

Ecological Flow Guidelines

1 **WHEREAS**, water quality is important to the ecology of aquatic habitat;

2 **AND WHEREAS**, the natural ecology of stream systems can be altered by the introduction of

3 impoundments in the water ways;

4 **AND WHEREAS**, guidelines would improve the flow regime to be more like the natural flow;

5 **AND WHEREAS**, In Missouri, there are over 100,000 impoundments in the streams which disrupt

6 ecological flow;

7 **AND WHEREAS**, macro invertebrates and fish are negatively impacted by rapidly fluctuating water

8 levels and velocities;

9 **AND WHEREAS**, their life history is dependent upon specific water flow in specific seasons;

10 **AND WHEREAS**, in the Missouri Water Summit CFM and affiliated organizations identified top ten

11 actions of priority;

12 **AND WHEREAS**, the priorities include the protection of watersheds, riparian corridors, and flows; as

13 well as investing in water resource planning, conservation, and the development of an integrated

14 statewide watershed plan;

15 **NOW, THEREFORE, BE IT RESOLVED** that the Conservation Federation of Missouri assembled at

16 the Lodge of Four Seasons, Lake Ozark, MO, this 26th day of February, 2012 encourages the

17 Department of Conservation and the Department of Natural Resources to collaborate with the

18 appropriate federal agencies to develop guidelines for re-establishing ecological flows in watersheds

19 throughout the state of Missouri.