

STREAMS TRIBUTARY TO LAKE ONTARIO

430449077294201 CARTERSVILLE WASTE CHANNEL AT PITTSFORD, NY

LOCATION.--Lat 43°04'49", long 77°29'42", Hydrologic Unit 04140101, at Marsh Road, 0.1 mi south of New York State Highway 31 and 0.25 mi north of Erie Canal.

PERIOD OF RECORD.-- Water years 1989 to current year.

CHEMICAL DATA: Water years 1989-91 (d), 1992 (c) 1993 (b), 1994 (d), 1995 (b), 1996-97 (a), 1998 (b), 1999 to 2002 (d), 2003 (c), 2004 (a).

NUTRIENT DATA: Water years 1989-91 (d), 1992 (c) 1993 (b), 1994 (d), 1995 (b), 1996-97 (a), 1998 (b), 1999 to 2002 (d), 2003 (c), 2004 (a).

COOPERATION.--Water-quality samples were collected and analyzed by the Monroe County Environmental Health Laboratory at Rochester, N.Y.

REMARKS.--Records for October 1998 to September 1993 are published in "Water Resources of Monroe County New York, Water Years 1989-93 with Emphasis on Water Quality in the Irondequoit Creek Basin", U.S. Geological Survey Open-File Report 97-587.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Chloride, water, fltrd, mg/L (00940)	Residue total at 105 deg. C, sus- pended, mg/L (00530)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water unfltrd mg/L as N (00630)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, unfltrd mg/L (00665)
JUN 15	0800	59	18	.50	.02	.71	.017	.044

STREAMS TRIBUTARY TO LAKE ONTARIO

430557077344401 ALLEN CREEK ABOVE ERIE CANAL SIPHON NEAR ROCHESTER, NY

LOCATION.--Lat 43°05'57", long 77°34'44", Hydrologic Unit 04140101, at north bank of Erie Canal, 0.01 mi east of Winton Road.

PERIOD OF RECORD.--Water years 1985 to current year.

CHEMICAL DATA: Water years 1985 (a), 1986 (b), 1987 (a), 1988 (d), 1989 (c), 1990 (d), 1991-92 (c), 1993 (b), 1994 (d), 1995 (a), 1996-97 (a), 1998 (b), 1999 (c), 2000 to 2002 (d), 2003 (c), 2004 (a).

NUTRIENT DATA: Water years 1985 (a), 1986 (b), 1987 (a), 1988 (d), 1989 (c), 1990 (d), 1991-92 (c), 1993 (b), 1994 (d), 1995 (a), 1996-97 (a), 1998 (b), 1999 (c), 2000 to 2002 (d), 2003 (c), 2004 (a).

COOPERATION.--Water-quality samples were collected and analyzed by the Monroe County Environmental Health Laboratory at Rochester, N.Y.

REMARKS.--Records for October 1988 to September 1993 are published in "Water Resources of Monroe County New York, Water Years 1989-93", U.S. Geological Survey Open-File Report 97-587. Prior to October 1988, unpublished records are available in the files of the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Chloride, water, fltrd, mg/L (00940)	Residue total at 105 deg. C, suspended, mg/L (00530)	Ammonia + org-N, water, unfltrd, mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, unfltrd, mg/L as N (00630)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd, mg/L (00665)
JUN 15	1000	52	<5	.66	.04	.42	.018	.055

< Less than.

STREAMS TRIBUTARY TO LAKE ONTARIO

430557077344402 ALLEN CREEK BELOW ERIE CANAL SIPHON NEAR ROCHESTER, NY

LOCATION.--Lat 43°05'57", long 77°34'44", Hydrologic Unit 04140101, at north bank of Erie Canal, 0.01 mi east of Winton Road.

PERIOD OF RECORD.--Water years 1985 to current year.

CHEMICAL DATA: Water years 1985 (a), 1986 (b), 1987 (a), 1988 (d), 1989 (c), 1990 (d), 1991-93 (c), 1994 (d), 1995 (c), 1996-97 (a), 1998 (b), 1999 (c), 2000 to 2002 (d), 2003 (c), 2004 (a).

NUTRIENT DATA: Water years 1985 (a), 1986 (b), 1987 (a), 1988 (d), 1989 (c), 1990 (d), 1991-93 (c), 1994 (d), 1995 (c), 1996-97 (a), 1998 (b), 1999 (c), 2000 to 2002 (d), 2003 (c), 2004 (a).

COOPERATION.--Water-quality samples were collected and analyzed by the Monroe County Environmental Health Laboratory at Rochester, N.Y.

