



**Chevron Canada Limited**  
Burnaby Refinery  
355 North Willingdon Avenue  
Burnaby, B.C.  
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December 10, 2010

Ms. Lavinia Zanini  
Land Remediation Section  
Ministry of Environment  
Lower Mainland Region  
10470, 152<sup>nd</sup> Street  
Surrey, BC, V3R 0Y3

Mr. Doug Walton  
Risk Assessment and Remediation  
Land Remediation Section  
Ministry of Environment  
PO Box 9342 Stn Prov Govt  
Victoria, BC, V8W 9M1

**Weekly Status Report December 10, 2010**  
**BC Site Number 6726**

Dear Ms. Zanini and Mr. Walton:

cc: City of Burnaby – Saleh Haidar  
CP Rail – Kevin Houle  
Department of Fisheries and Oceans – Murray Manson  
Environment Canada – Chris Raymond  
First Nations - Squamish Nation – Tim O’Hara  
First Nations – Tsleil-Waututh Nation – Sophie Middleton  
Fraser Health – Gord Stewart  
INAC (Department of Indian and Northern Affairs) – Tim Powers  
Port MetroVancouver – Juergen Baumann, Carolina Eliasson, and Darrell Desjardins

This weekly status report is in response to the requirement set out by the Ministry of the Environment to keep the Ministry updated on information regarding on-going inspections, investigations and remediation of the area of concern. The frequency of the report may change as work progresses.

For those who have been copied: *Please advise if you wish to be taken off of the distribution list for this weekly report.*

As we have previously advised, Chevron is committed to ensuring that we protect our local environment, and mitigate and contain any potential impacts relating to this seepage.

These weekly updates, including attachments, are being provided on the [www.chevroncap.com](http://www.chevroncap.com) website (see “Current Issues” under the Resources tab).

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Site Visits:

The seep received media attention this past week, with media attending at the beach and observed on the railway tracks.

Chevron respectfully requests that any one wanting to view the work at the railroad tracks or the beach to not trespass on railroad property without getting proper authorization from CP Rail. Chevron will provide access to the railroad site via the refinery which does not put anyone at a great safety risk of encountering rapidly moving trains. Thank you.

Investigations:

SOURCE

Three additional wells were installed this week. Groundwater monitoring continued.

DELINEATION

A work plan for a detailed site investigation (DSI) of the foreshore is being reviewed by the Burrard Environmental Review Committee (BERC).

Remediation:

Full pilot testing of the hydraulic barrier system is on-going. Data continue to be collected to evaluate the performance of the extraction system as a whole in order to make further modifications as necessary.

Seepage at the beach continues and someone continues to check the area every day during low tide (access permitting) and recovers any observed material using soaker pads. Authorization has been received from the Vancouver Fraser Port Authority on behalf of BERC for interim mitigation measures at the beach.

As well, we are continuing to remove on a daily basis any observed accumulation of groundwater and hydrocarbon from the interception trench that was installed alongside CP Rail's tracks on April 22nd. Based on visual observations, the rate of inflow appears to have declined somewhat.

I trust this helps to let you know of our progress to date, and to demonstrate that we are being pro-active and continuing to place this situation at a high priority. Please let me or Chris Boys (604-257-4012) know if you have any questions.

Thank you.

*Jill Donnelly, P.Eng.*  
OE/HES Manager  
Burnaby Refinery  
Phone: 604-257-4005