

**04269000 ST. REGIS RIVER AT BRASHER CENTER, NY**

St. Lawrence Basin  
St. Regis Subbasin

LOCATION.--Lat 44°51'49", long 74°46'45" referenced to North American Datum of 1927, St. Lawrence County, NY, Hydrologic Unit 04150306, on left bank 600 ft upstream from abandoned highway bridge at Brasher Center, and 6.5 mi downstream from West Branch.

DRAINAGE AREA.--612 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--August 1910 to October 1917, November 1917 to December 1918 (estimated monthly discharges only, published in WSP 1307), January 1919 to September 1996, October 1996 to September 1997 (annual maximum only), October 1997 to current year.

REVISED RECORDS.--WSP 1387: 1910-16, 1917(M). WDR NY-82-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 217.23 ft above NGVD of 1929. Prior to June 24, 1916, nonrecording gage at site 600 ft downstream at different datum. June 24, 1916 to Nov. 10, 1917, and Jan. 1, 1919 to Aug. 13, 1920, nonrecording gage at present site and datum.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Slight diurnal fluctuation caused by powerplant operations upstream from station. Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16,800 ft<sup>3</sup>/s, Apr. 6, 1937, gage height, 12.82 ft; maximum gage height, about 15.3 ft, Apr. 6, 1937 (ice jam); minimum discharge observed, about 34 ft<sup>3</sup>/s, Aug. 8, 1917, gage height, 5.25 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,600 ft<sup>3</sup>/s and (or) maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Oct 1	0930	8,490	10.30
Oct 16	1815	6,400	9.50
Apr 12	1630	9,040	10.50
Apr 29	1445	7,180	9.81
May 5	0015	6,650	9.60
May 17	0100	*9,150	*10.54

Minimum discharge, 259 ft<sup>3</sup>/s, Aug. 6, gage height, 5.94 ft.

## 04269000 ST. REGIS RIVER AT BRASHER CENTER, NY—Continued

**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	7,960	2,320	1,250	e430	e450	e680	1,150	4,580	1,970	761	495	1,330
2	5,920	1,920	2,270	e480	e470	e710	1,250	3,440	1,760	709	430	986
3	3,880	1,640	2,120	e540	e490	e810	1,360	3,130	1,480	637	372	838
4	2,950	1,500	1,860	e650	e490	e760	1,620	5,570	1,330	611	328	696
5	2,250	1,630	1,550	e620	e500	e900	2,900	6,210	1,170	566	301	1,750
6	2,040	1,840	1,190	e580	e510	e1,160	3,890	5,590	1,050	549	272	2,930
7	3,510	1,690	1,070	e530	e530	e1,620	3,080	4,510	1,030	601	286	2,260
8	3,520	1,550	e950	e500	e520	e2,320	2,510	3,590	946	653	286	1,750
9	2,800	1,510	e900	e470	e500	e2,770	2,360	2,990	919	572	324	1,420
10	2,260	1,420	e880	e440	e500	e2,780	2,420	2,510	900	501	517	1,190
11	1,840	1,390	e890	e410	e480	e2,670	5,130	2,160	845	434	611	970
12	1,490	1,300	e860	e390	e480	e2,740	8,710	1,960	888	443	577	835
13	1,330	1,130	e1,150	e400	e510	e3,050	8,070	1,790	968	506	484	729
14	1,160	1,140	e1,470	e410	e520	e2,930	7,470	1,710	1,060	561	416	690
15	1,510	1,060	e1,380	e430	e560	e2,600	6,200	3,600	1,040	568	572	692
16	5,910	1,010	e1,310	e430	e570	e2,230	4,740	7,160	944	498	979	795
17	5,080	1,220	e1,130	e420	e590	e1,990	4,410	8,380	885	424	974	787
18	3,480	1,700	e1,110	e390	e610	e1,840	3,920	6,000	786	519	771	705
19	2,600	1,660	e960	e400	e660	e2,400	3,410	4,270	716	785	612	625
20	2,130	1,470	e770	e360	e700	e3,040	3,540	3,420	660	830	466	581
21	2,010	1,290	e640	e390	e700	3,430	4,140	3,030	608	688	470	581
22	2,040	1,200	e560	e400	e690	3,050	3,980	3,360	552	553	766	562
23	1,720	1,220	e450	e360	e660	2,440	3,450	3,440	649	456	588	584
24	1,540	1,300	e430	e340	e650	2,090	2,970	2,950	821	487	523	590
25	1,680	1,280	e410	e350	e650	1,800	2,740	2,440	1,050	524	442	582
26	e1,640	1,220	e420	e330	e650	1,480	2,740	2,130	1,120	562	394	538
27	1,600	1,190	e430	e370	e650	1,440	4,040	2,550	1,040	524	370	496
28	1,730	1,000	e440	e360	e660	1,300	5,970	3,180	922	497	398	439
29	1,600	1,010	e450	e400	---	1,240	6,790	2,740	786	469	2,450	496
30	1,600	1,010	e440	e430	---	1,080	5,820	2,560	765	569	2,490	1,210
31	2,180	---	e430	e440	---	1,130	---	2,270	---	560	1,840	---
<b>Total</b>	82,960	41,820	30,170	13,450	15,950	60,480	120,780	113,220	29,660	17,617	20,804	28,637
<b>Mean</b>	2,676	1,394	973	434	570	1,951	4,026	3,652	989	568	671	955
<b>Max</b>	7,960	2,320	2,270	650	700	3,430	8,710	8,380	1,970	830	2,490	2,930
<b>Min</b>	1,160	1,000	410	330	450	680	1,150	1,710	552	424	272	439
<b>Cfsm</b>	4.37	2.28	1.59	0.71	0.93	3.19	6.58	5.97	1.62	0.93	1.10	1.56
<b>In.</b>	5.04	2.54	1.83	0.82	0.97	3.68	7.34	6.88	1.80	1.07	1.26	1.74

