inventory of

WATERSHED MANAGEMENT PROJECTS IN Ontario







1990-1995

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acknowledgements

The co-ordinators of this project would like to express their thanks to all the watershed management practitioners who voluntarily provided the data used to develop the database and subsequent report. Without their participation and their ongoing effort in collecting, communicating and editing the data, completion of this project would not have been possible. For a complete list of project contributors, refer to page 105.

contents

ACKNOWLEDGEI	MENTS	II
PREFACE		IV
CHAPTER 1:	INTRODUCTION	1
CHAPTER 2:	DATA	3
CHAPTER 3:	FINDINGS	5
chapter 4:	CONCLUSION	10
GLOSSARY		11
APPENDIX A	GUIDE	13
APPENDIX B	INDIVIDUAL PRINTOUTS	14
APPENDIX C	REGISTRATION FORM	103
PROJECT CONTF	RIBUTORS	105

preface

A number of terms that are frequently used in this report are defined below using definitions identified in the final report of the Watershed Planning Implementation Project Management Committee.¹

A watershed is an entire area, both land and water, drained by a watercourse and its tributaries. A subwatershed is an area drained by an individual tributary to the main watercourse.

Watershed management is a process of managing human activities in an area defined by watershed boundaries in order to protect and rehabilitate land and water and associated aquatic and terrestrial resources, while recognizing the benefits of orderly growth and development. The goal is to contribute to the environmental, social and economic well-being of the area on a sustainable basis. Watershed management is a tool to assist those making decisions regarding land and water use. There are four phases: 1) issue identification and data gathering; 2) analysis and planning; 3) implementation; 4) monitoring.

The practice of watershed management has evolved over the last few decades to become more comprehensive by integrating and addressing a broader range of resource and environmental protection issues and more thoroughly evaluating the important linkages between land and water, between surface and groundwater, between water quality and water quantity and between watershed management and municipal planning.

Watershed planning practitioners have found that this comprehensive approach to watershed management has resulted in an overall savings of time and money. It is expected that watershed management will continue to evolve as experience increases, more information becomes available, study methodology improves and as study issues are better defined.

¹ Watershed Planning Implementation Project Management Committee. An Evaluation of Watershed Management in Ontario - Final Report. Toronto, 1997 p.2.

CHALTER

introduction

This document contains the findings of a joint inventory of the Ministry of Environment and Energy (MOEE) and the Ministry of Natural Resources (MNR) entitled: Inventory of Watershed Management Projects in Ontario, 1990-1995.

This watershed management inventory consists of information gathered from watershed management practitioners. The information which was collected and is contained in this report helps to:

- identify the extent of watershed management in Ontario;
- inform others of specific ongoing and completed studies;
- foster communications between future community participants and experienced watershed management practitioners;
- provide data that can be used to develop additional knowledge and insights into watershed management activities.

Chapter 2 introduces the data. A map illustrates the location of each project in Ontario and a legend identifies the project name. Chapter 2 also elaborates on potential data uses.

Chapter 3 is the focus of the report. It contains 16 findings displayed in a question and answer format. Wherever possible, the answer is accompanied by a pie chart, bar chart or table to illustrate the trend, distribution or typical value. This is by no means an exhaustive list of findings, but a sample of the kinds of statistics that can be generated by sorting and querying the data.

Chapter 4 concludes the report and identifies how to go about registering a watershed management project that has been missed in this report or was initiated since 1995.



CHATTER

data

Eighty-seven watershed management projects have been initiated between 1990 and 1995 according to the information provided by practitioners. Detailed information has been gathered on each of these projects under the following categories: registration information; study area characteristics; plan completion and implementation; financial information and study participation.

The map on the following page illustrates the location of each study. To help the reader identify the projects, a reference number has been assigned to each (between 1 and 87). The legend contains a list of the projects in alphabetical order and their corresponding reference number, followed by receiving stream, main land use and status of the study. A one-page printout identifying additional information on each project is provided in Appendix B.

These one-page printouts can be analysed individually or as a group. The information that is derived can be applied in a number of ways. Whether the reader is with a conservation authority, municipality, community group, development interest, environmental consultant, provincial ministry, or is a private land owner/resident, the data can help the reader to:

- become more aware of the number and location of watershed management activities in Ontario;
- get in touch with the lead agency to:
 - obtain additional up-to-date site-specific information on the project such as study issues, plan recommendations and implementation activities;
 - provide expertise based on experience with similar watershed management activities;
 - inquire about opportunities to participate on this or future projects (volunteer assistance, community outreach, public consultation);
 - inquire about individual stewardship practices and activities that will protect and/or improve the health of the watershed;
- become more aware of local land and resource use issues which will in turn help decision-makers to:
 - develop appropriate policy, best management practices and supporting programs that will help to sustain a healthy ecosystem such as: pollution prevention; resource allocation and land use planning; environmental remediation; resource conservation/protection; resource stewardship;
- obtain important scientific data which can be used to:
 - identify interactions and relationships amongst groundwater, surface water, valley lands, wildlife, habitat, wetlands, woodlots, greenspace;
 - determine potential cumulative effects or environmental concerns related to certain activities on the land;
 - provide valuable background data and additional monitoring results for future studies.

PULLOUT MAP 🧇

table 1

#	PROJECT NAME	RECEIVING STREAM	MAIN LAND USE	STATUS
1	Alcona Master Drainage Plan	Cooks Bay	(D)	•
2	Alder Creek Subwatershed Plan - Phase 1	Nith River	(b)	0
3	Armitage Creek Subwatershed Plan	Holland River	4	0
1	Ausable-Bayfield Watershed Plan Review	Lake Huron	<u></u>	•
5	Big Creek Tributary/Springvalley Subwatershed Plan	Big Creek	(b)	•
 5	Blair-Bechtel Creeks Watershed Plan	Grand River	(b)	•
7	Bruce Creek Environmental Management Plan	Little Rouge River	(b)	•
3	Burndenet Creek Environmental Management Plan	Little Rouge River	(b)	•
)	Carp River Basin Study	Ottawa River	(b)	0
0	Cavan Creek & Otonabee River Subwatershed Plan	Otonabee River	(b)	0
1	Centennial Creek Subwatershed Plan	Highland Creek	4	0
2	Chippewa Creek Subwatershed Plan	Lake Nippising	4	0
3	City of Vaughan Subwatershed Study	Don & Humber Rivers	®	•
4	Collins Creek Watershed Study	Lake Ontario	(b)	•
5	D'Aubigny Creek Subwatershed Plan	Grand River	(b)	•
6	Dingman Creek Subwatershed Study	Thames River	(b)	•
7	Dodd/Kettle Creek/Lynhurst Subwatershed Plan	Kettle Creek	(b)	•
8	Don River Subwatershed Strategy	Lake Ontario	144	•
9	Doon South Creek Subwatershed Plan	Strasburg Creek	(b)	•
0	East Morrison Creek Subwatershed Study	Lake Ontario	<u>.lli</u>	•
1	Eramosa River Subwatershed Study	Speed River	(b)	0
2	Exhibition Creek Environmental Management Plan	Little Rouge River	(b)	•
23	Fletchers Creek Subwatershed Plan	Credit River	<u>di</u>	•
4	Fourteen Mile/McCraney Creeks Watershed Plan	Lake Ontario	(b)	•
25	Fourteen Mile/Taplow/McCraney Creeks Subwatershed Plan	Lake Ontario	®	•
26	Frenchman's Creek Watershed Management Plan	Upper Niagara River	(b)	0
:7	Glen Oak Creek Subwatershed Plan	Taplow/McCraney Creek	4	•
8	Grand River Strategy	Grand River to Lake Erie	®	0
9	Hanlon Creek Watershed Plan	Hanlon Creek	(b)	•
0	Harmony Creek Watershed Plan	Lake Ontario	141	0
1	Harper Creek Watershed Planning Study	Otonabee River	<u> 111</u>	0
2	Humber Watershed Strategy	Lake Ontario	③	0
3	Jock River Watershed Management Study	Rideau River	(b)	0
4	Joshua's Creek Watershed Plan	Lake Ontario	<u> 1</u> 11	•
5	Kemptville Creek Watershed Plan	Rideau River	(b)	0
6	Kettle Creek Tributary Block 3 Subwatershed Plan	Kettle Creek	(b)	•
7	Kettle Creek/Upper Dodds Creek Subwatershed Plan	Lake Erie	③	•
8	Lake Nosbonsing Watershed Management Plan	Lake Nosbonsing		•
9	Lakehead Region Watershed Strategy	Lake Superior	<u></u>	•
0	Laurel Creek Subwatershed # 309/313 Study	Clair Creek	(b)	
1	Laurel Creek Subwatershed # 311 Study	Laurel Creek	③	•
2	Laurel Creek Subwatershed # 314 Study	Clair Creek	6	•
3	Laurel Creek Subwatershed Study	Grand River	<u>.lli</u>	•
4	Lovers & Hewitts Creeks Master Watershed Plan	Kempenfelt Bay to Lake Simcoe	@	•
	+ NOTE: As of Cummar of 1004			

LEGEND



PULLOUT 🗢

* NOTE: As of Summer of 1996

table 1 (continued)

LIST OF WATERSHED MANAGEMENT PROJECTS PROJECT NAME RECEIVING MAIN STATUS STREAM LAND USE 45 Lower Morrison/Wedgewood Creeks Lake Ontario Subwatershed Plan Lynde Creek Watershed Management Study Lake Ontario 46 **(3**) 47 Lynhurst Area Subwatershed Study Kettle Creek **(3**) 48 Madawaska River Watershed Study Ottawa River • 49 Maitland Valley Ecosystem Health Project Maitland & Nine Mile (3) 50 Meade Creek Watershed Plan Trent Canal **(3**) 51 Medway/Stanton/Mud Creek Subwatershed Plan Thames River **(3**) 52 Mill Creek Subwatershed Study Grand River **(3**) 53 Moffat Creek Watershed Plan Grand River **(3**) 54 Moose River Environmental Info. Partnership (Phase1) James Bay **A** 55 Morningside Tributary Subwatershed Study Rouge River تثأر 56 Mosquito Creek Watershed Plan Kaministiquia River • تلر 57 Mullet/Levi/Main Credit Subwatershed Study Credit River تلر 58 North Castor River Subwatershed Plan Castor River **(3**) 59 Northwest Newmarket Subwatershed Plan Holland River تلر 60 Nottawasaga Valley Watershed Plan Georgian Bay • **(3**) Osenego Creek Subwatershed Plan 16 Mile Creek 61 (3) 62 Oshawa Creek Watershed Management Study East Oshawa & **(3**) Goodman Polaris Creek Subwatershed Plan Mattagami River • 63 تفر 64 Potter Creek Watershed Study Bay of Quinte (3) 65 Pottersburg Creek/Crumlin Drain Thames River (3) Robinson Creek Subwatershed Plan Little Rouge River 66 **(3**) 67 Sawmill Creek Subwatershed Plan Credit River تلر 68 Sawmill Creek Watershed Plan Rideau River Sharon Creek OPA 55 Study Holland River 69 (3) 70 Sheldon Creek Watershed Master Plan Bronte Creek (3) to Lake Ontario 71 Sixteen Mile Creek Watershed Plan Lake Ontario 72 South Keswick Developed Area Subwatershed Plan Cooks Bay Bay of Quinte 73 South Sidney Watershed Plan (3) 74 Spencer Creek Watershed Management Study Cootes Paradise 75 Stoney Creek Subwatershed Study Upper Thames River • **(3**) 76 Sub-Basin 8 Joshua Creek Subwatershed Plan Joshua's Creek (3) 77 Subwatershed No.12 Credit River Credit River 78 Subwatershed No.15 Credit River West Credit River $^{\circ}$ 79 Subwatershed No. 19 Credit River Upper Credit River **(3**) 80 Thames River Valleylands Study Thames River • **(3**) 81 Thompson Creek Subwatershed Study Otonabee River تلر 82 Upper Dodd's Creek Kettle Creek **③** 83 Upper No Name Creek Watershed Study Moira River تشر • Upper Shoemaker Creek Watershed Plan 84 Schneider River • (3) 85 Uxbridge Brook Watershed Plan Lake Simcoe **(3**) \circ 86 Warren Creek Watershed Master Plan Welland River **(3**) 87 West Humber River Subwatershed Study Main Humber River \bigcirc

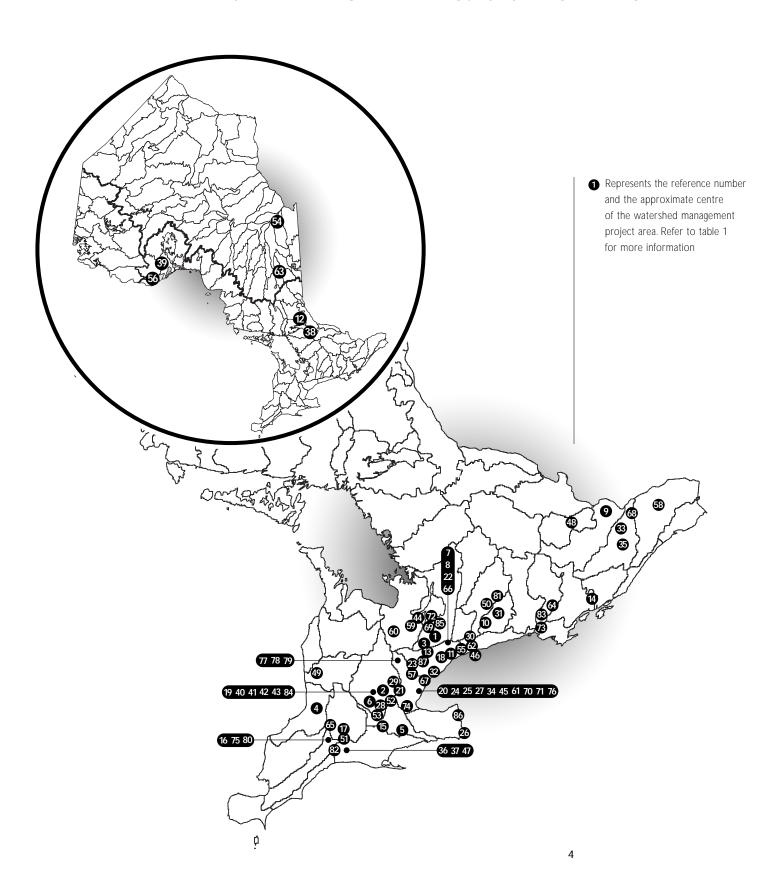
* NOTE: As of Summer of 1996

LEGEND

● AGRICULTURE
 ■ DEVELOPED
 ♠ FOREST/WOODLOT
 ■ OPEN SPACE
 ● COMPLETED
 ● ONGOING

map

WATERSHED MANAGEMENT PROJECTS IN ONTARIO



CHAPTER

findings

This chapter offers statistical information on watershed management in Ontario. It is presented using a question and answer format and provides a sampling of the type of information that can be derived from the data that were collected.

The following 16 questions and answers identify some interesting facts and trends related to watershed management in Ontario over a five year period between 1990 and 1995. This information was last verified summer of 1996.

1) How many studies were initiated between 1990 and 1995?

Since 1990, 87 watershed and subwatershed management projects have been initiated. *Figure 3.1* shows the initiation of these projects by year. In 1993 demand for studies was up significantly and resulted in 30 initiated projects. This figure seems to coincide with the release of the three watershed planning guidance documents in 1993 which were jointly prepared by the ministries of Natural Resources (MNR) and Environment and Energy (MOEE).

2) Where is watershed management generally taking place in Ontario?

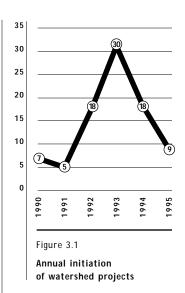
According to the maps, which are located in the pullout (Chapter 2), it is evident that major population centers in southern Ontario account for a significant proportion of the watershed management efforts. For example, the primary areas of activity include the regional municipalities of Metropolitan Toronto and York. The next significant area of activity appears to be west of the Metropolitan Toronto Area in and around the regional municipalities of Halton, Waterloo and the city of London.

Several larger watershed study areas in southern Ontario are found in the Humber, Grand, Maitland, Ausable and Nottawasaga watersheds, in the Lake Simcoe basin and in the Central Lake Ontario and Rideau Valley watersheds.

3) What is happening in MNR district and MOEE region jurisdictions?

The greatest number of watershed management activities are found in the MNR Maple district with 24 projects, Cambridge district with 23 projects followed by Alymer district with 10 projects, Midhurst and Tweed districts, each with eight projects.

In MOEE regions the number of watershed management activities are highest in Central region with 30 projects followed by South West region with 19 projects, West Central with 18 projects, Eastern with 14 projects and Northern with six projects.



5

findings

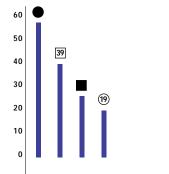


Figure 3.2 Status of completed watershed management projects

Legend

- Implementation strategy prepared?
- $\hfill\square$ Plan being implemented?
- Monitoring strategy prepared?
- O Monitoring underway

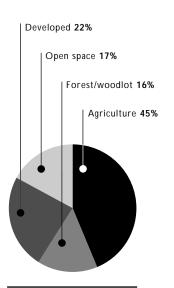


Figure 3.3

Distribution of land uses within a study area

4) What is the status of the watershed management projects? Are they ongoing or completed?

Of the 87 watershed management projects that were initiated between 1990 and 1995, 57 are completed, and 30 are ongoing.

Of the 57 completed studies, 57 have developed an implementation strategy, 39 projects are being implemented, 26 have developed a monitoring strategy and 19 projects are currently being monitored. (*Refer to Figure 3.2*).

5) What is the median size of a study area?

Based on 83 responses, the median size of a study area is 45 km². The minimum area is 1 km², and the maximum area is 109,000 km².

6) What is the median population in a study area?

Based on 70 responses, the median population within a study area is 12,000. The minimum population is 50, and the maximum population is 800,000.

When comparing the median size of the study area and median population within the study area there are approximately 270 people per km².

7) What is the median distribution of land uses within a study area?

Based on 84 responses, the watershed management study area typically consists of agricultural land, developed land, forests/woodlots and open space. Agricultural land use seems to account for the major proportion of the watershed area under study. (Refer to Figure 3.3).

8) What triggered the initiation of a watershed management project?

Based on 74 responses, 52 watershed management projects were initiated due to development pressure and 19 were initiated to augment resource protection and remediation. The other three reasons for project initiation were due to Canadian Heritage River designation, hydro development, and land use plans and approvals.

9) What are the typical issues in the study area?

A wide range of study issues were identified. The following chart shows which study issues were most common amongst the watershed management projects and are listed in descending order:

NO. OF PROJECTS	STUDY ISSUE	NO. OF PROJECTS	STUDY ISSUE
74	Surface water-flooding	29	Agriculture
74	Aquatic life/fisheries	22	Transportation
73	Surface water quality	18	Aggregates
71	Surface water-stormwater	13	Municipal water
58	Surface water-low flow	13	Municipal sewage
57	Stream channel/buffers	11	Private/communal water
44	Groundwater quality	10	Private/communal sewage
43	Wetlands/ANSIs	1	Waste disposal
39	Groundwater quantity		

10) What is the typical duration of a project (from initiation to completion)?

Of the 57 completed projects, 18 projects took one year or less to complete, 27 projects took two years to complete, while the remaining 12 projects took three to five years to complete. (*Refer to Figure 3.4*).

11) What is the typical size (median) of the various study committees?

Based on 66 responses, the steering committee typically had 10 members. The minimum number of members was three, the maximum was 46.

Based on 49 responses, the technical committee typically had 10 members, the minimum number of members was three, the maximum was 139.

Based on 20 responses, the public advisory committee also typically had 10 members, however, the minimum was two and the maximum was 60.

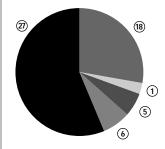


Figure 3.4

Typical duration
of a project (years)

findings

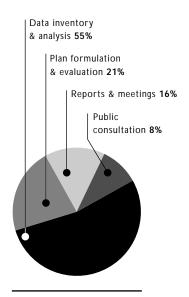
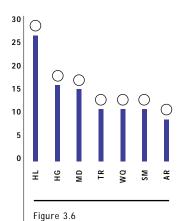


Figure 3.5

Distribution of total cost by study component



Distribution of data inventory cost by scientific component (percentage of total cost)

12) What proportion of the project budget was allocated to each study component?

The pie chart (*Figure 3.5*) shows the percent of median costs allocated amongst these study components. The majority of the project budget was spent on data inventory and analysis which amounted to 55 percent of the total cost of a project. In the future, it may also be useful to collect information relating to the costs associated with implementation and monitoring.

STUDY COMPONENT	MEDIAN COST	PERCENT (%)
Data inventory/analysis:	\$84,000	55
Plan formulation/evaluation:	\$33,000	21
Reports/meetings:	\$24,000	16
Public consultation:	\$12,500	8

13) What are the median costs for the scientific/discipline components of the data inventory phase?

The most expensive scientific component is hydrology and flooding/erosion which accounted for 27 percent (\$25,250). The bar chart (*Figure 3.6*) shows the relative distribution percentages of expenditures related to each scientific component based on the median figures listed below:

SCIENTIFIC COMPONENT	MEDIAN COST	PERCENT (%)
Hydrology, flood and erosion (HL):	\$25,250	27
Hydrogeology (HG):	\$15,000	16
Mapping/data management (MD):	\$14,000	15
Terrestrial resources (TR):	\$10,000	11
Water quality (WQ):	\$10,000	11
Stream morphology (SM):	\$10,000	11
Aquatic resources (AR):	\$8,000	9



14) Who typically leads a watershed management activity?

Out of a total of 87 studies, the chart shows that 41 were led by municipalities, 38 by conservation authorities, two by the province (one in partnership with Ontario Hydro), three by consulting firms, two by developers and one by a private citizen's group. (*Refer to Figure 3.7*).

15) What is the median cost of a typical watershed management project?

Based on 84 responses, the total cost of a project ranged from \$30,000 to \$896,000

The median is \$150,000.

16) Who is generally involved in the watershed management project?

Although many agencies and organizations are involved in watershed management projects. Based on 86 responses, lower tier municipalities were reported to be the participant most frequently involved in the watershed management project. The following chart indicates the number of times that each agency or organization was reported to have been involved in a watershed management project (in descending order).

NO. OF PROJECTS	AGENCY/ORGANIZATION
84	Lower tier municipality
81	Conservation authority
81	Ministry of Natural Resources
65	Ministry of Environment and Energy
62	Upper tier municipality
48	Public
28	Other agencies
22	Ministry of Agriculture, Food and Rural Affairs
18	Ministry of Transportation
18	Ministry of Municipal Affairs and Housing
10	Municipal health unit
7	Ministry of Northern Development and Mines

NOTE: Other Agencies included local green groups, clubs, businesses, school boards, universities, federal agencies, Ontario Hydro, and consultants.

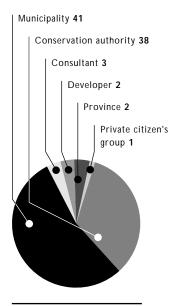


Figure 3.7

Typical lead agency of a watershed management project

CHAFTER

conclusion

The initiation of 87 watershed studies in Ontario between 1990 and 1995 indicates interest and support for watershed management. By using the data provided in this report, the reader is able to identify where watershed management is occurring, the agencies involved, typical study area characteristics, common land use and resource protection issues as well as relative costs. This information was intended to promote awareness and increase communication so that watershed management in Ontario continues to evolve and improve.

Missing projects?

If you are aware of a watershed management project that is not listed in *Table 1*, page 3, please fill out the Registration Form found in *Appendix C*, page 103, and send it to one of the individuals listed.

glossary

Best management practices: innovative actions that can be taken to improve the efficiency and effectiveness of watershed management activities and planning.

Catchment area: an area which drains into a river or body of water.

Ecosystem: is composed of air, water, land and living organisms, and the interactions among them.

Ecosystem approach: is usually associated with environmental protection and resource management. It requires the consideration of cumulative effects on the physical, chemical and biological components of the ecosystem as well as relationships among the environment, the economy and society.

Integration: the study of the entire watershed including the interrelationships between all the scientific components of watershed management.

Lead agency: the organization that is facilitating or co-ordinating the watershed management project.

Practitioners: those who are involved in watershed management. They include conservation authorities, provincial ministries, environmental consultants, local residents and citizen groups.

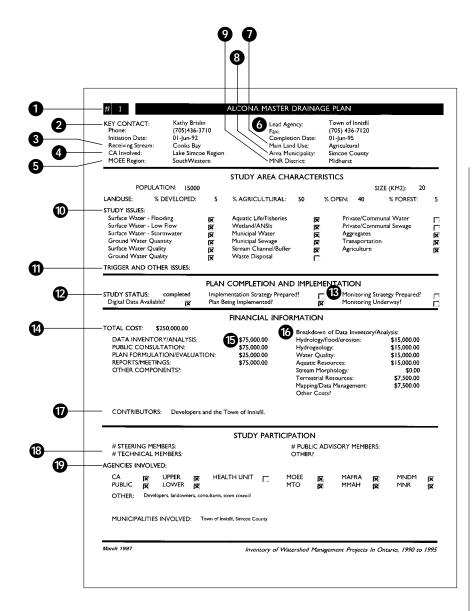
Stewardship: activities and management practices that take care of the watershed.

Sustainable: meets present needs without compromising the ability to meet future needs. Ecosystem sustainability relies on human activities as well as land use and resource management decisions that place importance on the long term health of the environment and the natural resource base.



appendix A:

GUIDE



- 1 The reference number assigned to the project from #1 to #87
- 2 Person to contact for more information about the project
- 3 The body of water that is downstream of the study site which helps identify the general location of the project
- **4** The Conservation authority involved in the project

- 5 The Ministry of Environment and Energy's regional office within the project area
- **6** The organization that directed or steered the project
- 7 The type of land use most found in the project area
- **8** A larger municipality that can help identify the general location of the project

- **9** The Ministry of Natural Resources' district office within the project area
- 10 Issues that pertain to the project are marked with an x
- 11 The key issue that prompted the initiation of the project
- 12 Identifies whether the project is ongoing or completed
- Whether the project is being implemented and a monitoring strategy is in place
- 14 Where the actual total cost was not available, an estimate was provided
- 15 Costs associated with the main study components of the project
- 16 A breakdown of the costs associated with the Data Inventory and Analysis study component
- **17** Agencies and organizations that helped fund the project
- **18** The number of members who sat on the various project committees
- 19 Legend of agencies involved:

CA	Conservation authority
Upper	Upper tier municipality
Lower	Lower tier municipality
MOEE	Ministry of Environment
	and Energy
MTO	Ministry of Transportation
MAFRA	Ministry of Agriculture
	Food and Rural Affairs
MMAH	Ministry of Municipal
	Affairs and Housing
MNDM	Ministry of Northern
	Development and Mines
MNR	Ministry of Natural

Resources

appendix B:

INDIVIDUAL PRINTOUTS

1990-1995

# 1			ALCON	A MASTER	R DRAIN	AGE P	LAN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	ne: (705)436-3710 tition Date: 01-Jun-92 eiving Stream: Cooks Bay nvolved: Lake Simcoe Region		Lead Agency: Fax: Completion Date: Main Land Use: Area Municipality: MNR District:		(T : 0 A : S	Town of Innisfil (705) 436-7120 01-Jun-95 Agricultural Simcoe County Midhurst				
			STUDY	AREA CH	IARACT	ERISTI	CS•			
POPULA ⁻	TION: 15000							SIZE	E (KM2): 2	0
LANDUSE: %	DEVELOPED:	5	% AGRIC	ULTURAL:	50	% (OPEN: 4	0	% FOREST:	5
STUDY ISSUES: Surface Water - Flood Surface Water - Low Surface Water - Storr Ground Water Quality Ground Water Quality TRIGGER AND OTHE	Flow mwater ity /	X X X X	Wetland/A Municipal Municipal	Water Sewage nannel/Buffe	er	X X X		ates ortation	al Water al Sewage	 X X X
		DI A	N COMPL	ETION AN	ID IMPI	EMENI	ATION•			
STUDY STATUS: Digital Data Available	completed	Implem	entation Stra	ategy Prepa			Monitor	ing Strate ing Under	gy Prepared? way?	
			FINAN	CIAL INFO	RMATIC	N•				
TOTAL COST: \$250,000.00 DATA INVENTORY/ANALYSIS: PUBLIC CONSULTATION: PLAN FORMULATION/EVALUATION: REPORTS/MEETINGS: OTHER COMPONENTS?:			\$75,00 \$75,00 \$25,00 \$75,00	Hydro Hydro Water Aquat Streat Terres Mapp	Breakdown of Data Inventory/Analysis Hydrology/flood/erosion:- Hydrogeology:- Water Quality:- Aquatic Resources:- Stream Morphology:- Terrestrial Resources:- Mapping/Data Management:- Other Costs?-					
CONTRIBUTORS:	Developers a	and the To	own of Innisfi	l.						
			STUD	Y PARTIC	IPATION	1•				
# STEERING MEN # TECHNICAL ME					# PUBL OTHER		SORY MEM	IBERS:		
AGENCIES INVOLVED) :									
PUBLIC X OTHER: Develop	UPPER LOWER Coers, landowners, con		TH UNIT	100	MOEE MTO	X	MAFR <i>A</i> MMAH	X	MNDM MNR	X
MUNICIPALITIES	INVOLVED:	Town of Inni	sfil, Simcoe Cou	unty						

March 1997

# 2	ALD	ER CREEK SUBWA	TERSHED PL	AN - PHASE 1		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Gus Rungis (519) 621-2761 01-Oct-95 Nith River Grand River West Central	Fax: Comp Main L Area N	Agency: letion Date: Land Use: Municipality: District:	Grand River CA (519) 621-4844 Agricultural Region of Waterloo Cambridge		
		STUDY AREA C	HARACTERIS	TICS•		
	ON: 4000 DEVELOPED: 5	% AGRICULTURAL:	70	% OPEN: 10	ZE (KM2): 77 % FOREST:	15
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality	low x water	Aquatic Life/Fisheries Wetland/ANSIs Municipal Water Municipal Sewage Stream Channel/Buff Waste Disposal		Private/Commu Private/Commu Aggregates Transportation Agriculture		I X
TRIGGER AND OTHER		lopmental pressure.				
STUDY STATUS: Digital Data Available?	ongoing Impler	AN COMPLETION A nentation Strategy Prepared leing Implemented?		Monitoring Strate Monitoring Under		
		FINANCIAL INFO	ORMATION•			
DATA INVENTORY/ PUBLIC CONSULTA PLAN FORMULATIO REPORTS/MEETIN OTHER COMPONE	ATION: DN/EVALUATION: GS:	\$125,000.00 \$0.00 \$0.00 \$0.00	Hydrology/f Hydrogeolo Water Qual Aquatic Re Stream Mo Terrestrial F	ity:- sources:- rphology:- Resources:- ata Management:-	\$40,000.00 \$5,000.00 \$10,000.00 \$15,000.00 \$0.00 \$15,000.00 \$40,000.00	
CONTRIBUTORS:	Region of Waterloo -	90%; GRCA - 10%				
		STUDY PARTIC	CIPATION			
# STEERING MEME # TECHNICAL MEM			# PUBLIC AD OTHER?	OVISORY MEMBERS:		
AGENCIES INVOLVED:						
(Cont.)	UPPER 🔀 HEA Lower 🔀	LTH UNIT°	MOEE MTO	MAFRA MMAH	MNDM MNR	X
MUNICIPALITIES IN	NVOLVED: Regional M	unicipality of Waterloo, Twp. of	f North Dumfries, Cit	ies of Kitchener and Cambrid	lge, County of Oxford.	

