

Appendix C

St. Louis River AOC BUI 2 Fisheries Data

St. Louis River Estuary Fisheries Statistics for BUI 2 Indicator Species

Standard Gillnetting CPUE (Early July Sampling)

Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Effort	44	15		14	15		14	14			22	22	21	21	13	21	21		21	
Walleye	0.80	4.40		8.20	8.00		5.40	4.60			4.80	3.00	4.50	2.30	4.30	3.90	4.50		4.80	
Lake Sturgeon	0.00	0.00		0.10	0.20		1.40	0.10			2.90	2.60	3.30	3.00	5.80	4.20	6.50		2.60	
Lake Sturgeon # age 5 or less per lift														2.2	4.8	3.3	5.4		2.1	

Muskellunge Trap Net CPUE (April/May Sampling)

Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Effort																		28		
Muskellunge																		2.6		

Gillnetting PSD - Summer

Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Walleye	44	44		41	33	27	38	40			55	63	67	35	66	66	51		38	

Standard Gillnetting CPUE (Early July Sampling)

Year	2000	2001	2002	2003	2004*	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Effort	20		20	20		21	20		19	20	21			19	21	21	21	21	21	21	21
Walleye	8.40		7.10	4.20		5.80	6.30		6.70	6.40	4.70			4.89	5.43	9.80	10.95	9.67	6.43	9.05	7.29
Lake Sturgeon	3.10		3.80	1.60		0.90	1.60		0.30	1.00	0.50			0.16	0.14	0.14	0.14	0.14	0.05	0.10	0.19
Lake Sturgeon # age 5 or less per lift	1.7		1.5	0.3		0.2	0.1		0	0	0			0	0	0.1	0.05	0.00	0.05	0.05	0.10

Muskellunge Trap Net CPUE (April/May Sampling)

Year	2000	2001	2002	2003	2004*	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Effort								56			58			65				629	312		
Muskellunge								2.4			1.4			2.9				0.4	0.7		
Gillnetting PSD - Summer																					
Year	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
Walleye	45		53	41	33	31	66		37	40	62			68	44	23	27	22	39	64	46

*2004 data removed to different methodology and sampling season

CPUE = Catch Per Unit Effort

PSD = Proportional Stock Density