

REPORT NO. 181 of the
ENVIRONMENT, TRANSPORTATION & PUBLIC SAFETY
STANDING COMMITTEE
of its meeting held December 18, 2013

Present: Councillor A. Halberstadt
Councillor R. Jones
Councillor H. Payne
Councillor F. Valentinis, Chair

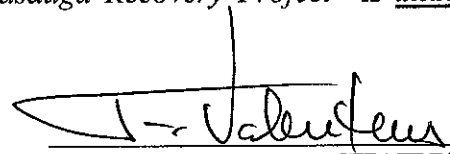

Absent: Councillor J. Gignac

Reference: Report No. 76 of the Windsor-Essex County Environment
Committee (Ojibway Massasauga Recovery Project)

That the following recommendations of the Environment, Transportation and
Public Safety Standing Committee **BE APPROVED:**

Moved by Councillor Halberstadt, seconded by Councillor Payne,
THAT Report No. 76 of the Windsor-Essex County Environment Committee
concerning the Ojibway Massasauga Recovery Project **BE APPROVED.**
Carried.

Clerk's Note: Report No. 76 of the Windsor-Essex County Environment Committee
concerning the "Ojibway Massasauga Recovery Project" is attached as
background information.


CHAIRPERSON

COUNCIL ASSISTANT

NOTIFICATION:				
Name	Address	Email Address	Phone	FAX
WECEC				



REPORT NO. 76
of the
WINDSOR-ESSEX COUNTY ENVIRONMENT COMMITTEE (WECEC)
of its meeting held
November 7, 2013
at 5:30 o'clock p.m.
Lou Romano Water Reclamation Plant, 4155 Ojibway Parkway

Members present at the November 7, 2013 meeting:

Councillor Alan Halberstadt, Co-Chair
Charlie Wright, Co-Chair
Frank Butler (alternate)
Pauline Cheslock
Derek Coronado
Jesse Costa Gardner
Roger Dzugan (alternate)
Evan Freeman-Gibb
John Miller
Mike Nelson
Lindita Prendi
Phil Roberts (alternate)
Tamara Stomp
Radwan Tamir

Your Committee submits the following recommendation:

Moved by T. Stomp, seconded by F. Butler,

That in reviewing development proposals adjacent to the LaSalle Woodlot ESA, that City Council and County Council **BE REQUESTED** to support projects which adhere to the following principles:

1. To respect the LaSalle Woodlot ESA boundary as displayed in the Town of LaSalle Official Plan and LaSalle Woodlot ESA Management Plan.
2. To respect Massasauga critical habitat as displayed in the Recovery Strategy for the Massasauga in Canada.
3. To implement edge treatments which discourage human snake conflict (i.e. snake fencing) between the LaSalle Woodlot ESA and adjacent developments.

Carried.

Note: The "Ojibway Massasauga Recovery Project" submitted by Jonathon Choquette, Project Coordinator is attached.

COUNCILLOR ALAN HALBERSTADT, CO-CHAIR

COMMITTEE COORDINATOR

**Windsor Essex County Environment Committee
Report No. 76**

NOTIFICATION	
NAME	CONTACT INFORMATION
WECEC Committee including resource personnel	on file
Brenda Andreatta, Clerk, Town of LaSalle	bandreat@town.lasalle.on.ca
Gudrin Beggs, Amico Design Build	gbeggs@triamico.com