# 3		ARN	IITAGE C	REEK S	UBWAT	ERSHE	D PLAN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Lemoir Alexar (905) 882-110 01-Jan-92 Holland River Lake Simcoe Central	00	Fa C M on A		Lead Agency: Fax: Completion Date: Main Land Use: Area Municipality: MNR District:		Marshall Macklin Mo (905) 882-0055 Developed Reg. Mun. of York Maple		ghan Ltd.	
			STUDY A	REA CH	ARACT	ERISTIC	CS•			
POPULATI	ION:							SIZE	(KM2):	
LANDUSE: % [DEVELOPED:	%	6 AGRICUL	LTURAL:		% C	PEN:		% FOREST:	
STUDY ISSUES: Surface Water - Flooding Surface Water - Low Flow Surface Water - Stormwater Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER ISSUES:		X V X M M M M M M M M M M M M M M M M M	Aquatic Life/Fisheries Wetland/ANSIs Municipal Water Municipal Sewage Stream Channel/Buffer Waste Disposal			X X X	Private/Communal Water Private/Communal Sewage Aggregates Transportation Agriculture			
							.=			
STUDY STATUS: Digital Data Available?	ongoing	Implement	COMPLE tation Strate Implemen	egy Prepa		EMEN I			gy Prepared? vay?	×
			FINANCI	AL INFO	RMATIC	ON•				
TOTAL COST: \$80,000.00 DATA INVENTORY/ANALYSIS: PUBLIC CONSULTATION: PLAN FORMULATION/EVALUATION REPORTS/MEETINGS: OTHER COMPONENTS?: CONTRIBUTORS: Developer (Cr			\$0 \$0	0.00 0.00 0.00	Hydro Hydro Water Aquat Strea Terres Mapp	ology/flood ogeology: r Quality:- tic Resou m Morpho strial Res	rces:- ology:-		\$62,000.00 \$2,000.00 \$10,000.00 \$2,000.00 \$2,000.00 \$2,000.00 \$0.00	
			STUDY	PARTIC	IPATION	N				
# STEERING MEME # TECHNICAL MEM					# PUBL		SORY MEMB	ERS:		
AGENCIES INVOLVED:										
1221	UPPER KI	HEALTH	I UNIT°		MOEE MTO		MAFRA MMAH		MNDM MNR	X
MUNICIPALITIES II	NVOLVED: To	wn of Aurora,	Regional Mun	icipality of Yo	ork, King Tw	p. Town of	Newmarket			

# 4		AUSABLI	E-BAYFIELD	WATERSH	IED PLA	N REVIE	W		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Kate Monk (519)235-261 01-Jan-93 Lake Huron Ausable-Bayf SouthWester	ield	Fa: Co Ma Are	ad Agency: x: mpletion Date iin Land Use: ea Municipality IR District:	(5 e: 01 Aç /:	usable-Bay 19) 235-19 -Jun-95 gricultural ambridge			
		S	TUDY AREA	CHARACT	ERISTIC	S•			
POPULAT		5	4 O DI OLIII TI I D	70	0/ 6	DEN		= (\tag{\tau}_{\tau}).	2442
STUDY ISSUES:	DEVELOPED:	5 % /	AGRICULTUR	AL: 78	% C	PEN:	5	% FOREST:	12
Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow water y	We We Mu Mu Stro	uatic Life/Fishe etland/ANSIs nicipal Water nicipal Sewage eam Channel/E iste Disposal rotection.	e		Private/ Aggreg	ates ortation	al Water al Sewage	X X X
		PLAN C	OMPLETION	I AND IMPL	EMENT	ATION•			
STUDY STATUS: Digital Data Available?	completed	Implementat	ion Strategy Pi mplemented?		X	Monitor	ring Strate ring Under	gy Prepared? rway?	
		F	INANCIAL II	NFORMATIO	ON•				
TOTAL COST: \$80 DATA INVENTORY/ PUBLIC CONSULT/ PLAN FORMULATION REPORTS/MEETIN OTHER COMPONE	ATION:- ON/EVALUATIOI GS:-	N:-	\$20,000.00 \$25,000.00 \$17,500.00 \$17,500.00	Hydro Hydro Water Aqua Strea Terre Mapp	ology/flood ogeology:- r Quality:- tic Resou m Morpho strial Reso	rces:- ology:-		sis:	
CONTRIBUTORS:-									
		;	STUDY PAR	TICIPATION	N				
# STEERING MEME # TECHNICAL MEM	MBERS:	3• 8•		# PUBL OTHER		SORY MEN	MBERS:	23	
(Cont.)	UPPER X LOWER X	HEALTH U	JNIT 💌	MOEE MTO	X X	MAFRA MMAH		MNDM MNR	X
MUNICIPALITIES II	NVOLVED: 32	2 lower tier Munici	palities within the	Counties of Middle	esex. Lanarl	k. Huron. Pert	h.		

# 5	BIG CREEK	TRIBUT	TARY /SF	PRINGVAI	LEY SU	BWA ⁻	TERSHED	MASTE	ER PLAN	
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Richard Tuph (416)648-440 01-May-92 Big Creek Grand River West Central			Fax: Compl Main L	agency: etion Date and Use: lunicipality District:	:	Town of Ar (416) 648- 01-Oct-94 Agricultura Town of Ar Cambridge	3557 I ncaster		
			STUDY	AREA CH	IARACT	ERIST	TCS•			
POPULATION	ON: 500							S	IZE (KM2):	9
LANDUSE: % D	EVELOPED:	0	% AGRICI	ULTURAL:	44	%	OPEN:	40	% FORES	ST: 16
STUDY ISSUES: Surface Water - Floodir Surface Water - Low Floodir Surface Water - Stormy Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	ow vater	X X X X	Wetland/A Municipal ' Municipal '	Water Sewage nannel/Buffe posal	er		Priva Aggre Trans		unal Water unal Sewage	
			· ·							
STUDY STATUS: Digital Data Available?	completed	Impleme		etegy Preparented?		EMEN	Monit		ategy Prepare derway?	ed?
			FINANC	CIAL INFO	ORMATIC	ON•				
TOTAL COST: \$110,000.00 DATA INVENTORY/ANALYSIS:- PUBLIC CONSULTATION:- PLAN FORMULATION/EVALUATION REPORTS/MEETINGS:- OTHER COMPONENTS?:-		\$80,000.00 \$5,000.00 \$15,000.00 \$10,000.00		Hydro Hydro Water Aquat Strear Terres Mapp	Breakdown of Data Inventory// Hydrology/flood/erosion: Hydrogeology: Water Quality: Aquatic Resources: Stream Morphology: Terrestrial Resources: Mapping/Data Management: Other Costs?			\$48,000 \$7,000 \$2,000 \$4,000	0.00 0.00 0.00 0.00 0.00	
CONTRIBUTORS:	Developers - 1	00%-								
			STUD	Y PARTIC	IPATION	1				
# STEERING MEMB # TECHNICAL MEMI		5• 5•			# PUBL		/ISORY MI	EMBERS:		0
AGENCIES INVOLVED:										
(Entry)	JPPER OWER	HEALT	H UNIT		MOEE MTO	X	MAFI MMA	2.0		M 🔼
MUNICIPALITIES IN	VOLVED: To	wn of Ancas	ter							

# 6		BLA	IR-BECH	TEL CREE	EKS WA	TERS	SHED PLA	N		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Lorrie Minsha (519)621-276 01-Jan-93 Grand River Grand River West Central			Main La	etion Date and Use: unicipality		Grand Rive (519) 621- 01-May-96 Agricultura Reg. Mun. Cambridge	4844 I of Waterl	00	
			STUDY	AREA CH	IARACT	ERIS	TICS•			
POPULATI		_	~				, open		ZE (KM2):	26
STUDY ISSUES:	EVELOPED:	5	% AGRIC	ULTURAL:	50	9	% OPEN:	15	% FORES	T: 30
Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	low water /	X X X X X Develop	Wetland/A Municipal Municipal Stream Ch Waste Dis	Water Sewage nannel/Buffe	er .	X X X	Priva Aggre Trans		unal Water unal Sewage	X X X
TRIOGER AND OTHER	100020.	•		ETION AN	ID IMPL		NT A TION-			
STUDY STATUS: Digital Data Available?	completed	Impleme		ETION AN ategy Prepa ented?		EIVIEI X	Monit		itegy Prepared lerway?	l?
			FINAN	CIAL INFO	RMATIC	NC				
TOTAL COST: \$310,000.00				Breakdown of Data Inventory/Analysis:					00 00 00 00 00	
CONTRIBUTORS:	Province 37.5	% in 94; 5			·	,	CA;			
# STEERING MEME	DEDC:	10	STUD	Y PARTIC			VISORY MI	EMDEDO.	2	
# TECHNICAL MEN		10			OTHER		VISORTIVII	LIVIDENS.	2	
AGENCIES INVOLVED:										
Ministry.	UPPER KI	HEALT	TH UNIT		MOEE MTO	X	MAFI MMA	and the second	MNDM MNR	×
MUNICIPALITIES IN	NVOLVED: R	egion of Wate	erloo, City of I	Kitchener, Twp.	of Wilmot, 0	County of	of Oxford.			

# 7		BRUCE	CREEK E	NVIRONM	ENTAL	MANA	AGEMENT	PLAN		
REY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Les Arishenk (905)477-70 01-Oct-93 Little Rouge Metro Toron Central	00 ext. 30		Lead Agency: Fax: Completion Date: Main Land Use: Area Municipality: MNR District:			Town of Markham (905) 479-7766 01-May-94 Agricultural Reg. Mun. of York Maple			
			STUDY	AREA CH	HARACT	ERIS	TICS•			
POPULAT	TON: 7000							SIZ	ZE (KM2):	36
LANDUSE: % [DEVELOPED:	15	% AGRIC	ULTURAL:	70	9	6 OPEN:	5	% FOREST:	: 10
TUDY ISSUES: Surface Water - Flooding Surface Water - Low Flow Surface Water - Stormwater Ground Water Quantity Surface Water Quality Frieder And Other Issues: Aquatic Life Wetland/AN We				ANSIs Water Sewage hannel/Buffe sposal	NSIs Private/Communal S Water R Aggregates Sewage R Transportation hannel/Buffer R Agriculture posal					
		DI A	N COMPI	ETION A	ID IMPL	EMEN	NTATION•			
STUDY STATUS: Digital Data Available?	completed	Impleme		ategy Prepa		X X	Monito	oring Strat oring Unde	egy Prepared? erway?	
			FINAN	CIAL INFO	ORMATIO	ON				
TOTAL COST: \$5 DATA INVENTORY PUBLIC CONSULT PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE	ATION:- ON/EVALUATIO IGS:-	N:-			Hydro Hydro Wate Aqua Strea Terre Mapp	ology/flo ogeolog r Qualit tic Res m Morp strial R	ty:- ources:- phology:- esources:- ta Managem	-	ysis:	
CONTRIBUTORS:	Developer 10	00%-								
			STUD	Y PARTIC	IPATION	N				
# STEERING MEM # TECHNICAL MEM		10•			# PUBL OTHER		VISORY ME wo public m			
AGENCIES INVOLVED	:									
CA X PUBLIC X OTHER:	UPPER D	HEAL	TH UNIT		MOEE MTO		MAFR MMAI	and the second	MNDM MNR	X
MUNICIPALITIES I	NVOLVED: 1	own of Mark	ham, Village o	f Bethesda, Go	ormley, Unior	nville, Vid	ctoria Square			

# 8	BUF	RNDENET CRI	EEK ENVIR	ONMENT	AL MAN	AGEMEN	IT PLAN		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Les Arishenko (905)477-700 01-Oct-93 Little Rouge F Metro Toronto Central	00 ext. 302 River	Fax: Com Main Area	Agency: pletion Date Land Use: Municipality District:	(9 e: 0 A y: R	Town of Markham (905) 479-7766 01-May-94 Agricultural Reg. Mun. of York Maple			
		STU	IDY AREA	CHARACT	TERISTIC	CS•			
POPULATI	ON: 10000						SIZE	E (KM2): 5	j
LANDUSE: % D	EVELOPED:	35 % AG	RICULTURA	L: 55	% (OPEN:	5	% FOREST:	5
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Wetla Munic Munic Stream Waste	ic Life/Fisheric nd/ANSIs ipal Water ipal Sewage m Channel/Bu e Disposal rban expansion	ıffer	X X X	Private/Communal Wa Private/Communal Se Aggregates Transportation Agriculture			 X	
		DI AN COI	/PLETION /	AND IMDI	EMENIT	ATIONA			
STUDY STATUS: Digital Data Available?	completed	Implementation Plan Being Imp	Strategy Pre		X X	Monito	ring Strate ring Under	gy Prepared? way?	
		FIN	ANCIAL IN	FORMATI	ON				
TOTAL COST: \$50 DATA INVENTORY/ PUBLIC CONSULTAPLAN FORMULATIC REPORTS/MEETINOTHER COMPONE CONTRIBUTORS:	ATION:- DN/EVALUATION GS:-			Hydro Hydro Wate Aqua Strea Terre Mapp	ology/floo ogeology: er Quality: atic Resou am Morph estrial Res	- urces:- ology:- sources:- Manageme		sis:	
		ST	UDY PART	ICIPATIO	N				
# STEERING MEME # TECHNICAL MEM		10•		# PUBI OTHER		SORY MEN			
AGENCIES INVOLVED:									
15.51	UPPER DELOWER F	HEALTH UN	п 🗖	MOEE MTO		MAFRA MMAH		MNDM MNR	X
WONIOFALITIES II	AVOLVED. IC	own or ivia Miaili							

# 9		CA	ARP RIVER	BASIN ST	UDY				
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Paul Lehman (613)259-242 01-Jan-93 Ottawa River Mississippi Va Eastern		Main L	etion Date: and Use: lunicipality:	(613) 259 Agricultur Reg. Mur	Mississippi Valley CA (613) 259-3468 Agricultural Reg. Mun. of Ottawa-Carleton Kemptville			
		STUD	Y AREA CH	IARACTER	RISTICS•				
POPULATI							ZE (KM2): 31		
	EVELOPED:	3 % AGRI0	CULTURAL:	26	% OPEN:	39	% FOREST:	32	
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality	low water /	Wetland/ Municipa Municipa Stream C Waste D	al Water al Sewage Channel/Buffe isposal	er C	Priv Agg Trai Agri	rate/Commur rate/Commur gregates nsportation iculture			
TRIGGER AND OTHER	ISSUES:	Development pres							
STUDY STATUS: Digital Data Available?	ongoing	PLAN COMP Implementation St Plan Being Implen	trategy Prepa	red?	☐ Mor		egy Prepared? erway?	X	
		FINAN	NCIAL INFO	RMATION	l•				
DATA INVENTORY/ PUBLIC CONSULTA PLAN FORMULATION REPORTS/MEETIN OTHER COMPONE	ATION: DN/EVALUATION GS:		000.00 \$0.00 \$0.00 \$0.00	Hydrolog Hydroge Water Q Aquatic Stream I Terrestri	luality: Resources: Morphology: al Resources: g/Data Manage	n:	\$25,000.00 \$0.00 \$10,000.00 \$5,000.00 \$0.00 \$0.00		
CONTRIBUTORS:	Province - 30%	%, Municipality - 35	%, CA - 35%						
		STU	DY PARTIC						
# STEERING MEME # TECHNICAL MEN				# PUBLIC OTHER?	ADVISORY N	/IEMBERS:			
AGENCIES INVOLVED:									
(Cont.)	UPPER X LOWER X	HEALTH UNIT°		MOEE MTO	MAI MM	FRA 🗖	MNDM MNR	X	
MUNICIPALITIES IN	NVOLVED: Re	egional Municipality of O	rttawa-Carleton, ⁻	Гwp. of West Са	arleton				

# 10	С	AVAN C	REEK/OT	ONABEE	RIVER S	UBWA [*]	TERSHED	PLAN		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	John Merria (705)745-57 01-May-95 Otonabee R Otonabee R Eastern	'91 iver	Lead Agency: Fax: Completion Date: Main Land Use: Area Municipality: MNR District:			(° :: A: C:	Otonabee Region CA (705) 745-7488 Agricultural City of Peterborough Tweed			
			STUDY	AREA CH	IARACT	ERISTI	CS•			
POPULAT	TON: 20000							SIZ	E (KM2): 1	47
	DEVELOPED:	10	% AGRIC	ULTURAL:	70	%	OPEN:	10	% FOREST:	10
STUDY ISSUES: Surface Water - Flooding Surface Water - Low Flow Surface Water - Stormwater Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER ISSUES:			Aquatic Life/Fisheries Wetland/ANSIs Municipal Water Municipal Sewage Stream Channel/Buffer Waste Disposal esource protection.			Private/Communal Water Private/Communal Sewage Aggregates Transportation Agriculture				
TRIOGER AND OTHER	(IOOOLO.									
STUDY STATUS: Digital Data Available?	ongoing	Implem	AN COMPL nentation Str eing Implem	ategy Prepa			Monito	ring Strate ring Unde	egy Prepared? erway?	
			FINAN	CIAL INFO	RMATIC	ON•				
TOTAL COST: \$67,496.00 DATA INVENTORY/ANALYSIS: PUBLIC CONSULTATION: PLAN FORMULATION/EVALUATION: REPORTS/MEETINGS: OTHER COMPONENTS?:			\$40,000.00 Hy \$10,000.00 W \$10,000.00 Ac \$8,000.00 St Te			Breakdown of Data Inventory/Analysis: Hydrology/flood/erosion: Hydrogeology: Water Quality: Aquatic Resources: Stream Morphology: Terrestrial Resources: Mapping/Data Management: Other Costs? \$15,000 \$3,000 \$5,000 \$5,000 \$4,000 Other Costs?				
CONTRIBUTORS:	MNR - 50%;	City of Pe	nerborougn	- 50%						
			STUD	Y PARTIC	IPATION	N				
# STEERING MEM # TECHNICAL MEN		8 8			# PUBL		ISORY MEI	MBERS:		
AGENCIES INVOLVED):									
CA PUBLIC COTHER:	UPPER D	HEAI	LTH UNIT		MOEE MTO		MAFR. MMAH		MNDM MNR	X
MUNICIPALITIES I	INVOLVED:	Twp. of Cava	an, N. Monagha	an, City of Peter	borough.					

# 11		CE	NTENNIAL	L CREEK	SUBWA [*]	TERSH	ED PLAN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Peter Cookse (416) 396-71 01-Jun-93 Highland Cre Metro Toront Central	56 eek	gion	Lead Agency: Fax: Completion Date: Main Land Use: Area Municipality: MNR District:			City of Scarborough (416) 396-6920 Developed City of Scarborough Maple			
			STUDY	AREA CH	IARACT	ERISTI	CS•			
POPULAT	ION: 75000							SIZI	E (KM2): 12	2
LANDUSE: % [DEVELOPED:	74	% AGRICI	ULTURAL:	10	% (OPEN:	1	% FOREST:	15
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow water y	X X X X X	Wetland/A Municipal Municipal	Water Sewage nannel/Buffe posal				ates ortation	al Water al Sewage	
		РΙΔ	N COMPL	ETION A	ID IMPI	EMENT	ATION•			
STUDY STATUS: Digital Data Available?	ongoing	Impleme	entation Stra	ategy Prepa			Monitor	ing Strate ing Under	egy Prepared? rway?	X
			FINANC	CIAL INFO	RMATIC	ON•				
TOTAL COST: \$50 DATA INVENTORY, PUBLIC CONSULT, PLAN FORMULATION REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION: ON/EVALUATIO IGS:		\$345,00 \$30,00 \$50,00 \$75,00	00.00 00.00	Hydro Hydro Water Aquat Strea Terres Mapp	ology/floo ogeology: r Quality: tic Resou m Morph strial Res	ırces: ology:		\$135,000.00 \$25,000.00 \$55,000.00 \$50,000.00 \$0.00 \$50,000.00 \$30,000.00	
			STUD	Y PARTIC						
# STEERING MEMB # TECHNICAL MEM		18 10			# PUBL		SORY MEN	MBERS:	10	
AGENCIES INVOLVED	:									
PUBLIC 🕱	UPPER LOWER Rouge Assoc.	HEAL	TH UNIT°	П	MOEE MTO	X	MAFR <i>I</i> MMAH		MNDM MNR	X
WOTTON ALTIEUT	TOLVED.	, 5. 500150	wg							

# 12		CH	IPPEWA •	CREEK S	SUBWAT	ERSHE	D PLAN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Bill Beckett (705) 474-54 01-Jul-94 Lake Nippisi North Bay-M Northern	ng		Fax: Comp Main I Area M	Agency: letion Date Land Use: Municipality District:	(7 e: 0 D /: C	North Bay-Mattawa CA (705) 474-9793 01-Jun-96 Developed City of North Bay North Bay			
			STUDY	AREA C	HARACT	ERISTIC	CS•			
POPULAT	TON: 10000							SIZI	E (KM2): 40)
LANDUSE: %	DEVELOPED:	45	% AGRICU	ULTURAL:	0	% (OPEN: 55	•	% FOREST:	0
STUDY ISSUES: Surface Water - Flood Surface Water - Low Surface Water - Storn Ground Water Quality Ground Water Quality TRIGGER AND OTHER	Flow nwater ty		Aquatic Life/Fisheries Wetland/ANSIs Municipal Water Municipal Sewage Stream Channel/Buffer Waste Disposal				Private/Communal Water Private/Communal Sewage Aggregates Transportation Agriculture reaches of watershed).			
		DI AA	LCOMPL	ETION A	ND IMPL		ATION			
STUDY STATUS: Digital Data Available?	ongoing	Impleme	N COMPL ntation Stra ng Impleme	ategy Prepa					egy Prepared? rway?	
			FINANC	CIAL INF	ORMATIC	ON•				
TOTAL COST: \$1 DATA INVENTORY PUBLIC CONSULT PLAN FORMULAT REPORTS/MEETIN OTHER COMPONI	ATION: ION/EVALUATIO NGS:	eology -	\$37,50 \$6,25 \$46,25 \$26,00	50.00 50.00 00.00	Hydro Hydro Water Aqua Strea Terre Mapp	ology/floo ogeology: r Quality:- tic Resou m Morphe strial Res	rces:- ology:-		\$13,750.00 \$6,250.00 \$5,000.00 \$3,750.00 \$0.00 \$3,750.00 \$5,000.00	
			STUD	Y PARTIO	CIPATION	N				
# STEERING MEM # TECHNICAL MEI		18 15			# PUBL		SORY MEM	BERS:	9	
AGENCIES INVOLVED	:									
CA PUBLIC N	UPPER DE LOWER	HEALT	H UNIT°	X	MOEE MTO		MAFRA MMAH		MNDM MNR	X
MUNICIPALITIES	NVOLVED: C	City of North Ba	ау							

# 13		CIT	Y OF VAL	JGHAN SL	JBWATE	RSHE	D STUDY			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Paul Robinson (905) 832-2281 01-Jun-92 Don & Humber Rivers Metro Toronto and Region Central			Lead Agency: Fax: Completion Date: Main Land Use: Area Municipality: MNR District:			City of Vaughan (905) 832-6080 01-Jun-94 Agricultural City of Vaughan Maple			
			STUDY	AREA CH	ARACT	ERISTI	CS•			
POPULATION	ON: 25000							SIZ	E (KM2): 1	00
LANDUSE: % D	EVELOPED:	15	% AGRIC	ULTURAL:	60	% (OPEN: 1	15	% FOREST:	10
STUDY ISSUES: Surface Water - Floodin Surface Water - Low Fl Surface Water - Storme Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	ow vater	X X X X X	Wetland/A Municipal Municipal Stream Ch Waste Dis	Water Sewage nannel/Buffe		X X X X	Private Aggreg	ates ortation	al Water al Sewage	 X X
				•						
STUDY STATUS: Digital Data Available?	completed	Impleme	entation Stra ing Impleme		red?	X	Monito	ring Strate ring Unde	egy Prepared? rway?	
			FINAN	CIAL INFO	RMATIC	N				
DATA INVENTORY// PUBLIC CONSULTA PLAN FORMULATIC REPORTS/MEETING OTHER COMPONE	TION: DN/EVALUATIO GS: NTS?: \$10,0	000	\$75,00 \$10,00 \$40,00 \$50,00	00.00 00.00 00.00	Hydro Hydro Water Aquat Strear Terres Mappi Other	logy/floo geology: Quality: ic Resou m Morph strial Res ng/Data Costs?	ırces: ology:		\$8,000.00 \$15,000.00 \$8,000.00 \$10,000.00 \$8,000.00 \$16,000.00 \$10,000.00	
CONTRIBUTORS:	Municipal - 1	00% (reco	verable by f	tuture develo	pment ch	arges)				
			STUD	Y PARTIC	PATION	ı				
# STEERING MEMB # TECHNICAL MEM		0 8			# PUBL OTHER	_	SORY MEN	MBERS:	15	
AGENCIES INVOLVED:										
[E-2]	JPPER X	HEAL	TH UNIT		MOEE MTO	X	MAFR/ MMAH		MNDM MNR	X
MUNICIPALITIES IN	IVOLVED: 0	City of Vaugh	an, York Regio	n.						

