

ITEM 22
MANAGER'S REPORT NO. 71
COUNCIL MEETING Sept. 24/73

22. Re: Burrard Inlet
(Item 17, Report No. 66, September 4, 1973)

Council on September 4, 1973 received a report regarding off-shore dredgable material in Burrard Inlet. Action was not taken on the recommendations in the report because it was felt that the Engineer and the consultants should explore alternate and less expensive methods of determining the amount and type of dredgable material that is available in the Inlet. Following is a report from the Engineer regarding this matter.

RECOMMENDATIONS:

THAT costs not be incurred for the purpose of determining the amount and type of off-shore dredgable material available in Burrard Inlet in connection with the proposed land reclamation; and

THAT the lower cost staged development using free landfill as it becomes available be adopted if the land reclamation alternative proceeds along Burrard Inlet.

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Engineering Department
21 September, 1973.

Mr. M.J. Shelley
MUNICIPAL MANAGER.

Dear Sir:

Re: Burrard Inlet

In Item 17, Municipal Manager's Report #66, Council Meeting 4 September, 1973, the Council was advised that N.D. Lea and Associates were asked to provide an estimate of engineering costs involved in determining an amount and type of off-shore dredgable material that may be available in Burrard Inlet itself in connection with the possible proposed land reclamation scheme. The estimated cost of \$5,000 to \$7,000 was not recommended to be undertaken, but the Council deferred action on the recommendations in the report and the Engineer was requested to further discuss with N.D. Lea and Associates Ltd. the matter of whether an alternate and cheaper methods may be available for determination of the possible availability of such dredgable material.

We have had further discussions with N.D. Lea and Associates Ltd. and they have advised that the only method that would be any more economical than that referred to previously would be for them to carry out a very superficial check in Burrard Inlet using a small boat and running tests in a water depth of approximately 20 ft. below low water. Even such a superficial study is estimated to cost \$1,000.

It is the opinion of N.D. Lea and Associates Ltd., which opinion is shared by the Municipal Engineer, that even the more moderate expenditure of \$1,000 is not considered a wise investment, especially when considering that there is quite a low probability of finding dredgable material of the desired quantity and quality which could be dredged at an economic cost.

IT IS RECOMMENDED:

THAT costs not be incurred for the purpose of determining the amount and type of off-shore dredgable material available in Burrard Inlet in connection with the proposed land reclamation, and,

THAT the lower cost staged development using free landfill as it becomes available be adopted if the land reclamation alternative proceeds along Burrard Inlet.

Respectfully submitted,



E.E. Olson
MUNICIPAL ENGINEER

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- c.c. () Planning Director
() Parks and Recreation Administrator
() Municipal Clerk