

**TO:** CITY MANAGER

**DATE:** 1998 11 09

**FROM:** DIRECTOR ENGINEERING

**FILE:** 60-10-01

**SUBJECT:** CHEVRON CANADA LIMITED - PERMIT AMENDMENT APPLICATION  
(PERMIT: GVA 0118)

**PURPOSE:** TO RESPOND TO THE CORRESPONDENCE RECEIVED REGARDING  
CHEVRON CANADA LIMITED'S PERMIT AMENDMENT APPLICATION  
PURSUANT TO THE GVRD AIR QUALITY BYLAW NO. 725

---

**RECOMMENDATION:**

THAT a copy of this report be forwarded to:

- a) Those who previously corresponded with Council on this matter
- b) Mr. Bob Smith, Air Quality Director, Air Quality Department,  
GVRD, 4330 Kingsway, Burnaby, B.C., V5H 4G8
- c) Mr. Peter Duda, Refinery Manager, Chevron Canada Limited,  
1500-1050 West Pender Street, Vancouver, B.C., V6E 3T4

**REPORT**

**1. INTRODUCTION**

At the regular Council Meetings on 1998 November 02, 09 and 16, Council received letters concerning Chevron Canada Limited's Application for a Permit Amendment pursuant to the GVRD Air Quality Bylaw No. 725.

Arising from the consideration of these letters, Council requested staff to provide a report advising of the GVRD response in order to provide Council with an opportunity to analyze the situation.

**2. CHEVRON CANADA LIMITED - PERMIT AMENDMENT APPLICATION (PERMIT: GVA 0118)**

Chevron Canada Limited filed a Permit Amendment Application with the GVRD on 1998 August 12. The Application was also advertised in the local newspaper.

Chevron's Application calls for:

- a) Installation of a Vapour Recovery System at their Marine Loading Facility;
- b) Modification of 2 tanks that have changed service to store materials with vapour pressure of gasoline component;
- c) Deletion of 13 storage tanks which are no longer in service;
- d) Deletion of 12 tanks when taken out of service;
- e) Addition of 8 new tanks (7 tanks in gasoline service and 1 tank in gasoline / distillate service).

The above additions, modifications and deletions to the permit equipment will result in an overall reduction of Total Volatile Organic Compounds (VOC) from an estimated amount of 190.5 tonnes /year to 101.8 tonnes/year (reduction of approximately 46%).

**3. DISCUSSIONS WITH THE GVRD STAFF**

On 1998 November 02, staff met with Mr. Silvano Padovan, Air Quality Department, GVRD, to discuss the above permit amendment application filed by Chevron.

At the time of the meeting, GVRD had received 6 responses from local residents on the noted application and had already met with two of the six residents to listen to their concerns. GVRD staff were intending to meet with the remaining four residents in the near future.

With respect to some of the issues raised in earlier correspondence received by Council, GVRD provided the following response:

1. The new total storage tank capacity will be 16% over the current capacity.

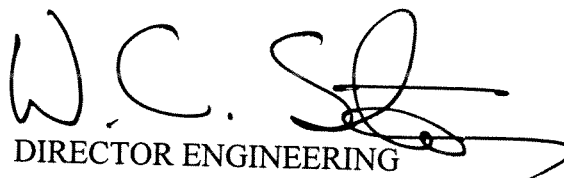
2. The Vapour Recovery System at the Marine Dock Facility will eliminate 97% of VOC emissions when all vessels are compatible;
3. Timelines will be stipulated to Chevron for installation of the Vapour Recovery System. According to Chevron, work is anticipated to begin by the end of this year;
4. Monitoring for VOC's and other conditions will form part of the issuance of amendment to the permit.

Staff were advised by Chevron that public meetings will be arranged by Chevron with local residents in November and December to review and address any outstanding issues. A communication plan is being developed by Chevron on the meeting dates and location and Council will be kept informed of the planned meetings.

It is staff's position that the noted application is supportable as the new storage tanks will meet the current standards for seismic, emissions and spill containment. In addition, the installation of the Vapour Recovery System at the Marine Dock Facility will result in significant decrease of VOC emissions from this source.

4. **CONCLUSION**

According to the information provided to staff, the Permit Amendment Application (Permit: GVA 0118) filed by Chevron Canada Limited with the GVRD will provide a net environmental benefit. GVRD staff have already initiated meetings with the residents who have written to them with respect to the noted application. Further opportunities for public comment will be available in the upcoming public meetings organized by Chevron.

  
DIRECTOR ENGINEERING

DD:

cc: Director Planning and Building

