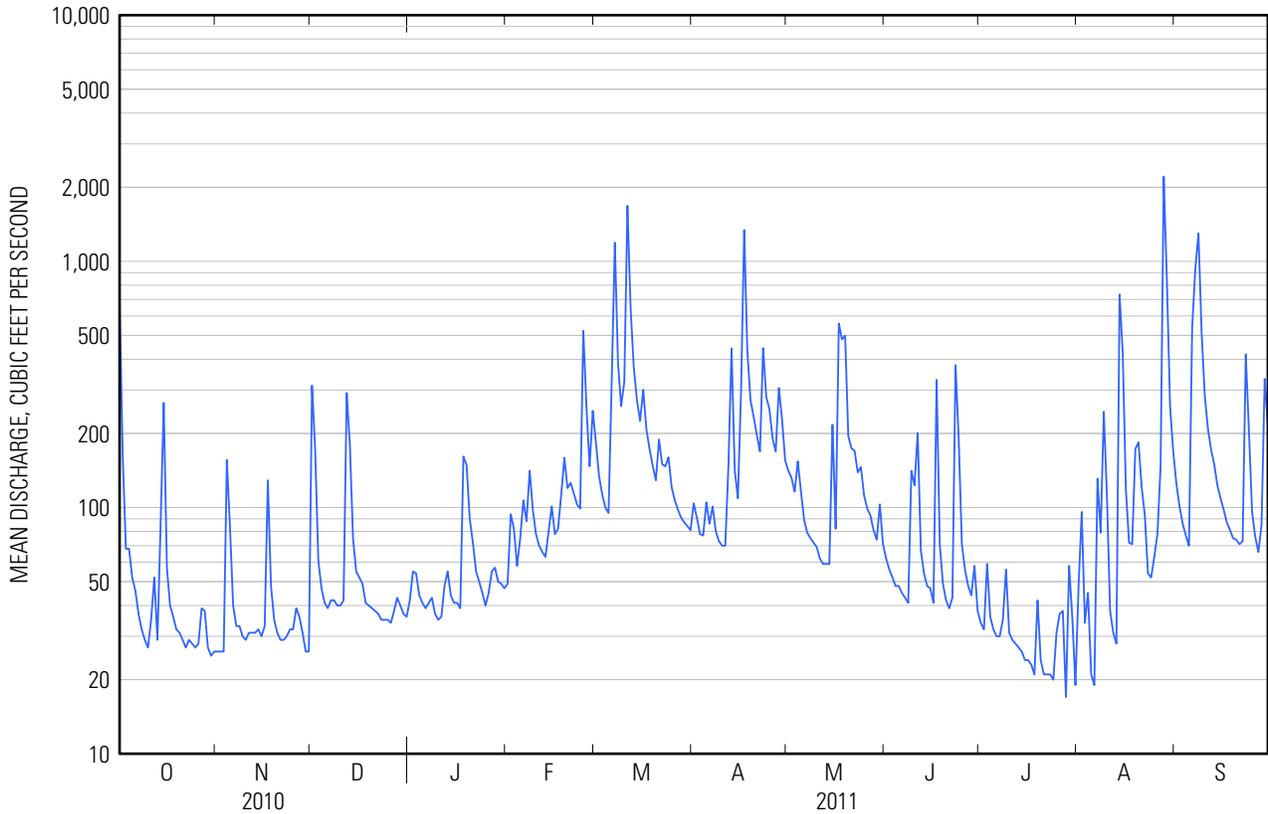
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2006 - 2011, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	58.7	61.7	89.1	72.7	90.6	170	152	89.6	75.1	47.5	90.4	82.3
Max	79.6	140	128	95.9	152	277	280	148	121	81.8	219	228
(WY)	(2007)	(2007)	(2010)	(2007)	(2008)	(2011)	(2007)	(2011)	(2009)	(2009)	(2011)	(2011)
Min	42.7	34.4	63.2	54.8	41.9	41.4	69.5	63.3	35.3	31.0	31.3	26.7
(WY)	(2008)	(2008)	(2007)	(2011)	(2007)	(2009)	(2009)	(2007)	(2010)	(2011)	(2010)	(2007)

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SUMMARY STATISTICS

	Calendar Year 2010		Water Year 2011		Water Years 2006 - 2011	
Annual total	28,193		47,686			
Annual mean	77.2		131		90.2	
Highest annual mean					131	2011
Lowest annual mean					71.0	2009
Highest daily mean	1,120	Mar 30	2,210	Aug 28	2,590	Apr 16, 2007
Lowest daily mean	12	Sep 15	17	Jul 28	12	Sep 15, 2010
Annual seven-day minimum	14	Sep 9	24	Jul 18	14	Sep 9, 2010
Maximum peak flow					3,460	Apr 16, 2007
Maximum peak stage					6.05	Apr 16, 2007
10 percent exceeds	156		273		169	
50 percent exceeds	40		70		52	
90 percent exceeds	17		29		23	