# 14			COLLINS	S CREEK W	VATERS	SHED S	STUDY						
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Karla Maki-E (613) 546-42 01-Jan-90 Lake Ontario Cataraqui Re Eastern	228		Main La	etion Date and Use: unicipality	e: /:	Cataraqui I (613) 547- 31-Jan-94 Agricultura Twp. of Kir Tweed	6474		rringtor	٦		
			STUDY	Y AREA CH	ARACT	ERIST	ICS•						
POPULAT	ION:							SI	SIZE (KM2): 166				
LANDUSE: %	DEVELOPED:	5	% AGRIC	CULTURAL:	40	%	OPEN:	30	% FOR	EST:	20		
STUDY ISSUES:													
Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality	urface Water - Low Flow urface Water - Stormwater round Water Quantity urface Water Quality round Water Quality X X X Wef Water W				Aquatic Life/Fisheries Wetland/ANSIs Municipal Water Municipal Sewage Stream Channel/Buffer Waste Disposal ment pressure.				Private/Communal Water Private/Communal Sewage Aggregates Transportation Agriculture				
TRIOGEN AND OTHER	. 1000LO.	2010	, p										
STUDY STATUS: Digital Data Available?	completed	Implem		LETION AN rategy Preparented?		EMEN IX IX	Monit		tegy Prepa erway?	ared?			
			FINAN	ICIAL INFO	RMATIO	ON							
TOTAL COST: \$2 DATA INVENTORY PUBLIC CONSULT PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION:- ON/EVALUATIO IGS:-		25%; Storri	ington - 12.5%	Hydro Hydro Water Aqua Strea Terre Mapp Other	ology/floo ogeolog r Quality tic Reso m Morp strial Re ing/Dat r Costs?	y:- burces:- bhology:- esources:- a Managen	:-	lysis:				
			STUE	OY PARTIC	IPATION	N							
# STEERING MEM # TECHNICAL MEM	MBERS:	14			# PUBL	_	/ISORY ME	EMBERS:					
AGENCIES INVOLVED	:												
PUBLIC OTHER: Collins V	UPPER LOWER X		TH UNIT	IC.	MOEE MTO mer, Area R	Ratepayer	MAFI MMA s, Queens Un	H 🕱	MN MN		X		
MUNICIPALITIES I	NVOLVED: 1	Γwp. of King	ston, and Twp	o. of Storrington									

# 15		D'AUBIGNY	CREEK S	UBWATE	RSHE	D PLAN					
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Gus Rungis (519) 621-276 01-Jan-90 Grand River Grand River West Central	1	Fax: Comple Main La Area M	Fax: Completion Date: Main Land Use: Area Municipality:			Developer (519) 621-4844 01-Mar-92 Agricultural City of Brantford Cambridge				
		STUDY	AREA CH	ARACTE	RISTI	CS•					
POPULATIO								E (KM2): 10			
LANDUSE: % DI STUDY ISSUES:	EVELOPED:	5 % AGRIC	ULTURAL:	70	% (OPEN:	5	% FOREST:	20		
Surface Water - Floodin Surface Water - Low Flo Surface Water - Stormw Ground Water Quantity Surface Water Quality Ground Water Quality	ow [vater [Wetland/A Municipal Municipal	Water Sewage nannel/Buffe posal	r	X X X		ates ortation	al Water al Sewage			
TRIGGER AND OTHER I	330E3:										
STUDY STATUS: Digital Data Available?		PLAN COMPL Implementation Stra Plan Being Impleme	ategy Prepai		MENI X	Monitor	ing Strate	gy Prepared? way?	[X		
		FINAN	CIAL INFO	RMATIO	N						
DATA INVENTORY/A PUBLIC CONSULTA PLAN FORMULATIO REPORTS/MEETING OTHER COMPONEN CONTRIBUTORS:	TION:- N/EVALUATION: SS:-			Hydrok Hydrog Water Aquatio Stream Terrest Mappir	ogy/floo jeology: Quality: c Resou i Morph rial Res	rces:-		sis:			
		etub.	Y PARTIC	IDATION							
# STEERING MEMBI # TECHNICAL MEMB		8	I FARIIC			SORY MEN	IBERS:				
AGENCIES INVOLVED:											
(Exit)	JPPER X OWER X	HEALTH UNIT°		MOEE MTO		MAFRA MMAH		MNDM MNR	X		
MUNICIPALITIES IN	VOLVED: Bran	nt County, City of Brantfo	ord, Brantford T	wp							

# 16		DI	NGMAN C	REEK SU	BWATE	RSHE	STUDY			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Ron Standish (519) 661-49 01-Sep-92 Thames Rive Upper Thame SouthWester	78 r es River	Lead Agency: Fax: Completion Date: Main Land Use: Area Municipality: MNR District: STUDY AREA CHARACTER			(: 1 : (City of Londo 519) 661-59 5-May-95 Agricultural City of Londo Aylmer	931		
			STUDY	AREA CH	ARACT	ERISTI	CS•			
POPULATION	ON:							SIZ	E (KM2): 1	30
LANDUSE: % DI	EVELOPED:	15	% AGRICU	JLTURAL:	70	%	OPEN:	0	% FOREST:	15
STUDY ISSUES: Surface Water - Floodir Surface Water - Low Floodir Surface Water - Stormed Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	ow vater	X X X	Aquatic Lif Wetland/A Municipal \(^1\) Municipal \(^2\) Stream Ch Waste Disp	NSIs Water Sewage annel/Buffel	·	X X X	Private, Aggreg	ates ortation	nal Water nal Sewage	 X X
		DI 4			D 114D1		- A - TION			
STUDY STATUS: Digital Data Available?	completed	Impleme		ETION AN ategy Preparented?		EMEN	Monito	ring Strate ring Unde	egy Prepared? erway?	
			FINANC	CIAL INFO	RMATIC	ON				
TOTAL COST: \$294,000.00 DATA INVENTORY/ANALYSIS: PUBLIC CONSULTATION: PLAN FORMULATION/EVALUATION: REPORTS/MEETINGS: OTHER COMPONENTS?:		N:	\$126,00 \$11,00 \$143,00 \$14,00	00.00 00.00	Hydro Hydro Water Aquat Strear Terres Mapp	ology/floo ogeology Quality ic Resorm Morph strial Res	: urces:		ysis: \$36,000.00 \$19,500.00 \$25,500.00 \$8,500.00 \$5,500.00 \$15,000.00	
CONTRIBUTORS:	City of Londo	n, Town o	f Westminst	er, Ministry	of Natura	l Resou	rces (UTRC	A).		
			STUD	PARTICI	PATION	ı				
# STEERING MEMB # TECHNICAL MEMI		0 21			# PUBL OTHER		ISORY MEN	MBERS:	0	
AGENCIES INVOLVED:										
PUBLIC 🔀 L	JPPER X OWER X evelopment Institute,		TH UNIT		MOEE MTO cal Planning	Advisory	MAFRA MMAH Committee, Ag		MNDM MNR Ivisory Committee.	X
MUNICIPALITIES IN	VOLVED: C	ity of Londor	١.							

# 17	DO	DDD/KI	ETTLE CRE	EEK/LYNH	URST S	UBWA [*]	TERSHED	PLAN		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	John Dewan (519)631-166 01-Oct-94 Kettle Creek Kettle Creek SouthWestel	80		Main L	etion Date and Use: lunicipality	() : 0 A : C	City of St. Th 905) 633-90 11-May-96 Agricultural City of St. Th	117		
			STUDY	AREA CH	IARACT	ERISTI	CS•			
POPULAT	TON: 400							SIZ	E (KM2): 1	8
LANDUSE: %	DEVELOPED:	6	% AGRIC	CULTURAL:	72	%	OPEN:	9	% FOREST:	13
STUDY ISSUES: Surface Water - Flood Surface Water - Low I Surface Water - Storn Ground Water Quanti Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow nwater ty	X X X X	Wetland// Municipal Municipal	Water Sewage hannel/Buffe sposal	er	X X X		ates ortation	al Water al Sewage	
TRIGGER AND OTHER	(1330E3.									
STUDY STATUS: Digital Data Available?	completed	Impler	AN COMPL mentation Str Being Implem	ategy Prepa		EMENT	Monito	ing Strate	egy Prepared? rway?	X
			FINAN	CIAL INFO	RMATIC	N				
TOTAL COST: \$1 DATA INVENTORY PUBLIC CONSULT PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION: ION/EVALUATIO NGS:		\$10,0 \$20,0 \$20,0	000.00 000.00 000.00 000.00	Hydro Hydro Water Aquat Strear Terres Mappi Other	logy/floo geology Quality: ic Resou m Morph strial Res ing/Data Costs?	: urces: nology: sources: Manageme		\$30,000.00 \$10,000.00 \$5,000.00 \$8,000.00 \$2,000.00 \$10,000.00 \$5,000.00	
			STUD	Y PARTIC	IPATION					
# STEERING MEM # TECHNICAL ME! AGENCIES INVOLVED	MBERS:	14 14	0100	ARTIO	_	IC ADVI	ISORY MEN	MBERS:	0	
CA X PUBLIC X	UPPER X LOWER X	HEA	ALTH UNIT		MOEE MTO	×	MAFR/ MMAH	X	MNDM MNR	 X
MUNICIPALITIES I	INVOLVED: C	City of St. T	⁻ homas, Twonsh	nip of Yarmouth,	, Township o	f Southwol	ld			

# 18			DON RIV	ER WATE	RSHED	STRAT	EGY				
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Adele Freeman (416) 661-6600 ext. 238 01-Jan-92 Lake Ontario Metro Toronto and Region Central			Main La	etion Date and Use: unicipality): (4 e: 0 D /: R	Metro Toronto and Region CA (416) 661-6898 01-Dec-94 Developed Reg. Mun. of York Maple				
			STUDY	AREA CH	IARACT	ERISTI	CS•				
POPULATI	ON: 800000							SIZE	E (KM2): 30	60	
LANDUSE: % D	EVELOPED:	80	% AGRICI	ULTURAL:	20	% (OPEN: 3	3	% FOREST:	8	
STUDY ISSUES:											
Surface Water - Floodi	•	X	-	e/Fisheries		×		Communa			
Surface Water - Low F		×	Wetland/A			X			al Sewage		
Surface Water - Storm		×	Municipal			110	Aggrega				
Ground Water Quantity	/	×	Municipal				Transpo				
Surface Water Quality		X		nannel/Buffe	er	×	Agricult	ure			
Ground Water Quality			Waste Dis	posai							
TRIGGER AND OTHER	ISSUES:	Reme	diation/watersl	ned study and	d remedial a	action plan					
		PLA	N COMPL	ETION AN	ND IMPL	.EMENT	ATION•				
STUDY STATUS: Digital Data Available?	completed		entation Stra		red?	X		ng Strate ng Under	gy Prepared? way?	×	
			FINΔNO	CIAL INFO	RMATIO	ON					
TOTAL COST: \$40	0,000.00		1 11474144			511					
,							Data Invent	ory/Analys	sis:		
DATA INVENTORY/							d/erosion:-				
PUBLIC CONSULTA		NI.				ogeology:					
PLAN FORMULATION		N:				r Quality:					
REPORTS/MEETING OTHER COMPONE						tic Resou m Morph					
OTHER COMPONE	NIS!.					m Morph strial Res	•				
							Manageme	nt·			
						Costs?	Managomo				
CONTRIBUTORS:											
CONTRIBOTORO.											
			STUD	Y PARTIC	IDATION	NI.					
# STEERING MEME	EDQ.		3100	I I AINTIO			SORY MEM	BEDS:			
# TECHNICAL MEM					OTHER		members or		Force.		
AGENCIES INVOLVED:											
CA 💌	UPPER 🔀	HEAL	TH UNIT		MOEE	×	MAFRA		MNDM		
	LOWER 🔀				MTO		MMAH		MNR	×	
OTHER:											
J											
MUNICIPALITIES IN		Regional Mur oronto, Sca		ropolitan Toron	ito, York, Cit	ty of North	ork, Vaughan,	East York, N	Markham, Richmon	d Hill,	

# 19		DOO	N SOUTI	H CREEK	SUBWA	TERS	HED PLA	N			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Dave Mansell (519) 741-24 01-Jan-93 Strasburg Cro Grand River West Central	eek	Completion Date:				City of Kitchener (519) 741-2633 31-Oct-94 Agricultural Reg. Mun. of Waterloo Cambridge				
			STUDY	AREA CH	ARACT	ERIST	TICS•				
POPULAT	ON: 600							5	SIZE (KM	12): 4	
	DEVELOPED:	10	% AGRICI	ULTURAL:	40	%	6 OPEN:	40	% F	OREST:	10
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Tlow water y	X X X	Wetland/A Municipal Municipal Stream Ch Waste Dis	Water Sewage nannel/Buffe		X X X	Priva Aggr Trans		nunal Wa nunal Sev n		
		PLAN	I COMPI	ETION AN	ID IMPI	FMFN	NTATION:				
STUDY STATUS: Digital Data Available?	completed	Impleme		ategy Prepar		X	Moni	toring Str	rategy Pronderway?	-	X
			FINANG	CIAL INFO	RMATIC	ON					
TOTAL COST: \$10 DATA INVENTORY, PUBLIC CONSULT, PLAN FORMULATION REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION:- ON/EVALUATIOI GS:-)-		Hydro Hydro Water Aquat Strea Terres Mapp	ology/flo ogeolog r Qualit tic Res m Morp strial R	cy:- ources:- ohology:- esources:- ta Manager	11-	nalysis:		
			STUD	Y PARTIC	IPATION	N					
# STEERING MEMB # TECHNICAL MEM		10				LIC AD	VISORY M	EMBERS	3:		
AGENCIES INVOLVED											
1521	UPPER X LOWER X	HEALT	'H UNIT°		MOEE MTO		MAF MMA		-	MNDM MNR	X
MUNICIPALITIES II	NVOLVED: R	egional Munic	cipality of Wat	terloo, City of K	itchener						

# 20		EAST I	IORRISO	N CREEK	SUBW	ATERS	SHED STU	DY			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Bill Butler (905) 845-66 01-Apr-94 Lake Ontario Halton Regio Central	,	20	Lead Agency: Fax: Completion Date: Main Land Use: Area Municipality: MNR District: STUDY AREA CHARACTERIS			Town of Oakville (905) 815-2025 01-Apr-95 Developed Reg. Mun. of Halton Maple				
			STUDY	AREA CH	ARACT	ERIST	ICS•				
POPULAT	ION: 10000							SIZ	ZE (KM2):	3	
LANDUSE: % [DEVELOPED:	50	% AGRICU	JLTURAL:	50	%	OPEN:	0	% FOREST:	0	
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow water y	X X X X X X	Aquatic Life Wetland/Al Municipal \ Municipal S Stream Ch Waste Disp	NSIs Water Sewage annel/Buffer posal	r		Private Aggree	gates portation	nal Water nal Sewage	 X	
		DI AN	LCOMPLI	ETION AN	ID IMDI	EMEN	TATIONS				
STUDY STATUS: Digital Data Available?	completed	Impleme		itegy Prepar		X X	Monito	ring Strate	egy Prepared? erway?		
			FINANC	CIAL INFO	RMATIO	ON					
TOTAL COST: \$1 DATA INVENTORY PUBLIC CONSULT PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION:- ON/EVALUATIO IGS:-				Hydro Hydro Wate Aqua Strea Terre Mapp	ology/flo ogeology r Quality tic Resc m Morp strial Re	/:- burces:- hology:- esources:- a Managem		ysis:		
			STUD	Y PARTICI	IPATIOI	N					
# STEERING MEMI # TECHNICAL MEM		6			# PUBI		ISORY ME	MBERS:			
AGENCIES INVOLVED	:										
1831	UPPER X	HEALT	TH UNIT°	100	MOEE MTO		MAFR MMAH		MNDM MNR	×	
MUNICIPALITIES I	NVOLVED: R	tegional Muni	cipality of Halto	on, Town of Oa	ıkville						

# 21		ERAMO	SA RIVER W	ATERSH	ED STUD	1		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Joe Farwell (519) 621-276 01-Jan-94 Speed River Grand River West Central	31	Lead Age Fax: Completio Main Lan Area Mun MNR Dist	on Date: d Use: nicipality:	(519) 6: Agricult	un. of Halto	on	
		STUD	Y AREA CHA	RACTER	RISTICS•			
POPULAT	TON: 30000						0.22 (2).	300
LANDUSE: %	DEVELOPED:	5 % AGRI	CULTURAL:	50	% OPEN	10	% FOREST:	35
STUDY ISSUES: Surface Water - Flood Surface Water - Low I Surface Water - Storn Ground Water Quanti Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow nwater ty	Wetland Municipa Municipa	al Water al Sewage Channel/Buffer Disposal	IX IX IX IX IX IX IX IX IX IX IX IX IX I	Pı A Aç Tr Aç		munal Water munal Sewage on	
		DI AN COME	PLETION AND	IMDLE	AENTATIC	Ma		
STUDY STATUS: Digital Data Available?	ongoing	Implementation S Plan Being Impler	trategy Prepared	d?	☐ M		trategy Prepared? Inderway?	
		FINA	NCIAL INFOR	MATION				
DATA INVENTORY PUBLIC CONSULT PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE	ATION: ON/EVALUATION NGS: ENTS?: Bkgrd \$48,00	\$50 I: \$73 for Phase I Investion, Aquatic a		Hydrolog Hydroge Water Q Aquatic I Stream I Terrestric Mapping Other Co	uality: Resources: Morphology: al Resource: /Data Mana osts?	ion:	\$27,000.00 \$70,000.00 \$0.00 \$27,000.00 \$10,000.00 \$190,000.00	0 0 0 0 0
CONTRIBUTORS:	MNR: 50%; G	RCA general levy:	10%; Special be	nefit levy:	40%			
		STU	DY PARTICIP	ATION				
# STEERING MEM # TECHNICAL ME		30 7		# PUBLIC OTHER?	ADVISORY	MEMBER	S: 6	
AGENCIES INVOLVED	:							
CA PUBLIC N	UPPER X LOWER X	HEALTH UNIT					☐ MNDM ☐ MNR	X
MUNICIPALITIES		ellington County, Region slinch Twps.	nal Municipality of H	alton, City of	Guelph & Milto	n, Town of Ha	alton Hills, Erin, Eramos	a &

# 22	EX	HIBITION	CREEK E	NVIRONI	MENTA	L MAI	NAGEMEN	IT PLAN		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Les Arishenk (905) 477-70 01-Oct-93 Little Rouge F Metro Toront Central	on	Main La	ion Date: nd Use: nicipality	:	Town of Markham (905) 479-7766 01-May-94 Agricultural Reg. Mun. of York Maple				
			STUDY A	REA CH	ARACT	ERIST	TICS•			
POPULAT	ION: 10000							SIZ	ZE (KM2):	8
LANDUSE: % [DEVELOPED:	40 9	6 AGRICUL	TURAL:	45	%	OPEN:	5	% FOREST	: 10
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow water y	X N N N N N N N N N N N N N N N N N N N	Aquatic Life/F Vetland/ANS Junicipal Wa Junicipal Se Stream Chan Vaste Dispos	SIs ater wage inel/Buffer sal		X X X	Private Aggre	e/Commu gates portation	nal Water nal Sewage	
		•	·				IT A TION.			
STUDY STATUS: Digital Data Available?	completed	Implement	COMPLET tation Strateg Implemente	gy Prepare		EWEN X	Monito	oring Strat	tegy Prepared? erway?	
			FINANCIA	AL INFO	RMATIC	N				
TOTAL COST: \$50 DATA INVENTORY, PUBLIC CONSULT, PLAN FORMULATION REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION:- ON/EVALUATIOI GS:-				Hydro Hydro Water Aquat Strear Terres Mappi	logy/flogeologe Quality ic Reson Morp strial Re	y:- ources:- ohology:- esources:- ta Managem		lysis:	
,, o			STUDY F	PARTICI			"00			
# STEERING MEME # TECHNICAL MEM		10•			# PUBL OTHER		VISORY ME wo public m			
AGENCIES INVOLVED:										
(ES)	UPPER	HEALTH	HUNIT° [MOEE MTO		MAFR MMAF	100	MNDM MNR	X
MUNICIPALITIES II	NVOLVED: TO	own of Markhai	m							

# 23		FLE	TCHERS	CREEK S	UBWAT	ERSHE	ED PLAN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Carl Brawley (905) 874-20 01-Jun-92 Credit River Credit Valley Central	00		gency: etion Date: and Use: unicipality: istrict:	(§ : 0 D : R	City of Brampton (905) 874-2119 01-Feb-96 Developed Region of Peel Maple				
			STUDY	AREA CH	ARACTI	ERISTI	CS•			
POPULATION	ON: 20000							SIZ	E (KM2): 4	5
LANDUSE: % D	EVELOPED:	70	% AGRICI	ULTURAL:	15	% (OPEN: 1	0	% FOREST:	5
STUDY ISSUES: Surface Water - Floodin Surface Water - Low Fl Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	low water '	X X	Wetland/A Municipal ' Municipal '	Water Sewage nannel/Buffe posal	г	X X C		ates ortation	al Water al Sewage	
			-		ID IMPL		ATION			
STUDY STATUS: Digital Data Available?	completed	Implemer		ETION AN ategy Prepar ented?		EWEN I	Monitor	ing Strate	egy Prepared? rway?	×
			FINANC	CIAL INFO	RMATIC	N•				
TOTAL COST: \$18 DATA INVENTORY// PUBLIC CONSULTA PLAN FORMULATIO REPORTS/MEETING OTHER COMPONED CONTRIBUTORS:	ATION: DN/EVALUATIOI GS:	e I - \$62,00	\$46,00 \$48,00	00.00 00.00	Hydro Hydro Water Aquati Strear Terres Mappi	logy/floo geology: Quality: ic Resou m Morph strial Res	rces:-		\$30,000.00 \$24,000.00 \$4,000.00 \$8,000.00 \$15,000.00 \$3,000.00 \$0.00	
CONTRIBUTORS:	Development	interests								
			STUD	Y PARTIC	IPATION	1				
# STEERING MEMB # TECHNICAL MEM		15 8			# PUBL OTHER	-	SORY MEN	IBERS:	3	
AGENCIES INVOLVED:										
15.51	UPPER X LOWER X	HEALT	H UNIT°		MOEE MTO	X	MAFR <i>A</i> MMAH		MNDM MNR	X
MUNICIPALITIES IN	IVOLVED: C	ity of Brampto	ın, Mississauç	ga, Caledon						

# 24	F	OURTEE	N MILE/M	cCRANEY	CREE	(S WA	TERSHED	PLAN		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Bill Butler (905) 845-66 01-Jan-90 Lake Ontario Halton Regio Central	on Area Mun MNR Dist			etion Date and Use: unicipality	tion Date: 21-Dec-92 nd Use: Agricultural nicipality: Reg. Mun. strict: Maple				
			STUDY	AREA CH	ARACT	ERIST	ICS•			
POPULATI	ON: 50000							SIZ	E (KM2):	40
LANDUSE: % D	EVELOPED:	0	% AGRICI	ULTURAL:	95	%	OPEN:	0	% FOREST	5
STUDY ISSUES:										
Surface Water - Floodi		X		e/Fisheries		X		/Commun		
Surface Water - Low F		X	Wetland/A						al Sewage	
Surface Water - Storm Ground Water Quantity		×	Municipal \\ Municipal \(\)				Aggreg	ortation		
Surface Water Quality	/	X		sewage nannel/Buffe	r		Agricul			×
Ground Water Quality		X	Waste Dis		'	×	Agricui	ture		×
TRIGGER AND OTHER	ISSUES:		pment pressu							
		DI AI	L COMPL	ETION AN	ID IMDI		TATIONS			
	late d			ETION AN					D	
	completed		entation Stra	ategy Prepar	ed?	×		ring Strate ring Unde	egy Prepared?	Bernel,
Digital Data Available?		rian bei	ng impleme	enteu:		X	Mornito	iling Office	rway:	16
			FINANC	CIAL INFO	RMATIC	NC				
TOTAL COST: \$17	75,000.00				Break	down o	f Data Inven	tory/Analy	reie:	
DATA INVENTORY/	ANALYSIS:-						od/erosion:-	toi y/Ailaiy	313.	
PUBLIC CONSULTA					-	geology				
PLAN FORMULATION	ON/EVALUATIO	N:-			-	r Quality				
REPORTS/MEETIN	GS:-					tic Reso				
OTHER COMPONE	NTS?:-				Strea	m Morpl	nology:-			
							sources:-			
							a Manageme	ent:-		
					Other	Costs?	-			
CONTRIBUTORS:	Town of Oak	villa - 100%	/ _							
CONTRIBUTORS.	10WIT OF Oak	VIIIE - 1007	0-							
			STUD	Y PARTIC	IPATION	N .				
# STEERING MEME	BERS:	6•			# PUBL	IC ADV	ISORY MEN	MBERS:	0	
# TECHNICAL MEM		0•			OTHER	_			-	
AGENCIES INVOLVED:										
152	UPPER 🔀	HEAL	TH UNIT	100	MOEE	×	MAFR	-	MNDM	
PUBLIC 🔀	LOWER 🔀				МТО	X	MMAH		MNR	X
OTHER:										
MUNICIPALITIES IN	NVOLVED: F	Regional Muni	cipality of Halte	on, Town of Oa	akville					

# 25	FOURTE	EN MILE	/TAPLOW	//McCRAN	IEY CRE	EKS SL	JBWATER	SHED F	LAN		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Bill Butler (905) 845-66 01-Jan-93 Lake Ontario Halton Regio Central	20	Fax: (Completion Date: (Main Land Use: Area Municipality: I				Town of Oakville (905) 815-2025 01-Dec-95 Agricultural Reg. Mun. of Halton Maple				
			STUDY	AREA CH	IARACTI	ERISTIC	;S•				
POPULATI	ON: 30000							SIZE	(KM2): 2	25	
LANDUSE: % D	EVELOPED:	0	% AGRICI	ULTURAL:	90	% O	PEN: 0		% FOREST:	10	
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	low water /	X X X X Develop	Wetland/A Municipal Municipal S	Water Sewage nannel/Buffe posal	r			tes tation	al Water al Sewage		
		DI AI	N COMPI	ETION AN	ID IMDI I	EMENT	ATION:				
STUDY STATUS: Digital Data Available?	completed	Impleme		ategy Prepai		X	Monitorir	ng Strateong Underv	gy Prepared? way?		
TOTAL COST: \$80 DATA INVENTORY/ PUBLIC CONSULTA PLAN FORMULATIO REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION:- DN/EVALUATIOI GS:-		FINANC	CIAL INFO	Breake Hydro Hydro Water Aquati Strear Terres Mappi	down of I logy/flood geology:- Quality:- ic Resour m Morpho	ces:- ology:-		iis:		
			STUD	Y PARTIC	IPATION	I					
# STEERING MEME # TECHNICAL MEN		6•			# PUBL OTHER		SORY MEMI	BERS:			
AGENCIES INVOLVED:											
[E22]	UPPER X LOWER X	HEAL	TH UNIT		MOEE MTO		MAFRA MMAH		MNDM MNR	X	
MUNICIPALITIES IN	NVOLVED: R	egion of Halt	on, Town of O	akville							

# 26	FRENCE	HMAN'S CREEK V	VATERSHED	MANAG	EMENT P	LAN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Kathy Menyes (905) 227-1013 ext. 01-Jan-92 Upper Niagara River Niagara Peninsula West Central	232 Fa Co r Ma Ar	Lead Agency: Fax: Completion Date: Main Land Use: Area Municipality: MNR District: STUDY AREA CHARACTERIS			Friends of Fort Erie's Creeks (905) 227-2998 Agricultural Region of Niagara Cambridge			
		STUDY AREA	CHARACTE	RISTIC	S•				
POPULATI	ION:					SIZE ((KM2): 16	5	
LANDUSE: % D	DEVELOPED: 2	% AGRICULTUR	AL: 75	% OF	PEN: 0	9	% FOREST:	23	
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	water x	Aquatic Life/Fishe Wetland/ANSIs Municipal Water Municipal Sewag Stream Channel/ Waste Disposal	e Buffer	X X X	Private/Co Private/Co Aggregate Transporta Agriculture	ommunal es ation		X X X X	
THIOGEN AND OTHER									
STUDY STATUS: Digital Data Available?	ongoing Imple	AN COMPLETION ementation Strategy P Being Implemented?		MENTA			/ Prepared? ay?		
		FINANCIAL I	NFORMATIO	N					
DATA INVENTORY/ PUBLIC CONSULTA PLAN FORMULATIO REPORTS/MEETIN OTHER COMPONE	ATION: ON/EVALUATION: GS:	\$144,300.00 \$24,638.00 \$47,500.00 \$63,000.00	Hydrold Hydrog Water Aquatid Stream Terrest	ogy/flood/ geology: Quality: c Resourc n Morphol trial Resoung/Data M	ces: ogy:		\$: \$46,100.00 \$15,000.00 \$15,700.00 \$50,000.00 \$0.00 \$15,000.00 \$2,500.00		
CONTRIBUTORS:°		Creeks: \$160,000, fui agara: \$17,600, equip							
		STUDY PAR	RTICIPATION						
# STEERING MEME # TECHNICAL MEN			# PUBLION OTHER?		ORY MEMBI	ERS:			
AGENCIES INVOLVED:									
PUBLIC 🔀	UPPER X HE. LOWER X f Fort Erie's Creeks, New York	ALTH UNIT	MOEE MTO iagara River RAPP	Public Advis	MAFRA MMAH sory Committee		MNDM MNR	×	
MUNICIPALITIES IN	NVOLVED: Region of	Niagara, Town of Fort Erie							

# 27		GL	EN OAK	CREEK S	UBWAT	ERSHE	D PLAN				
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Bill Butler (905) 845-66 01-Apr-92 Taplow/McCr Halton Regio Central	aney Cree	Completion Date:			(9 : 3 D : R	Town of Oakville (905) 815-2025 31-Dec-93 Developed Region of Halton Maple				
			STUDY	AREA CH	IARACT	ERISTIC	CS•				
POPULATI	ON: 10000							SIZE	E (KM2): 1	6	
LANDUSE: % D	EVELOPED:	45	% AGRICI	ULTURAL:	20	% (PEN: 3	35	% FOREST:	0	
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	rlow water y	X X X	Wetland/A Municipal Municipal	Water Sewage nannel/Buffe posal	er			ates ortation	al Water al Sewage	E E	
		DI AA	I COMPI	ETION AI	ID IMDI	EMENIT	ATIONA				
STUDY STATUS: Digital Data Available?	completed	Impleme		ategy Prepa		X X	Monitor	ring Strate ring Under	gy Prepared? way?		
			FINANC	CIAL INFO	RMATIC	ON					
TOTAL COST: \$10 DATA INVENTORY/ PUBLIC CONSULTA PLAN FORMULATIO REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION:- ON/EVALUATIOI GS:-				Hydro Hydro Water Aquat Strear Terres Mapp	logy/floo geology: Quality: ic Resou m Morphe strial Res	rces:- ology:-		sis:		
			STUD	Y PARTIC	IPATION	J					
# STEERING MEME # TECHNICAL MEM		6	0102	TTAKIIO		IC ADVI	SORY MEN	MBERS:			
AGENCIES INVOLVED:											
15.51	UPPER	HEALT	H UNIT°		MOEE MTO	X	MAFR <i>I</i> MMAH		MNDM MNR	X	
MUNICIPALITIES IN	NVOLVED: To	own of Oakvil	le								

# 28				GF	RAND RIVE	ER STR	ATEG'	Υ			
KEY CONTACT: Phone: Initiation Date: Receiving Streace CA Involved: MOEE Region:	(51) 01-3 am: Gra Gra	ie Minsh 9) 621-23 Sep-94 nd River nd River st Centra	761 to Lake E	rie	Fax: Comple Main L	agency: etion Date and Use: lunicipality District:		Grand River CA (519) 621-4844 Agricultural City of Cambride Cambridge			
				STUDY	Y AREA CH	HARACT	ERIS	TICS•			
РО	PULATION:	670000							SIZE	(KM2): 6	800
LANDUSE:	% DEVELO	PED:	3	% AGRIC	CULTURAL:	78	9	6 OPEN:		% FOREST:	19
STUDY ISSUES Surface Water Surface Water Surface Water Ground Water Surface Water Ground Water TRIGGER AND	- Flooding - Low Flow - Stormwater Quantity Quality Quality	S:	X X X X X Design	Wetland// Municipal Municipal Stream C Waste Di	ll Water Il Sewage Channel/Buffe isposal		X X X X pacity to	Private/Co Private/Co Aggregate Transporta Agriculture	ommunal es ation	Sewage	X X X X Durces.
STUDY STATUS Digital Data Ava	_	g	Implem		LETION AI rategy Prepa nented?					y Prepared? /ay?	
				FINAN	ICIAL INFO	ORMATIO	ON				
PUBLIC COI PLAN FORM REPORTS/M	NTORY/ANALY NSULTATION: IULATION/EV/ MEETINGS:- MPONENTS?:-	ALUATIO	N:-			Hydro Hydro Wate Aqua Strea Terre Mapp	ology/floogeolog r Qualitic Res Im Morp strial R	ty:- ources:- phology:- esources:- ta Management:		is:	
CONTRIBUT	ORS: GRO	CA, Mun,	Prov, Fed	ł, communi	ity, educatior	nal institut	ions, la	ndowners.			
				STUE	OY PARTIC	IPATIO	N				
	S MEMBERS: AL MEMBERS:		46 139			# PUBI OTHER		VISORY MEMBI	ERS:	0	
AGENCIES INV	OLVED:										
PUBLIC	UPPER LOWER University of Water Canada, Ministry of	R X	sity of Guelp					MAFRA MMAH stitute, Land Trusts, P	X Vublic Utilitie	MNDM MNR es, Environment	×
	aaa, miinaay o		- 2	, C. Cilizon		20					
MUNICIPAL	ITIES INVOLV	ED: 5	55 Municipali	ties, 11 Regio	ons and Counties	S.					

