

Minutes of Chevron Burnaby Refinery Community Advisory Panel Meeting

Thursday October 21, 2010

7 – 9 pm at the Confederation Seniors Centre

Present:

Dianne Alsop, Myrna Bennefeld, Pat Connelly, Kathryn Curran, Jill Donnelly, Bonnie Hayward, Guenther Krueger, Rob Maclean, David McLellan, Judi Marshall, Kathy Mezei and Art Quan

Chevron representatives:

Jim Gable, Refinery Manager; Ray Lord, Public & Govt. Affairs Manager; Jill Donnelly, Health Environment & Safety Manager; Chris Boys, Environmental Specialist

Metro Vancouver Representatives:

Silvano Padovan, Regulatory representative for Metro Vancouver

Facilitator:

Kim Barbero, Carah Worldwide Consulting, Inc.

Regrets:

Eileen Luongo and Darrell Wakelin, Regulatory representative for Metro Vancouver

A. CAP BUSINESS

1. Opening Remarks

- Kim Barbero welcomed the following four new members to CAP: Myrna Bennefeld, Eileen Luongo, Rob Maclean and Pat Connelly. Kim also reported that following the last meeting in June, Steve Lower communicated to Chevron his decision to retire from CAP. A follow-up with Steve thanking him for his contributions to CAP over the years has been sent.
- Recently appointed Burnaby Refinery Manager Jim Gable introduced himself and shared with CAP his experience working for Chevron the past 12 years, most recently at a Chevron Oronite chemical plant in Louisiana which has the second oldest CAP in the US. The CAP, founded in the late 1960's, is recognized for its effectiveness at resolving issues, engaging in constructive dialogue and strategic planning for subsequent years. Jim noted that Chevron is proud of its CAPs and that he is looking forward to working with the Burnaby Refinery's CAP going forward.

2. Burnaby Refinery Area 2 Seepage

- Jim Gable provided some introductory comments prior to Jill Donnelly's presentation on the Area 2 seepage, by communicating that the refinery's top three priorities in addressing this issue continue to be: (1) mitigating off-site effects of the hydrocarbons (2) stopping ongoing migration off of Chevron property (3) identifying any current, contributing source of the seep.
- For the benefit of the new CAP members, Jill Donnelly re-capped the initial action steps taken when Chevron became first aware of the seep situation on April 21st 2010 during a routine perimeter inspection. She then reviewed the progress made in responding to the seep since the last meeting of CAP (see addendum #1).

The presentation was followed by a brief question and answer period – a summary of the questions and answers follows:

- **Q: Is there any evidence pointing to the cause of the seep?**
A: At this point in time we have not identified any current contributing sources. We continue to investigate within the refinery but maintain that it may be the result of historic sub-surface contamination on the refinery site.
- **Q: How often will Chevron change the absorption mats that will be used to absorb the hydrocarbons at the beach?**
A: The condition of the mats will be monitored regularly. They are designed to be effective for up to two years but will be changed sooner if required.
- **Q: The search for the source of the seep seems hit and miss, yet Chevron is focusing on four specific areas, why?**
A: The content of the seep material recovered leads us to believe that the effluent sewer may be the most likely source so we are being very intentional and systematic with our areas of focus.
- **Q: Has Chevron tested the ocean for any evidence of the seep?**
A: Testing of the ocean has not yet been conducted. Contamination of the water is unlikely due to the small amount of hydrocarbon involved and being observed at the foreshore.
- **Q: Is excavation unrealistic?**
A: It is not out of the question but it would be difficult. For excavation on the Chevron site consideration would need to be given to slope stability, the challenging geology and infrastructure of the site. CP Rail will not allow remedial excavation under the railroad tracks. The beach plan will involve some excavation in order to position the absorption mats.

- **Q: A strong odour is evident on the beach. Is this from the soaker pads you're using?**

A: Some odour exists in the immediate area of the seep as we noted on our CAP tour of the site in the Spring. Looking forward, plastic mats will be used to contain odours and any evidence of oil when the absorption mats are installed. Chevron will give consideration to other action steps that could be taken to minimize odours that may be experienced by those walking on the beach.

3. Chevron Summer/Fall 2010 General Refinery Update

- Jim Gable reported that there have been two operational objectives since the last meeting of CAP: (1) addressing the seep (2) safely executing the major Fall shutdown which takes place once every five years.
- Jim noted that the shutdown has progressed very smoothly with the main focus on the FCC and the SRU units. A phased restart of several sections of the plant was underway at the time of the meeting with full refinery operation expected to be restored around October 23rd.
- Jim said that Chevron is confident that the upgrades and work completed will continue to improve overall reliability.
- As part of Chevron's tank maintenance program, Jim noted that Tank 1002, located in Area 2, is currently undergoing maintenance work. Repairs underway include a floor replacement, refurbishing the secondary seals and recoating of internal surfaces. Every effort is being made to minimize any impacts of this work including noise. Required work is expected to be completed by late March/early April.

4. Metro Vancouver Update

- Silvano Padovan reported installation of a PM10 monitor at station T24. The device is used to monitor release of particulate. Silvano noted that PM10 readings are available on the Metro Vancouver Web site (addendum #2).
- Silvano also discussed new reporting requirements for Chevron as it relates to flaring. Chevron is now required to report events where flow to the flare exceeds 50 cubic metres per minute.

5. Neighbourhood CAP Meeting

- CAP addressed the format and promotion of the November 25th Neighbourhood CAP meeting. Chevron had circulated a meeting format option in advance for CAP's consideration.
- The proposed format, which included an Open House element for attendees to learn more about specific topics related to refinery operations , as well as a more formal process for a Q&A session that included questions being submitted on cards and aggregated by the facilitator for response, was not favoured by some members of CAP.
- Following lengthy discussion, it was agreed that Chevron would consider the suggestions being put forward and submit a revised format for the meeting

** Note - Subsequent to the meeting, a revised meeting format option was proposed that reflects the suggestions that were made by CAP. No further feedback or input had been received by Nov 2nd. Chevron will proceed with preparation and promotion of the meeting as outlined in the revised proposal.

B. Next Scheduled Meeting:

First Annual CAP Neighbourhood Meeting November 25, 2010, 7-9pm at the Confederation Seniors Centre.