

7.2- General Issues Committee

June 20, 2012

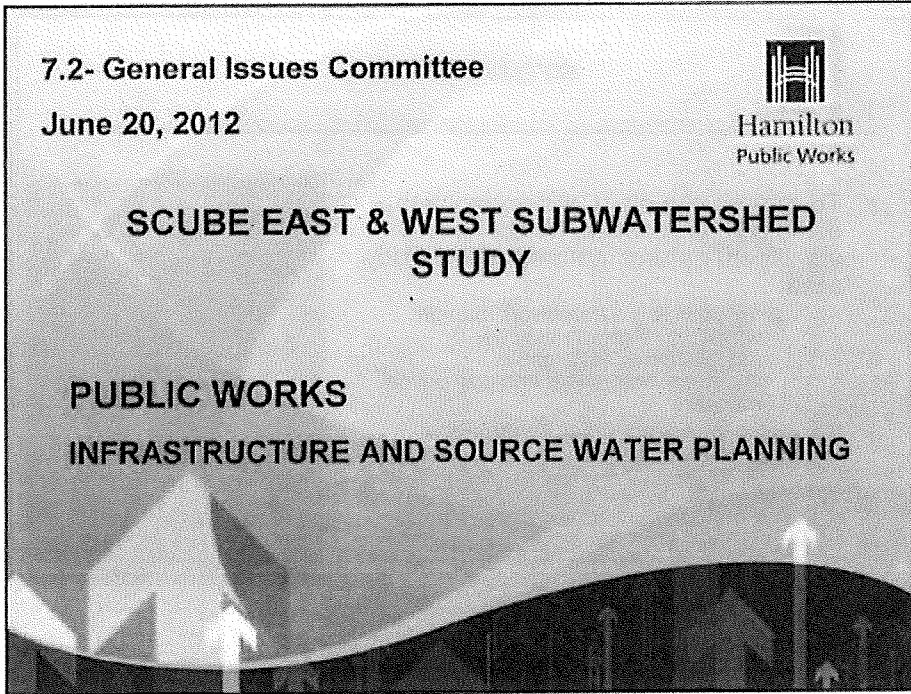


Hamilton  
Public Works

## SCUBE EAST & WEST SUBWATERSHED STUDY

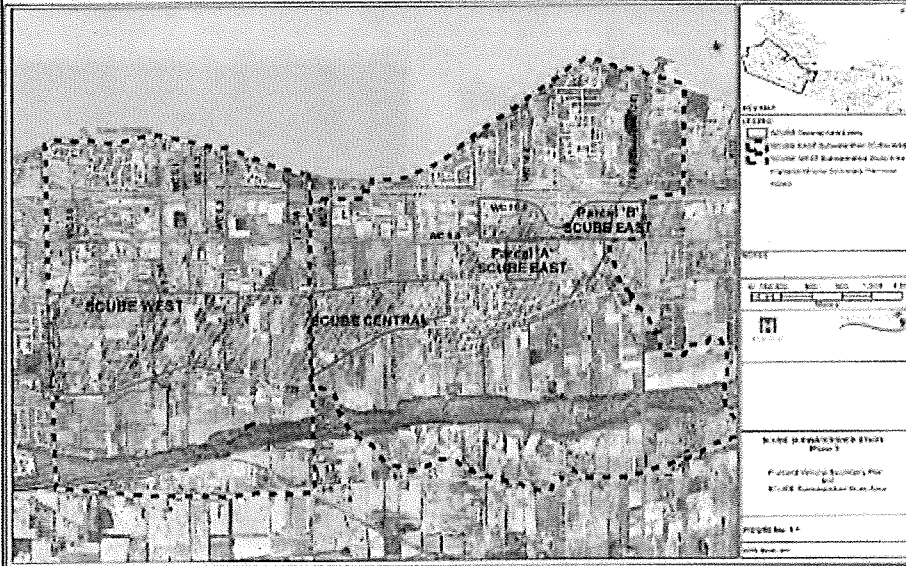
PUBLIC WORKS

INFRASTRUCTURE AND SOURCE WATER PLANNING



Hamilton

### STUDY AREA





Hamilton

## **STUDY GOALS**

- To protect, maintain and enhance the ecological processes, functions and significant natural features of the study area
  - by providing a framework through which future growth may be established in sustainable, environmental, social and economical manners
- To provide input to the Fruitland – Winona Secondary Plan



