

APPENDIX E

IBI Scores from Previous Investigations on Tributaries Streams to Red River

Table E1. Index of Biotic Integrity (IBI) scores for watersheds in the Red River basin sampled in 2000, 2001 and 2005 (Van Offelen et al. 2002a, Van Offelen et al. 2002b, Groshens 2003a, Groshens 2002b, Van Offelen et al. 2003, Groshens 2005).

<i>Watershed</i> <u>Stream</u>	IBI Score	IBI Score Interpretation	<i>Watershed</i> <u>Stream</u>	IBI Score	IBI Score Interpretation
<i>Bois de Sioux Watershed</i>			<i>Roseau River Watershed</i>		
Bois de Sioux River	24	Poor	Roseau River	38	Fair
Bois de Sioux River	18	Very poor	Roseau River	16	Very poor
Twelvemile Creek	20	Very poor	Roseau River	24	Poor
W. Branch Twelvemile Creek	16	Very poor	Roseau River	14	Very poor
Mustinka River	23	Poor	Roseau River	26	Poor
Five Mile Creek	26	Poor	Roseau River	44	Good
<i>Red Lake River Watershed</i>			Roseau River	34	Fair
Burnham Creek	30	Poor	Roseau River	40	Fair
Black River	42	Good	Roseau River	40	Fair
Clearwater River	40	Fair	So. Fork Roseau River	38	Fair
Clearwater River	34	Fair	So. Fork Roseau River	46	Good
Clearwater River	32	Fair	Hay Creek	32	Fair
Clearwater River	44	Good	Hay Creek	24	Poor
Clearwater River	26	Poor	Hay Creek	30	Poor
Clearwater River	24	Poor	Bear Creek	38	Fair
Clearwater River	22	Poor	Bear Creek	40	Fair
Clearwater River	28	Poor	Sprague Creek	40	Fair
Clearwater River	20	Very Poor	<i>Two Rivers Watershed</i>		
Clearwater River	24	Poor	So. Branch Two Rivers	28	Poor
Clearwater River	30	Poor	So. Branch Two Rivers	22	Poor
Lost River	42	Good	So. Branch Two Rivers	24	Poor
Lost River	44	Good	County Ditch 49	30	Poor
Poplar River	42	Good	County Ditch 48	36	Fair
Poplar River	16	Very Poor	So. Branch Two Rivers	46	Good
Hill River	38	Fair	So. Branch Two Rivers	38	Fair
Thief River	48	Good	So. Branch Two Rivers	36	Fair
Red Lake River	40	Fair	County Ditch 13	16	Very Poor
<i>Buffalo River Watershed</i>			Middle Branch Two Rivers	36	Fair
Buffalo River	32	Fair	Middle Branch Two Rivers	32	Fair
Buffalo River	38	Fair	Two Rivers	38	Fair
Buffalo River	38	Fair	No. Branch Two Rivers	42	Good
Buffalo River	38	Fair	No. Branch Two Rivers	40	Fair
Buffalo River	44	Good	No. Branch Two Rivers	40	Fair
Buffalo River	42	Good	No. Branch Two Rivers	34	Fair
Buffalo River	28	Poor	No. Branch Two Rivers	26	Poor
So. Branch Buffalo River	32	Fair	<i>Wild Rice Watershed</i>		
So. Branch Buffalo River	34	Fair	Wild Rice River	24	Poor
So. Branch Buffalo River	28	Poor	Wild Rice River	42	Good
Stony Creek	22	Poor	Wild Rice River	32	Fair
Stony Creek	38	Fair	Wild Rice River	44	Good
Stony Creek	28	Poor	Wild Rice River	40	Fair
Spring Creek	40	Fair	Wild Rice River	32	Poor
Hay Creek	30	Poor	Wild Rice River	42	Good
Hay Creek	24	Poor	Wild Rice River	38	Fair
County Ditch 38	38	Fair	White Earth River	38	Fair
Deerhorn Creek	38	Fair	White Earth River	40	Fair
Whiskey Creek	30	Poor	White Earth River	34	Fair
Whiskey Creek	28	Fair	So. Branch Wild Rice River	32	Fair
Whiskey Creek	20	Very Poor	So. Branch Wild Rice River	38	Fair
Whiskey Creek	34	Fair	Marsh Creek	36	Fair
			Mashaug Creek	40	Fair