



Minnesota Department of Natural Resources
Section of Fisheries
Stream Population Assessment

Region 5	Area Lake City (510)	Stream Name King's Creek	Tributary No. M-39	Length (mi) 0.9
County Wabasha		Watershed Name, No. Zumbro, 35	Source (T-R-S) 111N 11W 17	Mouth (T-R-S) 111N 11W 19

Date(s) of Assessment: June 3, 1998

Assessment Purpose:
 Reconnaissance to assess current stream conditions and trout populations.

Station	Similar Reach	Stream Mile	Length (ft)	Mean Width (ft)	Acres
Beaver dam	1	0.7	480	8	0.09

Summary:

No trout exist in King's Creek at this time. The most suitable habitat is located from stream mile 0.3 upstream, although overall quality is poor. Beaver dams are present within this reach.

There are at least two springs on King's Creek that are sources of cold water. Reintroducing brook trout should be investigated.

Age and Growth

Stream King's Creek

Tributary Number M-39

a) Length Class Distributions

Species						
Station						
Date						
Length Class						
0.0 - 2.4						
2.5 - 2.9						
3.0 - 3.4						
3.5 - 3.9						
4.0 - 4.4						
4.5 - 4.9						
5.0 - 5.4						
5.5 - 5.9						
6.0 - 6.4						
6.5 - 6.9						
7.0 - 7.4						
7.5 - 7.9						
8.0 - 8.4						
8.5 - 8.9						
9.0 - 9.4						
9.5 - 9.9						
10.0 - 10.4						
10.5 - 10.9						
11.0 - 11.4						
11.5 - 11.9						
12.0 - 12.5						
12.5 - 12.9						
13.0 - 13.4						
13.5 - 13.9						
14.0 - 14.9						
15.0 - 15.9						
16.0 - 16.9						
17.0 - 17.9						
18.0 - 18.9						
19.0 - 19.9						
20.0 - 20.9						
21.0 - 21.9						
22.0 - 22.9						
23.0 - 23.9						
24.0 - 24.9						
25.0 - 25.9						
26.0 - 26.9						
27.0 - 27.9						
28.0 +						
Estimated Total						
Sample Size						

Stream King's CreekTributary Number M-39**DISCUSSION OF FISHERY****Habitat:**

The land adjacent to the stream is wild wooded. The entire stream has low gradient, especially in the lower section. This area is deeply incised, high width:depth, with a hard bottom (little silt). The only habitat available is in the form of woody debris. Beginning at stream mile 0.3, the gradient increases slightly and the stream narrows. Overall, the stream does not seem suitable to gamefish populations.

Inactive beaver dams are present from stream mile 0.43 upstream.

Fishery:

No fishery exists in King's Creek, although northern pike fishing may occur in Lake Pepin at the mouth of King's Creek. Only several fish were sampled, none of which were game fish. This is consistent with the 1984 survey.

Source:

Sogla, D. H. 1984. King's Creek Survey. Minnesota Department of Natural Resources Stream Survey. 16pp.

Credits and Signatures

Field Crew: Pat Rivers, Randy Binder		
Report Completed by:		
Name: Pat Rivers	Title: NR Specialist	Date: 1/14/99
Approved by:		
Area Fisheries Supervisor <i>Mr. Scully</i> 3/31/99	Regional Fisheries Manager's Signature <i>Mark Hynd</i>	Date 5/12/99