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WATER-QUALITY RECORDS

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 1 of 28

[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Barometric pressure, mm Hg (00025)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Temperature, water, °C (00010)	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)
08-10-2011	1400	754	8.0	98	7.4	413	25.0	203	22.6	7.14

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	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)	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)
08-10-2011	1400	2.75	36.9	58.3	0.10	5.33	1.89	0.06	0.58	0.014

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	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)
08-10-2011	1400	0.051	40.3	<0.050	1.1	4.5	78.4	400	3.08	25.6

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Manga-	Mercury,	Silver,	Zinc,	Arsenic,	Selenium,	1,2,3-Tri-	1,2-	1,2-
		nese,	water,	water,	water,		water,	water,	chloro-	chloro-
		water,	water,	water,	water,	water,	water,	propane,	propane,	ethane,
		unfiltered,	unfiltered,	unfiltered,	unfiltered,	unfiltered,	unfiltered,	water,	water,	water,
		recover-	recover-	recover-	recover-	recover-	recover-	unfiltered,	unfiltered,	unfiltered,
		able,	able,	able,	able,	able,	able,	recover-	recover-	recover-
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	able,	able,	able,
		(01055)	(71900)	(01077)	(01092)	(01002)	(01147)	µg/L	µg/L	µg/L
								(77443)	(82625)	(77651)
08-10-2011	1400	54.5	<0.005	0.028	6.8	1.0	0.208	<0.120	<0.400	<0.028

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	1,2-	1,2-	1,3-Di-	1,4-	1-	2,4,6-	2,4-	2,4-	2,6-
		Dichloro-	Dichloro-	chloro-	Dichloro-	Naphthol,	Trichloro-	Dichloro-	Dimethyl-	Diethyl-
		ethane,	propane,	propane,	benzene,	water,	phenol,	phenol,	phenol,	aniline,
		water,	water,	water,	water,	(0.7 micron	water,	water,	water,	water,
		unfiltered,	unfiltered,	unfiltered,	unfiltered,	glass fiber	unfiltered,	unfiltered,	unfiltered,	filtered
		recover-	recover-	recover-	recover-	filter),	recover-	recover-	recover-	(0.7 micron
		able,	able,	able,	able,	recover-	able,	able,	able,	glass fiber
		µg/L	µg/L	µg/L	µg/L	able,	µg/L	µg/L	µg/L	filter),
		(32103)	(34541)	(77173)	(34571)	µg/L	µg/L	µg/L	µg/L	recover-
						(49295)	(34621)	(34601)	(34606)	able,
										µg/L
										(82660)
08-10-2011	1400	<0.08	<0.0260	<0.06	<0.026	E0.0130	<0.34	0.02	<0.8	<0.0060

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	2-Chloro-2',6'-diethylacetanilide, water, filtered, recoverable,	2-Chloro-4-isopropylamino-6-aminotriazine, water, filtered, recoverable,	2-Ethyl-6-methylaniline, water, filtered, recoverable,	2-Methyl-4,6-dinitrophenol, water, unfiltered, recoverable,	3,4-Dichloroaniline, water, filtered, recoverable,	3-Chloropropene, water, unfiltered, recoverable,	4-Chloro-2-methylphenol, water, filtered, recoverable,	4-Chloro-3-methylphenol, water, filtered, recoverable,	4-Nitrophenol, water, unfiltered, recoverable,
		µg/L (61618)	µg/L (04040)	µg/L (61620)	µg/L (34657)	µg/L (61625)	µg/L (78109)	µg/L (61633)	µg/L (34452)	µg/L (34646)
08-10-2011	1400	<0.010	<0.009	<0.010	<2	<0.0065	<0.08	<0.0046	<0.54	<0.52

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Acetochlor, water, filtered, recoverable,	Acrylonitrile, water, unfiltered, recoverable,	Alachlor, water, filtered, recoverable,	Aldrin, water, unfiltered, recoverable,	alpha-Endosulfan, water, unfiltered, recoverable,	Atrazine, water, filtered, recoverable,	Azinphosmethyl, water, filtered, recoverable,	Benfluralin, water, filtered, recoverable,	
		µg/L (49260)	µg/L (34215)	µg/L (46342)	µg/L (39330)	µg/L (39388)	µg/L (39632)	µg/L (61635)	µg/L (82686)	µg/L (82673)
08-10-2011	1400	<0.010	<0.80	<0.008	<0.013	<0.012	<0.008	<0.042	<0.120	<0.014