---

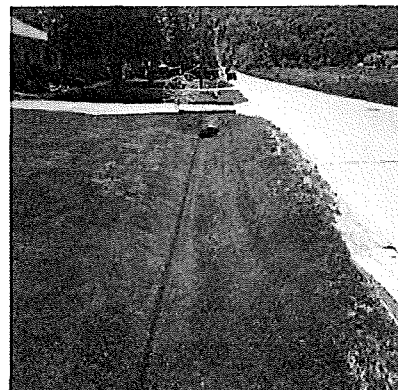
2



Hamilton

## **UNIQUENESS OF STONEY CREEK**

- The Stoney Creek area is historically rural in nature
- The lands are relatively flat with existing drainage problems



---

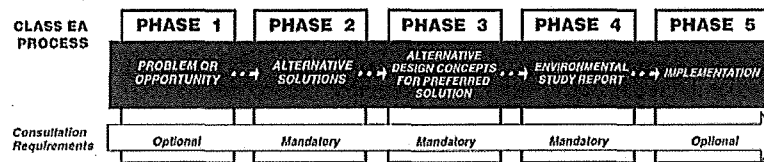
3



## MUNICIPAL MASTER PLANNING PROCESS

Hamilton

- The study was carried out following the Municipal Environmental Assessment Process using the Master Plan approach



4



## CONSULTATION PROCESS

Hamilton

- Public Information Center in June 2010
- Regular Meetings with Planning and Community Development staff
- Meetings with Hamilton Conservation Authority
- Meeting with Ministry of Natural Resources jointly with Hamilton Conservation Authority
- Meetings with the Ward Councillor, Staff and Hamilton Conservation Authority

5



## **STUDY FINDINGS | RECOMMENDATIONS**

Hamilton

---

- General types of works:
  - Storm water management
  - Natural heritage management system
  - Environmental Restoration and Enhancement Works
  - Watercourse improvements (including increasing capacity)
  
- The proposed measures are divided into two basic categories:
  - Works to be undertaken by developers representatives
  - Works to be undertaken by the City/landowners outside of the SCUBE Development Lands

---

6



## **GENERAL DEVELOPER WORKS**

Hamilton

---

- Stormwater management controls
- Drainage and infrastructure improvement works
- Establishment of Recommended natural heritage system

Strategy	Objective / Benefits	Further Requirements	Priority/ Phasing	Policy Consideration	Required Approvals
----------	----------------------	----------------------	-------------------	----------------------	--------------------

---

7



Hamilton

### GENERAL MUNICIPAL WORKS

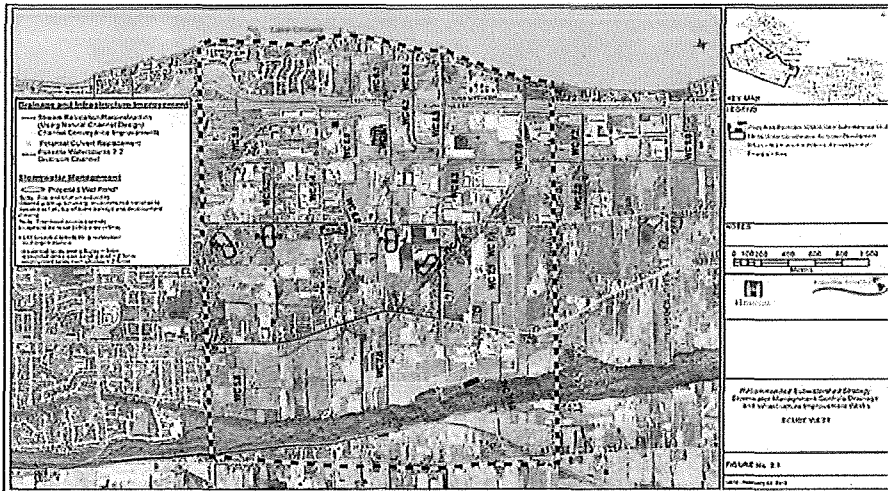
- Drainage and infrastructure Improvement Works
- Environmental Restoration and Enhancement works
- Natural heritage system management