REMARKS.--Records for October 1988 to September 1993 are published in "Water Resources of Monroe County New York, Water Years 1989-93", U.S. Geological Survey Open-File Report 97-587. Prior to October 1988, unpublished records are available in the files of the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Chloride, water, fltrd, mg/L (00940)	Residue total at 105 deg. C, suspended, mg/L (00530)	Ammonia + org-N, water, unfltrd, mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, unfltrd, mg/L as N (00630)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd, mg/L (00665)
JUN 15	0855	128	15	.81	.03	.05	.007	.038

STREAMS TRIBUTARY TO LAKE ONTARIO

430557077344403 ALLEN CREEK AT ERIE CANAL SIPHON NEAR ROCHESTER, NY

LOCATION.--Lat 43°05'57", long 77°34'44", Hydrologic Unit 04140101, at north bank of Erie Canal, 0.01 mi east of Winton Road.

PERIOD OF RECORD.--Water years 1986 to current year.

CHEMICAL DATA: Water years 1986-1987 (a), 1988 (d), 1989 (c), 1990 (d), 1991-93 (c), 1994 (d), 1995 (c), 1996 (b), 1997 (a), 1998 (b), 1999 (c), 2000 to 2002 (d), 2003 (c), 2004 (a).

NUTRIENT DATA: Water years 1986-1987 (a), 1988 (d), 1989 (c), 1990 (d), 1991-93 (c), 1994 (d), 1995 (c), 1996 (b), 1997 (a), 1998 (b), 1999 (c), 2000 to 2002 (d), 2003 (c), 2004 (a).

COOPERATION.--Water-quality samples were collected and analyzed by the Monroe County Environmental Health Laboratory at Rochester, N.Y.

REMARKS.--Records for October 1988 to September 1993 are published in "Water Resources of Monroe County New York, Water Years 1989-93 with Emphasis on Water Quality in the Irondequoit Creek Basin", U.S. Geological Survey Open-File Report 97-587. Prior to October 1988, unpublished records are available in the files of the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Chloride, water, fltrd, mg/L (00940)	Residue total at 105 deg. C, suspended, mg/L (00530)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water unfltrd mg/L as N (00630)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)
JUN 15	0900	58	15	.59	.03	.08	.011	.042

STREAMS TRIBUTARY TO LAKE ONTARIO

430605077262201 FAIRPORT WASTE CHANNEL AT FAIRPORT, NY

LOCATION.--Lat 43°06'05", long 77°26'22", Hydrologic Unit 04140101, at State Street, 0.15 mi east of New York State Highway 250, and 0.05 mi north of Erie canal.

PERIOD OF RECORD.-- Water years 1989 to current year.

CHEMICAL DATA: Water years 1989 (d), 1990 (c), 1991 (a), 1992-94 (c), 1995 (b), 1996-98 (a), 1999-2000 (c), 2001 to 2002 (d), 2003 (c), 2004 (a).

NUTRIENT DATA: Water years 1989 (d), 1990 (c), 1991 (a), 1992-94 (c), 1995 (b), 1996-98 (a), 1999-2000 (c), 2001 to 2002 (d), 2003 (c), 2004 (a).

COOPERATION.--Water-quality samples were collected and analyzed by the Monroe County Environmental Health Laboratory at Rochester, N.Y.

REMARKS.--Records for October 1988 to September 1993 are published in "Water Resources of Monroe County New York, Water Years 1989-93 with Emphasis on Water Quality in the Irondequoit Creek Basin", U.S. Geological Survey Open-File Report 97-587.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Chloride, water, fltrd, mg/L (00940)	Residue total at 105 deg. C, suspended, mg/L (00530)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water unfltrd mg/L as N (00630)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)
JUN 15	0725	30	12	.45	.03	.60	.011	.048

STREAMS TRIBUTARY TO LAKE ONTARIO

431132077475301 NORTHRUP CREEK ABOVE SPENCERPORT WASTE CHANNEL AT SPENCERPORT, NY

LOCATION.--Lat 43°11'32", long 77°47'53", Hydrologic Unit 04140101, 300 ft north of Erie (Barge) at Canal Street 800 ft east of State Highway 259.

PERIOD OF RECORD.--Water years 2001 to current year.

CHEMICAL DATA: Water years 2001 (c), 2002 to 2002 (d), 2003 (c), 2004 (b).

NUTRIENT DATA: Water years 2001 (c), 2002 to 2002 (d), 2003 (c), 2004 (b).

COOPERATION.--Water-quality samples were collected and analyzed by the Monroe County Environmental Health Laboratory at Rochester, N.Y.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Dis- solved oxygen, mg/L (00300)	Chlor- ide, water, fltrd, mg/L (00940)	Residue total at 105 deg. C, sus- pended, mg/L (00530)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water unfltrd mg/L as N (00630)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, unfltrd mg/L (00665)
OCT 21	1110	8.3	130	4	.58	.10	.90	.054	.090
JUN 16	1120	--	50	12	.73	.04	1.5	.034	.087
JUL 13	0905	--	159	7	.55	.05	1.1	.080	.068

STREAMS TRIBUTARY TO LAKE ONTARIO

431133077474901 SPENCERPORT WASTE CHANNEL AT SPENCERPORT, NY

LOCATION.--Lat 43°11'33", long 77°47'49", Hydrologic Unit 04140101, 600 ft north of Erie (Barge) and 0.25 mi east of State Highway 259.