# 29			HANLON	CREEK V	VATERS	SHED	PLAN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	James Etienr (519) 837-56 01-Jun-90 Hanlon Creel Grand River West Central	04		Main La	tion Date ind Use: unicipality		City of Guel (519) 837-5 01-Apr-94 Agricultural Wellington Cambridge	6635		
			STUDY	AREA CH	ARACT	ERIST	TICS•			
POPULAT	TON: 6000							SIZ	ZE (KM2): 1	7
LANDUSE: %	DEVELOPED:	30	% AGRICI	ULTURAL:	55	%	OPEN:	15	% FOREST:	0
STUDY ISSUES: Surface Water - Flood Surface Water - Low I Surface Water - Storm Ground Water Quality Ground Water Quality TRIGGER AND OTHER	Flow nwater ty	X X X X	Wetland/A Municipal Municipal S	Water Sewage nannel/Buffe posal	r	X X X	Private Aggre	e/Commu gates portation	nal Water nal Sewage	
TRIGGER AND OTHER	(1330L3.									
STUDY STATUS: Digital Data Available?	completed	Impleme	entation Stra ing Impleme		ed?	X	Monito	oring Strat	regy Prepared? erway?	×
TOTAL COST.			FINANC	CIAL INFO	RMATIC	ON•				
TOTAL COST: \$8 DATA INVENTORY PUBLIC CONSULT PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE	ATION: ON/EVALUATIOI NGS:	N:	\$617,00 \$36,00 \$120,00 \$123,00	00.00 00.00	Hydro Hydro Water Aquat Strear Terres Mapp	ology/floogeolog r Qualit tic Resom Morp strial Ro	y: ources: ohology: esources: a Managem		\$99,000.00 \$316,000.00 \$57,000.00 \$65,000.00 \$0.00 \$80,000.00	
CONTRIBUTORS:	CA: 10%, Mu	nicipal: 90	9%							
			STUD	Y PARTICI	PATION	/•				
# STEERING MEM # TECHNICAL MEN	_	12			# PUBL		VISORY ME	MBERS:		
AGENCIES INVOLVED	:									
PUBLIC X OTHER: Universit	LOWER X ty of Guelph, Interest g		TH UNIT	100	MOEE MTO	×	MAFR MMAF		MNDM MNR	X
MUNICIPALITIES I	NVOLVED: W	ellington Co	unty, City of G	uelph, Twp. of I	Puslinch					

# 30		ŀ	HARMON'	Y CREEK	WATER	RSHE	D PLAN							
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	ne: (905) 579-0411 ation Date: 01-Jan-94 eiving Stream: Lake Ontario nvolved: Central Lake Ontario				Lead Agency: Fax: Completion Date: Main Land Use: Area Municipality: MNR District: STUDY AREA CHARACTERIS					Central Lake Ont. CA (905) 579-0994 Developed Reg. Mun. of Durham Maple				
			STUDY	AREA CH	IARACT	ERIS	STICS•							
POPULAT	ION:								SIZE	(KM2):				
LANDUSE: % [DEVELOPED:	40	% AGRICI	ULTURAL:	30	1	% OPEN:	20	•	% FOREST:	10			
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow water y	X X X X X	Wetland/A Municipal Municipal	Water Sewage nannel/Buffe posal	er	Private/Communal Water Private/Communal Sewage Aggregates Transportation Agriculture								
								_						
STUDY STATUS: Digital Data Available?	ongoing	Impleme		ETION AI ategy Prepa ented?		EME.	Mor	nitoring	Strategy Underw	y Prepared? vay?				
			FINANC	CIAL INFO	RMATIO	NC								
DATA INVENTORY, PUBLIC CONSULT, PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:-	ATION:- ON/EVALUATIO IGS:-	N:-			Hydro Hydro Wate Aqua Strea Terre Mapp	ology/fogeology r Qual tic Res m Mos strial F	ity:- sources:- rphology:- Resources:- ata Manage	n:-		is:				
			STUD	Y PARTIC	IDATIO	<u> </u>								
# STEERING MEMI # TECHNICAL MEM		10• 0•	5100	TIANTIC		LIC AE	OVISORY N	MEMBE	RS:	0				
AGENCIES INVOLVED	:													
[E2]	UPPER X	HEALT	TH UNIT°		MOEE MTO	X	MAI MM			MNDM MNR	X			
MUNICIPALITIES II	NVOLVED: R	egional Muni	cipality of Durl	ham, City of O	shawa									

# 31		HARF	PER CREE	K WATE	RSHED I	PLANNI	NG STU	DY		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	John Merriar (705) 745-57 01-Sep-95 Otonabee Ri Otonabee Re Eastern	791 Fax: Completion iver Main Land				(7): D V: C	otonabee R 705) 745-7 reveloped ity of Pete weed	488		
			STUDY	AREA CH	HARACT	ERISTI	cs•			
POPULAT	TON: 10000							SI	ZE (KM2):	3
LANDUSE: %	DEVELOPED:	20	% AGRICI	ULTURAL:	5	% (OPEN:	60	% FOREST:	15
STUDY ISSUES: Surface Water - Flood Surface Water - Low I Surface Water - Storn Ground Water Quanti Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow nwater ty	X X X X	Wetland/A Municipal Municipal	Water Sewage nannel/Buffe posal		X X X	Private Aggre	e/Commu gates portation	ınal Water ınal Sewage	
		DI AI	N COMPL	ETION A	ID IMBI	-M-NIT	ATION			
STUDY STATUS: Digital Data Available?	ongoing	Impleme	N COMPL entation Stra ing Impleme	ategy Prepa			Monito	oring Stra	itegy Prepared? lerway?	
			FINAN	CIAL INFO	RMATIC	ON•				
DATA INVENTORY PUBLIC CONSULT PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE	ATION: ON/EVALUATIO IGS:	N:	\$10,00	00.00	Hydro Hydro Wate Aqua Strea Terre Mapp	ology/floo ogeology: r Quality: tic Resou m Morph strial Res	- irces:- ology:-		\$18,000.00 \$13,000.00 \$3,000.00 \$2,000.00 \$0.00 \$4,000.00))))
CONTRIBUTORS:	City of Peterb	orough - ′	100%							
			STUD	Y PARTIC	IPATION	N				
# STEERING MEM # TECHNICAL MEN		8 8			# PUBL		SORY ME	MBERS:	2	
AGENCIES INVOLVED	:									
CA PUBLIC NOTHER:	UPPER LOWER	HEAL	TH UNIT°		MOEE MTO		MAFR MMAF		MNDM MNR	X
MUNICIPALITIES I	NVOLVED: C	City of Peterbo	orough.							

# 32			HUMBE	R WATER	SHED S	STRAT	EGY			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Madelyn Wel (416) 661-66 01-Jan-95 Lake Ontario Metro Toront Central	00 ext. 33		Main La	etion Date and Use: unicipality); /: I	Metro Toronto and Region (416) 661-6898 Agricultural Reg. Mun. of Metro Toronto Southern			
			STUDY	AREA CH	ARACT	ERIST	ICS•			
POPULATION	ON: 500000							SIZI	E (KM2):	908
LANDUSE: % D	EVELOPED:	35	% AGRICU	JLTURAL:	46	%	OPEN:	4	% FOREST:	15
STUDY ISSUES:										
Surface Water - Flooding	-	X	Aquatic Life			X		/Commun		
Surface Water - Low FI		×	Wetland/Al			×			al Sewage	
Surface Water - Stormy		×	Municipal V			33	Aggreg			×
Ground Water Quantity Surface Water Quality		×	Municipal S Stream Cha	•			Agricul	ortation		
Ground Water Quality		X	Waste Disp		ı	×	Agricui	luie		×
TRIGGER AND OTHER	ISSUES:		_		ion; GTA d		ent pressure; l	ESA.		
							•			
		PLAN	N COMPLE	ETION AN	ID IMPL	.EMEN	TATION•			
STUDY STATUS:	ongoing		ntation Strat		red?	11.5		-	gy Prepared?	
Digital Data Available?	X	Plan Bei	ng Impleme	nted?		X	Monito	ring Unde	rway?	
			FINANC	IAL INFO	RMATIC	ON				
TOTAL COST: \$60	0,000.00						CB-rate to the			
			¢475.00	0.00			f Data Invent	tory/Analy		n
DATA INVENTORY/ PUBLIC CONSULTA			\$475,00 \$30,00		-	ogeology	od/erosion:		\$50,000.00 \$30,000.00	
PLAN FORMULATION		N:	\$20,00		-	r Quality			\$50,000.00	
REPORTS/MEETING			\$40,00			tic Reso			\$30,000.00	
OTHER COMPONE		00	. ,			m Morp			\$30,000.00	
					Terre	strial Re	sources:		\$30,000.00	D
					Марр	ing/Data	a Manageme	ent:	\$50,000.00	0
					Other	Costs?	Cultural her Economic \$		K, recreation \$55.	.0K,
CONTRIBUTORS:	M.T.R.C.A., N	/lunicipaliti	es, Consum	iers Gas, G	reat Lake	s Clean	Up Fund, E	conomic C	Cultural Heritaç	je.
			STUDY	/ PARTIC	IPATION	J				
# STEERING MEMB	ERS:	44	51051	ANTIO			ISORY MEN	IREDS:	19	
# TECHNICAL MEM		9			OTHER		IOOKT WEN	ADERO.	13	
AGENCIES INVOLVED:										
CA 💌 l	JPPER 🗷	HEALT	TH UNIT		MOEE	×	MAFRA	X	MNDM	
	OWER 🔀				МТО		MMAH	X	MNR	×
(E.E.)	onto RAP, Environme	ent Canada N	MCRR. NEC. S	Save the Oak F	Ridges Mora		A, UDI. Waterfro		ation Trust. Action	
	Clean Humber, Blac									
MUNICIPALITIES IN			oronto, York, N Mono Twps, Tw			k, Vaugha	n, King, Richmo	nd Hill, Peel	, Caledon, Brampt	ton,

# 33		JOCK RIVER V	VATERSHED	MANAGE	MENT STUDY			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Lynn Preston (613) 692-3571 20-Apr-94 Rideau River Rideau Valley Eastern		Lead Ager Fax: Completion Main Land Area Muni MNR Distr	n Date: d Use: icipality:	Rideau Valley C. (613) 692-0831 Agricultural Reg. Mun. of Ot Kemptville			
		STUDY	AREA CHAF	RACTERIS	TICS•			
POPULAT	ION: 30000					SIZE (KM2): 55	59	
LANDUSE: % [DEVELOPED:	10 % AGRIC	CULTURAL:	40 9	% OPEN: 18	% FOREST:	32	
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow Character C	Wetland/A Municipal Municipal Stream C	Water Sewage hannel/Buffer sposal			ation		
		PLAN COMPL	ETION AND	IMDI EME	NT A TIONA			
STUDY STATUS: Digital Data Available?		mplementation Str Plan Being Implem	ategy Prepared		Monitoring	Strategy Prepared? Underway?		
		FINAN	CIAL INFOR	MATION•				
DATA INVENTORY. PUBLIC CONSULT. PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE	ATION: ON/EVALUATION: IGS:	\$7,0 \$30,0	000.00 000.00 000.00 000.00	Hydrology/fl Hydrogeolog Water Quali Aquatic Res Stream Mor Terrestrial R	ity:- sources:- rphology:- Resources:- ata Management:-	\$20,000.00 \$9,000.00 \$10,000.00 \$12,500.00 \$0.00		
CONTRIBUTORS:	MNR Transfer 5	50%, RVCA 50%						
		STUD	Y PARTICIPA	ATION				
# STEERING MEMI # TECHNICAL MEN		7 5			OVISORY MEMBE Public mailing list			
AGENCIES INVOLVED	:							
1831	UPPER KILLINGER KILLINGER KILLINGER	HEALTH UNIT°	☐ MC MT	OEE K	MAFRA MMAH	MNDM MNR	X	
MUNICIPALITIES II	NVOLVED:° Lana Twp:		vp., Montague Twp.	., Reg. Mun. of C	Ottawa-Carleton, Goult	bourn, Rideau, Kanata, Nep	ean	

# 34			JOSHUA'	S CREEK	WATER	SHED	PLAN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Lead Age Fax: Completic Main Lan Area Mur MNR Dist			etion Date and Use: unicipality	(905) 815-2025 tion Date: 01-May-92 nd Use: Developed inicipality: Reg. Mun. of Ha strict: Cambridge					
			STUDY	AREA CH	IARACT	ERISTI	CS•			
POPULATION	ON: 25000							SIZ	E (KM2): 2	22
LANDUSE: % D	EVELOPED:	50	% AGRICU	ULTURAL:	20	% (OPEN: 3	0	% FOREST:	0
STUDY ISSUES: Surface Water - Floodir Surface Water - Low Fl Surface Water - Stormy Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	ow vater	X X X X Loss of	Wetland/A Municipal Municipal Stream Ch Waste Dis	Water Sewage nannel/Buffe		X C X cessure.		ates ortation	al Water al Sewage	
		DI A	I COMPI	ETION AN	ID IMBI	EMENIT	ATIONA			
STUDY STATUS: Digital Data Available?	completed	Impleme		ategy Prepa		X X	Monitor	ing Strate ing Unde	egy Prepared? rway?	X
			FINANC	CIAL INFO	RMATIC	ON•				
TOTAL COST: \$13 DATA INVENTORY// PUBLIC CONSULTA PLAN FORMULATIC REPORTS/MEETING OTHER COMPONEN CONTRIBUTORS:	TION: DN/EVALUATIOI GS:		\$85,00 \$15,00 \$15,00 \$20,00	00.00 00.00	Hydro Hydro Water Aquat Streat Terres Mappi	ology/floo ogeology: · Quality: ·ic Resou m Morph ostrial Res	- irces:- ology:-		\$40,000.00 \$5,000.00 \$10,000.00 \$5,000.00 \$20,000.00 \$5,000.00)))
			STUD	Y PARTIC	IPATION	1				
# STEERING MEMB # TECHNICAL MEMI		5			# PUBL OTHER		SORY MEM	IBERS:		
AGENCIES INVOLVED:										
15.5	JPPER K	HEAL	ΓΗ UNIT	and the second	MOEE MTO	X	MAFRA MMAH		MNDM MNR	X
MUNICIPALITIES IN	IVOLVED: R	egional Muni	cipality of Halt	on, Town of Oa	akville, City o	of Mississau	uga			

# 35		KEMPTVIL	LE CREEK	WATERS	SHED PL	AN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Lynn Preston (613) 692-3571 01-Jan-93 Rideau River Rideau Valley Eastern		Lead Ago Fax: Completi Main Lar Area Mui MNR Dis	ion Date: nd Use: nicipality:	(613) Agricu	of Kemptv			
		STUDY	AREA CHA	ARACTE	RISTICS•				
POPULAT							SIZE (•	
	DEVELOPED:	1 % AGRIC	ULTURAL:	50	% OPE	N: 7	9	% FOREST:	42
STUDY ISSUES: Surface Water - Flood Surface Water - Low I Surface Water - Storn Ground Water Quanti Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow X nwater X	Wetland/A Municipal Municipal Stream Cl	Water Sewage hannel/Buffer sposal	Eng for future		Private/Co Private/Co Aggregate Fransporta Agriculture	mmunal s tion		
		PLAN COMPL	ETION ANI) IMDLE	MENITATI	ONe			
STUDY STATUS: Digital Data Available?		mplementation Stra Plan Being Impleme	ategy Prepare	ed?		_		/ Prepared? ay?	
		FINAN	CIAL INFOR	RMATION	 •				
DATA INVENTORY PUBLIC CONSULT PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE	ATION: ON/EVALUATION: IGS:	\$60,0 \$10,0 \$20,0 \$24,0 - \$187,000	00.00 00.00	Hydrolog Hydroge Water Q Aquatic Stream I Terrestri	uality:- Resources Morpholog al Resourc J/Data Man	es:-		\$17,500.00 \$13,000.00 \$9,500.00 \$6,000.00 \$0.00 \$6,000.00 \$8,000.00	
CONTRIBUTORS:	RVCA/Member	Municipality: 100%)						
		STUD	Y PARTICIF	PATION					
# STEERING MEM # TECHNICAL MEN				# PUBLIC OTHER?	ADVISOR Public n	Y MEMBE nailing list			
AGENCIES INVOLVED	:								
CA PUBLIC OTHER:	UPPER X LOWER X	HEALTH UNIT°		_	2.5	MAFRA MMAH	X	MNDM MNR	X
MUNICIPALITIES I	NVOLVED:° Town	n of Kemptville, Twps. c er.	of Elizabethtown,	Oxford-on-Ric	deau, Wolford	, Augusta, Ki	ley, Rear c	of Yonge & Escot	, South

# 36	KETT	LE CRE	EK TRIBI	UTARY BI	LOCK 3	SUBW	ATERSHE	D PLA	N	
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	John Dewancl (519)631-1680 01-Nov-92 Kettle Creek Kettle Creek SouthWestern	0	Fax: Completion Date: Main Land Use: Area Municipality: MNR District:			: Agricultural				
			STUDY	AREA CH	ARACT	ERISTI	CS•			
POPULATI	ION: 100							SIZ	ZE (KM2): 7	
LANDUSE: % [DEVELOPED:	5	% AGRICU	JLTURAL:	79	%	OPEN:	0	% FOREST:	16
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow water y	X X X	Aquatic Life Wetland/Al Municipal \(\) Municipal \(\) Stream Ch Waste Disp ment pressu	NSIs Water Sewage annel/Buffe posal	r		Private, Aggreg	/Commur ates ortation	nal Water nal Sewage	
			•		ID IMPI		FATION			
STUDY STATUS: Digital Data Available?	completed	Implemen		etegy Preparented?		EMEN X	Monito	ring Stratering Unde	egy Prepared? erway?	
			FINANC	CIAL INFO	RMATIC	ON•				
DATA INVENTORY/ PUBLIC CONSULT/ PLAN FORMULATION REPORTS/MEETIN OTHER COMPONE	ATION: ON/EVALUATION GS: :NTS?:		\$10,00 \$10,00	0.00 0.00	Hydro Hydro Water Aquat Stread Terres Mappi	ology/floo ogeology Quality: ic Resou m Morph strial Res	:- urces:- nology:- sources:- Manageme		ysis: \$22,000.00 \$0.00 \$2,000.00 \$1,000.00 \$0.00 \$5,000.00 \$0.00	
CONTRIBUTORS:	City of St. Tho	mas - 100	%							
			STUDY	/ PARTIC	IPATION	1				
# STEERING MEME # TECHNICAL MEM	MBERS:	6 6			# PUBL OTHER	-	ISORY MEN	MBERS:	0	
AGENCIES INVOLVED:	LIDDED		LLLINIT		MOEE		MAED		MNDM	
PUBLIC	UPPER X LOWER X	ΠEALI	H UNIT		MOEE MTO	X	MAFR/ MMAH		MNDM MNR	×
MUNICIPALITIES II	NVOLVED: City	y of St. Thor	nas, Township	o of Yarmouth						

# 37	KET	TLE CRE	EK/UPPE	R DODDS	CREEK	SUBW	/ATERSH	ED PLA	N	
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Ron Standis (519) 661-49 01-Jun-93 Lake Erie Kettle Creek SouthWeste	978	Lead Agency: Fax: Completion Date: Main Land Use: Area Municipality: MNR District: STUDY AREA CHARACTER			Agricultural City of London Alymer				
			STUDY	AREA CH	IARACT	ERISTI	CS•			
POPULAT	ION:							SIZ	E (KM2): 1	54
LANDUSE: % [DEVELOPED:	10	% AGRIC	ULTURAL:	80	% (OPEN:	0	% FOREST:	10
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow nwater y		Wetland/A Municipal Municipal	Water Sewage hannel/Buffe	er	X X X		ates ortation	al Water al Sewage	
		DI AI	L COMPI	ETION AN	ID IMPL	FMENIT	ATION			
STUDY STATUS: Digital Data Available?	completed	Impleme		LETION AN ategy Prepa ented?		EMEN I	Monitor	ing Strate	egy Prepared? rway?	
			FINAN	CIAL INFO	RMATIC	ON•				
TOTAL COST: \$1! DATA INVENTORY PUBLIC CONSULT. PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION: ON/EVALUATIO IGS:		\$82,5 \$18,0 \$77,0 \$20,0	00.00 00.00	Hydro Hydro Water Aquat Streal Terres Mapp	ology/floo ogeology: Quality: ic Resou m Morph strial Res	- ology:- sources:- Manageme Aquatic and	nt:- I Terrestrial	\$22,000.00 \$11,250.00 \$21,000.00 \$0.00 \$8,250.00 \$0.00 \$20,000.00 Resources work do:	one as a
	on, or 2011									
			STUD	Y PARTIC	IPATION	1				
# STEERING MEMI # TECHNICAL MEN	MBERS:	0 20			# PUBL OTHER	_	SORY MEN	MBERS:	0	
CA R		LIE ALS	TI I I I I I I I I I I I I I I I I I I		MOEE		MACE		BANIFS A	
PUBLIC X	LOWER NOTE: Development Institute,		TH UNIT n - Environme	123	MOEE MTO ral Planning A	Advisory Co	MAFRA MMAH ommittee, Agri		MNDM MNR sory Committee.	×
MUNICIPALITIES I	NVOLVED:	City of Londor	, Twps. of De	laware, North D	Oumfries.					

# 38	L	AKE NOS	BONSIN	G WATER	SHED	MANA	SEMENT	PLAN		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Bill Beckett (705) 474-54 01-Jan-91 Lake Nosbor North Bay-M Northern	nsing	Lead Agen Fax: Completion Main Land Area Munio MNR Distri			() : 1 C : N	lorth Bay-N 705) 474-9 5-Jan-93 Open lipissing Di lorth Bay	793	A	
			STUDY /	AREA CH	ARACT	ERISTI	CS•			
POPULAT	ΓΙΟΝ: 5965							SIZ	E (KM2):	146
LANDUSE: %	DEVELOPED:	0 9	% AGRICU	LTURAL:	10	%	OPEN:	90	% FOREST	: 0
STUDY ISSUES: Surface Water - Flood Surface Water - Low Surface Water - Storr Ground Water Quality Ground Water Quality TRIGGER AND OTHER	Flow nwater tty /		Aquatic Life Wetland/AN Municipal W Municipal S Stream Cha Waste Disp e manageme	NSIs Vater Sewage annel/Buffer oosal		X X	Private Aggre	gates portation	nal Water nal Sewage	
					D IMPL		FATIONS			
STUDY STATUS: Digital Data Available	completed	Implemen		egy Preparented?		EWEN X	Monito	oring Strate oring Unde	egy Prepared? erway?	? x
			FINANC	IAL INFO	RMATIC	ON				
DATA INVENTORY PUBLIC CONSULT PLAN FORMULAT REPORTS/MEETII OTHER COMPON	TATION:- ION/EVALUATIO NGS:-		√wp: 15%,	Bonfield Tv	Hydro Hydro Water Aquat Strean Terres Mapp Other	ology/floo ogeology Quality: ic Resor m Morph strial Res ing/Data Costs?-	urces:- nology:- sources:- Managem		ysis:	
			etuby	DARTICI	DATION					
# STEERING MEM # TECHNICAL MEI		13 15	SIUUY	PARTICI		IC ADV	SORY ME	MBERS:	10	
AGENCIES INVOLVED):									
CA PUBLIC X OTHER:	UPPER LOWER	HEALTH	l UNIT°		MOEE MTO	X	MAFR MMAH		MNDM MNR	X
MUNICIPALITIES	INVOLVED: B	Bonfield, East Fe	erris, Chisholı	m, Boutler Twp	s.					