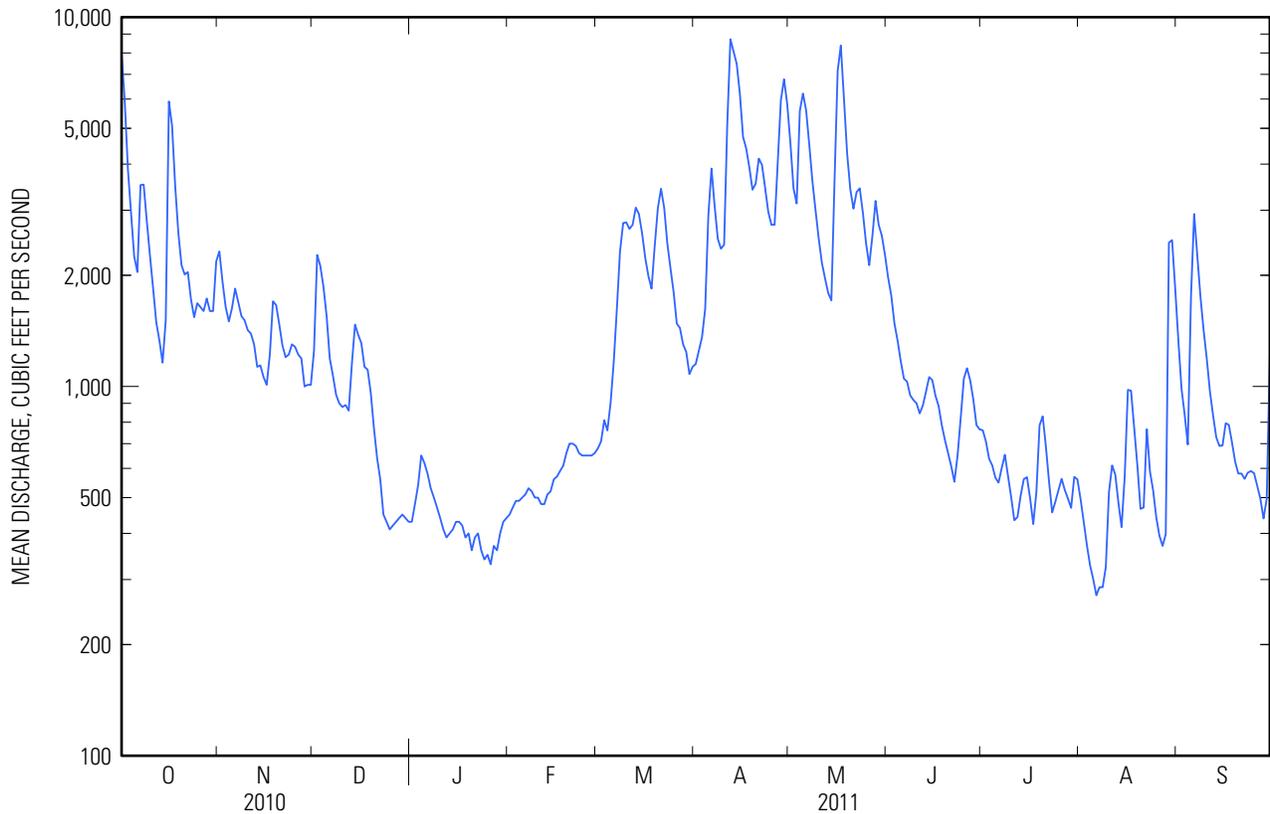
**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1910 - 2011, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	814	1,033	993	911	774	1,509	2,800	1,550	854	568	489	544
<b>Max</b>	2,676	2,467	2,674	2,678	2,268	3,434	5,576	4,512	2,848	1,486	1,564	1,541
<b>(WY)</b>	(2011)	(1928)	(1984)	(1913)	(1981)	(1913)	(1993)	(1971)	(1947)	(1998)	(1986)	(1981)
<b>Min</b>	296	374	367	273	304	337	996	495	247	225	129	155
<b>(WY)</b>	(1965)	(1931)	(1961)	(1931)	(1931)	(1941)	(1995)	(1941)	(1941)	(1941)	(1934)	(1934)

