

Hamilton Harbour Remedial Action Plan

Kristin O'Connor, HHRAP Coordinator

City of Hamilton, General Issues Committee

June 28, 2023



HAMILTON
HARBOUR
REMEDIAL ACTION PLAN



A vibrant centrepiece in our community's life

Areas of Concern and Remedial Action Plans

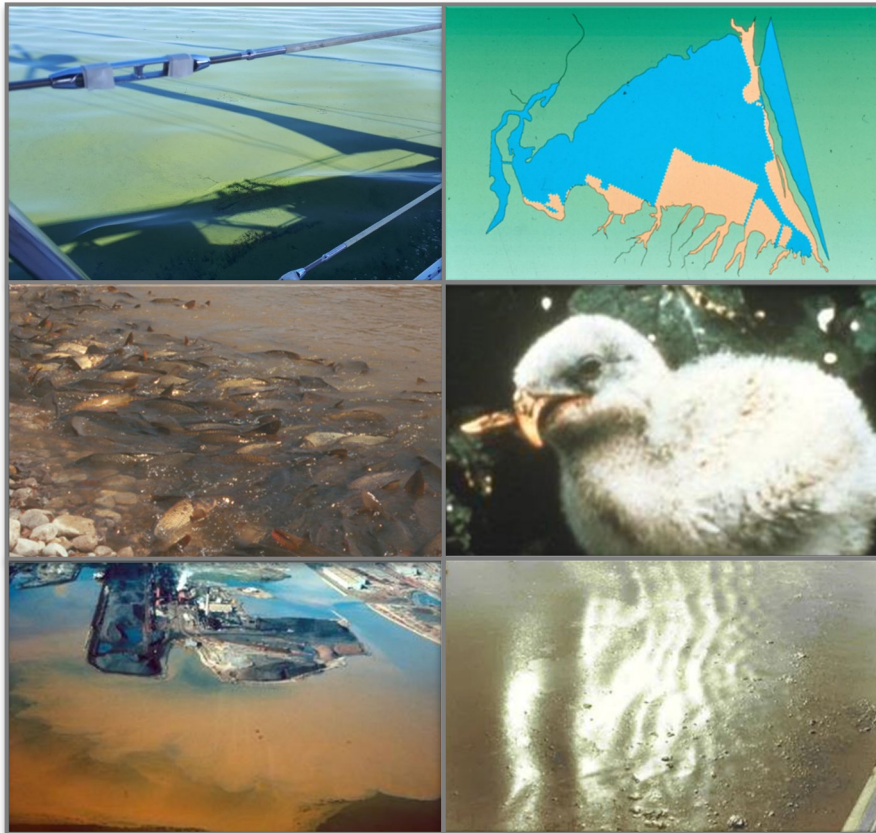


Photo Collage: HHRAP Files



Beneficial Use Impairments

BUI 1 Fish & Wildlife Consumption
BUI 3a: Fish Populations
BUI 3b Wildlife Populations
BUI 4 Fish Tumours
BUI 5 Bird or Animal Deformities
BUI 6 Benthos
BUI 7 Dredging
BUI 8 Eutrophication
BUI 10 Beaches
BUI 11 Aesthetics
BUI 13 Phytoplankton/Zooplankton
BUI 14 Fish & Wildlife Habitat



Celebrate Success



First status change for
Hamilton Harbour RAP!

www.hamiltonharbour.ca/feedback

Full report

Story map

Feedback Survey

Celebrate Success



Randle Reef Stage 2 Completion



Woodward WWTP Tertiary Treatment

Acknowledge Challenges



Watershed Impact



Algal Blooms



Struggling Fish Populations

Seize Opportunities



City of Hamilton

Watershed Action Plan

Stormwater Rate

Questions?



HAMILTON
HARBOUR
REMEDIAL ACTION PLAN



Canadian Context

Status of Beneficial Use Impairments in the Canadian Great Lakes Areas of Concern

AOC	Restrictions on fish & wildlife consumption	Tainting of fish & wildlife flavour	Degradation of fish & wildlife populations	Fish tumours or other deformities	Bird/animal deformities or reproduction problems	Degradation of benthos	Restrictions on dredging activities	Eutrophication or undesirable algae	Restrictions - drinking water consumption, taste/odour problems	Beach Closings	Degradation of aesthetics	Added costs to agriculture or industry	Degradation of phyto- and zooplankton populations	Loss of fish & wildlife habitat	Original Total (Impaired + RFA)	Total Removed	Remaining Total (Impaired + RFA)
Thunder Bay	RFA			2019*	2019*		2012			2023	2019	2004	2020*		11	7	4
Nipigon Bay Delisting Pending**		1995	2016**	1995*		2016**	1995	2016**			2016**			2016**	8	8	0
Jackfish Bay In Recovery	RFA			2010	2010*		1998				RFA				8	3	5
Peninsula Harbour			2021*	2012*		2022	2012							2021*	6	5	1
St. Marys River					2016*			2018		2018	2018				10	4	6
Spanish Harbour In Recovery			1999		1999*		2020			1999		1999	1999*	1999*	9	7	2
Sewern Sound Delisted	2002		2002				2002	2002			2002*			2002	6	6	0
Collingwood Harbour Delisted	1994		1994		1994	1994	1994	1994		1994	1994		1994	1994*	10	10	0
St. Clair River		2011*	RFA	2021*	2018*		2018			2018	2016	2012			12	7	5
Detroit River		2014		2020		2020	2019		2010	2016	2016	2010	2021*		13	9	4
Wheatley Harbour Delisted	2010		2010			2010*	2010	2010						2010	6	6	0
Niagara River				2009*	2009		2009	2019		2023			2019*		10	6	4
Hamilton Harbour				RFA	RFA								RFA		11	0	11
Toronto and Region				2011*	2011*	2016	2016				2020		RFA		11	5	6
Port Hope Harbour															1	0	1
Bay of Quinte			2018	2017*		2018	2017		2020	2019	2022			2018	11	8	3
St. Lawrence River		1997*		RFA	2007*	2007	2007		1997		1997	1997	RFA		14	7	7
Original Total	15	4	16	12	11	15	17	10	4	11	12	5	9	16	157		
Total Removed	3	4	7	9	9	8	14	6	3	6	10	5	5	7		98	
Remaining Total	12	0	9	3	2	7	3	4	1	5	2	0	4	9			59

 BUI Removed

 BUI Impaired

RFA = Requires Further Assessment

* = Originally RFA

Last Updated: March 2, 2023