# 39		LAKE	HEAD REG	ION WA	TERSHE	D STRA	TEGY			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Mervi Henttor (807) 344-58: 01-Jan-91 Lake Superio Lakehead Re Northern	57 r	Fax: Completion Da Main Land Use			(807) 01-Ja Fores City o		i		
		5	STUDY AR	EA CHAI	RACTER	RISTICS•				
POPULAT LANDUSE: % r		4.0				°′ 655		SIZE (K	/.	2700
STUDY ISSUES:	DEVELOPED:	10 %	AGRICULT	URAL:	15	% OPE	N: 25	%	FOREST:	50
Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow water y	W Mu Mu St	quatic Life/Fi etland/ANSI unicipal Wat unicipal Sew ream Chann aste Disposi	ls ter vage nel/Buffer	X X C X C			ation		
		PI AN C	OMPLETI	ION AND	IMDI EN	//ENTAT	ION•			
STUDY STATUS: Digital Data Available?	completed	Implementa	ition Strateg	y Prepared	?	×	Monitoring	g Strategy g Underwa	Prepared? y?	X
		ı	FINANCIA	L INFORI	MATION	•				
TOTAL COST: \$1 DATA INVENTORY PUBLIC CONSULT. PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION: ON/EVALUATION GS:		\$35,000.00 \$13,000.00 \$27,000.00 \$28,000.00	0 0	Hydrolog Hydroge Water Q Aquatic Stream I Terrestri	gy/flood/er cology:- uality:- Resources Morpholog al Resourc l/Data Mar	osion:- s:- y:- ces:-	y/Analysis.	:	
	. rovincial co	70, Mamorpal	1000 1070							
			STUDY P							
# STEERING MEMI # TECHNICAL MEN		15 3			PUBLIC OTHER?°		rkshops v		4 x. 50 invitat	ions;
AGENCIES INVOLVED	:					one pui	olic mtg.			
PUBLIC 🔀	UPPER LOWER For the sen groups/clubs/busin	HEALTH ness.	UNIT 🔀	MC MT	OEE O	100	MAFRA MMAH	X	MNDM MNR	X
MUNICIPALITIES I		ty of Thunder Ba		oonge, Twp c	of Neebing,	O'Conner, Co	onmee, Shun	iah, Dorian, (Oliver, Gillies a	nd

# 40		L	AUREL CR	EEK SUB	WATER	SHED	#309/313				
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Brian Trushin (519) 747-87 01-Jun-92 Clair Creek Grand River West Central	08		Main L	etion Date and Use: lunicipality	e: Agricultural					
			STUDY	AREA CH	IARACT	ERIST	ICS•				
POPULATI	ON: 50							SI	ZE (KM2):	6	
LANDUSE: % [EVELOPED:	10	% AGRIC	ULTURAL:	50	%	OPEN:	15	% FOREST	25	
STUDY ISSUES:											
Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality	Tlow water y	X X X X	Wetland/A Municipal Municipal Stream Ch Waste Dis	Water Sewage nannel/Buffe sposal			Private Aggre Trans Agricu	e/Commu gates portation ilture	ınal Water ınal Sewage		
TRIGGER AND OTHER	ISSUES:	Linkag	es and corrido	ors, terrestrial	l woodlands	s, develo	pment pressu	ires.			
		PLA	N COMPL	ETION A	ND IMPL	EMEN	TATION•				
STUDY STATUS: Digital Data Available?	completed		entation Stra		red?	X		oring Stra oring Und	itegy Prepared? lerway?	X X	
			FINANG	CIAL INFO	RMATIC	ON•					
TOTAL COST: \$17 DATA INVENTORY/ PUBLIC CONSULT/ PLAN FORMULATIO REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION: ON/EVALUATIOI GS:		\$61,2! \$17,50 \$70,00 \$26,2! wn money	00.00 00.00	Hydro Hydro Water Aquat Strea Terres Mapp	ology/floogeology r Quality tic Reso m Morp strial Re	/:- burces:- hology:- esources:- a Managem	-	\$12,250.0 \$15,313.0 \$6,125.0 \$6,125.0 \$6,125.0 \$9,187.0 \$6,125.0	00 00 00 00	
			STUD'	Y PARTIC	IPATION	N.					
# STEERING MEME # TECHNICAL MEM	IBERS:	7	2. 22			LIC AD\	/ISORY ME	MBERS:			
AGENCIES INVOLVED:											
	UPPER X LOWER X	HEAL	TH UNIT		MOEE MTO		MAFF MMAI		MNDM MNR		
MUNICIPALITIES II	NVOLVED: C	ity of Water	loo, Regional M	funicipality of \	Vaterloo						

# 41		LAUI	REL CRE	EK SUBW	ATERSI	HED #3	11 STUD	Υ		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Brian Trushin (519) 747-87 01-Jan-94 Laurel Creek Grand River West Central	Fax: Completion D k Main Land Us r Area Municipa			etion Date and Use: lunicipality	(519) 747-8792 Date: 31-Jan-95 Use: Agricultural city of Waterloo				
			STUDY	AREA CH	IARACT	ERISTI	CS•			
POPULAT	ION: 50							SI	ZE (KM2):	4
LANDUSE: % [DEVELOPED:	5	% AGRIC	ULTURAL:	60	%	OPEN:	15	% FOREST:	20
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow water y	X X X X X	Wetland/A Municipal Municipal Stream Ch Waste Dis	Water Sewage nannel/Buffe		X X X X and corrid	Private Aggre Transp Agricu	e/Commugates	unal Water unal Sewage	
		DI AA	LOOMBI	ETION AI	ID IMPL		FATION			
STUDY STATUS: Digital Data Available?	completed	Impleme		ETION AN ategy Prepa ented?		EWEN X	Monito	oring Stra	ategy Prepared? derway?	X X
			FINAN	CIAL INFO	RMATIC	ON•				
TOTAL COST: \$10 DATA INVENTORY, PUBLIC CONSULT, PLAN FORMULATION REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION: ON/EVALUATION IGS:			00.00	Hydro Hydro Water Aquat Strea Terres Mapp	ology/floc ogeology r Quality: tic Resou m Morph strial Res	:- urces:- nology:- sources:- ı Managem		\$18,400.00 \$16,000.00 \$8,000.00 \$8,000.00 \$8,000.00 \$16,000.00 \$5,600.00	0 0 0 0
			OTUD.	V DADTIC	UDATION					
# STEERING MEMI # TECHNICAL MEM		8	פוטט	Y PARTIC		IC ADV	ISORY ME	MBERS:		
AGENCIES INVOLVED:	:									
1521	UPPER X LOWER X	HEALT	ΓΗ UNIT°		MOEE MTO		MAFR MMAH		MNDM MNR	
MUNICIPALITIES II	NVOLVED: C	ity of Waterlo	o, Regional N	∕lunicipality of \	Vaterloo					

# 42		LAU	REL CREE	EK SUBW	ATERSH	HED #31	4 STUDY			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Brian Trushin (519) 747-87 01-Jan-94 Clair Creek Grand River West Central	7708 Fax: Compl Main L			etion Date: and Use: unicipality:	(5 15 Aç : Ci	ty of Water 19) 747-87 5-Sep-96 gricultural ty of Water ambridge	92		
			STUDY	AREA CH	IARACTI	ERISTIC	CS•			
POPULAT	ION: 210							SIZ	E (KM2): 4	
LANDUSE: % [DEVELOPED:	8	% AGRICU	JLTURAL:	62	% C	PEN: 1	5	% FOREST:	15
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow water y	X X X X Develo	Aquatic Life Wetland/Al Municipal V Municipal S Stream Che Waste Disp	NSIs Vater Sewage annel/Buffe posal		X X — — — — , linkages	Private/ Aggrega Transpo Agricult	Communates ortation ure	al Water al Sewage	
		DI A	N COMPLI	ETION AN	ID IMPLI		A TION:			
STUDY STATUS: Digital Data Available?	completed	Impleme	N COMPLI entation Straing Impleme	tegy Prepa		EWIEN I	Monitor	ing Strate	egy Prepared? rway?	X
			FINANC	IAL INFO	RMATIC	N•				
TOTAL COST: \$15 DATA INVENTORY, PUBLIC CONSULT, PLAN FORMULATIC REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION: ON/EVALUATIOI IGS:		\$37,50 \$15,00 \$75,00 \$22,50	0.00 0.00	Hydrol Hydrol Water Aquati Strean Terres Mappi	logy/flood geology:- Quality:- ic Resou n Morpho strial Reso	rces:- ology:-		\$13,125.00 \$5,625.00 \$1,875.00 \$3,750.00 \$1,875.00 \$7,500.00 \$3,750.00	
			STUDY	PARTIC	IPATION	I				
# STEERING MEMI # TECHNICAL MEM		7			# PUBLI		SORY MEN	IBERS:		
AGENCIES INVOLVED	:									
[E2]	UPPER K	HEAL	TH UNIT°		MOEE MTO		MAFRA MMAH		MNDM MNR	X
MUNICIPALITIES II	NVOLVED: C	ity of Waterl	oo, Regional Mu	unicipality of V	Vaterloo					

# 43			LAUREL	CREEK W	ATERS	HED S	TUDY			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Lorrie Minsh (519) 621-2 01-Jan-91 Grand Rivel Grand Rivel West Centra	2761		Main La	etion Date and Use: unicipality	(! : 0 : E	Grand River 519) 621-48 1-Apr-93 Developed Reg. Mun. o Cambridge	344	0	
			STUDY	AREA CH	ARACT	ERISTI	CS•			
POPULAT									().	74
	DEVELOPED:	40	% AGRIC	ULTURAL:	25	% (OPEN: 1	15	% FOREST:	20
STUDY ISSUES: Surface Water - Flood Surface Water - Low If Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow nwater ty		Wetland// Municipal Municipal	Water Sewage hannel/Buffe	r		Private Aggreg	/Commulates	nal Water nal Sewage	
		DI A		ETION AN	ID IMPI	EMENI	TATION•			
STUDY STATUS: Digital Data Available?	completed	Implen		ategy Prepai		X X	Monito	ring Strat ring Unde	egy Prepared? erway?	X X
			FINAN	CIAL INFO	RMATIC	N				
TOTAL COST: \$8 DATA INVENTORY PUBLIC CONSULT PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION: ON/EVALUATION IGS: ENTS?: \$5,0	000	\$80,0 \$215,0	00.00 00.00	Hydro Hydro Water Aquat Strear Terres Mappi Other	logy/floo geology Quality: ic Resou m Morph strial Res ing/Data Costs?	urces: nology: sources: Manageme		ysis: \$55,000.00 \$110,000.00 \$120,000.00 \$50,000.00 \$80,000.00 \$45,000.00	0 0 0 0 0
			STUD	Y PARTIC	IPATION	Į				
# STEERING MEM # TECHNICAL MEN	MBERS:	31 15		Ī		IC ADVI	SORY MEN	MBERS:	20	
AGENCIES INVOLVED	LIDDED				MOSE		MAED		MUDM	
PUBLIC X OTHER:	LOWER X	HEA	LTH UNIT		MOEE MTO		MAFR/ MMAH		MNDM MNR	X
MUNICIPALITIES I	NVOLVED:	City of Wate	erloo, Kitchner, I	Regional Munici	pality of Wa	terloo, Tw _l	os of Wilmot, V	Vellesley, &	Woolwich	

# 44	LC	OVERS &	HEWITTS	CREEKS	MASTE	R WAT	ERSHED	PLAN		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Tom Hogent (905) 895-12 01-Jun-93 Kempenfelt I Lake Simcoe SouthWeste	281 Bay to L. Si e Region	mcoe	Main La	tion Date: nd Use: inicipality:	(9 01 Aç Si	ake Simcoe 05) 853-588 I-Oct-95 gricultural mcoe Count idhurst	31	Α	
			STUDY	AREA CH	ARACTE	RISTIC	CS•			
POPULATION	ON: 7500							SIZE	E (KM2): 80	0
LANDUSE: % D	EVELOPED:	44	% AGRICU	JLTURAL:	66	% C	PEN: ()	% FOREST:	0
STUDY ISSUES: Surface Water - Floodin Surface Water - Low Fl Surface Water - Stormy Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	ow vater		Aquatic Life Wetland/Al Municipal V Municipal S Stream Ch Waste Disp	NSIs Vater Sewage annel/Buffer posal				tes rtation	al Water al Sewage	
TRIOGER AND OTHER	100020.	-								
STUDY STATUS: Digital Data Available?	completed	Impleme		tegy Preparented?			Monitori	ng Strate ng Under	gy Prepared? way?	
			FINANC	IAL INFO	RMATIO	N•				
DATA INVENTORY// PUBLIC CONSULTA PLAN FORMULATIO REPORTS/MEETING OTHER COMPONE	TION: DN/EVALUATIO GS: NTS?:° \$39,0		\$96,00 \$22,00 \$58,00 \$45,00 quality, map	0.00 0.00 0.00	Hydrolo Hydrog Water Aquatio Stream Terresi Mappir	ogy/flood geology: Quality:- c Resou n Morpho trial Res	rces:- ology:-		\$38,000.00 \$18,000.00 \$0.00 \$0.00 \$0.00 \$40,000.00 \$0.00	
CONTRIBUTORS:	Town of Innis	sfil - 16%; C	City of Barrie	e - 34%						
			STUDY	PARTICI	PATION					
# STEERING MEMB # TECHNICAL MEM		14			# PUBLI		SORY MEM	BERS:		
AGENCIES INVOLVED:										
15.24	JPPER X	HEALT	TH UNIT°		MOEE MTO	X	MAFRA MMAH	X	MNDM MNR	X
MUNICIPALITIES IN	IVOLVED: S	Simcoe Count	y, City of Barrie	e, Town of Innis	fil, Village of	Stroud				

# 45	LOWE	R MORRI	SON/WEI	DGEWOO	D CREE	KS SUE	WATER:	SHED P	LAN	
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Dave Bloome (905) 845-66 01-Jan-90 Lake Ontario Halton Regio Central	601 ext. 33	03	Fax: Compl Main L Area M	Agency: etion Date and Use: funicipality District:	(9 : 1! D : R	Town of Oakville (905) 338-4159 15-Jun-94 Developed Reg. Mun. of Halton Maple			
			STUDY	AREA CI	HARACT	ERISTIC	CS•			
POPULAT	ION: 20000							SIZ	ZE (KM2):	1
LANDUSE: % [DEVELOPED:	100	% AGRICI	ULTURAL:	0	% (PEN:	0	% FOREST	. 0
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow nwater y	X X X X Develop	Wetland/A Municipal Municipal	Water Sewage nannel/Buffo posal	er		Private Aggreg	c/Commu gates portation	nal Water nal Sewage	
		ΡΙΔΝ	N COMPL	FTION A	ND IMPI	EMENT	ATION•			
STUDY STATUS: Digital Data Available?	completed	Impleme	ntation Stra	ategy Prepa		X X	Monito	ring Strat	tegy Prepared? erway?	? [
			FINANC	CIAL INFO	ORMATIC	ON•				
DATA INVENTORY PUBLIC CONSULT PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION:- ON/EVALUATIO IGS:-		000; Develo	oper - \$47,0	Hydro Hydro Water Aquat Strean Terres Mappi Other	logy/floog geology: Quality:- ic Resou m Morpho strial Res	rces:- ology:-		lysis:	
			STUD	Y PARTIC	IPATION	J				
# STEERING MEMI # TECHNICAL MEM		8			# PUBL OTHER	_	SORY MEI	MBERS:	2	
AGENCIES INVOLVED	:									
[23]	UPPER D	HEAL1	TH UNIT°		MOEE MTO		MAFR. MMAH		MNDM MNR	X
MUNICIPALITIES I	NVOLVED: 1	own of Oakvi	lle.							

# 46		LYNDE (CREEK W	ATERSHI	ED MAN	NAGE	MENT ST	ΓUDY				
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Chris Conti (905) 579-04 01-Jan-94 Lake Ontario Central Lake Central		Lead Agency: Fax: Completion Date: Main Land Use: Area Municipality: MNR District: STUDY AREA CHARACTERIST					Central Lake Ont. CA (905) 579-0994 Agricultural Reg. Mun. of Durham Maple				
			STUDY A	REA CH	ARACTI	ERIST	ΓICS•					
POPULATI	ON:								SIZE (KI	M2): 1	36	
LANDUSE: % D	EVELOPED:	15 9	% AGRICUI	_TURAL:	60	%	OPEN:	10	% I	FOREST:	15	
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	low water /	X MX MX	Aquatic Life, Vetland/AN Junicipal W Junicipal So Stream Cha Vaste Dispo	SIs /ater ewage nnel/Buffer		X X X X	Priva Aggr Tran		munal W munal Se on			
		ΡΙΔΝ	COMPLE	TION AN) IMPL	EMEN	JTATION:	•				
STUDY STATUS: Digital Data Available?	ongoing	Implemen		egy Prepare			Mon	itoring S	trategy P nderway	repared?		
			FINANCI	AL INFO	RMATIC	N						
DATA INVENTORY/ PUBLIC CONSULTA PLAN FORMULATIC REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:-	ATION:- DN/EVALUATION GS:-	V:-			Hydro Hydro Water Aquat Strear Terres	logy/flogeolog Qualitic Reson Morp strial Rong/Date	y:- ources:- phology:- esources:- ta Manage	nt-	nalysis:			
			STUDY	PARTICII	PATION	I						
# STEERING MEME # TECHNICAL MEW		8• 0•			# PUBL OTHER	_	VISORY M	EMBER	S:	0		
AGENCIES INVOLVED:												
1831	UPPER KI	HEALTH	l UNIT°		MOEE MTO	X	MAF MMA	ı		MNDM MNR	X	
MUNICIPALITIES IN	NVOLVED: R	egional Munici	pality of Durha	m, Town of W	hitby							

# 47		LYNHUR	ST AREA SI	JBWATE	RSHED	STUDY			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Jim McComb (519) 631-127 01-Sep-94 Kettle Creek Kettle Creek SouthWestern		Fax: Compl Main L Area N	Agency: letion Date: .and Use: //unicipality: District:	(5 01 Ag Ele	entral Elgan F 19) 631-5026 -Apr-96 gricultural gin County Ilmer	-	Office	
		STU	DY AREA CI	HARACTI	ERISTIC	:S•			
POPULATION	ON: 1000						SIZE ((KM2): 1	8
LANDUSE: % D	EVELOPED:	10 % AGF	RICULTURAL:	50	% O	PEN: 40	9	% FOREST:	0
STUDY ISSUES: Surface Water - Floodir Surface Water - Low Fl Surface Water - Stormy Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	ow vater 	Wetlan Munici Munici Stream	c Life/Fisheries ad/ANSIs pal Water pal Sewage a Channel/Buff Disposal essure (landuse	er	Diprovals).		tation		
		DI AN COM	IPLETION A	ND IMPLI		A TIONs			
STUDY STATUS: Digital Data Available?		Implementation Plan Being Imple	Strategy Prepa			Monitorin	g Strategy g Underw	y Prepared? ray?	
		FINA	ANCIAL INFO	ORMATIC	N•				
TOTAL COST: \$45 DATA INVENTORY// PUBLIC CONSULTA PLAN FORMULATIC REPORTS/MEETING OTHER COMPONER	.TION:- DN/EVALUATION: GS:-	-		Hydro Hydro Water Aquati Strear Terres Mappi	logy/flood geology:- Quality:- ic Resour m Morpho strial Reso	ces:- logy:-		s:	
CONTRIBUTORS:	Town of Yarmo	outh 50%, South	wold 50%						
		STU	JDY PARTIC	CIPATION	I				
# STEERING MEMB # TECHNICAL MEM	=	8		# PUBL OTHER		ORY MEMB	ERS:		
AGENCIES INVOLVED:									
PUBLIC 🗖 L	JPPER X LOWER X gan Planning Office	HEALTH UNI	Г° <u>П</u>	MOEE MTO		MAFRA MMAH		MNDM MNR	
MUNICIPALITIES IN	IVOLVED: Twp	o Southwold, Yarmou	uth, St. Thomas						

# 48		MADAWAS	KA RIVER \	WATER:	SHED S	STUDY			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Mike Bohm (613) 732-7661 14-Feb-95 Ottawa River None Eastern		Lead Age Fax: Completi Main Lan Area Mur MNR Dis	on Date: d Use: nicipality:	(6 ⁻ Fo Re	NR/Ontario 13) 732-297 rest enfrew Coul embroke	72		
		STUDY	AREA CHA	RACTE	RISTIC	S•			
POPULAT	TON: 50000						SIZE	(KM2): 85	500
LANDUSE: % [DEVELOPED: 5	% AGRICI	JLTURAL:	20	% O	PEN:	5	% FOREST:	70
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quality Ground Water Quality TRIGGER AND OTHER	Flow X nwater X	Wetland/A Municipal \ Municipal \	Water Sewage nannel/Buffer posal	 	X X		ites rtation	al Water al Sewage	
TRIGGER AND OTHER		,							
STUDY STATUS: Digital Data Available?	ongoing Imp	PLAN COMPL lementation Strain Being Implement	ategy Prepare		MENT/	Monitori	ng Strateg ng Underv	gy Prepared? way?	
		FINANC	CIAL INFOR	MATIO	N•				
DATA INVENTORY PUBLIC CONSULT PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE	ATION: ON/EVALUATION: NGS:	\$50,00 \$50,00 \$50,00 \$50,00 es staff time and ion	00.00 00.00 00.00	Hydrolo Hydrog Water (Aquatio Stream Terrest	ogy/flood eology:- Quality:- Resour Morpho rial Reso g/Data M	logy:-		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
CONTRIBUTORS:	MNR, Ontario Hydi	·o							
		STUD	Y PARTICIF	ATION	•				
# STEERING MEM # TECHNICAL MEM				# PUBLION	-	ORY MEM	BERS:	0	
AGENCIES INVOLVED	:								
CA PUBLIC OTHER: Dept. of	UPPER H LOWER H Fisheries & Oceans, Ontario	EALTH UNIT Hydro		OEE TO	X	MAFRA MMAH		MNDM MNR	×
MUNICIPALITIES I	NVOLVED: Renfrew	County and local M	unicipalities						

# 49		MAITLA	ND VALI	LEY ECOS	SYSTEM	HEALT	H PROJE	СТ			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Phone: (519) 335-355 nitiation Date: 01-Jan-92 Receiving Stream: Maitland & Nine CA Involved: MoEE Region: West Central		Lead Agency: Fax: Completion Date: Main Land Use: Area Municipality: MNR District: STUDY AREA CHARACTER			(5 : 15 A ₍ : H	Maitland Valley CA (519) 335-3516 15-Sep-96 Agricultural Huron County/Perth County Cambridge				
			STUDY	AREA CH	IARACT	ERISTIC	CS•				
POPULATI									_ ().	3261	
	EVELOPED:	2	% AGRIC	ULTURAL:	75	% C	PEN:	3	% FOREST:	18	
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	low water y		Wetland/A Municipal Municipal	Water Sewage nannel/Buffe posal	er			Communates ortation	nal Water nal Sewage		
		DI AN	COMPI	ETION A	ID IMDI	EMENT	ATION.				
STUDY STATUS: Digital Data Available?	completed	Implemer		ategy Prepa			Monitor	ing Strate	egy Prepared? erway?	×	
			FINAN	CIAL INFO	RMATIO	ON•					
TOTAL COST: \$18 DATA INVENTORY/ PUBLIC CONSULT/ PLAN FORMULATION REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION: ON/EVALUATION GS:		;	\$0.00 \$0.00 \$0.00	Hydro Hydro Water Aquat Strea Terres Mapp	ology/flood ogeology: r Quality:- tic Resou m Morpho strial Res	rces:- ology:-		\$30,000.00 \$0.00 \$38,100.00 \$55,000.00 \$20,000.00		
			STUD	Y PARTIC	IPATION	١					
# STEERING MEME # TECHNICAL MEM		4			# PUBL		SORY MEN	IBERS:			
AGENCIES INVOLVED:											
122	UPPER X LOWER X	HEALT	H UNIT°		MOEE MTO		MAFR <i>A</i> MMAH		MNDM MNR	X	
MUNICIPALITIES II	NVOLVED: H	uron County, a	and Perth Co	unty.							

# 50			MEADE C	REEK W	ATERS	HED PL	AN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	John Merrian (705) 745-57 12-Nov-93 Trent Canal Otonabee Re Eastern	91		Main La	ion Date: nd Use: nicipality:	(7 Aç Ci	tonabee Re 05) 745-74 gricultural ty of Peterl veed	88		
			STUDY A	REA CH	ARACTI	ERISTIC	S•			
POPULAT	ΓΙΟΝ:							SIZ	ZE (KM2): 8	80
LANDUSE: %	DEVELOPED:	20 9	% AGRICUL	_TURAL:	60	% C	PEN:	5	% FOREST:	15
STUDY ISSUES: Surface Water - Flood Surface Water - Low Surface Water - Storr Ground Water Quality Ground Water Quality TRIGGER AND OTHER	Flow nwater tty /	X V	Aquatic Life/ Wetland/AN Municipal W Municipal Se Stream Cha Waste Disponent pressure	ISIs /ater ewage nnel/Buffer osal		X X X X		Commurates	nal Water nal Sewage	
		•	•		D IMPLI	-14515	ATION			
STUDY STATUS: Digital Data Available	ongoing ? □	Implement	COMPLE tation Strate g Implemen	egy Prepare			Monitor	ing Strate	egy Prepared? erway?	
			FINANCI	AL INFO	RMATIC	N				
DATA INVENTORY PUBLIC CONSULT PLAN FORMULAT REPORTS/MEETII OTHER COMPON	TATION: ION/EVALUATIOI NGS:		\$10,000 \$8,000	0.00 0.00 0.00	Hydrol Hydrol Water Aquati Strean Terres Mappi Other	ogy/flood geology: Quality: c Resou n Morpho trial Reso	ology:		ysis: \$40,000.00 \$15,000.00 \$0.00 \$10,000.00 \$10,000.00 \$5,000.00	
			STUDY	PARTICI	PATION					
# STEERING MEM # TECHNICAL ME		8 8			# PUBLI		SORY MEN	MBERS:		
AGENCIES INVOLVED):									
CA PUBLIC COTHER:	UPPER LOWER	HEALTH	1 UNIT		MOEE MTO		MAFRA MMAH		MNDM MNR	X
MUNICIPALITIES	INVOLVED: C	ity of Peterbord	ough, Otonabe	e Twp.						

# 51	N	IEDWAY	/STANTO	N/MUD CF	REEK SU	JBWAT	ERSHED	PLAN		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Ron Standis (519) 661-4 01-May-93 Thames Riv Upper Tham SouthWeste	978 er nes River		Main La	etion Date and Use: unicipality	(5 : 0 A : C	ity of Londo 519) 661-59 1-May-95 gricultural ity of Londo lymer	31		
			STUDY	AREA CH	IARACT	ERISTI	CS•			
POPULATI	ION: 0							SIZE	E (KM2): 2	234
	DEVELOPED:	5	% AGRIC	ULTURAL:	85	% (OPEN:	0	% FOREST:	10
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow water y	X X X	Wetland/A Municipal Municipal	Water Sewage hannel/Buffe	ır			ates ortation	al Water al Sewage	
THIOGEN AND OTHER	100010.									
STUDY STATUS: Digital Data Available?	completed	Impleme		LETION AN ategy Prepa ented?		EMENI I	Monitor	ing Strate	gy Prepared? way?	
			FINAN	CIAL INFO	RMATIC	ON•				
TOTAL COST: \$27 DATA INVENTORY/ PUBLIC CONSULT/ PLAN FORMULATIO REPORTS/MEETIN OTHER COMPONE	ATION: ON/EVALUATIO GS:	DN:	\$126,0 \$19,0 \$111,0 \$19,0	00.00 00.00	Hydro Hydro Water Aquat Strear Terres Mappi	logy/floo geology: Quality: ic Resou m Morph strial Res	rrces:- ology:- cources:- Manageme Most of the	nt:- terrestrial & a	\$27,000.00 \$20,000.00 \$18,000.00 \$12,000.00 \$17,000.00 \$17,000.00 \$15,000.00 aquatic biology wo y for the City of Lo)))) ork was
CONTRIBUTORS:	City of Lond	on - 80%; ⁻	Twp of Lone	don - 20%						
			STUD	Y PARTIC	IPATION	1				
# STEERING MEME # TECHNICAL MEM	MBERS:	0 19			# PUBL OTHER	-	SORY MEN	IBERS:	0	
AGENCIES INVOLVED:	LIDDED	LIEAL	TUUNIT		MOEE		MAED		MNDM	
PUBLIC	UPPER X LOWER X Development Institute		TH UNIT		MOEE MTO cal Advisory	Committee	MAFRA MMAH e, Agricultural A		MNDM MNR nmittee	×
MUNICIPALITIES IN	NVOLVED:	City of Londor	n, London Twp).						

# 52			MILL CRI	EEK SUBV	VATERS	HED	STUDY			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Dr. Tony Sm (519) 621-27 01-Nov-93 Grand River Grand River West Centra	761	Lead Agency: Fax: Completion Date: Main Land Use: Area Municipality: MNR District: STUDY AREA CHARACTERIS				Grand River CA (519) 621-4844 20-Jun-96 Agricultural Reg. Mun. of Waterloo Cambridge			
			STUDY	AREA CH	IARACT	ERIS	TICS•			
POPULATI									ZE (KM2):	104
	DEVELOPED:	10	% AGRIC	ULTURAL:	40	9	6 OPEN:	30	% FORES	T: 20
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality	Flow water y	X X X X	Wetland/A Municipal Municipal Stream C Waste Dis	Water Sewage hannel/Buffe sposal		X X X	Privat Aggre Trans Agricu	e/Commu gates portation ulture	inal Water inal Sewage	X X X X
TRIGGER AND OTHER	ISSUES:		•				er taking ponds	S.		
STUDY STATUS: Digital Data Available?	completed	Impleme		LETION AN ategy Prepa ented?			Monito	oring Stra oring Und	tegy Prepared erway?	l?
			FINAN	CIAL INFO	RMATIC	ON•				
DATA INVENTORY/ PUBLIC CONSULT/ PLAN FORMULATION REPORTS/MEETIN OTHER COMPONE	ATION: ON/EVALUATIO GS:	N:	\$220,0 \$26,0 \$115,0 \$55,0	00.00 00.00	Hydro Hydro Water Aquat Strear Terres Mappi	logy/floggeolog Qualitic Res m Morp strial R	ty:- ources:- ohology:- esources:- ta Managem	-	lysis: \$70,000. \$15,000. \$20,000. \$20,000. \$10,000. \$25,000. \$0.	00 00 00 00 00
CONTRIBUTORS:	MNR - 50%;	Municipalit	ies - 50%							
			STUD	Y PARTIC	IPATION	1				
# STEERING MEME # TECHNICAL MEM		15 10			# PUBL OTHER	_	VISORY ME	MBERS:	20	
AGENCIES INVOLVED:										
PUBLIC 🔀	UPPER X LOWER X e industry, landowner		TH UNIT		MOEE MTO	X	MAFF MMAI		MNDM MNR	X
MUNICIPALITIES IN	NVOLVED: R	Regional Mun	icipality of Wa	iterloo, City of C	Suelph, City o	of Camb	ridge, County o	f Wellington	, Twp. of Puslinch	ı

# 53		MOFFA	AT CREEK	WATERS	HED P	LAN				
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Gus Rungis (519) 621-276 01-Jan-90 Grand River Grand River West Central	1	Fax: Compl Main L Area M	Agency: etion Date: .and Use: Municipality: District:	(£ 0 A B	Developer (519) 621-4844 01-Aug-96 Agricultural Beverly Township Cambridge				
		STUD	Y AREA CH	HARACTE	RISTI	CS•				
POPULATIO								E (KM2): 2		
	EVELOPED:	15 % AGRIC	CULTURAL:	30	% (OPEN: 2	5	% FOREST:	30	
STUDY ISSUES: Surface Water - Floodin Surface Water - Low Fl Surface Water - Stormy Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	ow [vater [[Wetland Municipa Municipa	al Water al Sewage Channel/Buffe Disposal	[[er [X X		ates ortation	al Water al Sewage		
TRIOGER AND OTHER	1000L0.									
STUDY STATUS: Digital Data Available?		PLAN COMP Implementation St Plan Being Implen	trategy Prepa			Monitor	ing Strate	gy Prepared? way?		
		FINAN	NCIAL INFO	ORMATIO	N					
DATA INVENTORY// PUBLIC CONSULTA PLAN FORMULATIO REPORTS/MEETING OTHER COMPONER CONTRIBUTORS:	TION:- DN/EVALUATION: GS:-			Hydrold Hydrog Water (Aquation Stream Terresti	ogy/floo eology: Quality: Resou Morph rial Res	- irces:-		sis:		
			DY PARTIC	·IDATION						
# STEERING MEMB # TECHNICAL MEM		0•	JI FANIIC		_	SORY MEM	IBERS:			
AGENCIES INVOLVED:										
1521	JPPER 🕱 LOWER 🕱	HEALTH UNIT		MOEE MTO	X	MAFRA MMAH		MNDM MNR	X	
MUNICIPALITIES IN	IVOLVED: City	of Cambridge, Twp of	North Dumfries	, Region of Wa	terloo.					

