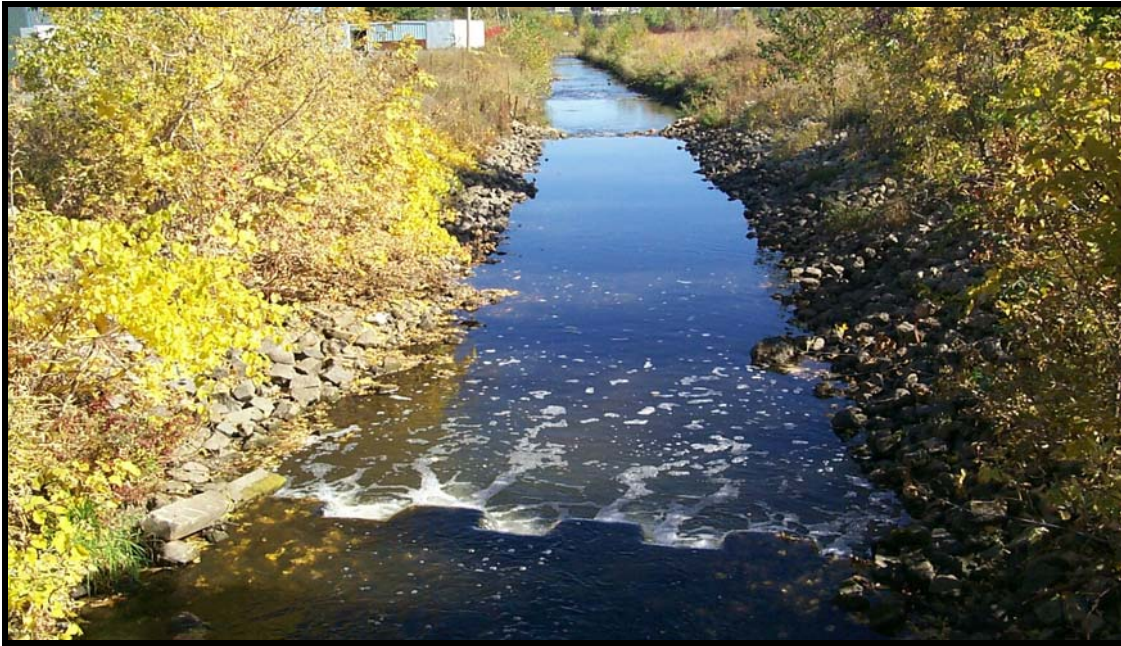


Table 1.BS. Bassett Creek Monitoring Station Information



Station Address: 100 Irving Ave. S., Minneapolis, MN
County: Hennepin
Major Basin: Mississippi River Basin
Watershed: Bassett Creek
Drainage Area: 43 square miles

Station Operator: Minneapolis Park and Recreation Board

Metropolitan Council Environmental Services Contact Information:

Contact Person: Leigh Harrod, P.G.
Address: 2400 Childs Road
St Paul, MN 55106
Phone: 651-602-8085
E-mail: leigh.harrod@metc.state.mn.us

Watershed District or Watershed Management Organization:

Bassett Creek Watershed Management Commission

Station Overview: MCES, with funding provided by the Minnesota Legislature via a grant from the Minnesota Pollution Control Agency (MPCA), has supported water quality monitoring of Bassett Creek since March 2000. The monitoring station is located in Minneapolis, Minnesota, 1.9 miles upstream from the creek confluence with the Mississippi River. In the vicinity of the monitoring station, the creek is quite straight, with no meanders and rip-rap along each bank. About a quarter mile downstream from the station, the creek enters a tunnel and remains underground until it discharges into the

Mississippi River, after flowing underneath the major business sector of Minneapolis. The Bassett Creek Watershed is situated entirely within Hennepin County.

MCES partners with the Minneapolis Park and Recreation Board and the Bassett Creek Watershed Management Commission to both maintain the rating curve and operate the station.