Strategy	Objective/ Benefits	Further Requirements	Priority/ Phasing	Policy Consideration	Required Approvals
----------	------------------------	-------------------------	----------------------	-------------------------	-----------------------



Hamilton

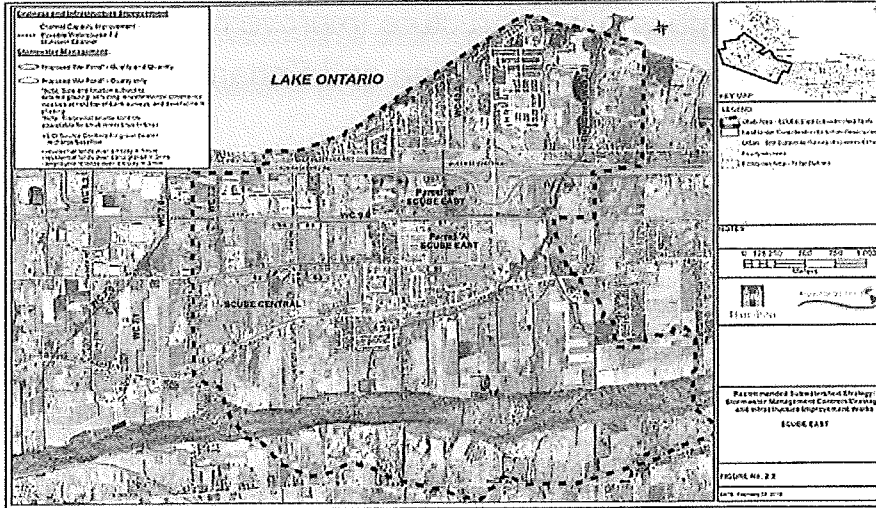
### RECOMMENDED STORMWATER STRATEGY





Hamilton

# RECOMMENDED STORMWATER STRATEGY

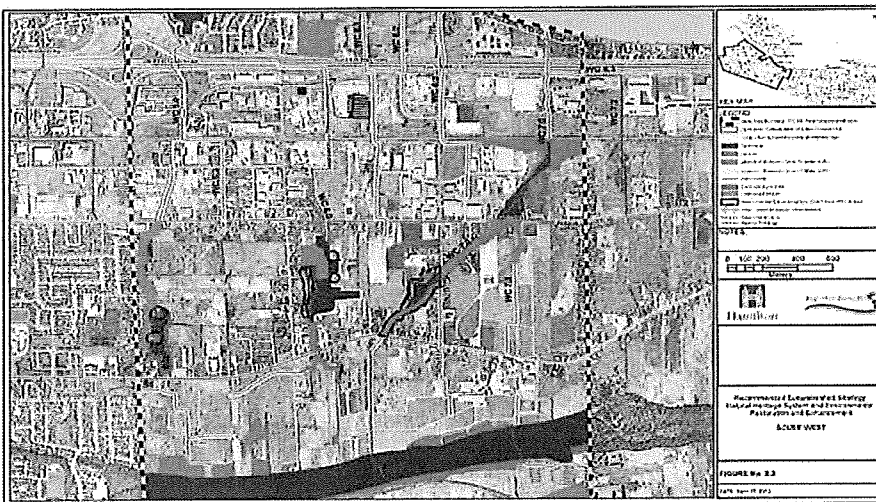


10



Hamilton

# RECOMMENDED NATURAL HERITAGE (NHS) and ENVIRONMENTAL RESTORATION STRATEGY

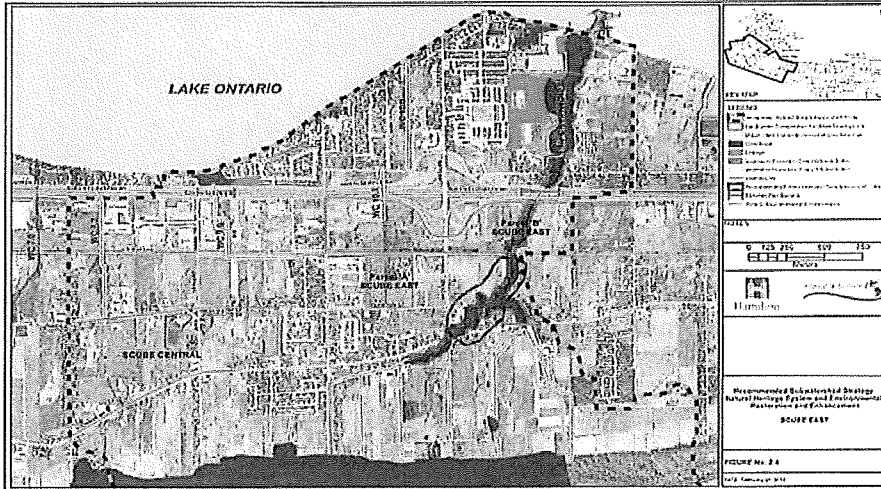


11



Hamilton

## **RECOMMENDED NATURAL HERITAGE (NHS) and ENVIRONMENTAL RESTORATION STRATEGY**



12



Hamilton

## **SHORT TERM REQUIREMENTS**

- The Subwatershed study Notice of Completion and 30 days review from September 2012
- The Master Block Servicing Plan
- Flow and rainfall monitoring of WC 5 & 6
- The breeding bird survey
