

ITEM	18
MANAGER'S REPORT NO.	37
COUNCIL MEETING	93/06/07

TO: CITY MANAGER 1993 May 31

FROM: ACTING DIRECTOR
PLANNING & BUILDING

SUBJECT: PROPOSED RELOCATION OF NEW SULPHUR PLANT
CHEVRON CANADA LIMITED
PRELIMINARY PLAN APPROVAL AMENDMENT #10529A

PURPOSE: To provide Council with information in regards to a revised application for a new location of the sulphur plant previously reported to Council under P.P.A. #10529 in August of 1992

RECOMMENDATION:

- 1. THAT a copy of this report be forwarded to the GVRD and to all those citizens who have written expressing their views on the former proposal advanced by Chevron.

R E P O R T

1.0 BACKGROUND:

In 1992 August 10 Council received an information report on a proposal by Chevron Refinery to install a distillate hydrotreater and to replace the existing sulphur plant with a new one. The approved P.P.A. showed the replacement sulphur plant located on the site immediately adjacent the existing one, such that the existing plant would be able to continue operation while the new one was being built. Chevron is currently proceeding with the distillate hydrotreater project and we are informed that fabrication of components of the replacement sulphur plant has commenced.

In January 1993 Chevron officials approached the City of Burnaby and the GVRD to seek approval for a variant of the original plan, which would have required the existing sulphur recovery plant to be taken out of service for several months, dismantled and removed, and replaced by the new sulphur plant on the site of the original one. By Chevron's reckoning, this would have entailed an increase amounting to 6 tonnes per day of additional sulphur dioxide emissions to the atmosphere from the refinery operation during the prolonged "downtime".

ITEM	18
MANAGER'S REPORT NO.	37
COUNCIL MEETING	93/06/07

CITY MANAGER
 PROPOSED RELOCATION OF NEW SULPHUR PLANT
 CHEVRON CANADA LTD. - P.P.A. #10529A
 1993 MAY 31PAGE 2

In the course of examining the projected impact of this requested change in the development plan, Chevron was advised that it would need to have a dispersion model prepared and submitted to the GVRD to predict how the shutdown would affect areas in North Burnaby and on the North Shore of Burrard Inlet. A simulation model was submitted and the GVRD initiated a process for receiving comments on the proposal. Staff on 1993 May 03 provided Council with a status report on this phase of the exercise and Council adopted the following motion:

"**THAT** Council authorize staff to file a notice with the GVRD that Burnaby would object to issuance of an amendment to the Air Emission Permit (GVA - 0117) until it has had an opportunity to review the GVRD's technical evaluation of the dispersion model report and to reach conclusions regarding the potential health impacts for the community."

A review of the health effects associated with the proposed shutdown has been conducted and it has been staff's intent to report on this to Council.

However, as a result of the concerns raised by citizens, we were advised by Chevron officials on 1993 May 27 that the Company had reconsidered its proposal and has as a result submitted an application to amend the terms of the original (approved) sulphur plant replacement, in a fashion that will now no longer require the shutting down of the existing sulphur recovery plant.

2.0 PRELIMINARY PLAN APPROVAL AMENDMENT:

The amendment submitted to this Department is to authorize the relocation of the proposed new sulphur plant (see Attachment I). The Design of the new sulphur plant and its capacity will remain the same. Utilizing the proposed (revised) site will permit construction on the new sulphur plant while continuing to operate the existing sulphur plant. The proposed new location is supportable in terms of Burnaby's land use regulations, and apparently satisfies Chevron's internal guidelines for siting of such installations.

CITY MANAGER
PROPOSED RELOCATION OF NEW SULPHUR PLANT
CHEVRON CANADA LTD. - P.P.A. #10529A
1993 MAY 31PAGE 3

ITEM	18
MANAGER'S REPORT NO.	37
COUNCIL MEETING	93/06/07

3.0 CONCLUSION:

Staff have received an amended P.P.A. application for a new location for the sulphur recovery plant, which will eliminate the need for the prolonged shutdown of the existing plant and the attendant concerns related to a temporary increase in SO₂ emissions to the atmosphere.

The amended application is being circulated to all the interested City departments for review and comment in the usual way, and unless otherwise directed by Council, will be evaluated on its merit and processed for approval in accordance with the pertinent bylaws.

The Diesel Hydrotreater portion of this project is anticipated to be completed on schedule in October 1993. The new sulphur plant is expected to be complete by the year end.