04269000 ST. REGIS RIVER AT BRASHER CENTER, NY—Continued

SUMMARY STATISTICS

	Calendar Year 2010		Water Year 2011		Water Years 1910 - 2011	
<b>Annual total</b>	414,645		575,548			
<b>Annual mean</b>	1,136		1,577		1,070	
<b>Highest annual mean</b>					1,884	1947
<b>Lowest annual mean</b>					581	1941
<b>Highest daily mean</b>	7,960	Oct 1	8,710	Apr 12	13,000	Apr 2, 1916
<b>Lowest daily mean</b>	205	Aug 22	272	Aug 6	37	Aug 8, 1917
<b>Annual seven-day minimum</b>	226	Aug 16	310	Aug 3	49	Aug 3, 1917
<b>Annual runoff (cfsm)</b>	1.86		2.58		1.75	
<b>Annual runoff (inches)</b>	25.20		34.98		23.75	
<b>10 percent exceeds</b>	2,080		3,440		2,260	
<b>50 percent exceeds</b>	891		1,010		702	
<b>90 percent exceeds</b>	416		430		296	



**04269000 ST. REGIS RIVER AT BRASHER CENTER, NY—Continued**

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--

CHEMICAL DATA: 2011 (c).

NUTRIENT DATA: 2011 (c).

SEDIMENT DATA: 2011 (e).

REMARKS.--A medium code of WSQ indicates a replicate sample.

COOPERATION.--In cooperation with the U.S. Environmental Protection Agency's Great Lakes Restoration Initiative (GLRI).

## 04269000 ST. REGIS RIVER AT BRASHER CENTER, NY—Continued

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

Part 1 of 6

[N, nitrogen; P, phosphorus; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; --, no data; WS, Surface water; WSQ, QC sample - Surface water; <, less than; E, estimated]