- Confirm the woodlot 6 classification
- Address localized flooding problems as per the Councillor's request (Separate undertakings, not part of the Subwatershed study)

13



Hamilton

## **LONG TERM REQUIREMENTS**

---

- Developers
- Municipal
- Stewardship

---

14



Hamilton

## **COUNCIL REPORT RECOMMENDATIONS**

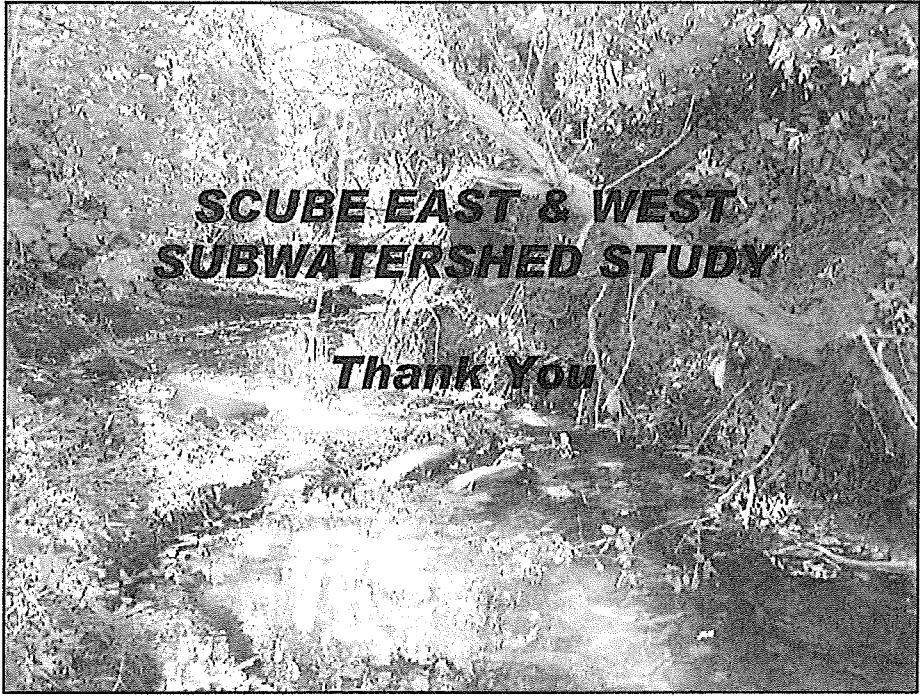
---

- The General Manager of the Planning and Economic Development Department be authorized and directed to develop future planning policy for Fruitland Winona Secondary Plan consistent with the stormwater and subwatershed strategies of the SCUBE Subwatershed Study
- The General Manager of the Public Works Department be authorized and directed to file the Subwatershed Study with the Municipal Clerk for a minimum thirty (30) day public review period

---

15





**SCUBE EAST & WEST  
SUBWATERSHED STUDY**

*Thank You*