PERIOD OF RECORD.--Water years 2001 to current year.

CHEMICAL DATA: Water years 2001 (c), 2002 (d), 2003 (c), 2004 (b).

NUTRIENT DATA: Water years 2001 (c), 2002 (d), 2003 (c), 2004 (b).

COOPERATION.--Water-quality samples were collected and analyzed by the Monroe County Environmental Health Laboratory at Rochester, N.Y.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Dis- solved oxygen, mg/L (00300)	Chlor- ide, water, fltrd, mg/L (00940)	Residue total at 105 deg. C, sus- pended, mg/L (00530)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water unfltrd mg/L as N (00630)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, unfltrd mg/L (00665)
OCT 21	1100	10.2	31	3	.30	.05	.77	.042	.046
JUN 16	1110	--	57	18	.58	.04	1.4	.031	.082
JUL 13	0855	--	54	27	.49	.05	.95	.080	.122

STREAMS TRIBUTARY TO LAKE ONTARIO

431142077473401 NORTHRUP CREEK BELOW WASTE CHANNEL AT BIG RIDGE ROAD NEAR SPENCERPORT, NY

LOCATION.--Lat 43°12'16", long 77°47'09", Hydrologic Unit 04140101, 50 ft south of bridge on Big Ridge Road, 0.35 mi east of State Highway 259.

PERIOD OF RECORD.--Water years 2001 to current year.

CHEMICAL DATA: Water years 2001 to 2002 (d), 2003 (c), 2004 (b).

NUTRIENT DATA: Water years 2001 to 2002 (d), 2003 (c), 2004 (b).

COOPERATION.--Water-quality samples were collected and analyzed by the Monroe County Environmental Health Laboratory at Rochester, N.Y.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Dis- solved oxygen, mg/L (00300)	Chlor- ide, water, fltrd, mg/L (00940)	Residue total at 105 deg. C, sus- pended, mg/L (00530)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water unfltrd mg/L as N (00630)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, unfltrd mg/L (00665)
OCT 21	1015	8.9	49	3	.39	.10	.84	.047	.059
JUN 16	1025	--	36	15	.59	.16	1.4	.037	.083
JUL 13	0835	--	79	29	.50	.07	1.2	.096	.122

STREAMS TRIBUTARY TO LAKE ONTARIO

431216077470901 NORTHRUP CREEK AT OGDEN PARMA TOWNLINE ROAD NEAR SPENCERPORT, NY

LOCATION.--Lat 43°12'16", long 77°47'09", Hydrologic Unit 04140101, 60 ft north of bridge on Odgen Parma Townline Road, 0.55 mi east of State Highway 259.

PERIOD OF RECORD.--Water years 2001 to current year.

CHEMICAL DATA: Water years 2001 to 2002 (d), 2003 (c), 2004 (b).

NUTRIENT DATA: Water years 2001 to 2002 (d), 2003 (c), 2004 (b).

COOPERATION.--Water-quality samples were collected and analyzed by the Monroe County Environmental Health Laboratory at Rochester, N.Y.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Dis- solved oxygen, mg/L (00300)	Chlor- ide, water, fltrd, mg/L (00940)	Residue total at 105 deg. C, sus- pended, mg/L (00530)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water unfltrd mg/L as N (00630)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, unfltrd mg/L (00665)
OCT 21	0925	7.3	67	9	2.0	1.1	1.7	.168	.252
JUN 16	1000	--	80	11	>2.0	1.5	1.4	.097	.194
JUL 13	0755	--	87	7	.77	.16	1.7	.136	.174

> Greater than.

STREAMS TRIBUTARY TO LAKE ONTARIO

431510077363501 GENESEE RIVER AT CHARLOTTE PUMP STATION, NEAR ROCHESTER, NY

LOCATION.--Lat 43°15'10", long 77°36'35", Monroe County, Hydrologic Unit 04130003, at Charlotte, in Rochester, on west bank of the Genesee River, 1300 ft downstream of Stutson Street Bridge, 0.5 mi upstream of mouth, and 5.0 mi downstream from gaging station (04232000) at Rochester.

DRAINAGE AREA.--2,467 mi² at station 04232000.

PERIOD OF RECORD.--Water years 1990 to current year.

CHEMICAL DATA: Water years 1990 to current year (e).

