Response of benthic macroinvertebrates to carp (*Cyprinus carpio*) biomanipulation in three tributaries of a eutrophic, Great Plains reservoir, USA

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mark barriers used in Year 2 (1995). Squares indicate locations of fsh exclosures.

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Fish barriers: upstream and downstream-Ø X٩ X **ر ا X - X** •



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Table 1. Total weight (kg) of fsh killed following application of rotenone to tributaries of Bowman-Haley Reservoir, North Dakota, Year 1 (1994) and Year 2 (1995).



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Fig. 4. Average density of organisms upstream (exclosure) and downstream of fsh barriers in Year 1

Benthic macroinvertebrate richness per sample upstream (exclosure) and downstream of fsh barriers (non-vegetated), Alkali Creek (Year 2), and vegetated areas in Spring Creek (Year 1 and Year 2). Numbers refer to the number of samples having a particular species richness.

Future Studies

Acknowledgments

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