Ojibway Massasauga Recovery Project

Jonathan Choquette, Project Coordinator
WECEC, 7 Nov. 2013
Windsor ON



Wildlife Preservation Canada

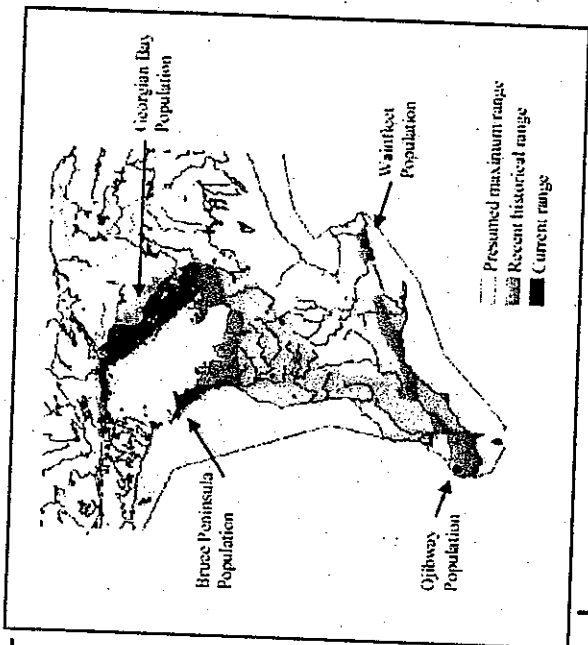
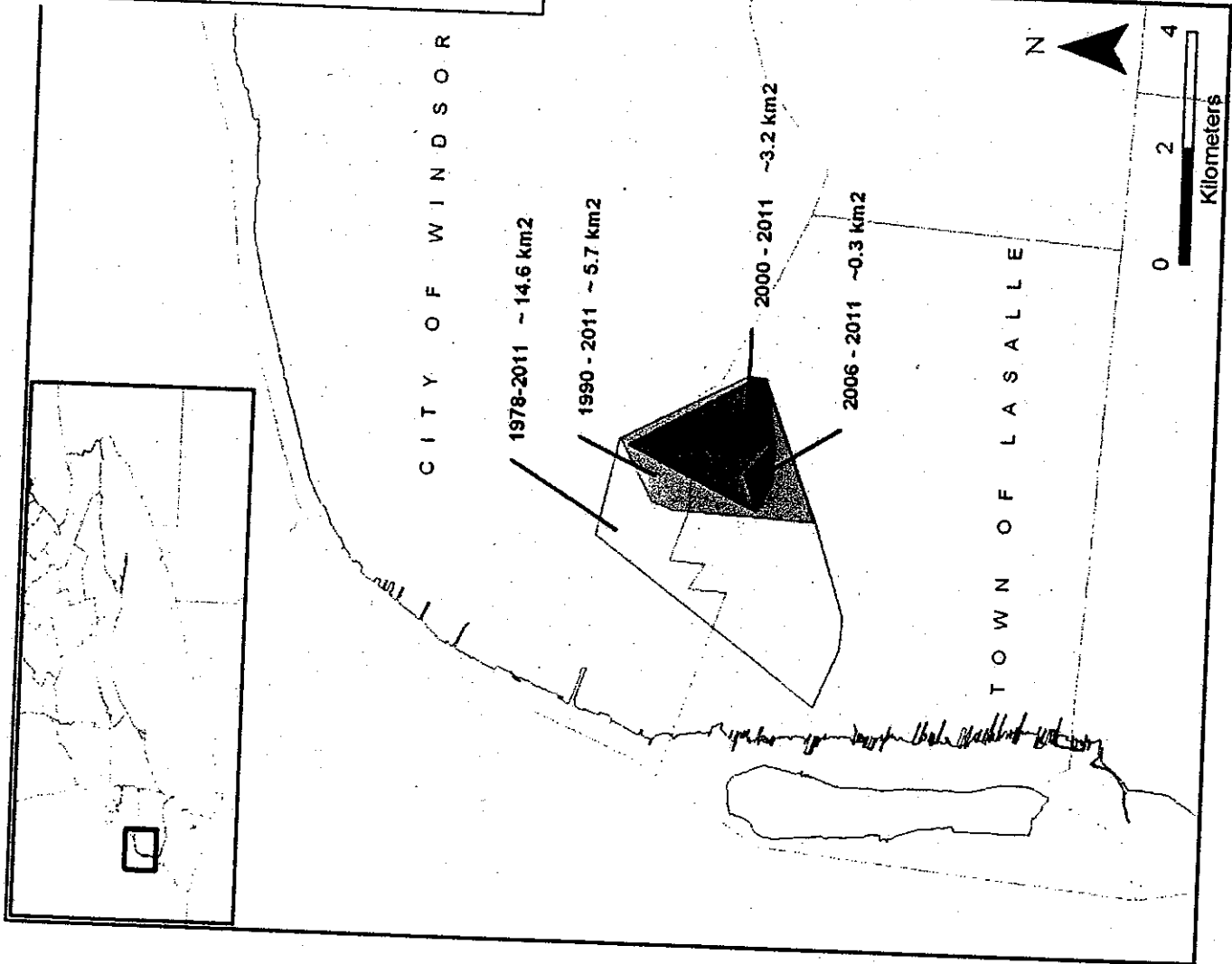
RECOVERY • CONSERVATION • KNOWLEDGE

