

**KEY CONTACT:** Lorrie Minshall  
 Phone: (519) 621-2761  
 Initiation Date: 01-Jan-91  
 Receiving Stream: Grand River  
 CA Involved: GRAND RIVER CA  
 MOEE Region: West Central

Lead Agency: Grand River CA  
 Fax/E-mail: (519) 621-4844  
 Completion Date: 01-Apr-93  
 Main Land Use: Developed  
 Area Municipality: Reg. Mun. of Waterloo  
 MNR District: Cambridge

### STUDY AREA CHARACTERISTICS

POPULATION: 250000

SIZE (KM2): 74

LANDUSE: % DEVELOPED: 40 % AGRICULTURAL: 25 % OPEN: 15 % FOREST: 20

#### STUDY ISSUES:

Surface Water - Flooding	<input checked="" type="checkbox"/>	Aquatic Life/Fisheries	<input type="checkbox"/>	Private/Communal Water	<input type="checkbox"/>
Surface Water - Low Flow	<input type="checkbox"/>	Wetland/ANSIs	<input checked="" type="checkbox"/>	Private/Communal Sewage	<input type="checkbox"/>
Surface Water - Stormwater	<input checked="" type="checkbox"/>	Municipal Water	<input type="checkbox"/>	Aggregates	<input type="checkbox"/>
Ground Water Quantity	<input type="checkbox"/>	Municipal Sewage	<input type="checkbox"/>	Transportation	<input type="checkbox"/>
Surface Water Quality	<input checked="" type="checkbox"/>	Stream Channel/Buffer	<input checked="" type="checkbox"/>	Agriculture	<input type="checkbox"/>
Ground Water Quality	<input checked="" type="checkbox"/>	Waste Disposal	<input type="checkbox"/>		

#### TRIGGER AND OTHER ISSUES:

### PLAN COMPLETION AND IMPLEMENTATION

STUDY STATUS: completed  
 Digital Data Available?

Implementation Strategy Prepared?   
 Plan Being Implemented?

Monitoring Strategy Prepared?   
 Monitoring Underway?

### FINANCIAL INFORMATION

TOTAL COST: \$840,000.00

#### Breakdown of Data Inventory/Analysis:

DATA INVENTORY/ANALYSIS:	\$460,000.00	Hydrology/flood/erosion:	\$55,000.00
PUBLIC CONSULTATION:	\$80,000.00	Hydrogeology:	\$110,000.00
PLAN FORMULATION/EVALUATION:	\$80,000.00	Water Quality:	\$120,000.00
REPORTS/MEETINGS:	\$215,000.00	Aquatic Resources:	\$50,000.00
OTHER COMPONENTS?: \$5,000		Stream Morphology:	\$0.00
		Terrestrial Resources:	\$80,000.00
		Mapping/Data Management:	\$45,000.00
		Other Costs?	

CONTRIBUTORS: MNR 55%, Reg Muns of Waterloo 35%, Grand River Muns 10%

### STUDY PARTICIPATION

# STEERING MEMBERS: 31 # PUBLIC ADVISORY MEMBERS: 20  
 # TECHNICAL MEMBERS: 15 OTHER?

#### AGENCIES INVOLVED:

CA	<input checked="" type="checkbox"/>	UPPER	<input checked="" type="checkbox"/>	HEALTH UNIT	<input type="checkbox"/>	MOEE	<input checked="" type="checkbox"/>	MAFRA	<input type="checkbox"/>	MNDM	<input type="checkbox"/>
PUBLIC	<input checked="" type="checkbox"/>	LOWER	<input checked="" type="checkbox"/>			MTO	<input type="checkbox"/>	MMAH	<input type="checkbox"/>	MNR	<input checked="" type="checkbox"/>

OTHER:

MUNICIPALITIES INVOLVED: City of Waterloo, Kitchner, Regional Municipality of Waterloo, Twps of Wilmot, Wellesley, &amp; Woolwich