



Table 1: Environmental Performance Indicators

Plan 2007 produces solid results
 across almost all indicators, including
 species at risk.

1.00 = Plan 1958D with deviations as modelled. 0.10 PLUS or MINUS from 1.00 is considered significant [Using Historical Supply Series 1900-2000].

	A+	B+	D+	2007
LAKE ONTARIO				
Wetland Meadow Marsh Community	1.02	1.44	1.17	1.22
Low Vegetation 18C - spawning habitat supply	0.89	0.95	0.94	0.93
High Vegetation 24C - spawning habitat supply	1.05	1.00	1.01	1.01
Low Vegetation 24C - spawning habitat supply	1.00	1.02	1.00	1.01
Northern Pike - YOUNG OF YEAR recruitment	1.02	1.00	1.05	1.02
Largemouth Bass - YOUNG OF YEAR recruitment	0.94	0.98	0.97	0.98
Least Bittern - reproductive index	0.88	1.04	0.96	0.93
Virginia Rail - reproductive index	0.96	1.11	0.99	0.96
Black Tern - reproductive index	1.03	1.12	1.01	0.97
Yellow Rail - preferred breeding habitat	0.96	1.01	0.98	0.99
King Rail - preferred breeding habitat	1.05	1.10	1.03	1.04
ABOVE THE DAM				
Low Vegetation 18C - spawning habitat supply	1.01	1.01	1.01	1.01
High Vegetation 24C - spawning habitat supply	1.03	1.01	1.02	1.02
Low Vegetation 24C - spawning habitat supply	1.01	1.01	1.01	1.01
Northern Pike - YOUNG OF YEAR recruitment	1.05	1.03	1.01	1.00
Largemouth Bass - YOUNG OF YEAR recruitment	0.99	1.00	1.00	1.00
Northern Pike - YOUNG OF YEAR net productivity ¹	N/A	N/A	N/A	N/A
Virginia Rail - reproductive index	1.16	1.27	1.31	1.31
Muskrat - house density in drowned river mouth wetlands	1.42	4.39	1.75	2.04
BELOW THE DAM				
Golden Shiner - suitable feeding habitat area	1.00	1.00	1.00	0.97
Wetlands fish - abundance index	0.87	0.90	0.84	0.81
Migratory wildfowl - habitat area	1.03	1.03	0.97	1.00
Least Bittern - reproductive index	1.03	1.06	1.00	1.00
Virginia Rail - reproductive index	0.94	0.97	1.06	1.06
Migratory wildfowl - productivity	1.06	1.00	1.00	1.00
Black Tern - reproductive index	0.84	0.77	1.00	1.03
Northern Pike - reproductive area	0.97	0.94	0.94	0.90
Frog sp. - reproductive habitat surface area	0.87	0.87	1.03	1.00
Eastern Sand Darter - reproductive area	1.10	1.03	1.13	1.13
Spiny Softshell Turtle - reproductive habitat surface area	1.03	1.06	1.03	1.06
Bridle Shiner - reproductive habitat surface area	1.00	0.97	1.00	1.03
Muskrat - surviving houses	1.04	0.88	0.96	0.96
PERCENTAGE 'GOOD' SCORES FOR EACH PLAN				
	6%	19%	13%	13%

After the release of the Study Board's Final Report, the Study experts who developed the charts reviewed them and made a number of small adjustments to correct some minor errors and reduce duplication.

= Worse than Plan 1958D with Deviations

= Better than Plan 1958D with Deviations

¹ — The Northern Pike indicator for the upper river was found to be incorrectly functioning following publication of the Study Report. Experts involved in producing the report charts conducted a subsequent review for accuracy and corrected figures are presented.