NUTRIENT DATA: Water years 1990 to current year (e).

COOPERATION.--Water-quality samples were collected and analyzed by the Monroe County Environmental Health Laboratory at Rochester, NY.

REMARKS.--Prior to 1994 water year, data published in "Water Resources of Monroe County New York, Water Years 1989-93", U.S. Geological Survey Open-File Report 97-587.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	End time	Dis-charge, cfs (00060)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Residue total at 105 deg. C, sus-pended, mg/L (00530)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water unfltrd mg/L as N (00630)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)
OCT											
02-08	0850	0949	1,920	33	49	35	.54	.06	.84	.025	.120
08-14	1020	0519	1,230	37	53	22	.49	.02	.99	.029	.103
16-18	1025	0925	2,080	45	67	25	.45	.06	.91	.032	.085
22-28	1000	1000	1,070	35	63	14	.39	.08	.74	.022	.082
OCT 30-											
NOV 02											
05-12	1120	1020	1,880	52	71	21	.68	.02	.96	.022	.066
25-27	1000	2100	8,080	24	31	237	1.1	.01	.87	.016	.733
DEC											
04-05	1245	0544	8,910	30	40	87	.58	.05	1.2	.016	.252
DEC 29-											
JAN 05											
06-13	0930	0630	3,080	46	50	37	.50	.06	1.4	.013	.120
13-20	1340	1140	1,910	56	70	9	.44	.09	1.7	.017	.050
20-27	1150	1249	1,820	56	69	6	.49	.10	1.8	.016	.034
JAN 27-											
FEB 03											
03-10	1305	0805	1,530	52	97	<5	.52	.13	1.8	.034	.060
10-18	0855	0755	1,770	82	83	4	.67	.09	1.6	.025	.034
18-24	1010	1009	1,530	35	92	5	1.1	.14	1.6	.018	.029
FEB 24-											
MAR 02											
04-10	1320	1020	8,110	72	49	156	.93	.09	1.6	.039	.403
15-17	0925	0825	7,280	46	69	162	.87	.04	1.9	.021	.452
17-24	1055	0855	7,370	37	37	98	.66	.07	1.5	.014	.278
24-28	0945	1645	8,460	51	39	117	.70	.05	1.7	.013	.223
MAR 31-											
APR 07											
07-13	1155	0255	7,330	41	40	84	.61	.04	1.4	.012	.169
14-18	0945	1245	8,260	47	40	183	.99	.04	1.1	.019	.386
20-28	0930	0830	6,690	37	39	99	.66	.04	1.2	.013	.250
APR 28-											
MAY 05											
05-08	0955	2255	2,800	53	66	--	.71	.04	1.1	.013	.125
11-18	1010	0910	6,130	41	48	--	.67	.02	1.1	.015	.215
18-25	1015	0915	7,690	35	40	121	.76	.04	.95	.025	.304
MAY 25-											
JUN 01											
01-08	1025	0925	7,500	26	30	116	.89	.02	1.3	.025	.298
08-15	1050	1149	4,070	37	50	79	.66	.03	1.2	.014	.585
15-22	1215	1115	2,710	52	74	56	.57	.08	1.2	.044	.176
22-29	1045	0945	1,570	52	80	33	1.3	.11	1.4	.061	.117
JUN 29-											
JUL 06											
07-13	1005	1104	1,240	59	96	26	.66	.11	1.00	.029	.087
13-21	1020	0920	2,360	64	88	41	.84	.12	1.3	<.001	.136
21-28	0930	1029	1,910	57	73	49	.73	.12	1.2	.036	.127
JUL 28-											
AUG 03											
04-10	1100	1000	4,000	48	52	100	.93	.09	1.1	.036	.174
	1025	0925	1,770	45	61	39	.80	.11	.99	.043	.116

431510077363501 GENESEE RIVER AT CHARLOTTE PUMP STATION, NEAR ROCHESTER, NY—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004—Continued

Date	Time	End time	Dis-charge, cfs (00060)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Residue total at 105 deg. C, suspended, mg/L (00530)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water unfltrd mg/L as N (00630)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)
AUG											
10-18	1020	0920	1,220	50	74	21	.94	.11	1.1	.038	.106
18-24	0845	0745	1,560	51	79	20	.81	.12	.94	.026	.096
SEP											
02-07	1000	0859	2,430	25	38	118	.92	.06	.63	.031	.426
07-15	1030	1030	7,220	33	45	206	1.4	.06	.89	.052	.645
15-21	1120	1119	6,310	23	31	100	1.1	.05	.71	.028	.465
21-28	1210	1010	5,860	20	28	184	1.9	.03	.69	.024	.481
SEP 28- OCT 05	1045	0745	2,560	31	59	50	.74	.06	1.1	.025	.134

< Less than.