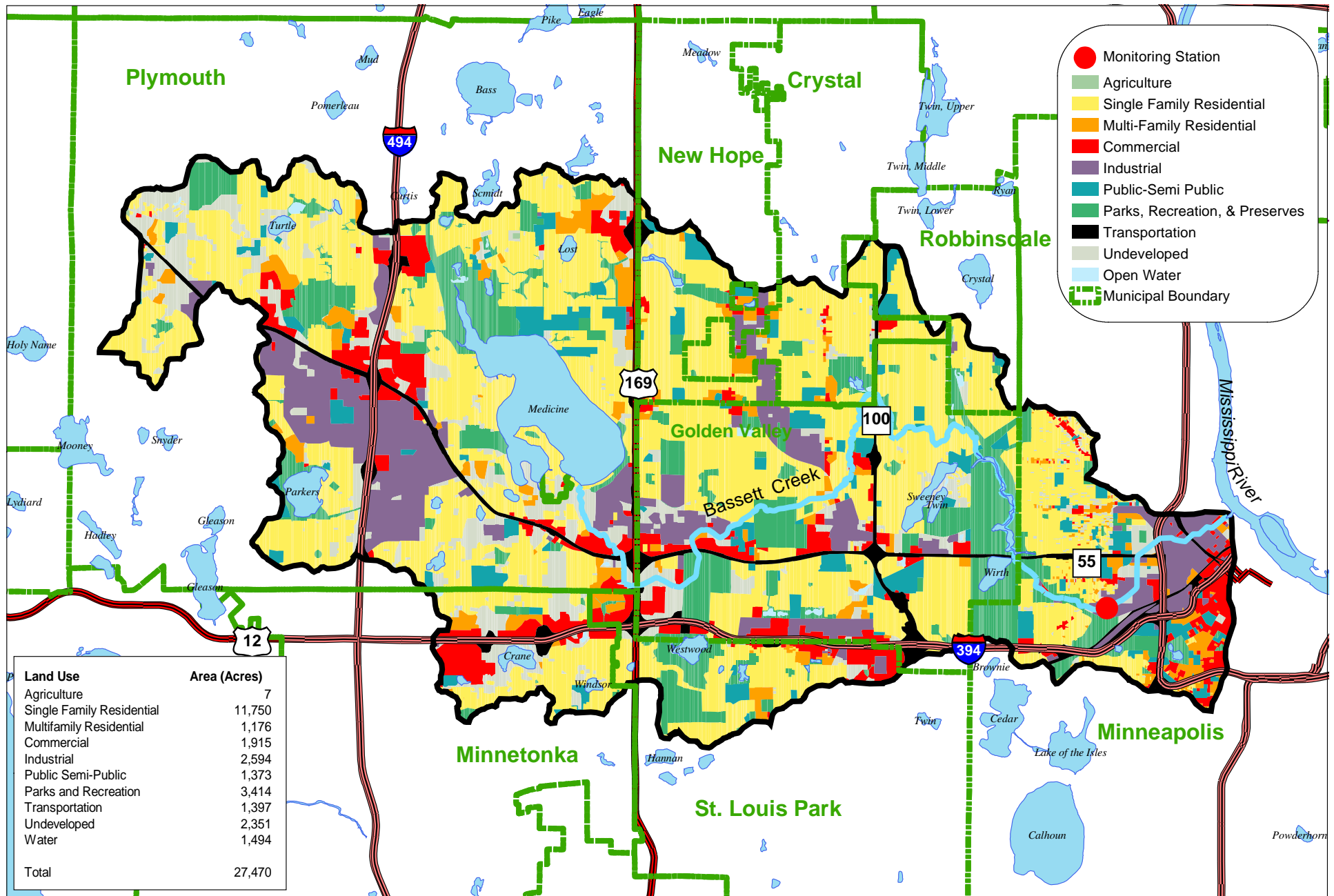
2001 Monitoring Year: Daily average stream flows were estimated prior to the ice out date, which occurred on approximately March 21, 2001. The peak daily average stream flow of 544 cfs, with a stage of 3.64 feet, occurred on April 23, 2001.

There was a significant storm event on April 22, 2001, when 2.57 inches of precipitation was recorded at the station. Rain was recorded on 105 days in 2001 at this location.

Twenty-seven samples were collected for water chemistry analysis during 2001, including 16 composite samples and 11 grab samples. The MCES annual water quality monitoring plan includes 12 monthly baseflow (“non-event”) grab samples and approximately 10 to 15 flow-weighted composite samples collected during all runoff events in the open water season (March-November). The 2001 sampling scheme met the goals of the MCES monitoring work plan.

For additional stream monitoring information and monitoring methods regarding this site, see www.metrocouncil.org/environment/RiversLakes.

Figure 1.BS. Bassett Creek Monitoring Station Location and Watershed Characteristics



0 0.5 1 2 Miles



Figure 2.BS. Bassett Creek 2001 Hydrograph with Rainfall and Sampling Information