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	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, 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)	cis-1,3-Dichloro-propene, 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)
08-10-2011	1400	<0.2	E0.203	<0.1	<0.1	<0.06	<0.0036	<0.10	<0.010	<0.016

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	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)	Dieldrin, water, filtered, recoverable, µg/L (39381)	Dieldrin, water, unfiltered, recoverable, µg/L (39380)
08-10-2011	1400	<0.020	<0.0076	<0.029	0.007	<0.0060	E0.10	<0.08	0.008	<0.008

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	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)	Fipronil sulfone, water, filtered, recoverable, µg/L (62168)
08-10-2011	1400	<0.0060	<0.012	<0.021	<0.008	<0.054	<0.08	<0.030	<0.012	<0.024

01302020 BRONX RIVER AT NEW YORK BOTANICAL GARDEN AT BRONX, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	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)	Iodmethane, water, unfiltered, recoverable, µg/L (77424)	Iprodione, water, filtered, recoverable, µg/L (61593)	Isofenphos, water, filtered, recoverable, µg/L (61594)
08-10-2011	1400	<0.018	<0.0048	<0.009	<0.008	<0.30	<0.010	<0.26	<0.014	<0.006

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	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 paraxon, water, filtered, recoverable, µg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82667)	Metolachlor, water, filtered, recoverable, µg/L (39415)	Metribuzin, water, filtered, recoverable, µg/L (82630)
08-10-2011	1400	<0.014	<0.022	<0.016	0.013	<0.012	<0.014	<0.008	<0.020	<0.012

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	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)	Pentachlorophenol, water, unfiltered, recoverable, µg/L (39032)	Phorate oxygen analog, water, filtered, recoverable, µg/L (61666)
08-10-2011	1400	<0.0060	<0.011	<0.016	<0.014	<0.010	<0.002	<0.012	0.1	<0.027

01302020 BRONX RIVER AT NEW YORK BOTANICAL GARDEN AT BRONX, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Phorate,	Phosmet	Phosmet,	Prometon,	Prometryn,	Propyz-	Simazine,	Tebu-	Terbufos
		water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82664)	oxygen analog, water, filtered, recover- able, µg/L (61668)	water, filtered, recover- able, µg/L (61601)	water, filtered, recover- able, µg/L (04037)	water, filtered, recover- able, µg/L (04036)	amide, water, filtered filter), recover- able, µg/L (82676)	water, filtered, recover- able, µg/L (04035)	thiuron, water, filtered filter), recover- able, µg/L (82670)	oxygen analog sulfone, water, filtered, recover- able, µg/L (61674)
08-10-2011	1400	<0.020	<0.0511	<0.140	0.024	<0.006	<0.0036	<0.008	<0.028	<0.045

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Terbufos,	Terbuthyl-	Toxa-	trans-1,3-	Tribuphos,	Trifluralin,	PCBs,	1,1,1,2-	1,1,1-Tri-
		water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82675)	azine, water, filtered, recover- able, µg/L (04022)	phene, water, unfiltered, recover- able, µg/L (39400)	Dichloro- propene, water, unfiltered, recover- able, µg/L (34699)	water, filtered, recover- able, µg/L (61610)	water, filtered filter), recover- able, µg/L (82661)	water, unfiltered, recover- able, µg/L (39516)	Tetra- chloro- ethane, water, unfiltered, recover- able, µg/L (77562)	chloro- ethane, water, unfiltered, recover- able, µg/L (34506)
08-10-2011	1400	<0.018	<0.006	<1	<0.14	<0.018	<0.018	<0.1	<0.040	<0.030

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	1,1,2-Tetra-chloro-ethane, water, unfiltered, recoverable, μg/L (34516)	1,1,2-Tri-chloro-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)	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)
08-10-2011	1400	<0.14	<0.034	<0.028	<0.044	<0.022	<0.040	<0.10	<0.080	<0.06

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	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)	2,4-Dinitro-phenol, water, unfiltered, recoverable, μg/L (34616)
08-10-2011	1400	<0.060	<0.08	<0.032	<0.028	<0.30	<0.032	<0.024	<0.06	<2

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	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 phenyl ether, water, unfiltered, recoverable, μg/L (34636)
08-10-2011	1400	<0.56	<0.4	<0.16	<0.26	<0.028	<0.032	<0.4	<0.42	<0.24

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	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)
08-10-2011	1400	<0.34	<0.042	<0.06	0.01	0.01	<0.30	2.8	0.01	<0.026