Ojibway Population of Massasauga (*Sistrurus catenatus*)

- Extremely important to national, provincial and local biodiversity conservation
- Geographically, ecologically and genetically unique entity
- Endangered (COSEWIC) and protected (Ontario ESA, 2007)
- In serious decline








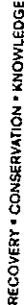
(COSEWIC 2012)



EXTIRPATION without INTERVENTION

(COSEWIC 2012)

Ojibway Massasauga Recovery Project

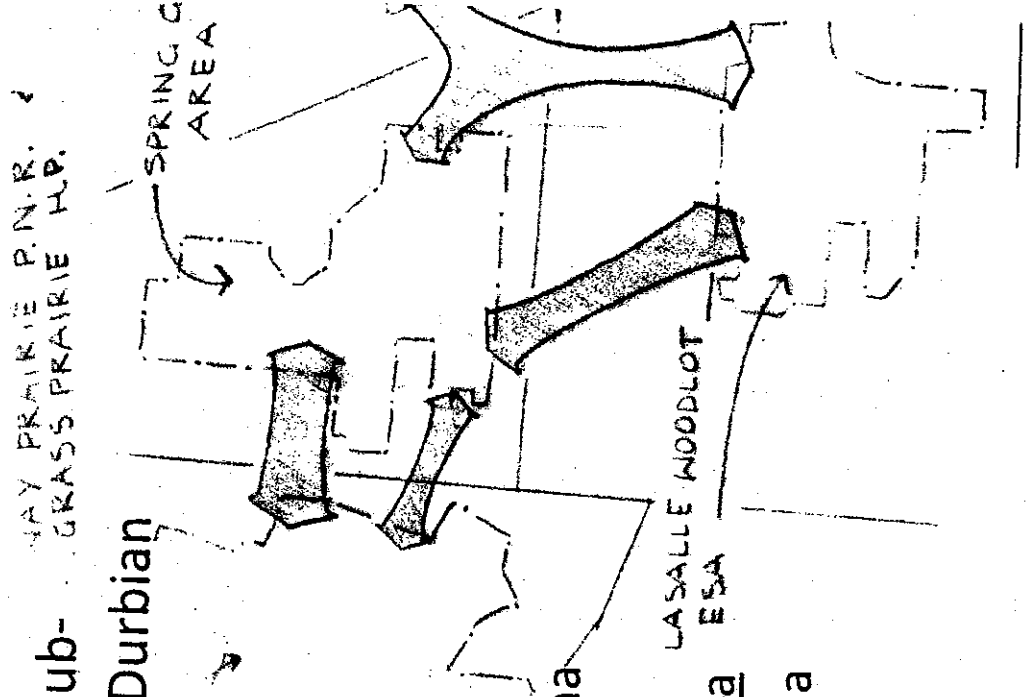
- Financial and logistical support by:
 -  **SCC Ecological**
Research & Design
 -  **Canada**
 -  **CAROLINIAN**
CANADA
COALITION
 -  **Wildlife Preservation Canada**
 -  **Ontario**
 -  **RECOVERY * CONSERVATION * KNOWLEDGE**
- Long-term goal to undertake recovery actions to reduce the extinction risk of the Ojibway population
 - 1) Restoration of habitat connectivity,
 - 2) Mitigate threats,
 - 3) Population augmentation,
 - 4) **Maintain remaining sub-population**

Achieving Recovery

- Maintain remaining sub-population
- Habitat restoration and enhancement
- Protecting large enough area to sustain sub-population (100 ha proposed minimum: Durbian *et al.* 2008)

• 100ha target for LaSalle Woodlot ESA is feasible!

