

CITY OF WELLAND

POLICY

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| Policy Title: Pollution Abatement Program – An Environmental Policy | |
| Date of Approval: May 23, 1995 | Policy Number: SER-007-0005 |
| Lead Role: City Engineer | Support Role: Env.Serv.Eng |
| Cross Reference: Report ENG-95-48 | Next Review Date: |
| Council File Number: 95-115 | Revision Date: |

Policy Statement:

That Council approve a Pollution Abatement Program in compliance with M.O.E.E. Environmental Policy Strategy as outlined below:

A. POLLUTION ABATEMENT PROGRAM PRINCIPLES

- 1) Implement control of wet weather flows to ensure 90 percent of flow captured receives treatment.
- 2) Utilize the current infrastructure to its fullest extent by adopting a "hold and treat" philosophy.
- 3) Develop a program of Capital Works with maximum payback.
- 4) Continue the program of sewer separation where factors such as basement flooding and sewer conditions warrant.
- 5) Develop a program whereby treatment capacity is available to new developments in Welland and Pelham.
- 6) Complete the review and adoption of the Welland INS Project.

B. POLLUTION ABATEMENT PROGRAM COMPONENTS

- 1) Phase in the development in-line flow control to create wet weather flow storage. The sewers identified are listed below:

Storage (cu m)

| | |
|--------------------------|--------|
| River Road Trunk | 5,000 |
| Burgar Street | 2,000 |
| Oxford-Atlas-Wellington* | 57,500 |
| North Bank Interceptor | 2,800 |
| Mill Street | 500 |
| Aqueduct Trunk | 4,410 |
| South Bank Interceptor | 1,000 |

TOTAL **73,210**

*Includes full utilization of Lyons Creek Detention Pond.

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- 2) Complete sensitivity analysis to determine Capital Program for above works.
- 3) Upgrade infrastructure in Lyons Creek Detention Pond area to ensure utilization to the fullest extent possible
- 4) Develop and implement permanent flow monitoring at strategic locations to ensure compliance with "90 percent" philosophy.
- 5) Undertake a review and modification program to remove existing overflows from the system where capacity has been provided for the anticipated flows.
- 6) Continue with the sewer separation program for North Bank Interceptor and Mill Street areas.

C) POLLUTION ABATEMENT PROGRAM SCHEDULE

| SCHEDULE | TARGET DATES |
|---|---|
| Complete Welland INS | July 1995 |
| Complete Sensitivity analysis for proposed in-line storage facilities | June 1995 |
| Undertake upgrades to Lyons Creek Detention Pond System | December 1995 |
| Develop Capital Works Program based on sensitivity analysis including the flow monitoring | September 1995 |
| Continue with the sewer separation program for areas tributary to the North Bank Interceptor and Mill Street Trunk Sewer as part of the five (5) year (1995 - 99) Capital Budget for storm and sanitary sewer projects at the total annual estimated cost in the \$2,000,000.00 range | 5 year (1995 - 99) Capital Budget to be adopted by Council by August 15, 1995 |