Date	Sample start time	Medium code	Temperature, air, °C (00020)	Discharge, instantaneous, ft <sup>3</sup> /s (00061)	Dissolved oxygen, 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)	Sampling method (82398)	Calcium, water, filtered, mg/L (00915)
03-06-2011	0515	WS	--	E 1,160	--	--	--	--	Point sample	--
03-06-2011	0930	WS	--	E 1,160	--	--	--	--	Point sample	--
03-06-2011	1745	WS	--	1,160	--	--	--	--	Point sample	--
03-07-2011	0200	WS	--	E 1,620	--	--	--	--	Point sample	--
03-07-2011	0715	WS	--	E 1,620	--	--	--	--	Point sample	--
03-07-2011	1700	WS	--	E 1,620	--	--	--	--	Point sample	--
03-24-2011	0945	WS	-1.0	2,070	--	7.4	63	.1	Point sample	--
03-24-2011	0955	WS	-1.0	2,070	--	7.4	63	.1	EWI	--
04-05-2011	0545	WS	--	2,180	--	--	--	--	Point sample	--
04-05-2011	1300	WS	--	2,890	--	--	--	--	Point sample	--
04-05-2011	2115	WS	--	3,840	--	--	--	--	Point sample	--
04-06-2011	0315	WS	--	4,020	--	--	--	--	Point sample	--
04-06-2011	1325	WS	--	3,780	--	--	--	--	Point sample	--
04-06-2011	1330	WS	7.0	3,780	101	7.3	60	2.3	EWI	5.72
04-07-2011	0845	WS	--	3,190	--	--	--	--	Point sample	--
04-11-2011	0645	WS	--	3,880	--	--	--	--	Point sample	--
04-11-2011	1930	WS	--	6,900	--	--	--	--	Point sample	--
04-12-2011	0345	WS	--	8,400	--	--	--	--	Point sample	--
04-12-2011	1245	WS	--	8,960	--	--	--	--	Point sample	--
04-12-2011	1250	WS	12.0	8,960	12.3	7.0	33	7.2	EWI	3.16
04-12-2011	2200	WS	--	8,850	--	--	--	--	Point sample	--
04-13-2011	0940	WS	--	8,100	--	--	--	--	Point sample	--
04-26-2011	1200	WS	55.0	2,650	11.4	7.3	50	9.5	EWI	4.59
04-26-2011	1205	WS	55.0	2,650	11.4	7.3	50	9.5	EWI	--
04-27-2011	0450	WS	--	3,340	--	--	--	--	Point sample	--
04-27-2011	2300	WS	--	5,460	--	--	--	--	Point sample	--
04-28-2011	2330	WS	--	6,570	--	--	--	--	Point sample	--
04-29-2011	1130	WS	--	6,720	--	--	--	--	Point sample	--
04-29-2011	2115	WS	--	6,670	--	--	--	--	Point sample	--
04-30-2011	1345	WS	--	6,010	--	--	--	--	Point sample	--
05-03-2011	2205	WS	--	3,520	--	--	--	--	Point sample	--
05-04-2011	0815	WS	--	5,160	--	--	--	--	Point sample	--
05-04-2011	1830	WS	--	6,420	--	--	--	--	Point sample	--
05-05-2011	0445	WS	--	6,520	--	--	--	--	Point sample	--
05-05-2011	1205	WS	--	6,060	--	--	--	--	Point sample	--
05-05-2011	1215	WS	7.0	6,030	11.9	7.2	46	8.5	EWI	4.71
05-06-2011	0715	WS	--	5,840	--	--	--	--	Point sample	--
05-24-2011	1220	WS	--	2,940	--	--	--	--	Point sample	--
05-24-2011	1230	WS	--	2,940	8.9	7.4	51	19.1	EWI	--
06-21-2011	1240	WS	--	641	--	--	--	--	Point sample	--

## 04269000 ST. REGIS RIVER AT BRASHER CENTER, NY—Continued

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

Part 2 of 6

[N, nitrogen; P, phosphorus; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; --, no data; WS, Surface water; WSQ, QC sample - Surface water; <, less than; E, estimated]

Date	Sample start time	Magnesium, water, filtered, mg/L (00925)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	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)
03-06-2011	0515	--	8.50	--	--	.082	.32	.003	.009
03-06-2011	0930	--	9.92	--	--	.099	.32	.003	.009
03-06-2011	1745	--	10.3	--	--	.110	.34	.003	.012
03-07-2011	0200	--	--	--	--	.085	.31	.003	.009
03-07-2011	0715	--	--	--	--	.097	.30	.003	.009
03-07-2011	1700	--	--	--	--	.038	.28	.002	.007
03-24-2011	0945	--	4.96	--	--	--	--	--	--
03-24-2011	0955	--	4.89	--	--	--	--	--	--
04-05-2011	0545	--	6.07	--	--	.026	.22	.001	< .004
04-05-2011	1300	--	5.94	--	--	.020	.22	.001	< .004
04-05-2011	2115	--	6.01	--	--	.016	.20	.001	< .004
04-06-2011	0315	--	5.32	--	--	.016	.20	.001	.007
04-06-2011	1325	--	4.53	--	--	.012	.18	.001	.004
04-06-2011	1330	2.11	4.41	.05	3.71	.012	.17	.001	.004
04-07-2011	0845	--	4.00	--	--	< .010	.20	< .001	< .004
04-11-2011	0645	--	4.86	--	--	.040	.18	.002	.006
04-11-2011	1930	--	4.04	--	--	.024	.16	.003	.006
04-12-2011	0345	--	2.99	--	--	.023	.15	.002	.006
04-12-2011	1245	--	2.13	--	--	.020	.15	.002	.006
04-12-2011	1250	1.06	2.11	< .04	2.73	.019	.16	.002	.006
04-12-2011	2200	--	1.85	--	--	.018	.16	.002	.006
04-13-2011	0940	--	1.75	--	--	.013	.15	.002	.006
04-26-2011	1200	1.54	3.88	.05	3.58	< .010	.09	.001	.006
04-26-2011	1205	--	4.00	--	--	.010	.09	.002	.006
04-27-2011	0450	--	4.47	--	--	.044	.08	.002	.005
04-27-2011	2300	--	3.73	--	--	.027	.10	.002	.005
04-28-2011	2330	--	3.03	--	--	.015	.05	.002	.004
04-29-2011	1130	--	2.53	--	--	.013	.05	.002	.004
04-29-2011	2115	--	2.43	--	--	.012	.04	.001	.005
04-30-2011	1345	--	2.47	--	--	.010	.05	.001	.005
05-03-2011	2205	--	4.08	--	--	.019	.07	.002	.006
05-04-2011	0815	--	5.75	--	--	.018	.10	.003	.006
05-04-2011	1830	--	4.66	--	--	.016	.08	.002	.006
05-05-2011	0445	--	3.53	--	--	.016	.07	.002	.006
05-05-2011	1205	--	3.18	--	--	.014	.07	.003	.006
05-05-2011	1215	1.64	3.18	< .04	2.70	< .010	.10	.002	.006
05-06-2011	0715	--	2.99	--	--	.012	.06	.002	.006
05-24-2011	1220	--	3.23	--	--	.023	.05	.004	< .004
05-24-2011	1230	--	3.19	--	--	.024	.05	.003	< .004
06-21-2011	1240	--	5.53	--	--	.022	.11	.001	< .004

