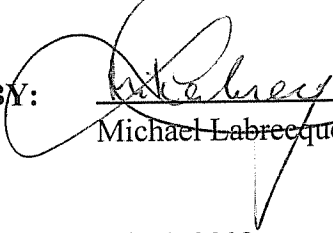


Halifax Regional Council
July 16, 2002

TO: Mayor Kelly and Members of Halifax Regional Council

SUBMITTED BY: 
Michael Labrecque P. Eng., Project Director

DATE: July 4, 2002

SUBJECT: Private Outfalls

INFORMATION REPORT

ORIGIN

Halifax Regional Council Committee of the Whole meeting of July 2, 2002.

BACKGROUND

At the Halifax Regional Council Committee of the Whole meeting held on July 2, 2002, the issue of the number of private outfalls and future connections of these private outfalls was raised. This report is in response to the above.

DISCUSSION

The Halifax Harbour Solutions Project has focused on the interception of sewage from the existing Municipal outfalls and to convey and deliver the intercepted flows to the corresponding Sewage Treatment Plant for treatment. It is apparent that there are a number of private and institutional developments that were not connected to the Municipal sewer system. A few of these have their private treatment system, but the majority of them discharge directly to the Harbour.

In 1992, the Halifax Harbour Cleanup Inc. engaged Metro Engineering Incorporated to investigate the source and quantity of wastewater discharged from the non-municipal outfalls and to estimate the cost of connecting to the Municipal system at each of the locations. A report entitled “ Report on Investigation of Private Outfalls and Upstream Combined Sewer Overflows” was prepared. According to this report, 22 developments with 65 outfalls were found to be discharging wastewater into the Halifax Harbour. Schedule “A” is a copy of a table showing Private Outfalls Summary of Wastewater Flows and System Costs. The system costs, as shown in this summary, are estimated costs (in 1992 dollars) of connecting to the Municipal system at each of the locations. The cost of connection will be the responsibility of the property owner.

Section 328 (1) and 332 (1) of the Municipal Government Act states:

“The Council may, by policy, prescribe standards and specifications for connections to wastewater facilities and stormwater systems and the conditions under which connections may be made. The engineer may give notice in writing to an owner of property that may be serviced by a sewer requiring that owner, within the time specified in the notice, to connect with the municipal sewer by a building service connection. The engineer may require an owner to repair, reconstruct or replace a building service connection.”

Therefore, HRM has the legislative authority to give notice to private property owners to connect to the municipal sewer. It is staff’s intention to carry out further investigations to update the list of non-municipal outfalls and to work with property owners to ensure that privately owned outfalls are connected to the municipal sewer.

BUDGET IMPLICATIONS

There are no budget implications at this time.

FINANCIAL MANAGEMENT POLICIES/BUSINESS PLAN

This report complies with the Municipality’s Multi-Year Financial Strategy, the approved Operating, Capital and Reserve budgets, policies and procedures regarding withdrawals from the utilization of Capital and Operating reserves, as well as any relevant legislation.

ALTERNATIVES

There are no recommended alternatives.

ATTACHMENTS

Schedule "A"

Additional copies of this report, and information on its status, can be obtained by contacting the Office of the Municipal Clerk at 490-4210, or Fax 490-4208.

Report Prepared by: Ted Tam, P.Eng., Project Engineer, Halifax Harbour Solutions Project, 490-6130

Schedule "A"

TABLE 3.20 PRIVATE OUTFALLS SUMMARY OF WASTEWATER FLOWS AND SYSTEM COSTS				
Development	Outfalls	Worker Population	Average Wastewater Flow m ³ /d	System Cost
Ocean Terminals	15	321	22.2	\$900,000
NSPI - Terminal Road	2	50	3.4	\$48,000
Cunard & Co.	1	40	2.8	\$42,000
Eastern Canada Towing	2	6	0.4	\$123,000
Dept. of Fisheries	2	150	10.4	\$93,000
Cable Wharf	2	5	0.3	\$51,000
Fisherman's Market	1	25	3.2	\$45,000
CFB Halifax Dockyard	12	820	56.6	\$216,000
HDIL Halifax Shipyards	6	1000	69	\$573,000
Richmond Terminals	4	55	3.7	\$271,000
Shannon Park	2	3500	752	\$744,000
NSPC - Tufts Cove	1	73	5	\$72,000
Defence Research	1	156	10.7	\$10,000
CFB Halifax Dockyard Annex	5	706	50.4	\$189,000
HDIL Darmouth Marine Slips	5	250	17.5	\$173,000
Coast Guard	2	130	9	\$80,000
Nova Scotia Hospital	1	950	675	\$11,000
Irving Oil Depot	1	51	3.5	\$35,000
TOTALS	65	8288	1,695	\$3,676,000