04237953 RATTLESNAKE GULF AT OTISCO, NY

Oswego Basin
Seneca Subbasin

LOCATION.--Lat 42°52'18.0", long 76°12'43.3" referenced to North American Datum of 1927, Onondaga County, NY, Hydrologic Unit 04140201, at culvert on Cooks Road, 0.3 mi east of State Highway 80, and 1.0 mi northeast of Otisco.

DRAINAGE AREA.--2.77 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous measurements, 2006-08.

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Date	Discharge, in ft^3/s	Gage height, in ft
Jan 9, 2008	13.9	1.08
Feb 6, 2008	98.6	2.82
Jul 10, 2008	0.336	0.35
Jul 21, 2008	1.74	0.54
Sep 11, 2008	0.283	0.34

04237953 RATTLESNAKE GULF AT OTISCO, NY—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 2006-08 (discontinued).
NUTRIENT DATA: Water year 2006-08 (d).
SEDIMENT DATA: Water year 2006-08 (d).
CHEMICAL DATA: Water year 2006-08 (d).

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 2

[Remark codes: <, less than; E, estimated.]

Date	Time	Instantaneous discharge, ft3/s (00061)	Specific conductance, wat unf µS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Residue total non-filterable, mg/L (00530)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L as P (00666)	Phosphorus, water, unfltrd mg/L as P (00665)
Oct													
19...	1325	.54	--	--	12	.2	.2	<.02	.815	.006	<.006	<.006	.013
19...	1615	.54	328	15.5	--	.2	.2	E.012	.805	.006	E.003	<.006	.018
23...	1205	.96	1,450	14.0	15	.2	.4	<.02	.704	.006	.013	.017	.052
23...	1710	14	740	14.6	--	.5	1.9	.026	.856	.013	.072	.086	.59
Nov													
20...	1045	23	325	6.0	--	.5	.8	.036	2.54	.008	.062	.074	.189
Dec													
12...	1140	E20	465	2.5	17	.3	.4	.023	3.28	.006	.030	.039	.063
Jan													
07...	1125	21	407	4.1	24	.3	.4	.046	2.89	.005	.025	.034	.065
28...	1320	2.6	524	3.2	--	E.1	.2	<.02	2.74	.005	E.005	E.003	.009
Feb													
06...	0915	92	242	1.0	150	.7	1.7	.162	1.73	.013	.128	.165	.40
Mar													
05...	0950	37	324	1.0	--	.8	1.2	.224	2.12	.010	.107	.157	.26
13...	0940	5.2	481	.7	--	.1	.2	<.02	2.88	.006	.009	.013	.016
May													
14...	1300	.90	--	14.0	--	.2	.3	<.02	1.30	.010	E.005	E.004	.012
Jul													
10...	0950	.34	638	18.4	--	.3	.4	.076	.608	.015	.007	.007	.037
13...	1630	5.2	537	19.8	--	.5	.9	.055	.602	.018	.025	.038	.150
Sep													
11...	1130	.28	--	14.0	--	.2	.3	E.019	.666	.007	E.003	.006	.020

04237953 RATTLESNAKE GULF AT OTISCO, NY—Continued

WATER-QUALITY DATA WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 2

[Remark codes: <, less than; E, estimated.]

Date	Suspended sediment concentration mg/L (80154)
Oct	
19...	123
19...	157
23...	158
23...	1,140
Nov	
20...	42
Dec	
12...	23
Jan	
07...	24
28...	39
Feb	
06...	186
Mar	
05...	71
13...	5
May	
14...	54
Jul	
10...	70
13...	76
Sep	
11...	39