## 04269000 ST. REGIS RIVER AT BRASHER CENTER, NY—Continued

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

Part 3 of 6

[N, nitrogen; P, phosphorus; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; --, no data; WS, Surface water; WSQ, QC sample - Surface water; <, less than; E, estimated]

Date	Sample start time	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)	Suspended sediment concentration, mg/L (80154)
03-06-2011	0515	.035	.82	22
03-06-2011	0930	.039	.87	32
03-06-2011	1745	.052	.93	32
03-07-2011	0200	.041	.86	15
03-07-2011	0715	.032	.78	19
03-07-2011	1700	.031	.62	10
03-24-2011	0945	--	--	3
03-24-2011	0955	--	--	3
04-05-2011	0545	.015	.58	6
04-05-2011	1300	.024	.58	12
04-05-2011	2115	.031	.56	26
04-06-2011	0315	.024	.54	21
04-06-2011	1325	.019	.36	10
04-06-2011	1330	.019	.46	11
04-07-2011	0845	.014	.43	4
04-11-2011	0645	.025	.71	14
04-11-2011	1930	.072	.80	111
04-12-2011	0345	.081	.97	169
04-12-2011	1245	.064	.89	191
04-12-2011	1250	.062	.70	47
04-12-2011	2200	.046	.61	109
04-13-2011	0940	.030	.54	73
04-26-2011	1200	.010	.29	2
04-26-2011	1205	.012	.27	22
04-27-2011	0450	.012	.67	5
04-27-2011	2300	.022	.61	19
04-28-2011	2330	.024	.55	--
04-29-2011	1130	.021	.52	34
04-29-2011	2115	.027	.52	51
04-30-2011	1345	.018	.48	28
05-03-2011	2205	.016	.47	5
05-04-2011	0815	.031	.58	15
05-04-2011	1830	.027	.52	25
05-05-2011	0445	.021	.52	41
05-05-2011	1205	.018	.42	14
05-05-2011	1215	.018	.42	5
05-06-2011	0715	.014	.40	10
05-24-2011	1220	.027	.47	8
05-24-2011	1230	.022	.42	4
06-21-2011	1240	.028	.54	3

## 04269000 ST. REGIS RIVER AT BRASHER CENTER, NY—Continued

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

Part 4 of 6

[N, nitrogen; P, phosphorus; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; --, no data; WS, Surface water; WSQ, QC sample - Surface water; <, less than; E, estimated]