- Existing ESA boundary = ~93 ha
- 'Critical Habitat' identified by Parks Canada just outside of ESA boundary = ~7 ha
- Expanded ESA boundary = ~100ha



(Town of LaSalle and ERCA 2013; Parks Canada Agency 2013)



Figure 11 LaSalle Woods ESA – Natural Areas Management Plan Extent and Town Owned Lands.

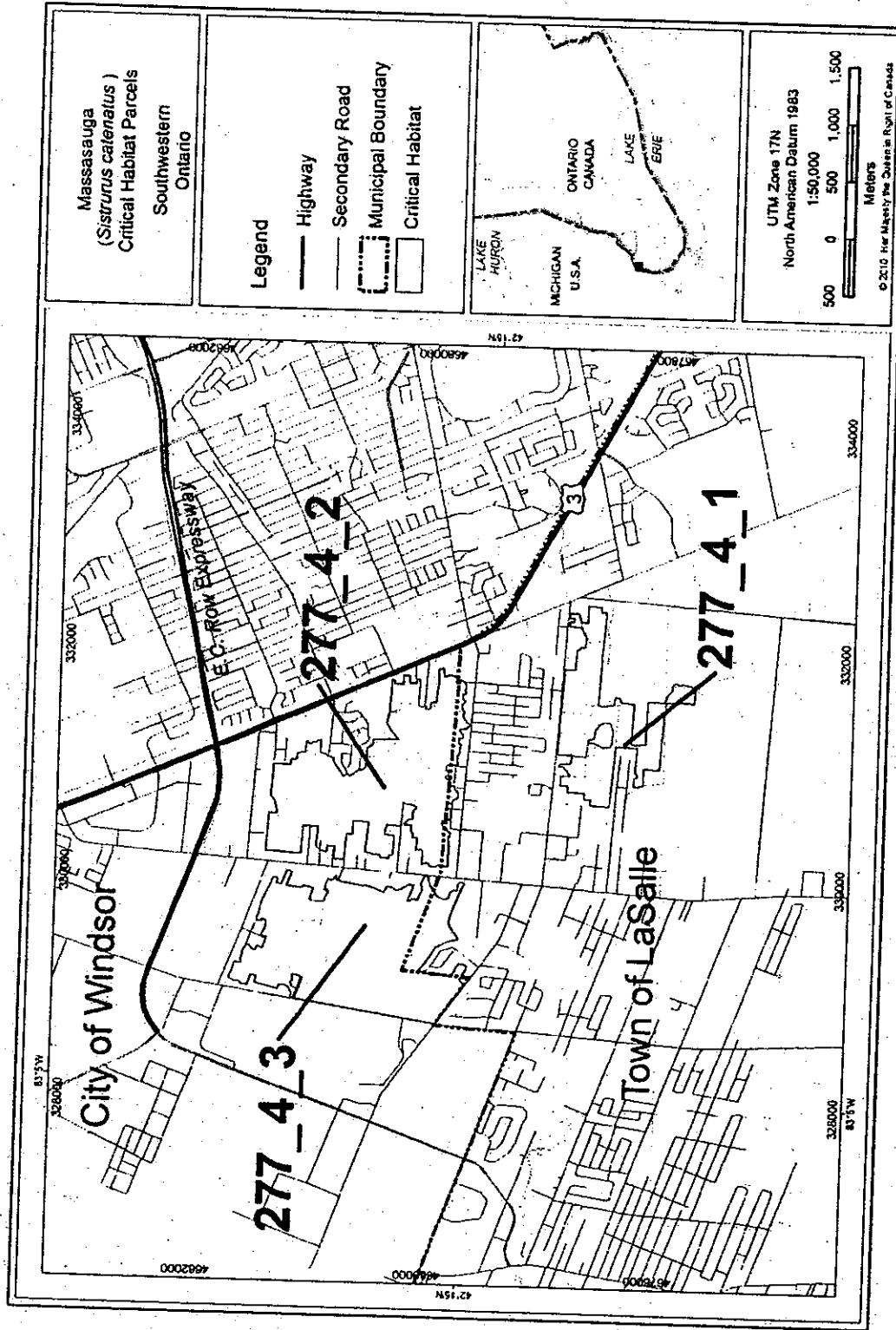


Figure 9: Fine-scale map of Massasauga critical habitat parcels 4_1, 4_2, and 4_3 for Ojibway.

