

ITEM	03
MANAGER'S REPORT #	01
COUNCIL MEETING	96/01/08

TO: CITY MANAGER

1995 December 22

FROM: DIRECTOR PLANNING AND BUILDING

SUBJECT: **REQUESTED FURTHER REPORT
SITE 21 LANDFILL
DEER LAKE PARK
X.REF. OAKALLA DEVELOPMENT PLAN (OAKLANDS)**

PURPOSE: To provide the requested response regarding potential leachate into Deer Lake from the Site 21 landfill.

RECOMMENDATION:

1. THAT this report be received for the information of Council.

R E P O R T

At its meeting of 1995 August 14, Council received a report on the handling of the Site 21 landfill which is located on park property straddling the Oakalla Development Plan boundary and lands previously conveyed to the City in 1979. Staff was authorized to pursue the completion of an agreement involving the BC Buildings Corporation (BCBC) and the City of Burnaby regarding Site 21 in line with the submitted report. Arising out of the Council discussion a further report was requested on the potential for any of the Site 21 landfill materials to leach into Deer Lake via the water table, any underground streams, surface drainage, etc.

BCBC was requested to respond to this further Council enquiry. Copies of correspondence between BCBC's environmental consultant Norecol, Dames & Moore (NDM) and the BC Ministry of Environment, Lands and Parks (MOELP) have been submitted which relate to the proposed monitoring program which provide a response to the requested enquiry. BCBC indicates in its covering letter dated 1995 November 17 summarizing this material that:

"According to the work that has been undertaken by our consultants on this matter, it is their opinion that based on the analysis of soil and ground water in the vicinity of Site 21 that there is little or no likelihood for any landfill materials to leach into Deer Lake via the ground water table.

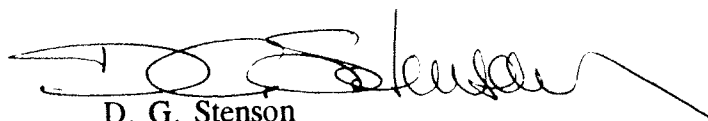
SITE 21 - LANDFILL
Deer Lake Park
1995 December 22 - Page 2

"However, in order to provide further assurances to your Council and satisfy MOELP requirements the NDM letter addresses the proposed work program for ground water monitoring. As discussed in the letter, the program is designed to allow detection of any future failure at the site and to alert concerned parties of any future potential impacts to human health or the environment. B.C. Buildings Corporation (BCBC) commits to inform the City if there is any breach or of any concerns with respect to the monitoring work.

BCBC is prepared to undertake to fund the monitoring program as approved. Final operating arrangements with the City will be coordinated through the Corporation's Environmental Coordinator Michael Masson."

With respect to the monitoring program, monitoring will take place on both of the flanking surface streams and via monitoring wells located upstream from the site, within the landfill site, and downstream. Staff of the Environmental Health Services, Parks & Recreation and Planning and Building Departments have reviewed the material, and conclude that the submitted response and clarification, which indicates that there is little or no likelihood for any landfill materials to leach into Deer Lake via surface and subsurface drainage, to be appropriate. Moreover, staff is satisfied that the proposed monitoring program will provide the necessary means to confirm the consultant's expectation or alternatively detect any variation that would require correction.

This is for the information of Council.



D. G. Stenson
Director
Planning and Building

KI:lf
cc: Director Recreation & Cultural Services
Chief Public Health Inspector