Date	Sample start time	Medium code	Temperature, air, °C (00020)	Discharge, instantaneous, ft <sup>3</sup> /s (00061)	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)	Sampling method (82398)	Calcium, water, filtered, mg/L (00915)
06-21-2011	1245	WS	--	641	8.8	7.8	76	24.0	EWI	7.19
07-26-2011	0840	WS	--	555	8.3	7.7	80	23.1	EWI	7.75
07-26-2011	0841	WSQ	--	555	--	--	--	--	EWI	7.75
07-26-2011	0850	WS	--	555	8.3	7.6	88	23.3	Point sample	--
07-26-2011	0851	WSQ	--	555	--	--	--	--	Point sample	--
08-23-2011	1330	WS	--	588	--	7.8	106	--	EWI	10.2
08-23-2011	1335	WS	--	588	--	7.8	106	--	Point sample	--
08-28-2011	2200	WS	--	534	--	7.6	94	--	Point sample	--
08-29-2011	0115	WS	--	1,370	--	7.6	95	--	Point sample	--
08-29-2011	0430	WS	--	1,780	--	7.6	95	--	Point sample	--
08-29-2011	1415	WS	--	3,170	--	7.6	99	--	Point sample	--
08-29-2011	1900	WS	--	2,850	--	7.5	84	--	Point sample	--
08-30-2011	0715	WS	--	2,580	--	7.4	68	--	Point sample	--
08-30-2011	1930	WS	--	2,340	--	7.3	59	--	Point sample	--
09-01-2011	0655	WS	--	1,440	--	7.1	55	--	Point sample	--
09-20-2011	0905	WS	--	588	--	7.5	75	--	Point sample	--
09-20-2011	0910	WS	--	588	--	7.5	75	--	EWI	--

## 04269000 ST. REGIS RIVER AT BRASHER CENTER, NY—Continued

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

Part 5 of 6

[N, nitrogen; P, phosphorus; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; --, no data; WS, Surface water; WSQ, QC sample - Surface water; <, less than; E, estimated]

Date	Sample start time	Magnesium, water, filtered, mg/L (00925)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	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)
06-21-2011	1245	2.52	5.61	.06	3.94	.014	.12	.002	< .004
07-26-2011	0840	2.74	5.47	< .04	3.39	.014	.07	< .001	.005
07-26-2011	0841	2.69	5.54	< .04	3.44	.013	.07	< .001	.005
07-26-2011	0850	--	5.49	--	--	.016	.07	.001	.006
07-26-2011	0851	--	5.41	--	--	.018	.06	< .001	.006
08-23-2011	1330	3.69	6.53	.06	4.48	< .010	.13	.001	< .004
08-23-2011	1335	--	6.64	--	--	.013	.13	< .001	< .004
08-28-2011	2200	--	6.12	--	--	.019	.06	.003	< .004
08-29-2011	0115	--	6.30	--	--	.019	.07	.003	< .004
08-29-2011	0430	--	6.54	--	--	.017	.09	.002	< .004
08-29-2011	1415	--	6.64	--	--	< .010	.17	.003	< .004
08-29-2011	1900	--	5.26	--	--	.023	.12	.002	< .004
08-30-2011	0715	--	3.93	--	--	.014	.11	.002	< .004
08-30-2011	1930	--	3.41	--	--	.011	.10	.002	< .004
09-01-2011	0655	--	3.10	--	--	.011	.07	.001	< .004
09-20-2011	0905	--	5.87	--	--	.033	.07	< .001	< .004
09-20-2011	0910	--	5.87	--	--	< .010	.07	< .001	< .004

**04269000 ST. REGIS RIVER AT BRASHER CENTER, NY—Continued****WATER-QUALITY DATA****WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 6 of 6

[N, nitrogen; P, phosphorus; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; --, no data; WS, Surface water; WSQ, QC sample - Surface water; <, less than; E, estimated]

<b>Date</b>	<b>Sample start time</b>	<b>Phosphorus, water, unfiltered, mg/L as P (00665)</b>	<b>Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)</b>	<b>Suspended sediment concentration, mg/L (80154)</b>
06-21-2011	1245	.017	.48	--
07-26-2011	0840	.015	.40	< .5
07-26-2011	0841	.015	.40	< .5
07-26-2011	0850	.017	.43	39
07-26-2011	0851	.016	.42	3
08-23-2011	1330	.018	.50	2
08-23-2011	1335	.024	.56	3
08-28-2011	2200	.017	.44	3
08-29-2011	0115	.023	.46	7
08-29-2011	0430	.026	.45	9
08-29-2011	1415	.062	.82	23
08-29-2011	1900	.058	.78	19
08-30-2011	0715	.037	.68	10
08-30-2011	1930	.039	.68	10
09-01-2011	0655	.030	.70	5
09-20-2011	0905	.015	.47	4
09-20-2011	0910	.022	.39	1