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	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-chloro-ethyl) ether, water, unfiltered, recoverable, µg/L (34273)	Bis(2-chloro-isopropyl) ether, water, unfiltered, recoverable, µg/L (34283)
08-10-2011	1400	0.02	0.02	0.03	0.02	<0.30	<1.8	<0.24	<0.30	<0.14

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	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)	Chloro-methane, water, unfiltered, recoverable, µg/L (34418)	Chrysene, water, unfiltered, recoverable, µg/L (34320)
08-10-2011	1400	E0.6	<0.022	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	0.02

01302020 BRONX RIVER AT NEW YORK BOTANICAL GARDEN AT BRONX, NY—Continued

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	cis-1,2-Dichloroethene, water, unfiltered, recoverable, µg/L (77093)	Dibenzo[a,h]-anthracene, water, unfiltered, recoverable, µg/L (34556)	Dibromochloromethane, water, unfiltered, recoverable, µg/L (32105)	Dibromomethane, water, unfiltered, recoverable, µg/L (30217)	Dichlorodifluoromethane, water, unfiltered, recoverable, µg/L (34668)	Dichloromethane, 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)
08-10-2011	1400	0.015	<0.42	<0.12	<0.050	<0.10	<0.04	<0.1	<0.62	<0.06

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	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)	Ethyl methyl ketone, water, unfiltered, recoverable, µg/L (81595)	Ethylbenzene, water, unfiltered, recoverable, µg/L (34371)	Fluoranthene, water, unfiltered, recoverable, µg/L (34376)	Hexachlorobutadiene, water, unfiltered, recoverable, µg/L (39702)	Hexachlorocyclopentadiene, water, unfiltered, recoverable, µg/L (34386)
08-10-2011	1400	0.51	E0.15	<0.6	<0.20	<1.6	<0.036	0.07	<0.08	<0.50

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Hexachloroethane, 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)	Iso-phorone, water, unfiltered, recoverable, µg/L (34408)	Isopropylbenzene, 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)
08-10-2011	1400	<0.22	E0.01	<0.32	0.02	<0.042	<0.46	<0.8	<0.26	<0.22

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	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-Butylbenzene, water, unfiltered, recoverable,	Nitrobenzene, water, unfiltered, recoverable,	N-Nitrosodimethylamine, water, unfiltered, recoverable,
		µg/L (78032)	µg/L (50005)	mg/L (38260)	µg/L (85795)	µg/L (34696)	µg/L (77103)	µg/L (77342)	µg/L (34447)	µg/L (34438)
08-10-2011	1400	<0.10	<0.06	<0.050	<0.08	<0.18	<0.4	<0.08	<0.26	<0.24

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	N-Nitrosodimethylamine, water, unfiltered, recoverable,	N-Nitrosodiphenylamine, water, unfiltered, recoverable,	n-Propylbenzene, water, unfiltered, recoverable,	o-Xylene, water, unfiltered, recoverable,	Phenanthrene, water, unfiltered, recoverable,	Phenol, water, unfiltered, recoverable,	Pyrene, water, unfiltered, recoverable,	sec-Butylbenzene, water, unfiltered, recoverable,	Styrene, water, unfiltered, recoverable,
		µg/L (34428)	µg/L (34433)	µg/L (77224)	µg/L (77135)	µg/L (34461)	µg/L (34694)	µg/L (34469)	µg/L (77350)	µg/L (77128)
08-10-2011	1400	<0.4	<0.28	<0.036	<0.032	0.03	<0.28	0.06	<0.034	<0.042

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	tert-Amyl alcohol, water, unfiltered, recoverable,	tert-Butyl alcohol, water, unfiltered, recoverable,	tert-Butyl ethyl ether, water, unfiltered, recoverable,	tert-Butylbenzene, water, unfiltered, recoverable,	Tetra-chloroethene, water, unfiltered, recoverable,	Tetra-chloromethane, water, unfiltered, recoverable,	Tetrahydrofuran, water, unfiltered, recoverable,	Toluene, water, unfiltered, recoverable,	trans-1,2-Dichloroethene, water, unfiltered, recoverable,
		µg/L (77073)	µg/L (77035)	µg/L (50004)	µg/L (77353)	µg/L (34475)	µg/L (32102)	µg/L (81607)	µg/L (34010)	µg/L (34546)
08-10-2011	1400	<0.6	<0.80	<0.032	<0.060	0.037	<0.06	<1.4	0.02	<0.018

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	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)
08-10-2011	1400	<0.4	<0.10	0.016	<0.06	0.19	<0.06