04239800 FURNACE BROOK AT SYRACUSE, NY

Oswego Basin
Seneca Subbasin

LOCATION.--Lat 43°01'08.1", long 76°10'01.6" referenced to North American Datum of 1927, Onondaga County, NY, Hydrologic Unit 04140201, in Syracuse, at pedestrian bridge upstream from tunnel and pond in Elmwood Park, 0.2 mi upstream from State Highway 175, and 0.6 mi upstream from mouth.

DRAINAGE AREA.--3.71 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
Oct 20, 2007	0.34	1.10

04239800 FURNACE BROOK AT SYRACUSE, 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													
23...	0805	7.6	962	13.9	32	.2	.6	E.012	.402	.004	.024	.028	.084
23...	1620	12	670	15.9	--	.3	.5	<.02	.297	.003	.020	.025	.079
Nov													
20...	0820	17	1,220	5.6	--	.2	.6	<.02	.371	.003	.009	.014	.085
Dec													
12...	0920	32	1,470	2.9	--	.2	.3	<.02	.470	.004	E.004	.008	.034
Jan													
07...	0850	32	1,090	5.6	--	E.1	.2	<.02	.761	.003	E.005	E.005	.016
09...	0905	32	1,240	8.4	--	.1	.3	<.02	.847	.006	E.004	.007	.043
28...	1240	31	1,190	6.9	--	E.10	E.1	<.02	1.31	.003	E.003	<.006	<.008
Feb													
06...	1005	94	710	1.8	164	.1	.9	<.02	.473	.003	.007	.013	.183
Mar													
05...	0810	55	1,440	1.7	--	.2	.6	<.02	.590	.004	E.005	.011	.107
13...	1055	20	1,240	5.4	--	E.1	.2	<.02	1.09	E.002	<.006	<.006	.232
19...	1405	36	982	4.6	23	.1	.2	<.02	.676	.006	<.006	E.004	.025
Apr													
28...	0710	13	1,100	9.5	--	E.1	.2	<.02	.961	.003	<.006	<.006	E.006
May													
14...	0955	11	1,180	10.5	--	E.09	E.1	<.02	1.00	.003	E.004	<.006	<.008
Jun													
10...	1240	5.3	1,160	15.2	--	.3	.3	E.020	1.01	E.004	E.004	.007	.014
Jul													
10...	1150	1.8	1,480	14.7	--	E.1	E.1	E.013	1.03	.003	.010	.009	.018
Sep													
11...	1050	.24	1,560	11.8	--	E.1	E.1	<.02	1.03	.003	E.005	.007	.010

04239800 FURNACE BROOK AT SYRACUSE, 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	
23...	41
23...	32
Nov	
20...	61
Dec	
12...	42
Jan	
07...	48
09...	74
28...	54
Feb	
06...	188
Mar	
05...	127
13...	46
19...	63
Apr	
28...	120
May	
14...	67
Jun	
10...	22
Jul	
10...	81
Sep	
11...	56