This is for the information of Council.



D.G. Stenson,
ACTING DIRECTOR
PLANNING & BUILDING

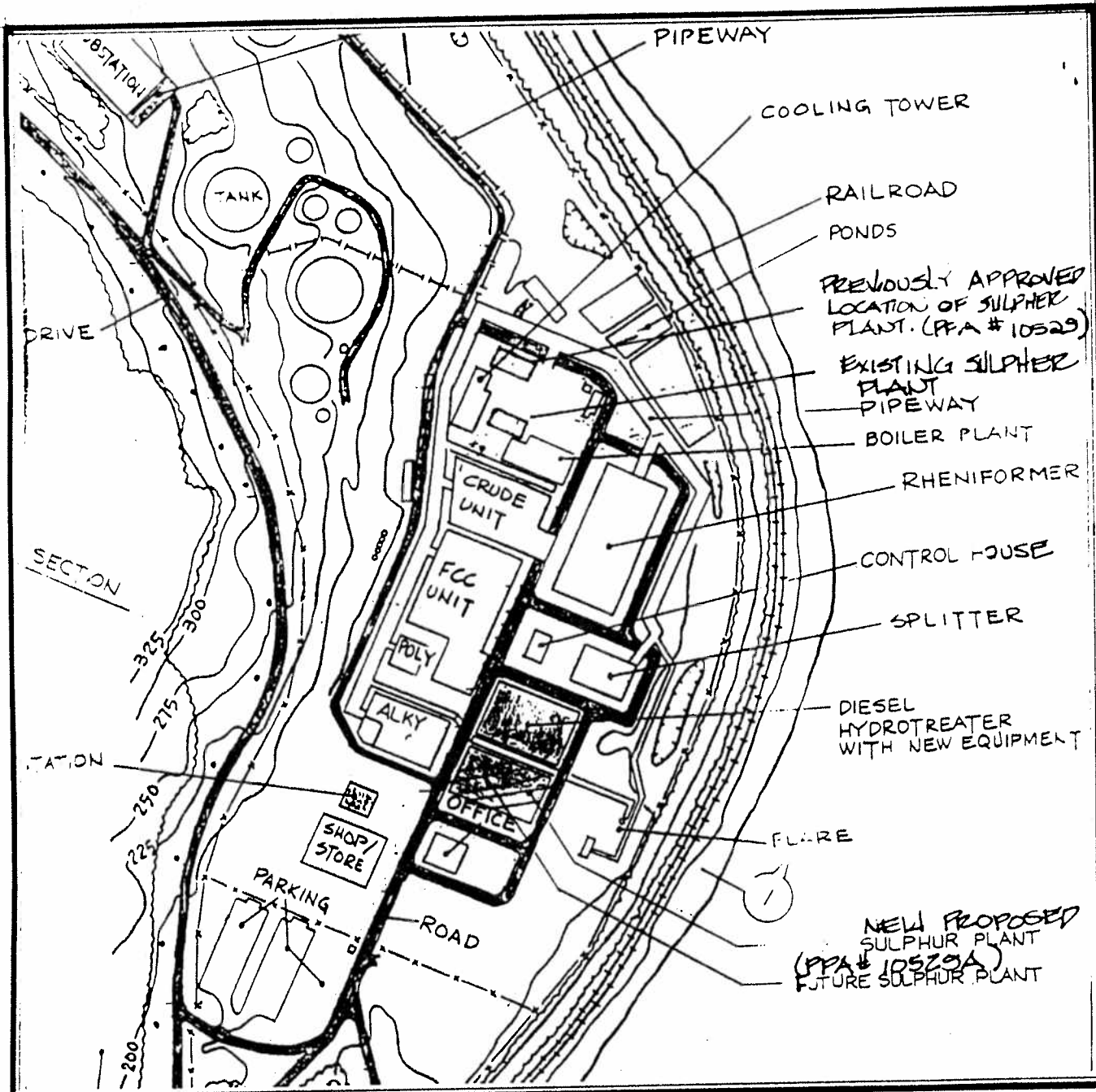
PJA/ds

Attachment

cc: Chief Public Health Inspector
Director Administration & Community Services

ATTACHMENT I

ITEM	18
MANAGER'S REPORT NO.	37
COUNCIL MEETING	93/06/07



Date: 93.06.02

Scale: N.T.S.

Drawn By:



City of
Burnaby
Planning & Building Dept.

Revised Location of New Sulphur Plant