

ITEM 6

MANAGER'S REPORT NO. 49

COUNCIL MEETING Aug. 9/71

6. Re: Dredging Burnaby Lake.

The Engineer advises that the dredging of the lake is nearing completion with a small section left to do at the extreme west end of the rowing course. There is, however, some problem being encountered in finding sufficient spoil areas at the west end of the lake to complete the dredging of the entire rowing course, and we are attaching herewith a copy of a letter we received from Associated Engineering Services Limited on 23 July, 1971, which explains the problem.

As suggested in the letter, a meeting was held with the Parks Administrator, the Chairman of the Summer Games Committee and A.E.S.L on the afternoon of July 26; and at this meeting it was confirmed that there would be no objection from the Summer Games Committee or from the Parks Administrator if it should become necessary to shorten the run-out on the rowing course by a maximum of 200 feet. This 200 feet shortening may become necessary if all spoil areas are completely used up before the completion of the entire dredging on the west end. If it should be necessary to shorten the overall length by 200 feet, the area which would not be dredged is in an area which is proposed for buildings and bleachers and the only change in the overall development would be that said bleachers and buildings would have to be constructed on piles rather than floating structures. There was general agreement at the meeting that such a type of construction on piles would not be as expensive as floating structures. However, the Summer Games Committee is just now beginning to consider this second phase of the project, i.e. the construction of storage buildings for rowing shells and launching facilities, together with spectator viewing stands; and in this connection will be investigating in more detail the proposed additional structures to be required and their method of construction.

A copy of this correspondence will be placed before the Parks and Recreation Commission for its information at its meeting to be held on August 4, 1971.

This is forwarded at this time for information only.

P.S. The Manager has just been advised that the course will have to be shortened by 300 feet as the contractor has run out of space for spoil. Apparently the latest word is that the course will have to be moved 100 feet further east and shortened by 200 feet, which will mean that they will still have 100 feet more than the Olympic standard when they are finished. (They originally had 300 feet extra built into the course.) We are advised that the seating capacity, as far as spectator area is concerned, will not be affected.

AESL

Consulting Engineers

ASSOCIATED ENGINEERING SERVICES LTD.

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VANCOUVER 9, B.C.

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E.E. ESO
VK.

July 23, 1971
File: 4004-0011

ITEM 6
MANAGER'S REPORT NO. 49
COUNCIL MEETING Aug. 9/71

The Corporation of the
District of Burnaby,
4949 Canada Way,
BURNABY, B. C.

Attention: Mr. E. Olson,
Municipal Engineer.

Dear Sirs:

Re: Burnaby Lake Dredging Project

In confirmation of our conversation yesterday, I would like to summarize events of the last few days which I feel warrant the calling of a meeting with the Canada Games Committee to evaluate possible courses of action. The attached weekly report form indicates the status of the work at the beginning of this week. During this week further dredging in the Hammer Head shaped area at the west end of the course has proceeded with the dredged material being discharged into a spoil area southwest of the end of the course in an area agreed upon with the Burnaby Parks and Recreation Department. The events this week are as follows:

Tuesday, July 20th - Leakage from the dyked area on the Parks and Recreation Property was experienced towards the Gun Club property and backwards into the lake. The contractor initiated measures to divert the flow into further ponding areas to provide a period of settlement before the water was finally conducted back to the lake. It was, however, evident that some change was necessary in the basic procedure to permit a period of settlement and it was agreed with the contractor that the midnight shift should be cancelled.

On Wednesday, July 21st some benefit was observed from the lesser pumping period and further work was carried out to confine the material upon the land.

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COUNCIL MEETING Aug. 9/71

ASSOCIATED ENGINEERING SERVICES LTD.

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The Corporation of the
District of Burnaby

On Thursday, July 22nd dredging continued without excess backflow into the lake and the revised working schedule appeared to be operating satisfactorily, with only relatively clear water getting back to the lake. However, at the present rate of progress using a two-shift per day, only 200 feet of dredging per day were being accomplished with approximately 1500 feet to complete the clearing of the Hammer Head area. There appears to be a real possibility that there will not be sufficient spoil capacity to handle the complete dredging of the west portion of the Hammer Head. With this possibility in mind it is suggested that discussions be held with the Canada Summer Games Committee for two basic reasons: firstly to provide an agreed basis for proceeding with the contract in the event that the spoil area does not prove adequate to permit completion of the entire Hammer Head area; secondly by deleting some of the dredging work to bring about a decrease in cost commensurate with the reduction in the area to be dredged, which will offset the extra cost which the contractor has indicated will be claimed because of the deletion of the third shift in each day, (note that this will be in the order of 1/3 of the standby charge).

It is, therefore, proposed that a meeting be arranged as early as possible for discussion along the lines indicated and a tentative meeting on Monday, July 26th is to be confirmed by this office to include Mr. Ramsell of the Canada Summer Games Committee; representatives from Burnaby Engineering Department and from Burnaby Parks and Recreation and from Associated Engineering Services Ltd. The writer will confirm details of the time and place as soon as all parties have been contacted.

Yours truly,



A. T. Sherrett, P.Eng.

ATS:jz
Enc.