(Parks Canada Agency 2013)

DRAFT

Species at Risk Act
Recovery Strategy Series

Recovery Strategy for the Massasauga (*Sistrurus catenatus*) in Canada

Support for Massasauga Recovery

"The long-term recovery goal for Massasauga in Ontario is the persistence of the species throughout its current range, by preventing extirpation of the Ojibway population..." (Parks Canada Agency 2013)

Massasauga



2012



Parks
Canada

Parcs
Canada

Canada

**Town of LaSalle
Natural Areas Management Plans**

**Support for
Massasauga
Recovery**

"It is recommended that following a thorough biological inventory of the LaSalle Woodlot ESA that a revised ESA boundary is developed and Natural Environment zoning be applied to appropriate parcels " (Town of LaSalle and ERCA 2011)

2011-2021



ERCA Region
Conservation
Authority

Support for Massasauga Recovery, cont.

- 1) Detroit River Canadian Stage 2 Remedial Action Plan
(Green *et al.* 2010)
- 2) Essex Forests and Wetlands Conservation Action Plan (NCC
et al. 2009)
- 3) Ojibway Prairie Resource Stewardship Plan (Ontario Parks
2005)

Requests to WECEC

In reviewing development proposals adjacent to the LaSalle Woodlot ESA, we request that WECEC support projects which adhere to the following principles OR express their opposition to the relevant councils (e.g., Town of LaSalle, Essex County) for projects which do not:

- 1) TO RESPECT THE LASALLE WOODLOT ESA BOUNDARY AS DISPLAYED IN THE TOWN OF LASALLE OFFICIAL PLAN AND L.W. ESA MGMT PLAN
- 2) TO RESPECT MASSASAUGA CRITICAL HABITAT AS DISPLAYED IN THE RECOVERY STRATEGY FOR THE MASSASAUGA IN CANADA
- 3) TO IMPLEMENT EDGE TREATMENTS WHICH DISCOURAGE HUMAN-SNAKE CONFLICT (E.G., SNAKE FENCING) BETWEEN THE L.W. ESA AND ADJACENT DEVELOPMENTS

Literature Cited

COSEWIC. 2012. In Press. COSEWIC assessment and status report on the Massasauga *Sistrurus catenatus* in Canada. Committee on the Status of Endangered Wildlife in Canada. Ottawa. xiii + 66 pp. (www.registrelep-sararegistry.gc.ca/default_e.cfm).

Durbian, F.E., King, R.S., Crabill, T., Lambert-Doherty, H., and R.A. Siegel. 2008. Massasauga home range patterns in Midwest. *Journal of Wildlife Management* 72(3): 754-759.

Green, N.D., Cargnelli, L., Briggs, T., Drouin, R., Child, M., Esbjerg, J., Valiante, M., Henderson, T., McGregor, D., and D. Munro, eds. 2010. *Detroit River Canadian Remedial Action Plan: Stage 2 Report*. Detroit River Canadian Cleanup, Publication No. 1, Essex, Ontario, Canada. 170 pp.

NCC, ERCA, ECSN, PC and CCC. 2009. *Essex Forests and Wetlands Conservation Action Plan*. Nature Conservancy of Canada, Essex Region Conservation Authority, Essex County Stewardship Network, Parks Canada and Carolinian Canada Coalition. 64 pp.

Ontario Parks. 2005. *Ojibway Prairie Resource Stewardship Plan Amendment*. Appendix F – Repatriation of Eastern Massasauga Rattlesnakes at Ojibway Prairie Nature Reserve. March 2005. 4 pp.

Parks Canada Agency. 2013. *Draft Recovery Strategy for the Massasauga (*Sistrurus catenatus*) in Canada*. Species at Risk Act Recovery Strategy Series. Parks Canada Agency. Ottawa. 35 pp.

Town of LaSalle and ERCA. 2011. *Town of LaSalle Natural Areas Management Plans: 2011-2021*. Town of LaSalle and Essex Region Conservation Authority. 106 pp.