# 54	MOOSE	RIVER ENVIR	RONMENTA	L INFO. P	ARTNERSHIF	(Phase1)		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	George Duckwo (705) 272-7185 01-Apr-95 James Bay Northern		Main La	ion Date: nd Use: inicipality:	Ministry of N (705) 272-7 Forest Northeast O Cochrane/H	151 ntario Muni	ources icipal Associati	on	
		STUDY	AREA CH	ARACTER	ISTICS•				
POPULATI	ION: 80000					SIZE	E (KM2): 10	09000	
LANDUSE: % [DEVELOPED:	1 % AGRIC	CULTURAL:	0	% OPEN:	5	% FOREST:	94	
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	vater	Wetland// Municipal Municipal Stream C	l Water I Sewage Channel/Buffer sposal		Private Aggree Transp Agricu	oortation Iture	al Sewage		
		PLAN COMPI			-				
STUDY STATUS: Digital Data Available?		mplementation Str Plan Being Implem	rategy Prepare	ed? [Monito	ring Strate ring Under	gy Prepared? way?		
		FINAN	ICIAL INFO	RMATION•					
DATA INVENTORY/ PUBLIC CONSULT/ PLAN FORMULATION REPORTS/MEETIN	TOTAL COST: \$785,000.00 DATA INVENTORY/ANALYSIS: \$540,000.00 PUBLIC CONSULTATION: \$10,000.00 PLAN FORMULATION/EVALUATION: \$40,000.00 REPORTS/MEETINGS: \$215,000.00 OTHER COMPONENTS?: Expenditures represent Phase I study only FINANCIAL INFORMATION Breakdown of Data Inventory/Analysis: Hydrology/flood/erosion: Hydrogeology: Water Quality: Aquatic Resources: Stream Morphology: Terrestrial Resources: Mapping/Data Management: Other Costs? Expenditures can not be matched to outlined categories								
	MNR (97%), On	, , ,							
		STUD	Y PARTICI	PATION					
# STEERING MEME # TECHNICAL MEM				# PUBLIC / OTHER?	ADVISORY ME	MBERS:	0		
AGENCIES INVOLVED:	:								
PUBLIC X	UPPER		ribunal Councils	ј ОТМ	MAFR MMAH		MNDM MNR	X	
MUNICIPALITIES II	NVOLVED: NEO	MA - Northeast Ontario	o iviunicipai Assoc	JallOII					

# 55		MORNII	NGSIDE T	RIBUTAR	Y SUBW	/ATER	SHED STU	JDY		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Peter Cooks (416) 396-71 01-Jun-93 Rouge River Metro Toront Central	56	gion	Fax: Completion Date: Main Land Use: ion Area Municipality:			City of Scarborough (416) 396-6920 Developed Reg. Mun. of York Maple RISTICS•			
			STUDY	AREA CH	IARACT	ERIST	ICS•			
POPULATI	ON: 75000							SIZ	E (KM2): 2	1
LANDUSE: % [EVELOPED:	50	% AGRICI	ULTURAL:	10	%	OPEN:	20	% FOREST:	20
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	llow water y	X X X X	Wetland/A Municipal Municipal	Water Sewage nannel/Buffe posal	r		Private Aggreg	ates ortation	nal Water nal Sewage	
		DI AI	L COMPL	ETION AN	ID IMPL	ERAEN!	TATION			
STUDY STATUS: Digital Data Available?	ongoing	Impleme	entation Stra		red?	 X	Monito	ring Strate ring Unde	egy Prepared? rway?	X
			FINAN	CIAL INFO	RMATIC	ON•				
DATA INVENTORY/ PUBLIC CONSULT/ PLAN FORMULATIC REPORTS/MEETIN OTHER COMPONE	ATION: DN/EVALUATIO GS:	N:	\$198,00 \$115,00 \$122,00 \$115,00	00.00 00.00	Hydro Hydro Water Aquat Strear Terres Mappi	ology/floo ogeology Quality cic Reso m Morpl strial Re	:- urces:- nology:- sources:- a Manageme		ysis: \$22,000.00 \$33,000.00 \$22,000.00 \$22,000.00 \$38,500.00 \$22,000.00 \$38,500.00	
CONTRIBUTORS:	City of Scarb	orough: 10	00%							
			STUD	Y PARTIC	IPATION	1				
# STEERING MEME # TECHNICAL MEM		22 10			# PUBL OTHER	-	ISORY MEN	MBERS:	10	
AGENCIES INVOLVED:										
PUBLIC 🖺	UPPER X LOWER X	HEAL	TH UNIT		MOEE MTO	X	MAFR/ MMAH	100	MNDM MNR	X
MUNICIPALITIES IN	NVOLVED: R	Regional Mun	icipality of York	k, City of Scarb	orough, Malv	/ern				

# 56			MOSQUIT	O CREEK	WATER	RSHED	PLAN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Phone: (807) 344-585 nitiation Date: 01-Jan-94 Receiving Stream: Kaministiquia Lakehead Reg						akehead R 807) 345-9 1-Jan-96 eveloped tity of Thun hunder Bay			
			STUDY	AREA CH	ARACT	ERISTI	CS•			
POPULAT	ION: 3000							SIZ	ZE (KM2):	31
LANDUSE: % [DEVELOPED:	30	% AGRIC	ULTURAL:	10	% (OPEN:	10	% FOREST:	: 50
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow water y	X X X X Develo	Wetland/A Municipal Municipal	Water Sewage hannel/Buffe sposal	r		Private Aggreg	gates oortation	nal Water nal Sewage	
		DI A	N COMPI	ETION AN	ID IMPL		ATION			
STUDY STATUS: Digital Data Available?	completed	Impleme		LETION AN ategy Preparented?		EWEN	Monito	ring Strate	egy Prepared? erway?	 X
			FINAN	CIAL INFO	RMATIC	ON•				
TOTAL COST: \$60,000.00 DATA INVENTORY/ANALYSIS: PUBLIC CONSULTATION: PLAN FORMULATION/EVALUATION: REPORTS/MEETINGS: OTHER COMPONENTS?:		N:	\$18,00	00.00	Hydro Hydro Water Aquat Strear Terres Mappi	ology/floo ogeology Quality: ic Resou m Morph strial Res	- irces:-		\$16,000.00 \$0.00 \$5,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00	0 0 0 0 0
CONTRIBUTORS:	MNR - 50%;	Municipali	ty - 40%							
			STUD	Y PARTIC	IPATION	1				
# STEERING MEME # TECHNICAL MEM		8 4			# PUBL OTHER		SORY MEI	MBERS:	4	
AGENCIES INVOLVED:	:									
15.21	UPPER LOWER	HEAL	TH UNIT°		MOEE MTO	X	MAFR. MMAH	1	MNDM MNR	X
MUNICIPALITIES II	NVOLVED: T	wp. of Neebi	ing, City of Thu	ınder Bay						

# 57		MULLE	T/LEVI/MAII	N CREDIT	SUBW	ATERS	SHED STU	JDIES			
REY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Carl Brawley (905) 874-20 01-Jun-92 Credit River Credit Valley Central	000	Lead Agen Fax: Completior Main Land Area Munic MNR Distri			(: : F	City of Bram 905) 874-2 Developed Reg. Mun. o Maple	119	on and Peel		
			STUDY	AREA CH	ARACT	ERIST	CS•				
POPULAT	TION: 100000							SIZ	ZE (KM2):	55	
LANDUSE: %	DEVELOPED:	52	% AGRICU	JLTURAL:	36	%	OPEN:	10	% FOREST:	: 2	
STUDY ISSUES: Surface Water - Flood Surface Water - Low I Surface Water - Storn Ground Water Quanti Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow nwater ty	X X X X	Aquatic Life Wetland/Al Municipal V Municipal S Stream Ch Waste Disp	NSIs Water Sewage annel/Buffer posal		X X	Private Aggre	e/Commu gates portation	inal Water inal Sewage		
		DI /	N COMPLI	ETION AN	n IMPI	EMEN.	TATION•				
STUDY STATUS: Digital Data Available?	ongoing	Implem	nentation Stra eing Impleme	itegy Prepare			Monito	oring Stratering Und	tegy Prepared? erway?		
			FINANC	CIAL INFO	RMATIC	N•					
TOTAL COST: \$2 DATA INVENTORY PUBLIC CONSULT PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE	TATION: ION/EVALUATIC NGS:		\$107,50 \$10,75 \$64,50 \$32,25	0.00 0.00	Hydro Hydro Water Aquat Strear Terres Mappi	logy/floo geology Quality ic Reso m Morph strial Re	:- urces:- nology:- sources:- a Managem	•	\$32,250.00 \$10,750.00 \$10,750.00 \$21,500.00 \$10,750.00 \$10,750.00 \$10,750.00	0 0 0 0 0	
CONTRIBUTORS.	Dvip interest	- 100 %									
			STUD	/ PARTICI	PATION	ı					
# STEERING MEM # TECHNICAL MEI		15 8			# PUBL OTHER		ISORY ME	MBERS:			
AGENCIES INVOLVED):										
PUBLIC X OTHER:	UPPER K	HEA	LTH UNIT°		MOEE MTO	X	MAFR MMAF		MNDM MNR	X	
MUNICIPALITIES I	INVOLVED:	Γown of Halt	on Hills, City of M	Mississauga, Cit	y of Bramp	ton.					

# 58		NOR	TH CAST	OR RIVER	R SUBW	ATER	SHED PL	AN			
REY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Martin Czars (613) 984-29 23-Sep-93 Castor River South Nation Eastern	948	Lead Agency: Fax: Completion Date: Main Land Use: Area Municipality: MNR District: STUDY AREA CHARACTERI				South Nation River CA (613) 984-2872 31-Jan-96 Agricultural Reg. Mun. of Ottawa-Carleton Kemptville				
			STUDY	AREA CI	HARACT	ERIS	TICS•				
POPULAT	TON: 5000							SI	IZE (KM2):	150	
LANDUSE: % [DEVELOPED:	10	% AGRIC	ULTURAL:	45	9	% OPEN:	5	% FORES	ST: 4	0
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow nwater ty	X X X X Develo	Wetland/A Municipal Municipal	Water Sewage hannel/Buffe sposal	Private/Communal Sew Aggregates Transportation]]]	
		DI AI	N COMPI	ETION AI	ND IMDI	EME					_
STUDY STATUS: Digital Data Available?	completed	Impleme		ategy Prepa		EIVIEI X	Monit	oring Stra	ategy Prepared derway?		×
			FINAN	CIAL INFO	ORMATIO	NC					
DATA INVENTORY PUBLIC CONSULT. PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE	ATION: ON/EVALUATIC IGS: ENTS?:		Turn of Oce	owoodo DM	Hydro Hydro Wate Aqua Strea Terre Mapp Other	ology/fl ogeolog r Quali tic Res m Mor strial R	ty: ources: phology: tesources: ta Managen		\$28,000 \$0 \$0 \$0 \$0 \$0	0.00 0.00 0.00 0.00 0.00 0.00	
CONTRIBUTORS:	South Natior	n River CA,	Twp of Os	igoode, RM	oc						
			STUD	Y PARTIC	IPATIO	N					_
# STEERING MEMI # TECHNICAL MEM		12			# PUBL		VISORY ME	EMBERS:			
AGENCIES INVOLVED	:										
CA X PUBLIC X OTHER:	UPPER X	HEAL	TH UNIT		MOEE MTO		MAFI MMA			M X	
MUNICIPALITIES I	NVOLVED: I	Regional Mun	icipality of Otta	awa-Carleton, ⁻	Twp of Osgo	ode, City	y of Gloucester				

# 59		NORTH	WEST NE	WMARK	ET SUB	WATE	ERSHED F	PLAN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	James Stiver (905) 738-806 01-Jan-94 Holland River Lake Simcoe SouthWester	Region	25 Fax: Completion Date: Main Land Use: Area Municipality:				Weston Larkin (90(5)7) 386637 Developed Reg. Mun. of York Midhurst				
			STUDY	AREA C	HARAC1	TERIS	TICS•				
POPULATI	ON: 13500							;	SIZE (K	M2): 3	
LANDUSE: % D	EVELOPED:	75	% AGRICU	JLTURAL:	0	9,	% OPEN:	25	%	FOREST:	0
STUDY ISSUES: Surface Water - Floodii Surface Water - Low Fl Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	low water '	X X	Aquatic Life Wetland/Al Municipal V Municipal S Stream Cha Waste Disp	NSIs Vater Sewage annel/Buff		Private/Comm Private/Comm Aggregates Transportation Agriculture					
		DI AN	COMPLI	ETION A	ND IMDI	EME	NTATION•				
STUDY STATUS: Digital Data Available?	ongoing	Implemen	tation Strateg Impleme	tegy Prepa			Moni	toring St	trategy F nderway	Prepared? /?	
			FINANC	IAL INF	ORMATI	ON					
DATA INVENTORY/ PUBLIC CONSULTA PLAN FORMULATIO REPORTS/MEETING	DATA INVENTORY/ANALYSIS:- PUBLIC CONSULTATION:- PLAN FORMULATION/EVALUATION:- REPORTS/MEETINGS:- OTHER COMPONENTS?:- Breakdown of Data Inventory/Analysis: Hydrology/flood/erosion:- Hydrogeology:- Water Quality:- Aquatic Resources:- Stream Morphology:- Terrestrial Resources:- Mapping/Data Management:- Other Costs?-										
			STUDY	/ PARTIC	CIPATIO	N					
# STEERING MEMB # TECHNICAL MEM			. .			LIC AD	VISORY MI	EMBER	S:		
AGENCIES INVOLVED:											
1531	UPPER X LOWER X	HEALT	H UNIT		MOEE MTO	X	MAF MMA			MNDM MNR	X
MUNICIPALITIES IN	IVOLVED: Re	egional Munic	pality of York	, Town of Ne	wmarket						

# 60		NO	TAWAS	AGA VAL	LEY WA	TERSH	IED PLAN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Charles Burg (705) 424-1- 01-Oct-93 Georgian Ba Nottawasaga SouthWeste	479 ly a Valley	e Wilson	Fax: Compl Main L	agency: etion Date and Use: lunicipality District:	: 2 ;	Nottawasaga Valley CA (705) 424-2115 27-Oct-95 Agricultural Simcoe & Dufferin Counties Midhurst			
			STUDY	AREA CH	HARACT	ERIST	ICS•			
POPULAT	ION: 120000							SIZ	E (KM2): 3	200
LANDUSE: % [DEVELOPED:	10	% AGRIC	ULTURAL:	65	%	OPEN:	0	% FOREST:	25
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow water y	X X X X	Wetland/A Municipal Municipal Stream Ch Waste Dis	Water Sewage nannel/Buffe	er	X X X X	Private Aggreg	ates ortation	nal Water nal Sewage	
TRIGGER AND OTHER	1550E5:									
STUDY STATUS: Digital Data Available?	completed	Impleme	ntation Stra	ETION AI ategy Prepa ented?		EMEN'	Monito		egy Prepared? erway?	[X
		_	STUD	Y PARTIC						
# STEERING MEME # TECHNICAL MEM		7 17			# PUBL		ISORY MEN anning Team		60	
AGENCIES INVOLVED:	:									
PUBLIC 🔀	UPPER X O N N N N N N N N N N N N N N N N N N	HEAL ⁻	TH UNIT	X	MOEE MTO		MAFR/ MMAH	100	MNDM MNR	X
MUNICIPALITIES II	ı	Mulmur, Ospre	y, Town of Co	ollingwood, To	wn of Innisfil	Town of		n, Shelburn	e, Melancthon, Mond e Twp., Town of Wa	

# 61		os	ENEGO (CREEK S	UBWATI	ERSHE	D PLAN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Bill Butler (905) 845-66 01-Jan-95 16 Mile Creel Halton Regio Central	0	Lead Agency: Fax: Completion Date: Main Land Use: Area Municipality: MNR District: STUDY AREA CHARACTERIS				Town of Oakville (905) 815-2025 01-Jan-96 Agricultural Reg. Mun. of Halton Maple			
			STUDY	AREA CH	HARACT	ERISTI	CS•			
POPULAT	ION: 10000							SI	ZE (KM2):	15
LANDUSE: % [DEVELOPED:	0	% AGRICI	ULTURAL:	70	% (OPEN:	0	% FORE	ST: 30
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow water y	X X	Wetland/A Municipal \ Municipal \	Water Sewage nannel/Buffe posal			Private Aggreg	/Commu gates ortation	nal Water nal Sewage	
TRIGGER AND OTHER	100000.	·	•							
STUDY STATUS: Digital Data Available?	completed	Implemen		ETION AI ategy Prepa ented?		EMEN I	Monito	ring Stra ring Und	tegy Prepare erway?	ed?
			FINANC	CIAL INFO	ORMATIC	NC				
DATA INVENTORY, PUBLIC CONSULT, PLAN FORMULATIC REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION:- ON/EVALUATIO IGS:-				Hydro Hydro Water Aquat Strear Terres Mapp	ology/floc ogeology r Quality: tic Resou m Morph strial Res	- ırces:-		lysis:	
			STUD	Y PARTIC	IPATION	١				
# STEERING MEMI # TECHNICAL MEM		5• 0•			# PUBL	_	SORY MEI	MBERS:		0
AGENCIES INVOLVED	:									
1831	UPPER X LOWER X	HEALT	H UNIT		MOEE MTO		MAFR. MMAH	1	MND MNR	0.00
MUNICIPALITIES II	NVOLVED: R	egion of Halto	n, Town of O	akville						

March 1997

# 62		OSHAWA C	REEK WATE	RSHED M	ANAGE	MENT STU	DY			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Chris Conti (905) 579-04 01-Jan-94 East Oshawa Central Lake Central	a & Goodman	Fax: Com Mair Area	d Agency: appletion Date a Land Use: a Municipality R District:	(9 e: A y: R	Central Lake Ont. CA (905) 579-0994 Agricultural Reg. Mun. of Durham Maple				
		S	TUDY AREA	CHARACT	TERISTIC	CS•				
POPULAT	ION:						SIZE	(KM2): 12	20	
LANDUSE: % [EVELOPED:	25 % A	GRICULTURA	L: 50	% (PEN: 10	1	% FOREST:	15	
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	ilow water y	Wei	natic Life/Fisheri dand/ANSIs nicipal Water nicipal Sewage eam Channel/Bu ste Disposal			Private/Control Private/Contro	ommunal es tation			
		PI AN CO	OMPLETION	AND IMPI	FMFNT	ATION•				
STUDY STATUS: Digital Data Available?	ongoing		on Strategy Pre					y Prepared? vay?		
		F	NANCIAL IN	FORMATI	ON					
DATA INVENTORY, PUBLIC CONSULT, PLAN FORMULATIC REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:-	ATION:- ON/EVALUATIO GS:-	N:-		Hydro Hydro Wate Aqua Strea Terre Mapp	ology/floo ogeology: er Quality: atic Resou am Morphe estrial Res	rces:- ology:-		is:		
			STUDY PART	ICIPATIO	N					
# STEERING MEME # TECHNICAL MEM		10• 0•			LIC ADVI	SORY MEMB	ERS:	0		
AGENCIES INVOLVED:										
100	UPPER X LOWER X	HEALTH U	NIT 🗖	MOEE MTO	×	MAFRA MMAH		MNDM MNR	×	
MUNICIPALITIES II	NVOLVED: R	egional Municipalit	y of Durham, City o	f Oshawa						

# 63		POLAI	RIS CREEK S	SUBWATE	RSHED	PLAN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Kees Pols (705) 264-53 01-Jan-94 Mattagami Ri Mattagami Re Northern	ver	Fax: Com Main Area	Agency: pletion Date Land Use: Municipality District:	(7 c: 0° D v: C	Mattagami Region CA (705) 268-6544 01-May-95 Developed City of Timmins Timmins			
		ST	UDY AREA (CHARACT	ERISTIC	CS•			
POPULATI	ON: 150000						SIZ	E (KM2): 2	20
LANDUSE: % [EVELOPED:	100 % AC	GRICULTURAL	_: 0	% (OPEN:	0	% FOREST:	0
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	rlow water y	Wetla Muni Muni Strea Wasi	attic Life/Fisherie and/ANSIs cipal Water cipal Sewage am Channel/Bute Disposal or flooding/erosio	ffer		Private Aggreg	gates ortation	nal Water nal Sewage	
		PLAN CO	MPLETION A	AND IMPI	FMFNT	ΔΤΙΟΝ•			
STUDY STATUS: Digital Data Available?	completed		n Strategy Prep		X	Monito	ring Strate	egy Prepared? erway?	
		FIN	NANCIAL INF	ORMATIC	ON•				
DATA INVENTORY/ PUBLIC CONSULT/ PLAN FORMULATION REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION: DN/EVALUATIOI GS: NTS?:		\$5,000.00 \$5,000.00 \$0.00 \$50,000.00	Hydro Hydro Water Aqua Strea Terre Mapp	ology/floog ogeology: r Quality:- tic Resou m Morpho strial Res	rces:- ology:-		ysis:	
		S	TUDY PARTI	CIPATION	N				
# STEERING MEME # TECHNICAL MEM		5		# PUBL		SORY MEN	MBERS:	8	
AGENCIES INVOLVED:									
[E2]	UPPER	HEALTH UN	NIT 🗖	MOEE MTO		MAFRA MMAH	100	MNDM MNR	X
MUNICIPALITIES IN	NVOLVED: C	ity of Timmins							

# 64			POTTER	CREEK V	VATERS	HED S	TUDY			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Ernie Marget (613) 968-34 01-Jan-92 Bay of Quinte Moira River Eastern	34	Lead Agency Fax: Completion Main Land L Area Municip MNR District			r:	Moira River (613) 968-8 01-Jan-94 Agricultural Township o Tweed	3240	,	
			STUDY	AREA CH	HARACT	ERIST	ICS•			
POPULATI	ON: 4000							S	SIZE (KM2):	35
LANDUSE: % D	EVELOPED:	15	% AGRIC	ULTURAL:	50	%	OPEN:	35	% FORES	iΤ: 0
STUDY ISSUES: Surface Water - Floodii Surface Water - Low Fl Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	low water '	X X X X	Wetland/A Municipal Municipal	Water Sewage hannel/Buffe sposal			Privat Aggre	e/Comm gates portation	nunal Water nunal Sewage	
			•							
STUDY STATUS: Digital Data Available?	completed	Impleme		LETION AI ategy Prepa ented?		EMEN	Monito		ategy Prepared derway?	d?
			FINAN	CIAL INFO	ORMATIO	NC				
DATA INVENTORY// PUBLIC CONSULTA PLAN FORMULATIO REPORTS/MEETING OTHER COMPONE		\$180,00 \$15,00 \$30,00 \$25,00	00.00 00.00	Hydro Hydro Water Aquat Strea Terres Mapp Other	ology/floogeology r Quality tic Resc m Morp strial Re	v: burces: hology: esources: a Managem		\$25,000 \$10,000 \$15,000 \$15,000	0.00 0.00 0.00 0.00 0.00	
		070), 0 .00	· Lanco On	oan op i an	u (1070)					
			STUD	Y PARTIC						
# STEERING MEMB # TECHNICAL MEM		20 5			# PUBL		ISORY ME	MBERS	S: (D
AGENCIES INVOLVED:										
(Entry)	UPPER	HEALT	H UNIT		MOEE MTO		MAFF MMAI			N E
MUNICIPALITIES IN	IVOLVED: T	wp. of Sidney								

# 65		P(DTTERS	BURG CRE	EK/CRI	JMLIN I	DRAIN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Ron Standis (519) 661-49 01-May-93 Thames Rive Upper Tham SouthWeste	978 er es River	Lead Agency: Fax: Completion Date: Main Land Use: Area Municipality: MNR District: STUDY AREA CHARACTERI				City of London (519) 661-5931 01-May-95 Agricultural Middlesex County Aylmer			
			STUDY	AREA CH	ARACTI	ERISTIC	cs•			
POPULATI	ON:							SIZE	E (KM2): 4	9
LANDUSE: % D	EVELOPED:	40	% AGRIC	ULTURAL:	45	% C	PEN: 1	0	% FOREST:	5
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	low water /		Wetland/A Municipal Municipal	Water Sewage hannel/Buffer	г			ates ortation	al Water al Sewage	 X X
		DI AN	I COMPI	ETION AN	D IMDI I	EMENT	ATION.			
STUDY STATUS: Digital Data Available?	completed	Impleme		ategy Prepar		E E	Monitori	ing Strate ing Under	egy Prepared? rway?	
			FINAN	CIAL INFO	RMATIC	N•				
TOTAL COST: \$27 DATA INVENTORY/ PUBLIC CONSULTA PLAN FORMULATIO REPORTS/MEETING OTHER COMPONE	ATION: DN/EVALUATIO GS:	·N:	\$118,00 \$19,00 \$114,00 \$24,00	00.00 00.00	Hydrol Hydrol Water Aquati Strean Terres Mappi	logy/flood geology:- Quality:- ic Resou n Morpho strial Reso	rces:- blogy:- burces:- Management Aquatic and	nt:- Terrestiral F	\$30,000.00 \$16,000.00 \$30,000.00 \$5,000.00 \$10,000.00 \$7,000.00 \$20,000.00 Resources work do	one as a
CONTRIBUTORS:	City of Londo	on - 100%								
			STUD	Y PARTICI	PATION	I				
# STEERING MEME # TECHNICAL MEM		0 21			# PUBLI		SORY MEM	BERS:	0	
AGENCIES INVOLVED:										
PUBLIC 🔀	UPPER X LOWER X evelopment Institute		H UNIT		MOEE MTO cal Planning	Advisory C	MAFRA MMAH Committee, Ag		MNDM MNR visory Committee.	X
MUNICIPALITIES IN	NVOLVED: 0	City of London.	, Village of Βε	elmont, Twp of S	outhwold, T	wp of Yarm	outh.			

