

TO: CITY MANAGER

DATE: 2000 01 12

FROM: DIRECTOR ENGINEERING

FILE:

SUBJECT: PROPOSED GYPSY MOTH ERADICATION PROGRAM

PURPOSE: To Provide Information on the Constituents of Pesticide Foray 48b and Public Notification Process in Connection with the Proposed Spraying Program.

RECOMMENDATION:

1. **THAT** this report be received for information purposes.

REPORT

1.0 INTRODUCTION

At the regular Council Meeting on 2000 January 10, Council requested staff to prepare a report on the proposed Gypsy Moth eradication program particularly relating to the constituents of the pesticide Foray 48B and the public notification process.

2.0 PESTICIDE FORAY 48B

The B.C. Ministry of Forests, in their Pesticide Use Permit Application to the B.C. Ministry of Environment, Lands and Parks, propose to aerial and or ground spray Foray 48B (PCP #24977) to eradicate a small population of gypsy moth found in the Government Road-Burnaby Lake area (see Attachment #1).

According to the information received from the B.C. Ministry of Forests, Foray 48B is produced through a fermentation process. The product label indicates that 2.1% of the product is *Bacillus thuringiensis var. kurstaki* (Btk) and the remaining 97.9% is listed as "inert ingredients". Details of the Foray 48B constituents are proprietary to Abbott Laboratories Ltd. and therefore are not available publicly. These ingredients include stickers and binders that help the spray remain on the foliage after it is applied, compounds to reduce product contamination by other bacteria and yeasts and water. The largest proportion of the inert ingredients is water, followed by the residual materials from the fermentation process. Information supplied by the Ministry indicates that the product, after being sprayed onto leaves, will be destroyed by the ultraviolet radiation in sunlight within a few days. It also degraded rapidly by high temperature and substances on plant leaves. The ability of Foray 48B to infect insects declines within 12 to 14 hours after it is applied.

3.0 PUBLIC NOTIFICATION PROCESS

According to the B.C. Ministry of Forests, an Open House will be held from 7:30pm - 9:30pm on January 20, 2000 at the Bill Copeland Sports Centre. There will be a door to door notification of all residents and businesses in the treatment area and the buffer area. This will include notification of the time, date and location of the Open House. As well, the Open House will be advertised in the local papers *Burnaby Now* and the *New Westminster News Leader*.


There is also a toll free telephone number (the "moth line") available for public information (1-800-565-4838) The phone number will be advertised heavily in late March, closer to the date of spray operations, so that interested public can have their questions answered. As well, the Ministry of Forests web site (www.for.gov.bc.ca) which provides general and specific information will be advertised widely.

Pre-Spray Notification:

The Ministry will be notifying their intentions to conduct treatment at least 24 hours before it takes place (generally notification will begin about 36 hours before scheduled spray commencement), but unfavourable weather conditions could cause a treatment to be cancelled at the last minute. The Ministry web site will be maintained to show the "next expected" spray date for those people who wish to make long range plans. As well, the toll free "moth line" will have an up-to-date recorded message that will explain the program status. Notifications will also be given over BCIT CFMC Radio, CJSF 93.9, CKNW and Rogers Community TV Cable 4.

Elementary school(s), identified day care facilities and long term facilities will be notified by fax in a manner similar to the general notification timing. However, the Ministry will not be recommending any precautions other than closing their windows if they wish.

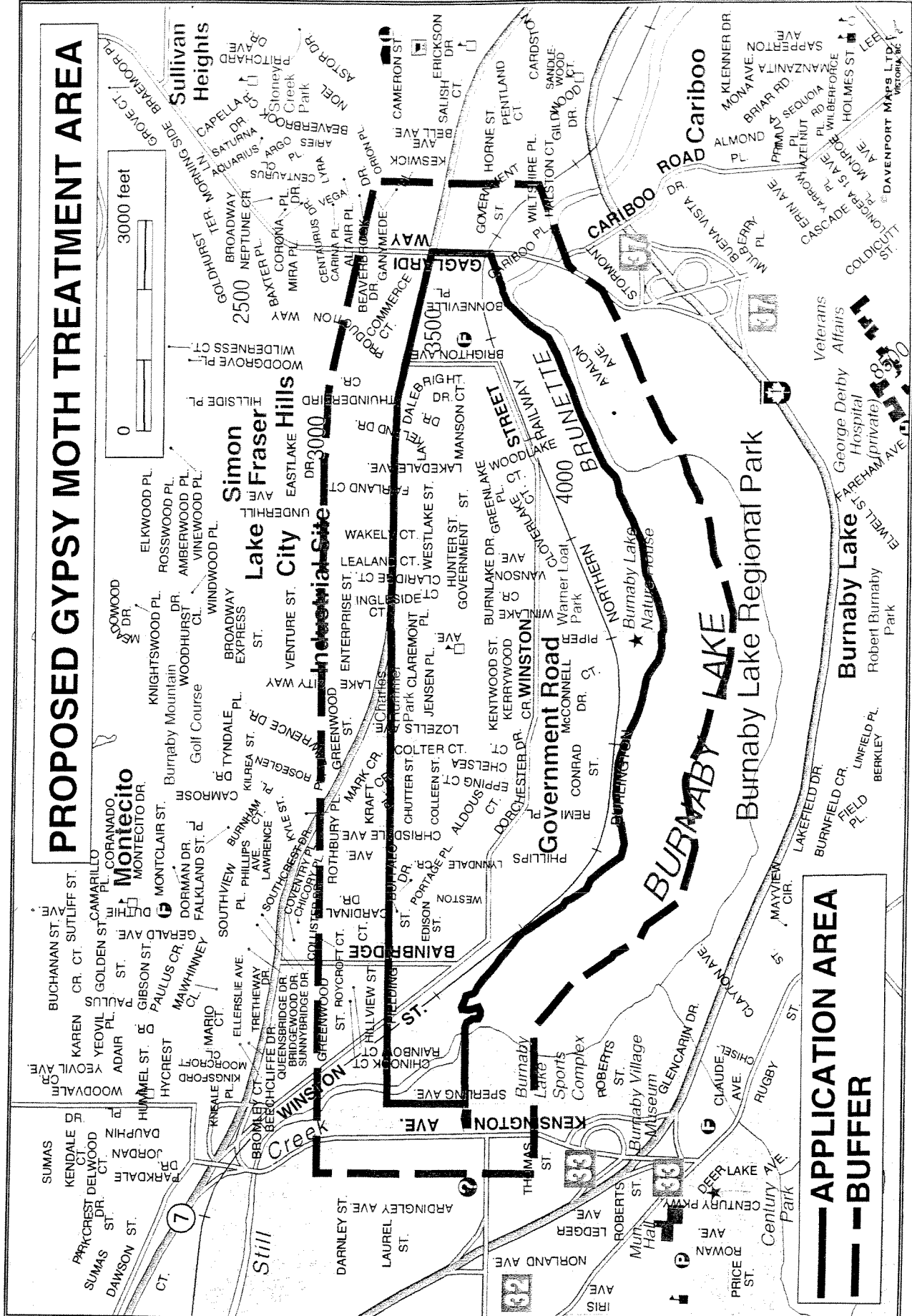
The following is provided for Council's information.

W.C. 
DIRECTOR ENGINEERING

DD:jb

cc: Director Planning and Building
Director Parks, Recreation & Cultural Services

PROPOSED GYPSY MOTH TREATMENT AREA



APPLICATION AREA
— — — — — BUFFER