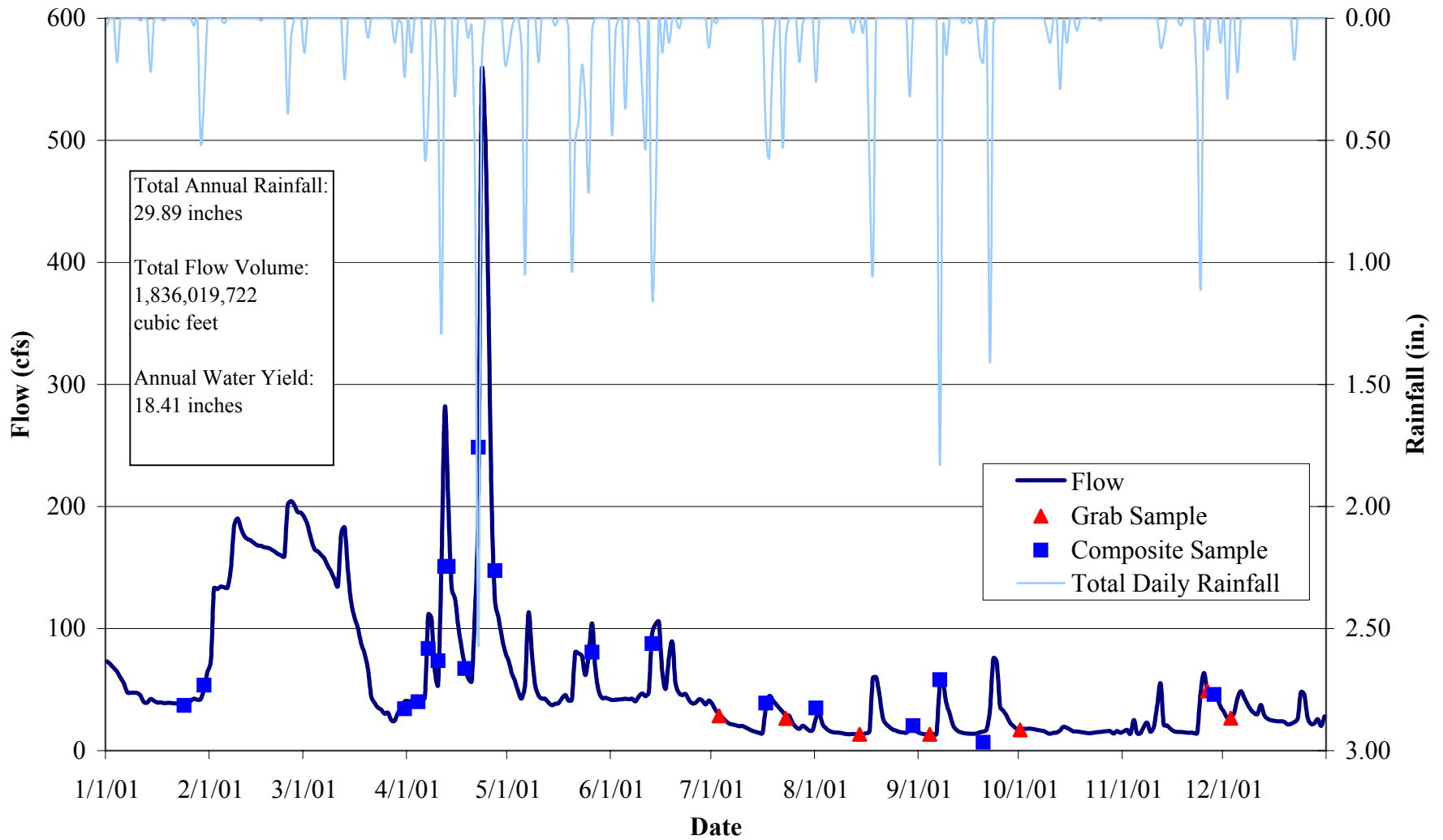


Table 2.BS. Bassett Creek 2001 Water Chemistry Information

Variable	N	Mean	Median	Minimum	Maximum	25%	75%	STD
Chloride, mg/L	27	137	97	49	1031	83	125	182
Hardness, mg/L	28	233	230	144	436	172	281	68
Cadmium, ug/L	28	0.1	0.1	0.1	0.3	0.1	0.1	0.0
Chromium, ug/L	28	1.4	0.9	0.5	4.3	0.5	2.0	1.1
Copper, ug/L	28	5.5	4.9	1.6	15.5	3.0	7.2	3.4
Lead, ug/L	28	4.3	3.8	1.4	19.9	1.5	5.7	3.9
Nickel, ug/L	28	3.1	3.0	2.2	4.9	2.4	3.6	0.8
Zinc, ug/L	28	14.0	10.0	3.0	62.0	6.0	21.0	13.0
Nitrogen, Total Kjeldahl, mg/L	28	1.20	1.10	0.60	2.20	0.90	1.60	0.40
Nitrogen, Total Nitrate, mg/L	28	0.52	0.39	0.15	1.34	0.26	0.75	0.34
Phosphorus, Total, mg/L	28	0.14	0.13	0.07	0.27	0.10	0.18	0.05
Phosphorus, Total Dissolved, mg/L	25	0.06	0.05	0.02	0.14	0.04	0.07	0.18
Solids, Total Suspended, mg/L	27	30	23	10	128	13	36	25
Solids, Volatile Suspended, mg/L	27	8	7	3	21	4	10	5
Turbidity, NTU	16	12	7	4	31	6	20	9

Table 3.BS. Bassett Creek 2001 Annual Loading Information* for Suspended Solids and Nutrients

Variable	Annual Load (tons)	Annual Yield (lbs/acre)	Annual Normalized Yield (lbs/acre/in of water)	Flow Weighted Mean Concentration (mg/L)
Solids, Total Suspended	2,213	161	9	37
Phosphorus, Total	8.27	0.60	0.03	0.14
Phosphorus, Total Dissolved	2.90	0.21	0.01	0.05
Nitrogen, Total Nitrate	34.79	2.53	0.14	0.63

* 2001 Annual Loading Information is provisional and may be subject to minor revisions.