

## Biomonitoring Results for Spring Creek (Chaska High School VSMP Site)

Last Date Sampled: September 16, 2003

Date	Family Biotic Index	Habitat Score	EPT	Number of Families	Dominant Family	Dominant Family % Overall
10/2/2001	5.1	N/A	3	13	Baetidae	38.3%
5/10/2002	4.3	165	2	6	Gammaridae	88.1
9/16/2002	4.2	164	1	6	Gammaridae	86.7
6/13/2003	4.4	N/A	1	5	Gammaridae	78.3%
9/16/2003	4.2	196	1	7	Baetidae	58.3%

\* for details refer to pages 2-4 and 2-5  
\*\* fall 2003 results not final QA/AC

### Summary of Results:

- 2003 FBI results are consistent with 2002 data in that they all indicate good to very good water quality.
- Dominant families in all monitoring sessions have similar tolerance values. Such tolerance values signify moderate to low pollution tolerance.
- In order to draw further conclusions, more research must be conducted at this site.

### Current Dominant Families:



**Family Name:** Gammaridae  
**Common Name:** scud  
**Tolerance Value:** 4  
**Occurrence:** widespread  
**Of note:** feed on organic debris



**Family Name:** Baetidae  
**Common Name:** small minnow mayflies  
**Tolerance Value:** 4  
**Occurrence:** widespread  
**Of note:** very common when conditions permit