

KEY CONTACT:	Lorrie Minshall	Lead Agency:	Grand River CA
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Initiation Date:	01-Jan-93	Completion Date:	01-May-96
Receiving Stream:	Grand River	Main Land Use:	Agricultural
CA Involved:	GRAND RIVER CA	Area Municipality:	Reg. Mun. of Waterloo
MOEE Region:	West Central	MNR District:	Cambridge

STUDY AREA CHARACTERISTICS

POPULATION: 2000 SIZE (KM2): 26

LANDUSE: % DEVELOPED: 5 % AGRICULTURAL: 50 % OPEN: 15 % FOREST: 30

STUDY ISSUES:

Surface Water - Flooding	<input checked="" type="checkbox"/>	Aquatic Life/Fisheries	<input checked="" type="checkbox"/>	Private/Communal Water	<input checked="" type="checkbox"/>
Surface Water - Low Flow	<input checked="" 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 checked="" type="checkbox"/>
Ground Water Quantity	<input checked="" type="checkbox"/>	Municipal Sewage	<input checked="" type="checkbox"/>	Transportation	<input checked="" 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: *Development.*

PLAN COMPLETION AND IMPLEMENTATION

STUDY STATUS: completed	<i>Implementation Strategy Prepared?</i>	<input checked="" type="checkbox"/>	<i>Monitoring Strategy Prepared?</i>	<input type="checkbox"/>
<i>Digital Data Available?</i>	<input checked="" type="checkbox"/>	<i>Plan Being Implemented?</i>	<input checked="" type="checkbox"/>	<i>Monitoring Underway?</i>

FINANCIAL INFORMATION

TOTAL COST: \$310,000.00

<i>DATA INVENTORY/ANALYSIS:</i>	\$190,000.00	Breakdown of Data Inventory/Analysis:	
<i>PUBLIC CONSULTATION:</i>	\$20,000.00	<i>Hydrology/flood/erosion:</i>	\$35,000.00
<i>PLAN FORMULATION/EVALUATION:</i>	\$35,000.00	<i>Hydrogeology:</i>	\$65,000.00
<i>REPORTS/MEETINGS:</i>	\$65,000.00	<i>Water Quality:</i>	\$25,000.00
<i>OTHER COMPONENTS?:</i>		<i>Aquatic Resources:</i>	\$10,000.00
		<i>Stream Morphology:</i>	\$10,000.00
		<i>Terrestrial Resources:</i>	\$20,000.00
		<i>Mapping/Data Management:</i>	\$25,000.00
		<i>Other Costs?</i>	

CONTRIBUTORS: Province 37.5% in 94; 50% in 93; City of Kitchener; RDC; GRCA;

STUDY PARTICIPATION

STEERING MEMBERS: 10 # PUBLIC ADVISORY MEMBERS: 2
 # TECHNICAL MEMBERS: 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 type="checkbox"/>	LOWER	<input checked="" type="checkbox"/>			MTO	<input type="checkbox"/>	MMAH	<input type="checkbox"/>	MNR	<input checked="" type="checkbox"/>

OTHER:

MUNICIPALITIES INVOLVED: Region of Waterloo, City of Kitchener, Twp. of Wilmot, County of Oxford.