# 66		ROBII	NSON CREE	K SUBWAT	TERSHE	D PLAN				
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Les Arishenk (905) 477-70 01-Oct-93 Little Rouge I Metro Toront Central	000 ext. 302	00 ext. 302 Fax: Completion Date: River Main Land Use:			Agricultural y: Reg. Mun. of York Maple				
		s	TUDY AREA	CHARACT	TERISTI	CS•				
POPULATI	ON: 10000						SIZE	E (KM2): 1	12	
LANDUSE: % D	EVELOPED:	20 %	AGRICULTUR/	AL: 45	%	OPEN:	5	% FOREST:	20	
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	low water /	X We Mu X Mu X Str	uatic Life/Fisheretland/ANSIs unicipal Water unicipal Sewage eam Channel/Easte Disposal unt/urban expansio	Buffer	X X X		ates ortation	al Water al Sewage	 X	
		DI AN C	OMPLETION	AND IMPI	EMENI	TATION:				
STUDY STATUS: Digital Data Available?	completed	Implementat	tion Strategy Pr mplemented?		X X	Monitori	ng Strate ng Under	gy Prepared? way?		
		F	INANCIAL IN	IFORMATI	ON					
DATA INVENTORY/ PUBLIC CONSULTA PLAN FORMULATIO REPORTS/MEETING OTHER COMPONE CONTRIBUTORS:	ATION:- DN/EVALUATIO GS:-			Hydr Hydr Wate Aqua Strea Terre Mapp	rology/floo rogeology er Quality: atic Resou am Morph estrial Res	:- urces:- nology:- sources:- Managemei		sis:		
			STUDY PAR	TICIPATIO	N					
# STEERING MEME # TECHNICAL MEM		10•		# PUB OTHE		SORY MEM to public mee				
AGENCIES INVOLVED:										
PUBLIC X	UPPER LOWER	HEALTH (JNIT 🗖	MOEE MTO		MAFRA MMAH		MNDM MNR	X	
MUNICIPALITIES IN	NVOLVED: T	own of Markham								

# 67		SAW	MILL CRE	EK SUB	WATER	RSHED	PLAN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Hazel Breton (905) 670-16 01-Jun-93 Credit River Credit Valley Central	l5 ext. 235	Lead Age Fax: Completic Main Land Area Mun MNR Dist	on Date: d Use: icipality:	(90 01 De Cit	edit Valley 05) 670-2 -Apr-95 eveloped ty of Missi	210			
		5	STUDY ARI	EA CHA	RACTE	RISTIC	:S•			
POPULATI	ON: 12000							SI	ZE (KM2): 2	0
	EVELOPED:	70 %	AGRICULTU	JRAL:	0	% O	PEN:	25	% FOREST:	5
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	ilow water y	Work Mu	quatic Life/Fis etland/ANSIs unicipal Wate unicipal Sewa ream Channe aste Disposa habilitation, res	s er age el/Buffer al]]] []	X X X	Private Aggre	e/Commugates	unal Water unal Sewage	
				-		NACNITA	A TIONI-			
STUDY STATUS: Digital Data Available?	completed	Implementa	COMPLETION Lition Strategy Implemented	Prepared		X X	Monito	oring Stra	itegy Prepared? lerway?	[X
		ı	FINANCIAL	INFOR	MATIOI	N•				
DATA INVENTORY/ PUBLIC CONSULT/ PLAN FORMULATION REPORTS/MEETIN OTHER COMPONE	ATION: ON/EVALUATION GS:	4:	\$97,200.00 \$3,000.00 \$12,400.00 \$13,400.00)	Hydrolo Hydrog Water C Aquatic Stream Terrestr	ogy/flood eology: Quality: Resour Morpho rial Reso g/Data M	logy:		\$7,500.00 \$2,800.00 \$0.00 \$4,900.00 \$62,000.00 \$0.00 \$20,000.00	
CONTRIBUTORS:	MNR - 50%; N	1unicipal - 50)%							
			STUDY PA							
# STEERING MEME # TECHNICAL MEM		7 13			# PUBLIC OTHER?		ORY MEI	MBERS:	0	
AGENCIES INVOLVED:							•			
1221	UPPER LOWER	HEALTH	UNIT° 🔲		OEE TO		MAFR MMAH		MNDM MNR	X
MUNICIPALITIES IN	NVOLVED: Ci	ty of Mississaug	a							

# 68			SAWMIL	L CREEK	WATER	SHED	PLAN					
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Bruce Reid (613) 692-35 01-Apr-92 Rideau River Rideau Valle Eastern	-		Fax: Compl Main L	Agency: etion Date and Use: Iunicipality District:	e: /:	Rideau Valley CA (613) 692-0831 12-Dec-94 Developed Reg. Mun. of Ottawa-Carleton Kemptville					
			STUDY	AREA CH	HARACT	ERIST	TCS•					
POPULAT	ΓΙΟΝ:							SI	ZE (KM2):	24		
LANDUSE: %	DEVELOPED:	80	% AGRIC	ULTURAL:	0	%	OPEN:	20	% FORE	ST: 0		
STUDY ISSUES: Surface Water - Flood Surface Water - Low Surface Water - Storm Ground Water Quality Ground Water Quality TRIGGER AND OTHEI	Flow nwater ty		Wetland/A Municipal Municipal	Water Sewage hannel/Buffe			Privat Aggre	e/Commu egates portation	inal Water inal Sewage			
		DI A	N COMPI	ETION AI	ND IMDI		TATION					
STUDY STATUS: Digital Data Available?	completed	Impleme		ategy Prepa		.EIVIEIN	Monit	oring Stra oring Und	tegy Prepare erway?	ed? 🔀		
			FINAN	CIAL INFO	ORMATIO	ON						
DATA INVENTORY PUBLIC CONSULT PLAN FORMULAT REPORTS/MEETIN OTHER COMPONI	TATION:- ION/EVALUATIO NGS:-		EE: 25%, F	RMOC/GLO	Hydro Hydro Wate Aqua Strea Terre Mapp Other	ology/floo ogeolog r Quality tic Reso m Morp strial Re ing/Dat	y:- burces:- bhology:- esources:- a Managem	-	lysis:			
			STUD	Y PARTIC	IPATIO	N						
# STEERING MEM # TECHNICAL MEI		10			# PUBL		/ISORY ME	MBERS:				
AGENCIES INVOLVED):											
CA PUBLIC DOTHER:	UPPER X	HEAL	TH UNIT°		MOEE MTO		MAFF MMAI		MNDI MNR	M 🗖		
MUNICIPALITIES	INVOLVED: C	City of Glouce	ester, City of O	ottawa, Reg. Mu	un. of Ottawa	ı-Carleton	ı					

# 69			SHAR	ON CREE	EK OPA 5	55 ST	UDY				
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Wayne Hunt (905) 478-42 01-Jan-94 Holland River Lake Simcoe SouthWester	Region		Lead A Fax: Compl Main L Area M MNR I		Town of East Gwillimbury (905) 478-2808 01-Jun-95 Agricultural Town of East Gwillimbury Midhurst					
			STUDY	AREA CI	HARACT	ERIS	TICS•				
POPULATIO	N: 5500							:	SIZE (KI	M2): 1	13
LANDUSE: % DE	VELOPED:	10	% AGRICI	ULTURAL:	50	9	% OPEN:	40	%	FOREST:	0
STUDY ISSUES: Surface Water - Flooding Surface Water - Low Flo Surface Water - Stormwa Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER IS	water	X X X	Wetland/A Municipal Municipal	Water Sewage nannel/Buff posal		X X X	Priva Aggre Trans		munal W munal Se on		
TRIOGER AND OTHER RE		<u> </u>									
STUDY STATUS: Co	ompleted	Implemen		ategy Prepa		EMEI E		toring St	trategy P nderway	Prepared?	[X
			FINANG	CIAL INFO	ORMATIC	ON					
TOTAL COST: \$50,0 DATA INVENTORY/AI PUBLIC CONSULTAT PLAN FORMULATION REPORTS/MEETINGS OTHER COMPONENT CONTRIBUTORS:	TON:- N/EVALUATION S:-				Hydro Hydro Water Aquat Strear Terres Mapp	ology/flogeolog Qualitic Res m Morp Strial R	ty:- sources:- phology:- tesources:- tta Manager	t -	nalysis:		
			STUD	Y PARTIC	CIPATION	1					
# STEERING MEMBE # TECHNICAL MEMB		7•			# PUBL		VISORY MI	EMBER	S:		
AGENCIES INVOLVED:											
1221	PPER DWER K	HEALT	'H UNIT°		MOEE MTO		MAF MMA	Į.		MNDM MNR	
MUNICIPALITIES INV	OLVED: To	own of East G	Swillimbury								

# 70		SHEL	DON CR	EEK WAT	ERSHE	D MAS	TER PLAN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Allan Magi (905) 335-76 01-Oct-91 Bronte Creek Halton Regio Central	to Lake O	to Lake Ontario Completion Main Land			(905) 335-7861 on Date: 01-Oct-93 ad Use: Agricultural nicipality: Reg. Mun. of Halto trict: Maple				
			STUDY	AREA CH	ARACT	ERISTI	CS•			
POPULATION	ON: 50000							SIZ	E (KM2): 20)
LANDUSE: % D	EVELOPED:	40	% AGRICU	JLTURAL:	30	% (OPEN: 3	0	% FOREST:	0
STUDY ISSUES: Surface Water - Floodin Surface Water - Low Fl Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	ow water	X X X Impact o	Aquatic Life Wetland/A Municipal Municipal Stream Ch Waste Disp	NSIs Water Sewage nannel/Buffer posal				Communates	nal Water nal Sewage	
		DLAN	LCOMPL	ETION AN	D IMBI	EMENI	ATIONS			
STUDY STATUS: Digital Data Available?	completed	Impleme		ategy Prepar		X X	Monitor	ing Strate	egy Prepared? erway?	×
			FINANC	CIAL INFO	RMATIC	ON•				
DATA INVENTORY// PUBLIC CONSULTA PLAN FORMULATIC REPORTS/MEETING OTHER COMPONE	NTION: DN/EVALUATIO GS: NTS?:		\$157,50 \$22,50 \$22,50 \$22,50	00.00 00.00 00.00	Hydro Hydro Water Aquat Strean Terres Mapp Other	ology/floo ogeology Quality: ic Resou m Morph strial Res	- irces:-		ysis: \$31,500.00 \$7,875.00 \$7,875.00 \$15,750.00 \$7,875.00 \$15,750.00 \$23,625.00	
CONTRIBUTORS:	City of Burling	gton - 80%	, Town of O	0akville - 20%	6					
			STUDY	Y PARTICI	PATION	1				
# STEERING MEMB # TECHNICAL MEM		18 24			# PUBL OTHER		SORY MEM	IBERS:	0	
AGENCIES INVOLVED:										
15.51	JPPER X LOWER X	HEALT	'H UNIT°		MOEE MTO	X	MAFR <i>A</i> MMAH		MNDM MNR	X
MUNICIPALITIES IN	IVOLVED: C	ity of Burlingt	on, Town of O	akville, Regiona	al Mun. of H	lalton				

# 71		SIX	TEEN MI	LE CREE	K WATE	RSHE	D PLAN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Dan Stevens (905) 825-60 01-Jan-94 Lake Ontario Halton Regio Central	30 ext. 763	Lead Agency: Fax: Completion Date: Main Land Use: Area Municipality: MNR District: STUDY AREA CHARACTERIST				Region of Halton (905) 825-0267 01-Aug-96 Agricultural Reg. Mun. of Halton Maple			
			STUDY	AREA CH	ARACTI	ERIST	CS•			
POPULAT	ION:							SIZ	ΣΕ (KM2):	350
LANDUSE: % [EVELOPED:	20	% AGRICU	LTURAL:	80	%	OPEN:	0	% FORES	ST: 0
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	ilow water y	X X	Aquatic Life Wetland/AN Municipal V Municipal S Stream Cha Waste Disp ment pressur	NSIs Vater Sewage annel/Buffe posal	r	X X X	Private Aggreg	/Commur lates ortation	nal Water nal Sewage	
STUDY STATUS: Digital Data Available?	completed	Implemen		ETION AN tegy Prepar nted?		EMEN'	Monito	ring Strate	egy Preparederway?	d? ∑
			FINANC	IAL INFO	RMATIC	N				
TOTAL COST: \$20 DATA INVENTORY, PUBLIC CONSULT, PLAN FORMULATION REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION:- ON/EVALUATIO GS:-				Hydro Hydro Water Aquati Strear Terres Mappi	logy/floo geology Quality ic Reso m Morph strial Re	:- urces:- nology:- sources:- i Manageme		ysis:	
			STUDY	PARTIC	IPATION	ı				
# STEERING MEME # TECHNICAL MEM		10•			# PUBL OTHER		ISORY MEN	MBERS:		
AGENCIES INVOLVED:										
(Cont.)	UPPER X	HEALTI	H UNIT		MOEE MTO	X	MAFRA MMAH		MNDM MNR	M IX
MUNICIPALITIES II	NVOLVED: R	tegional Mun. c	of Halton, City	of Burlington,	Town of Oal	kville, Tov	vn of Milton, To	wn of Halto	n Hills.	

# 72	SOUTH F	KESWICK DEVELO	PED AREA	SUBWA	TERSHED	PLAN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream:	Stewart Beatty (905) 669-5571 01-Jan-95 Cooks Bay	Fa Co M	ead Agency: ax: ompletion Date ain Land Use:	(9) e: 01	Metrus Development Inc. (905) 669-2134 01-Sep-96 Town of Georgina				
CA Involved: MOEE Region:	Lake Simcoe Region SouthWestern		ea Municipality NR District:		own of Georgi aple	na			
		STUDY AREA	A CHARACT	ERISTIC	:S•				
POPULATI	ON:	G16217414 <u>2</u>				SIZE	(KM2):		
LANDUSE: % D	EVELOPED:	% AGRICULTUR	RAL:	% O	PEN:		% FOREST:		
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	low	Aquatic Life/Fish Wetland/ANSIs Municipal Water Municipal Sewag Stream Channel/ Waste Disposal	e		Private/Co Private/Co Aggregate Transport Agriculture	ommunal es ation			
	P	LAN COMPLETIO	N AND IMPL	.EMENT	ATION•				
STUDY STATUS: Digital Data Available?		ementation Strategy F Being Implemented?	repared?		Monitoring Monitoring		y Prepared? vay?	×	
		FINANCIAL	NFORMATIO	ON					
TOTAL COST: DATA INVENTORY/ PUBLIC CONSULTA PLAN FORMULATIO REPORTS/MEETING OTHER COMPONE	ATION:- DN/EVALUATION:- GS:-		Hydro Hydro Water Aquat Strea Terre Mapp	ology/flood ogeology:- r Quality:- tic Resour m Morpho strial Reso	rces:- blogy:-		is:		
CONTRIBUTORS:	Metrus Developmer	nt							
		STUDY PAR	RTICIPATION						
# STEERING MEME # TECHNICAL MEM			# PUBL OTHER		SORY MEMB	ERS:			
AGENCIES INVOLVED:									
100	UPPER 🔼 HE Lower 🕱	EALTH UNIT	MOEE MTO		MAFRA MMAH		MNDM MNR	X	
MUNICIPALITIES IN	NVOLVED: Town of 0	Georgina - Town of Keswick	<u>.</u>						

# 73			SOUTH	SIDNEY V	VATERS	HED P	LAN				
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Glenda Rod (613) 394-4 23-Nov-93 Bay of Quin Lower Trent Eastern	829 te	Lead Agency: Fax: Completion Date: Main Land Use: Area Municipality: MNR District: STUDY AREA CHARACTERI				Lower Trent Region CA (613) 394-5226 01-Mar-95 Agricultural Hastings County Tweed				
			STUDY	AREA CH	IARACT	ERISTI	CS•				
POPULA1	TION: 5000							SIZ	E (KM2): 5	7	
LANDUSE: %	DEVELOPED:	5	% AGRIC	CULTURAL:	35	% (OPEN: 1	0	% FOREST:	50	
STUDY ISSUES: Surface Water - Flood Surface Water - Low Surface Water - Storn Ground Water Quality Ground Water Quality TRIGGER AND OTHER	Flow nwater ty		Wetland/A Municipal Municipal Stream C Waste Dis	Water Sewage hannel/Buffe				ates ortation	aal Water aal Sewage		
		DI AA	LCOMPI	ETION AN	ID IMPL		TATIONS				
STUDY STATUS: Digital Data Available	completed	Impleme		rategy Preparented?		EWEN I	Monitor	ing Strate	egy Prepared? rway?		
			FINAN	CIAL INFO	RMATIO	ON•					
DATA INVENTORY PUBLIC CONSULT PLAN FORMULAT REPORTS/MEETIN OTHER COMPONI	TATION: ION/EVALUATIONGS: ENTS?:° Impl	ON: ementation ntory of exis	\$22,7 \$13,4 of plan - \$	350.00 700.00 860.00	Hydro Hydro Water Aquat Strea Terres Mapp	ology/floo ogeology: r Quality: tic Resou m Morph strial Res	- urces:- ology:- sources:- Manageme		\$21,600.00 \$0.00 \$24,600.00 \$8,400.00 \$0.00 \$0.00 \$46,200.00		
CONTRIBUTORS:	Provincial - 5	50%, grant;	Municipalit	ty - 50%							
			STUD	Y PARTIC	IPATION	N•					
# STEERING MEM # TECHNICAL MEI		8 6			# PUBL		SORY MEN	IBERS:	10		
AGENCIES INVOLVED):										
PUBLIC X OTHER: Bay of C	UPPER X LOWER X		H UNIT	100	MOEE MTO	X	MAFRA MMAH	X	MNDM MNR	X	
MUNICIPALITIES	INVOLVED:	Twp. of Sidney									

# 74		SPENCE	R CREEK	(WATERS	SHED M	ANAGE	EMENT ST	TUDY			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Scott Konkl (905) 525-2 01-Jan-90 Cootes Para Hamilton Ro West Centr	181 ext. 13 adise egion	30	Main La	etion Date and Use: unicipality	(: : : F	Hamilton Region CA (905) 648-4622 Open Reg. Mun. of Hamilton-Wentworth Cambridge				
			STUDY	AREA CH	IARACT	ERIST	CS•				
POPUL	ATION: 80000							SIZE	E (KM2): 1	171	
LANDUSE:	% DEVELOPED:	5	% AGRIC	ULTURAL:	5	%	OPEN:	90	% FOREST:	0	
STUDY ISSUES: Surface Water - Flo Surface Water - Lov Surface Water - Sto Ground Water Qual Surface Water Qual Ground Water Qual TRIGGER AND OTH	w Flow ormwater ntity lity ity	X X X X X	Wetland/A Municipal Municipal	Water Sewage nannel/Buffe posal	er	X X X X	Private Aggre	ortation		X X X	
THIOSER AND OTH	EK 1000E0.		-								
STUDY STATUS: Digital Data Available	ongoing	Impleme		ETION AN ategy Prepa ented?		EMEN	Monito	ring Strate ring Under	gy Prepared? way?	30 30	
			FINANC	CIAL INFO	RMATIO	ON•					
DATA INVENTOR	LTATION:- \TION/EVALUATI\ FINGS:-	DN:-			Hydro Hydro Water Aquat Strea Terres Mapp	ology/floo ogeology r Quality tic Reso m Morph strial Re	:- urces:- nology:- sources:- a Manageme		sis:		
CONTRIBUTORS	S: HRCA: 50%	, Environm	ent Canada	a: 50%							
			STUD	Y PARTIC	IPATION	/ •					
# STEERING ME # TECHNICAL M		15			# PUBL		ISORY ME	MBERS:			
AGENCIES INVOLVI	ED:										
PUBLIC X OTHER: Vario	UPPER X LOWER X		TH UNIT		MOEE MTO	X	MAFR MMAH		MNDM MNR	X	
MUNICIPALITIE	S INVOLVED:	Regional Mur	n. of Hamilton-V	Wentworth, Tov	vn of Dunda	s, City of H	Hamilton, Towr	of Flamborou	ugh, Town of Anca	aster.	

# 75		ST	ONEY C	REEK SUB	WATER	SHED	STUDY					
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Ron Standis (519) 661-49 01-Jun-93 Upper Tham Upper Tham SouthWeste	978 es River es River		Lead Ag Fax: Complet Main Lar Area Mu MNR Dis	ion Date: nd Use: nicipality:	(5 0 A M	City of London (519) 661-5931 01-May-95 Agricultural Middlesex County Aylmer					
			STUDY	AREA CHA	ARACTI	ERISTI	CS•					
POPULATI	ON: 16000							SIZE	E (KM2): 3	88		
LANDUSE: % [EVELOPED:	13	% AGRIC	ULTURAL:	63	% (OPEN:	15	% FOREST:	9		
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	rlow water y	Frotecti	Wetland/A Municipal Municipal	Water Sewage hannel/Buffer sposal		X X X X	Private Aggreg	ates ortation	al Water al Sewage	X X X		
		ΡΙ ΔΙ		ETION AN) IMPLI	EMENT	ΔTION•					
STUDY STATUS: Digital Data Available?	completed	Impleme		ategy Prepare		X X	Monito	ring Strate ring Under	gy Prepared? way?			
			FINAN	CIAL INFOR	RMATIC	N•						
DATA INVENTORY/ PUBLIC CONSULT/ PLAN FORMULATION REPORTS/MEETIN OTHER COMPONE	ATION: ON/EVALUATIO GS: NTS?:		\$111,00 \$14,00 \$94,00 \$36,00	00.00 00.00	Hydro Hydro Water Aquati Strear Terres Mappi	logy/floo geology: Quality: ic Resou n Morph trial Res	rces: ology: ources: Manageme Aquatic and	ent: d Terrestrial I	\$25,500.00 \$19,000.00 \$24,500.00 \$5,000.00 \$10,000.00 \$7,000.00 \$20,000.00 Resources work do ity of London Sw S))))) one as a		
CONTRIBUTORS:	City of Londo	on: 50%, C	A: 50%									
			STUD	Y PARTICII	PATION	l						
# STEERING MEME # TECHNICAL MEM		0 11			# PUBL OTHER		SORY MEN	MBERS:	0			
AGENCIES INVOLVED:												
PUBLIC 🕱	UPPER X LOWER X Development Institute		TH UNIT on - Environm	N	MOEE MTO al Planning	Advisory C	MAFRA MMAH Committee, Ag	×	MNDM MNR visory Committee.	X		
MUNICIPALITIES II	NVOLVED:	⁄liddlesex Coι	unty, City of Lo	ondon, West Niss	ouri Twp.							

# 76		SUB-BAS	SIN 8 JOS	SHUA CR	EEK SUE	SWATE	ERSHED F	PLAN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Bill Butler (905) 845-66 01-May-92 Joshua's Cre Halton Regio Central	ek	Completion Date:			: 2 / /: F	Town of Oakville (905) 815-2025 22-Sep-92 Agricultural Reg. Mun. of Halton Cambridge				
			STUDY	AREA CI	HARACT	ERIST	ICS•				
POPULATION	ON: 5000							SIZ	ZE (KM2):	5	
LANDUSE: % D	EVELOPED:	10	% AGRICI	ULTURAL:	80	%	OPEN:	0	% FOREST:	10	
STUDY ISSUES: Surface Water - Floodin Surface Water - Low Fl Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality	low water '	X	Wetland/A Municipal Municipal	Water Sewage nannel/Buff posal			Private Aggre	e/Commu gates portation	nal Water nal Sewage		
TRIGGER AND OTHER	155UE5:	<u> </u>	· ·								
STUDY STATUS: Digital Data Available?	completed	Implemen		ETION A ategy Prepa ented?		EMEN'	Monito	ring Strat ring Und	tegy Prepared? erway?		
			FINANC	CIAL INFO	ORMATIC	ON					
DATA INVENTORY// PUBLIC CONSULTA PLAN FORMULATIO REPORTS/MEETING OTHER COMPONE	ATION:- DN/EVALUATIOI GS:-				Hydro Hydro Water Aquat Strea Terres Mapp	ology/floo ogeology r Quality tic Reso m Morpl strial Re	:- urces:- nology:- sources:- a Manageme		lysis:		
			STUD	Y PARTIC	CIPATION	1					
# STEERING MEMB # TECHNICAL MEM		6• 4•			# PUBL		ISORY ME	MBERS:	0		
AGENCIES INVOLVED:											
1531	JPPER X LOWER X	HEALT	H UNIT°		MOEE MTO	X	MAFR MMAH		MNDM MNR	X	
MUNICIPALITIES IN	IVOLVED: H	alton Region,	Town of Oak	ville.							

March 1997

# 77		SU	JBWATEF	RSHED N	IO. 12 C	REDIT	RIVER			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Hazel Breton (905) 670-16 01-Jan-92 Credit River Credit Valley Central	S15 ext. 235 Fax Coo Ma Are			gency: etion Date: and Use: unicipality istrict:	(! : 0 F : T	Credit Valley CA (905) 670-2210 01-Feb-93 Forest Town of Caledon/Halton Hills Aurora			
			STUDY A	AREA CH	IARACT	ERISTI	CS•			
POPULATION	ON: 4000							SI	ZE (KM2): 8	35
LANDUSE: % D	EVELOPED:	2 %	6 AGRICUI	LTURAL:	30	%	OPEN:	30	% FOREST:	38
STUDY ISSUES: Surface Water - Floodin Surface Water - Low Fl Surface Water - Stormy Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	ow water	X V X S X V	Aquatic Life, Vetland/AN Municipal W Municipal So Stream Cha Vaste Dispo ental protecti	ISIs /ater ewage annel/Buffe osal		X X C C C D D D D D D D D D D D D D D D	Private Aggre Trans Agricu	e/Commu gates portation Ilture	inal Water inal Sewage	
		DI ANI	COMPLE	TION AN	ID IMDI		TATION:			
STUDY STATUS: Digital Data Available?	completed	Implement	COMPLE tation Strate Implemen	egy Prepa			Monito	oring Stra	tegy Prepared? erway?	
			FINANCI	IAL INFC	RMATIC	ON•				
DATA INVENTORY// PUBLIC CONSULTA PLAN FORMULATIC REPORTS/MEETING OTHER COMPONED CONTRIBUTORS:	TION: DN/EVALUATION GS:		\$0 \$5,000	0.00 0.00 0.00	Hydro Hydro Water Aquat Strear Terres Mappi	logy/floo geology Quality: ic Resou m Morph strial Res	- urces:- nology:- sources:- Managem	-	\$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$0.00 \$5,000.00 \$5,000.00)))
			STUDY	PARTIC	IPATION	1				
# STEERING MEMB # TECHNICAL MEM		12 0			# PUBL OTHER		SORY ME	MBERS:	0	
AGENCIES INVOLVED:										
PUBLIC 🔲 I	JPPER DOWN SCARPMENT COMMISS	HEALTH ion.			MOEE MTO		MAFF MMAF		MNDM MNR	X
WICHICIFALITIES IN	IVOLVED. IC	wil of Calcull	i, rowirdi Gal	ouon i IIIIo.						

# 78			SUBWAT	ERSHED N	O. 15 C	REDIT	RIVER				
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Hazel Bre (905) 670 01-Jan-9 ² West Cre Credit Val Central	-1615 ext. 2 1 dit River	Lead Agency Fax: Completion I Main Land U Area Municip MNR District			(905) 670-2210 Date: Jse: Agricultural pality: Twp. of Erin, We					of Pe
			STUDY	AREA CH	ARACT	ERISTIC	CS•				
POPULAT	TON: 4500							SIZ	ΣΕ (KM2):	110	
LANDUSE: %	DEVELOPED:	5	% AGRIC	CULTURAL:	75	% (OPEN:	0	% FORES	ST:	20
STUDY ISSUES: Surface Water - Flood Surface Water - Low I Surface Water - Storm Ground Water Quanti Surface Water Quality Ground Water Quality	Flow nwater ty	X X X X	Wetland/A Municipal Municipal Stream C Waste Dis	Water Sewage hannel/Buffer		X X X X		Commurates	nal Water nal Sewage		X X
TRIGGER AND OTHER	R ISSUES:			<u> </u>		•					_
STUDY STATUS: Digital Data Available?	ongoing	Impler		ETION AN rategy Prepard ented?		EMENT	Monitor	ing Strate	egy Prepared erway?	d?	
			FINAN	CIAL INFO	RMATIO	NC					
TOTAL COST: \$5 DATA INVENTORY PUBLIC CONSULT PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE	TATION: ION/EVALUAT NGS:	FION: -,000	\$1,0 \$10,0	000.00 000.00 000.00	Hydro Hydro Wate Aqua Strea Terre Mapp	ology/floo ogeology: r Quality: tic Resou m Morphe strial Res	rces: ology:		\$0 \$18,000 \$1,500 \$0 \$0 \$1,500	.00 .00 .00	
CONTRIBUTORS:	CVCA - 50)%, MNR ;	Erin (t) - 16.7	7 %, Erin (v)- 1	6.7%; C	aledon -	16.7%				
			STUD	Y PARTICI	PATIO	N					
# STEERING MEM # TECHNICAL MEN		15 17			# PUBL		SORY MEM	MBERS:	C)	
AGENCIES INVOLVED):										
CA PUBLIC OTHER:	UPPER DELOWER	24	LTH UNIT		MOEE MTO	X	MAFR <i>A</i> MMAH	X	MNDM MNR	1 <u> </u>	
MUNICIPALITIES I	INVOLVED:	Twps. of Hi	lsburgh, Erin, Al	lton, Belfountain,	Town of C	aledon, Vill	age of Erin.				

# 79		S	UBWATE	ERSHED I	NO. 19 C	REDIT	RIVER			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Vicki Barron (905) 670-16 01-Jan-93 Upper Credi Credit Valley Central	615 ext. 23 t River	5	Fax: Compl Main L	agency: etion Date and Use: lunicipality District:	(: : ,	Credit Valle 905) 670-2 Agricultural Fownship o Midhurst	2210	'n	
			STUDY	AREA CH	HARACT	ERIST	CS•			
POPULAT	ION: 15000							SIZ	E (KM2): 6	0
LANDUSE: % [DEVELOPED:	25	% AGRIC	ULTURAL:	50	%	OPEN:	25	% FOREST:	0
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow nwater ry	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Wetland/A Municipal Municipal Stream Ch Waste Dis	Water Sewage hannel/Buffe		Totection.	Private Aggre	gates portation	nal Water nal Sewage	
MIGGEN AND OTHER	. 100020.									
STUDY STATUS: Digital Data Available?	ongoing	Impleme		LETION AI ategy Prepa ented?		EMEN	Monito	oring Strate	egy Prepared? erway?	X
			FINAN	CIAL INFO	ORMATIO	ON				
DATA INVENTORY PUBLIC CONSULT PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE	ATION: ON/EVALUATIC IGS:	ON:	\$275,00 \$10,00 \$40,00 \$25,00	00.00 00.00	Hydro Hydro Water Aquat Streat Terres Mapp	ology/floo ogeology r Quality tic Reso m Morph strial Re	: urces:		ysis: \$60,000.00 \$100,000.00 \$20,000.00 \$25,000.00 \$25,000.00 \$25,000.00	
CONTRIBUTORS:	MNR: 50%; ⁻	Town of Ora	angeville: 2	21%; MMA:	12%, grar	nt				
			STUD	Y PARTIC	IPATION	1				
# STEERING MEM # TECHNICAL MEM		21 15			# PUBL	_	ISORY ME	MBERS:	12	
AGENCIES INVOLVED	:									
PUBLIC X OTHER:	UPPER K	HEAL1	TH UNIT		MOEE MTO	X	MAFR MMAI		MNDM MNR	X
MUNICIPALITIES I	NVOLVED:	Гwps. of Amar	anth, East Ga	arafraxa, & Mor	no, Town of C	Caledon &	Orangeville			

# 80		Т	HAMES	RIVER V	ALLEYLA	NDS S	TUDY			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Ron Standish (519) 661-497 01-May-93 Thames River Upper Thame SouthWestern	78 r s River		Fax: Compl Main L Area N	Agency: letion Date: _and Use: Municipality District:	(5 : 0 A : C	ity of London 19) 661-5931 1-May-95 gricultural ity of London ylmer			
			STUDY	AREA CI	HARACT	ERISTIC	CS•			
POPULAT	ION:							SIZE	(KM2): 50)
LANDUSE: % [DEVELOPED:	•	% AGRICI	ULTURAL:		% (OPEN:		% FOREST:	
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow water y	X X	Wetland/A Municipal ! Municipal ! Stream Ch Waste Dis	Water Sewage nannel/Buff	er		Private/Co Private/Co Aggregate Transport Agriculture	ommunal es ation		 X
		DI AN	COMPI	ETION A	ND IMPI	EMENT	ATION•			
STUDY STATUS: Digital Data Available?	completed	Implemen		ategy Prepa			_		y Prepared? vay?	
			FINAN(CIAL INFO	ORMATIC	ON•				
DATA INVENTORY, PUBLIC CONSULT, PLAN FORMULATIC REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION: ON/EVALUATION GS:		\$89,00 \$10,00 \$99,00 \$22,00	00.00 00.00	Hydro Hydro Water Aquat Strear Terres Mappi	logy/floo geology: Quality: ic Resou m Morphe strial Res	rces:- ology:- ources:- Management: Aquatic and Te	- errestrial Re	\$25,000.00 \$18,000.00 \$14,000.00 \$5,000.00 \$7,000.00 \$5,000.00 \$15,000.00 esources work doily of London Sw St	
			STIID.	Y PARTIC	PIDATION					
# STEERING MEMI # TECHNICAL MEM	MBERS:	16	3100	I FAKIK		IC ADVI	SORY MEMB	ERS:		
C A	LIBBED	HEALTI	LI I INIIT	_	MOEE	_	MAFRA	_	MNDM	_
PUBLIC 🕱	LOWER X Development Institute,			ental & Ecolog	MTO	Advisory C	MMAH	☐ X Itural Advis	MNR	×
MUNICIPALITIES II	NVOLVED: Mi	ddlesex Coun	nty, City of Lo	ndon, London	Twp.					

# 81		TH	OMPSON	CREEK S	UBWAT	ERSHE	D STUDY	,		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	John Merriar (705) 745-5 01-May-93 Otonabee R Otonabee R Eastern	791 iver		Fax: Compl Main L Area M	Agency: etion Date and Use: Junicipality District:	(e: C	Otonabee R 705) 745-7 01-May-94 Developed City of Peter	488		
			STUDY	AREA CH	HARACT	ERISTI	CS•			
POPULAT	TON: 25000							SIZ	ZE (KM2): 0	I
LANDUSE: % [DEVELOPED:	25	% AGRIC	ULTURAL:	40	%	OPEN:	10	% FOREST:	30
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantity Ground Water Quality TRIGGER AND OTHER	Flow nwater ty	X X X Develo	Wetland/A Municipal Municipal	Water Sewage hannel/Buffe sposal			Private Aggree	e/Commul gates portation	nal Water nal Sewage	
					VID 11401		TATION.			
STUDY STATUS: Digital Data Available?	completed	Implem	entation Straeing Impleme	ategy Prepa		EWEN X	Monito	oring Strat oring Unde	egy Prepared? erway?	X
			FINAN	CIAL INFO	ORMATIO	ON•				
DATA INVENTORY PUBLIC CONSULT PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE	ATION: ON/EVALUATIC IGS:	ıN:	\$8,0	000.00 000.00 000.00 000.00	Hydro Hydro Wate Aqua Strea Terre Mapp	ology/floo ogeology r Quality tic Reso m Morph strial Res	: urces: nology:		\$0.00 \$5,000.00 \$3,000.00 \$4,000.00 \$0.00 \$0.00	
CONTRIBUTORS:	Private deve	opers - 10)0%							
			STUD	Y PARTIC	IPATIO	N				
# STEERING MEMI # TECHNICAL MEM		5 5			# PUBL		ISORY ME	MBERS:	0	
AGENCIES INVOLVED	:									
CA RIPUBLIC COTHER:	UPPER DELOWER	HEAL	TH UNIT°		MOEE MTO		MAFR MMAH	1	MNDM MNR	X
MUNICIPALITIES I	NVOLVED: (City of Peterb	oorough.							

# 82		UPPER DODD'S	CREEK					
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Doug Stanlake (519) 661-4980 01-Jun-93 Thames River Upper Thames River SouthWestern	Lead Agency: Fax: Completion D Main Land Us Area Municipa MNR District:	(519) 661-5 ate: e: Agricultural	City of St. Thomas				
		STUDY AREA CHARA	CTERISTICS•					
POPULATI	ION:			SIZE (KM2): 19	54			
LANDUSE: % [DEVELOPED:	% AGRICULTURAL:	% OPEN:	% FOREST:				
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	water	Aquatic Life/Fisheries Wetland/ANSIs Municipal Water Municipal Sewage Stream Channel/Buffer Waste Disposal	Private Aggree	ortation				
	PL <i>A</i>	N COMPLETION AND IM	PLEMENTATION•					
STUDY STATUS: Digital Data Available?		entation Strategy Prepared? eing Implemented?	and the second s	ring Strategy Prepared? ring Underway?				
		FINANCIAL INFORMA	TION					
DATA INVENTORY/ PUBLIC CONSULT/ PLAN FORMULATION REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION:- ON/EVALUATION:- GS:	Hy Hy Wa Aq Str Te Ma	eakdown of Data Invendrology/flood/erosion:-drogeology:-ater Quality:-uatic Resources:-ream Morphology:rrestrial Resources:apping/Data Managementer Costs?-	\$0.00• \$0.00•	•			
		STUDY PARTICIPATI	ON					
# STEERING MEME # TECHNICAL MEM			JBLIC ADVISORY MEI IER?	MBERS:				
AGENCIES INVOLVED:								
E-mills	UPPER 🔀 HEAI LOWER 🕱	TH UNIT° ☐ MOEE MTO	E ☐ MAFR ☐ MMAH					
MUNICIPALITIES II	NVOLVED: City of St. Tr	omas, Port Stanley, Elgin County, Tow	n of Belmont,					

# 83		UPPE	R NO NA	ME CREE	K WAT	ERSHE	D STUD	Y		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Ernie Marge (613) 968-34 01-Jan-93 Moira River Moira River Eastern			Lead Ag Fax: Complet Main Lar Area Mu MNR Dis	ion Date: nd Use: nicipality:	((: 0 E : C	doira River 613) 968-8 1-May-95 reveloped ity of Bellev	240		
			STUDY /	AREA CHA	ARACTI	ERISTI	CS•			
POPULAT	ION: 5000							SI	ZE (KM2): 6	
LANDUSE: % [DEVELOPED:	41 9	% AGRICU	LTURAL:	30	% (OPEN:	29	% FOREST:	0
STUDY ISSUES: Surface Water - Flood Surface Water - Low F Surface Water - Storm Ground Water Quantit Surface Water Quality Ground Water Quality TRIGGER AND OTHER	Flow Iwater y		Aquatic Life Wetland/AN Municipal W Municipal S Stream Cha Waste Disp	NSIs Vater sewage annel/Buffer osal			Private Aggre	e/Commu gates portation	inal Water inal Sewage	
			-		D IMPL		ATION			
STUDY STATUS: Digital Data Available?	completed	Implement		egy Preparented?			Monito	oring Stra	itegy Prepared? lerway?	
			FINANC	IAL INFO	RMATIC	N				
DATA INVENTORY, PUBLIC CONSULT. PLAN FORMULATI REPORTS/MEETIN OTHER COMPONE	ATION: ON/EVALUATIO IGS:	N:	\$35,000 \$4,000 \$5,000 \$16,000	0.00 0.00	Hydro Hydro Water Aquati Strear Terres Mappi	logy/floc geology Quality: ic Resou m Morph strial Res	ırces: ology:		\$7,000.00 \$0.00 \$10,000.00 \$7,000.00 \$0.00 \$6,000.00 \$5,000.00	
CONTRIBUTORS:	MNR/CA (50	%), City of B	elleville (25	5%),Twp. of	Thurlow	(25%)				
			STUDY	PARTICII	PATION	I				
# STEERING MEMI # TECHNICAL MEN		8 5			# PUBL OTHER	_	SORY ME	MBERS:	0	
AGENCIES INVOLVED	:									
[E22]	UPPER LOWER X	HEALTH	ł UNIT		MOEE MTO		MAFR MMAH		MNDM MNR	
MUNICIPALITIES I	NVOLVED: 0	City of Belleville,	Twp of Thurl	ow.						

# 84		UPPER	SHOEM	AKER CF	EEK W	ATERSH	IED PLA	N			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Dave Mansell (519) 741-24 01-Jan-92 Schneider Riv Grand River SouthWester	19 Fax: Completion Date: wer Main Land Use: Area Municipality: n MNR District:					City of Kitchener (519) 741-2633 01-Jun-93 Agricultural City of Kitchener Cambridge				
			STUDY A	REA CH	ARACTE	ERISTIC	S•				
POPULATI									_ (/ .	5	
	EVELOPED:	15	% AGRICUI	LTURAL:	45	% O	PEN: 2	0	% FOREST:	20	
STUDY ISSUES: Surface Water - Floodi Surface Water - Low F Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	low water /		Aquatic Life, Wetland/AN Municipal W Municipal So Stream Cha Waste Dispo	ISIs /ater ewage .nnel/Buffe osal		X C C C C C C C C C C C C C		ates ortation	al Water al Sewage		
		ΡΙΔΝ	COMPLE	TION AN	D IMPLE	MENTA	ATION•				
STUDY STATUS: Digital Data Available?	completed	Implemen	tation Strate g Implemen	egy Prepar		X	Monitor	ing Strate ing Under	gy Prepared? way?		
			FINANCI	AL INFO	RMATIO	N					
DATA INVENTORY/ PUBLIC CONSULTA PLAN FORMULATIO REPORTS/MEETIN OTHER COMPONE CONTRIBUTORS:	ATION:- DN/EVALUATIOI GS:-				Hydrol Hydrog Water Aquati Strean Terres Mappi	ogy/flood geology:- Quality:- c Resour n Morpho trial Reso	logy:-		sis:		
			STUDY	PARTIC	PATION						
# STEERING MEME # TECHNICAL MEM		10			# PUBLI		ORY MEN	IBERS:			
AGENCIES INVOLVED:											
152	UPPER KI	HEALTI	H UNIT°		MOEE MTO		MAFRA MMAH		MNDM MNR	X	
MUNICIPALITIES IN	NVOLVED: C	ity of Kitchene	r, Region of W	aterloo.							

# 85			UXBKIDG	SE BROOK	WATER	RSHED	PLAN			
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Alex Grant (905) 852-9 ⁻¹ 01-Nov-95 Lake Simcoo Lake Simcoo SouthWeste	e Region		Fax: Compl Main L	agency: etion Date and Use: Iunicipality District:	(§ :: A v: T	ownship of l 905) 852-96' gricultural ownship of l lidhurst	74	Lake Simcoe C	А
			STUDY	AREA CH	HARACT	ERISTI	CS•			
POPULA ⁻	ΓΙΟΝ:							SIZE	(KM2): 19	92
LANDUSE: %	DEVELOPED:	3	% AGRIC	ULTURAL:	50	% (OPEN: 19	9	% FOREST:	28
STUDY ISSUES: Surface Water - Flood Surface Water - Low Surface Water - Storr Ground Water Quality Ground Water Quality TRIGGER AND OTHE	Flow nwater ity /	X X X X X	Wetland/A Municipal Municipal Stream C Waste Dis	Water Sewage hannel/Buffe sposal	er	X X X X		ites rtation ure	al Sewage	X X X X
							-	•		
STUDY STATUS: Digital Data Available	ongoing	Impleme		ategy Prepa ented?		EMENI	Monitori	ng Strate ng Under	gy Prepared? way?	
			FINAN	CIAL INFO	ORMATIO	NC				
TOTAL COST: \$8 DATA INVENTORY PUBLIC CONSULT PLAN FORMULAT REPORTS/MEETII OTHER COMPON CONTRIBUTORS:	FATION: ION/EVALUATIC NGS: ENTS?: Cons	traint map	\$8,0 \$15,0 \$9,0 ping/model	000.00 000.00 000.00 000.00 Illing - \$9,000	Hydro Hydro Water Aquat O° Strea Terres Mapp Other	ology/floo ogeology: r Quality: tic Resou m Morph strial Res ing/Data · Costs?	irces: ology:		\$9,000.00 \$15,000.00 \$5,000.00 \$2,500.00 \$2,500.00 \$2,000.00 \$8,000.00	
			STUD	Y PARTIC	IPATION	١				
# STEERING MEM # TECHNICAL ME AGENCIES INVOLVED	MBERS:	0			# PUBL OTHER	-	SORY MEM	BERS:		
CA PUBLIC X	UPPER X		TH UNIT	X	MOEE MTO	X X	MAFRA MMAH		MNDM MNR	X
MUNICIPALITIES	INVOLVED: F	Region of Yor	k, Durham, Tv	vps of Uxbridge	e, Brock, Scu	gog.				

# 86		WAF	REN CRE	EK WAT	ERSHE	MAST	TER PLAI	N		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Ed Dujlovic (905) 356-75 30-Aug-93 Welland Rive Niagara Peni West Central	r nsula	20	Fax: Compl Main L	agency: etion Date and Use: lunicipality District:	(: C : C	City of Niago 905) 356-9 01-May-96 Agricultural City of Niago Cambridge	083		
			STUDY	AREA CI	IARACT	ERISTI	CS•			
POPULATI	ON: 100							S	IZE (KM2): 6	i
LANDUSE: % D	EVELOPED:	15	% AGRICU	JLTURAL:	55	%	OPEN:	30	% FOREST:	0
STUDY ISSUES: Surface Water - Floodin Surface Water - Low Fl Surface Water - Storm Ground Water Quantity Surface Water Quality Ground Water Quality TRIGGER AND OTHER	low water '	X	Aquatic Life Wetland/Al Municipal V Municipal S Stream Cha Waste Disp ce Protection	NSIs Vater Sewage annel/Buffe	er		Private Aggre	e/Commugates	unal Water unal Sewage	
		DLAN	I COMPLI	ETION AI	ID IMDI	EMENI	TATIONA			
STUDY STATUS: Digital Data Available?	ongoing	Impleme	ntation Straing Impleme	tegy Prepa			Monito	oring Stra	ategy Prepared? derway?	
			FINANC	IAL INFO	ORMATIC	ON•				
DATA INVENTORY// PUBLIC CONSULTA PLAN FORMULATIO REPORTS/MEETING OTHER COMPONE	ATION: DN/EVALUATIOI GS:		\$11,58	5.00 0.00	Hydro Hydro Water Aquat Strear Terres Mapp	logy/floo geology Quality ic Resort m Morph strial Res	:- urces:- nology:- sources:- ı Managem		\$13,980.00 \$4,479.00 \$0.00 \$6,375.00 \$0.00 \$4,005.00 \$12,830.00	
			STUDY	PARTIC	IPATION	1				
# STEERING MEMB # TECHNICAL MEM		11			# PUBL		ISORY ME	MBERS:	:	
AGENCIES INVOLVED:										
LESS.	UPPER X LOWER X	HEALT	'H UNIT°		MOEE MTO	X	MAFR MMAH			X
MUNICIPALITIES IN	IVOLVED: C	ity of Niagara	ı Falls.							

# 87		WEST	HUMBE	R RIVER	SUBWA	TERSI	HED STU	DY		
KEY CONTACT: Phone: Initiation Date: Receiving Stream: CA Involved: MOEE Region:	Carl Brawley (905) 874-207 01-Nov-93 Main Humber I Metro Toronto Central	Completio River Main Land			etion Date and Use: lunicipality	(905) 874-2099 ion Date: nd Use: Agricultural nicipality: City of Bramptor				
			STUDY	AREA CH	IARACT	ERIST	ICS•			
POPULATIO	ON: 30000							SI	ZE (KM2):	210
LANDUSE: % DE	EVELOPED:	20	% AGRIC	ULTURAL:	60	%	OPEN:	10	% FOREST:	10
STUDY ISSUES:										
Surface Water - Floodin	-	×	Aquatic Lif Wetland/A	fe/Fisheries		×			inal Water	
Surface Water - Low Flo Surface Water - Stormw		X	Municipal			×		e/Commu egates	ınal Sewage	
Ground Water Quantity		X	Municipal					portation		
Surface Water Quality		×		nannel/Buffe	er		Agricu	-		
Ground Water Quality		X	Waste Dis	posal			· ·			
TRIGGER AND OTHER I	SSUES:	Develop	ment pressu	ures and mun	icipal landu		ning.			
		PLAN	I COMPL	ETION AN	ND IMPL	EMEN	TATION•			
STUDY STATUS:	ongoing			ategy Prepa				oring Stra	tegy Prepared?	E
Digital Data Available?			ng Impleme			 X		oring Und		X
<u> </u>	(22)									
			FINAN	CIAL INFO	PRMATIC	ON•				
TOTAL COST: \$193	3,500.00				Break	down c	of Data Inve	ntory/Ana	lysis:	
DATA INVENTORY/A	NALYSIS:		\$125,00	00.00			od/erosion:		\$25,000.00	0
PUBLIC CONSULTA	TION:		\$8,00	00.00	Hydro	geolog	y:-		\$0.00	D
PLAN FORMULATIO		:	\$25,00			r Quality			\$5,000.00	
REPORTS/MEETING			\$33,00	00.00	•		ources:-		\$15,000.00	
OTHER COMPONEN	NTS?:						hology:-		\$10,000.00	
							esources:-		\$8,000.00	
						ing/Dat Costs?	a Managem	nent:-	\$14,000.00	J
					Other	COSIS!	· -			
CONTRIBUTORS:	Private, land de	evelopers	- 100%							
	•	'								
			STUD	Y PARTIC	IPATION	۷•				
# STEERING MEMBI	ERS: 2	24			# PUBL	IC AD\	/ISORY ME	MBERS:		
# TECHNICAL MEME	BERS:	12			OTHER	R?				
AGENCIES INVOLVED:										
1531	IPPER 🔀	HEALT	H UNIT		MOEE	×	MAFF	1000	MNDM	
PUBLIC 🔲 L	OWER 🔀				МТО	×	MMAI		MNR	X
OTHER: Action to R	estore a Clean Humb	er (ARCH)								
MUNICIPALITIES IN	VOLVED: Cal	ledon, Bram	pton, Vaugha	n, Peel						



appendix C:

REGISTRATION FORM

			REGIST	RATION II	NFORM	IATION				
Name and aturalis										
Name of study: Affiliation:						Key contact: Phone:				
						Fax number:				
Lead agency:	/m/u)	Status	of study:	O Ongoing		Completed	Completion d	ata: (d/m/u)		
Initiation date: (d.		Status	or study:	Origoning	(Completed	Completion a	ate: (u/m/y)		
Local conservation authority:						AOFF maniamal off	laa.			
MNR district office:						MOEE regional office:				
				STUDY DE	TAILS					
	1) WHAT IS T	HE SIZE, POPUL	ATION, REC	CEIVING STRE	AM AND	MAIN LAND U	SE OF THE STUI	DY AREA?		
Size (km ²):	Population:		Receiving	stream:			Main land	use:		
			AT LAND U	SE(S) CHARAG	CTERIZE	THE STUDY ARE	:A?			
O Developed	% Open	%	O Agricu	. ,		• Forest/woodlot		O Other	%	
'	3) WHAT ARE THE P	REDOMINANT ⁻			GEOLOG	ICAL CHARACT	ERISTICS OF TH	HE STUDY AREA	?	
Topography:	% steep (>30% slope)	%	% hilly (1	0-30% slope)	%	% rolling	(5-10% slope)	%		
	% flat (0-5% slope)	%								
Soils/geology:	typical surface soil		depth to	bedrock (m)		soil to b	edrock			
	type of bedrock		% imperv	viousness						
	4) WHA	T WAS THE MA	IN TRIGGER	R/ISSUES THAT	LED TO	THE INITIATIO	N OF THE STUI	DY?		
1) Development pressure 2) Resource protection			ection	3)	Other:					
·				IES WHICH W	ERE TO	BE ADDRESSED I	BY THE STUDY?			
O Surface water - flooding O Surface water - I			- low flow	О	Surface	water - stormwate	er	O Ground	O Ground water - quantity	
O Surface water - quality O Wetland/A		O Wetland/ANSI	ANSIs O		Municipal water			O Municipal sewage		
O Stream channel/buffers O Waste disposal			I	О	Private/c	communal water		O Private/	○ Private/communal sewage	
O Aggregates O Agriculture			O Aquatic life		fe/fisheries			-		
		-								
	P	LAN DEVELO	OPMENT,	IMPLEMEN	NTATIO	ON AND MON	IITORING			
	6) HAS A W	ATERSHED OR	SUBWATER	SHED PLAN B	BEEN DEV	VELOPED? IS IT	BEING IMPLEME	ENTED?		
Plan developed:	O yes O no E	Being implemente	ed: O yes C	no If	yes, is it b	eing implemented	through the offi	cial planning proc	ess? O yes O no	
Which municipal	official Plan?						Ü		-	
7) IS THERE A S	STRATEGY IN PLACE TO	GUIDE THE IM	PLEMENTAT	ION OF THE	PLAN?	1 OT (8	MONITOR THE	EFFECTIVENESS	OF THE PLAN?	
Developed: O yes O no						Develop	oed: O yes O n	0		

			FINANCIAL	INICODMATION									
FINANCIAL INFORMATION 9) WHAT WAS THE TOTAL COST OF THE STUDY?													
Projected total (use	projected figures if c	ongoing): \$	Actual (ı	use actual figures if c	completed): \$								
	,	<u> </u>	THE MAIN FINANC			Y?							
Contributor					Amou	Amount/Percentage of total							
11) HOW WERE THE FUNDS ALLOCATED?													
Scientific Component:			Hydroge			Water quality: \$							
	Stream morpholog		Mapping	/data mgmt: \$	Aquat	Aquatic resources: \$							
	Terrestrial resourc												
Study Component: Reports and meetings: \$				onsultation: \$	Plan p	Plan preparation: \$							
	Data management	: \$	Other co	OSIS: \$									
STUDY PARTICIPANTS													
12) HOW LARGE V	NAS THE STEERIN	G COMMITTEE?	13) THE TECHNIC	CAL COMMITTEE?	14) T	14) THE PUBLIC ADVISORY COMMITTEE?							
Number of members	S:		Number of members:			Number of members:							
		15) WHA	T AGENCIES AND MI	UNICIPALITIES WE	RE INVOLVED?								
	O Public	O MNR	O MOEE	OTM C	O Upper tier	O Lower tier	O MAFRA						
	O MNDM	O Health Unit	O Other										
MUNICIPALITIES IN	VOLVED: Attach list		cipalities involved. DW WAS THE PUBLIC	C INICODMED OF T	THE CTITOV?								
2 Open bourse, 2 v	uoo O no					Q Workshops: 6	2 400 2 20						
,		Mall display: O yes O noCommunity TV: O yes O no		O Newsletters: C	,	O Workshops: O yes O no O Other							
O Interpretive trails O Community TV:			• O yes O no O Teacher/classroom : O yes			Other							
	SEND COMPL	ETED REGIST	RATION FORM	TO ONE OF TH	HE FOLLOWIN	G INDIVIDUALS	5:						
Zdenek Novak Ministry of Environment and Energy Science & Technology Branch. 2 St. Clair Ave. W., Floor 12A Toronto, Ontario M4V 1L5		Don Greer Ministry of Natural Land Use Planning P.O. Box 7000 300 Water St., Floo Peterborough, Ont K9J 8M5	Branch or 5										

project contributors

Data contributors • Ausable-Bayfield Conservation Authority • Cataragui Region Conservation Authority • Central Lake Ontario Conservation Authority • Central Elgan Planning Office • City of Brampton • City of Burlington • City of Guelph • City of Kitchener • City of London • City of Niagara Falls • City of Scarborough • City of St. Thomas • City of Waterloo • City of Vaughan • Credit Valley Conservation Authority • Cumming Cockburn Ltd. • Friends of Fort Erie's Creeks • Grand River Conservation Authority * Halton Region Conservation Authority • Hamilton Region Conservation Authority • Lake Simcoe Region Conservation Authority • Lakehead Region Conservation Authority • Lower Trent Region Conservation Authority • M.M. Dillon Ltd. • Maitland Valley Conservation Authority • Marshall Macklin Monaghan Ltd. • Mattagami Region Conservation Authority • Metropolitan Toronto and Region Conservation Authority • Metrus Development Inc. • Ministry of Environment and Energy • Ministry of Natural Resources • Mississippi Valley Conservation Authority • Moira River Conservation Authority • Niagara Peninsula Conservation Authority • North Bay-Mattawa Conservation Authority • Nottawasaga Valley Conservation Authority • Ontario Hydro • Otonabee Region Conservation Authority • Regional Municipality of Halton • Regional Municipality of Waterloo • Rideau Valley Conservation Authority • South Nation River Conservation Authority • Town of Ancaster • Town of East Gwillimbury • Town of Innisfil • Town of Markham • Town of Oakville • Town of Uxbridge • Upper Thames River Conservation Authority • Weston Larkin •

Other participants • Catfish Creek Conservation Authority • Crowe Valley Conservation Authority • Essex Region Conservation Authority • Ganaraska Region Conservation Authority • Grey Sauble Conservation Authority • Kawartha Region Conservation Authority • Kettle Creek Conservation Authority • Long Point Region Conservation Authority • Napanee Region Conservation Authority • Nickel District Conservation Authority • Prince Edward Conservation Authority • Raisin Region Conservation Authority • Sault Ste. Marie Conservation Authority • Saugeen Valley Conservation Authority • St. Clair Region Conservation Authority •

Project co-ordination/writing team

Valerie Gust,

Ministry of Environment and Energy/ Ministry of Natural Resources

Zdenek Novak,

Ministry of Environment and Energy

Communications Branch,

Ministry of Environment and Energy

Data manager

Heather Stanworth, Ministry of Natural Resources

Research team

Monique Chen/Christina Smith/ Heather Stanworth, Summer Experience Program, MNR

Ken Svazas,

 ${\bf Environmental\ Youth\ Corps,\ MOEE}$

Mapping team

Bernie Neary/Sue Port, Ministry of Environment and Energy

Project guidance & support

MNR/MOEE Multiple agency agreement with:

Credit Valley/Grand River conservation authorities

Provincial Government Summer Employment programs

Mel Plewes/Steve Carty,

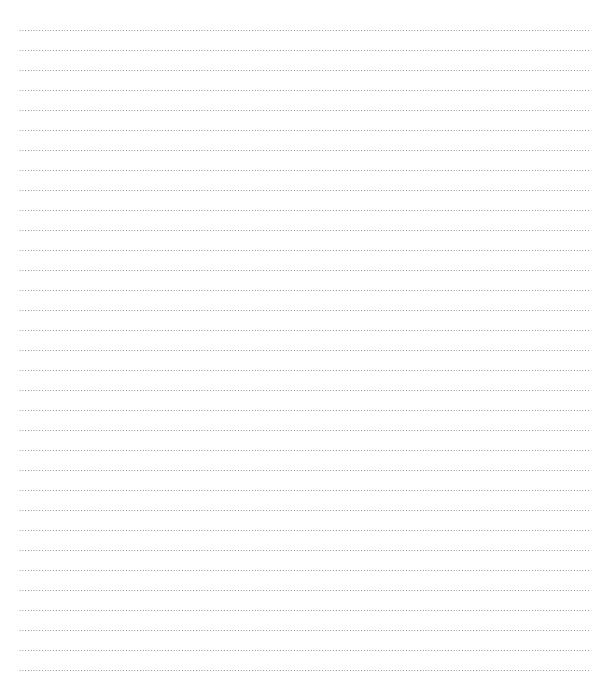
Ministry of Environment and Energy

John Kinkead/Don Greer,

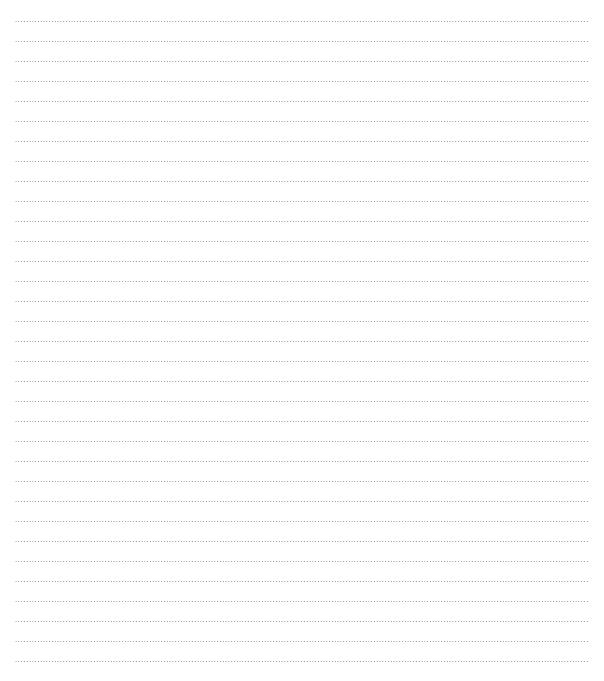
Ministry of Natural Resources

Watershed Planning Implementation Project Management Committee

notes



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notes

