

Minutes of Chevron Burnaby Refinery Community Advisory Panel

Annual Neighbourhood Meeting

Thursday, November 24, 2011

7 – 9 pm at the Confederation Seniors Centre

PRESENT

Pat Connolly, Rob Firkins, Bonnie Hayward, Maziar Kazemi, Ian Lacoursiere, Eileen Luongo, Rob Mclean and Al Mytkowicz.

Chevron representatives:

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

Other Chevron personnel attending this year's Neighbourhood CAP meeting as information or technical resource specialists were: Ruth Uy - Environmental and Compliance Lead, Chris Boys – Environmental Specialist, Abbas Dhalla- Refinery Maintenance Manager and Dave Sharpe – Refinery Operations Superintendent.

Metro Vancouver Representatives:

Larry Avanthay and Darrell Wakelin, Regulatory representatives for Metro Vancouver

Facilitator:

Kim Barbero, Carah Worldwide Consulting, Inc.

REGRETS

Kathy Curran, Kathy Mezei and Art Quan

1. Welcome/Opening Remarks

- Kim Barbero welcomed CAP members to the Annual Neighbourhood Meeting, noting that there were no additional members of the public or surrounding community present. Kim suggested, and CAP agreed, that the meeting should continue as planned. It was suggested that CAP perhaps consider planning the Annual Neighbourhood Meeting for June, instead of November, in hopes of attracting greater interest from local residents.
- Following a brief roundtable introduction, Ray Lord introduced Catherine Rockandel, who will be assuming the role of our CAP facilitator in 2012, and Jocelyn Fraser, a Communications consultant who has assisted the CAP in the past.

2. Burnaby Refinery Overview

- In response to a CAP suggestion made at the Sept 15th, 2011 meeting, Ray Lord presented an historical overview of Chevron; its current BC based marketing operations and the Burnaby Refinery specifically. A copy of the presentation is included as Addendum 1.
- Questions posed to Chevron included:

Q1: With the potential expansion of the Trans Mountain Pipeline, is Chevron interested in expanding the Refinery?

A1: There are currently no plans to expand the Burnaby Refinery or the Kinder Morgan owned and operated jet fuel pipeline to YVR

Q2: If there were ever to be an expansion of the Chevron Refinery, is it reasonable to expect that we would hear about it at CAP?

A2: Yes, CAP would be informed of any significant change planned.

3. Metro Vancouver Update

- Larry Avanthay presented an overview of Metro Vancouver's role as regulator of air quality and liquid waste in the region. A copy of the presentation is included as Addendum 2.
- CAP member identified a natural gas leak of FORTISBC line which occurred last summer during local sewer construction. Question was asked whether the incident would have been captured by the monitors at the MV North Burnaby ambient air monitoring station (T24). MV representatives were not aware of this specific incident or if anything unusual had been detected in the ambient air monitoring data. CAP member was to contact MV representatives with the time and date of incident so a review of monitoring data could be conducted.

4. 2011 CAP Review

- Kim Barbero presented a look-back at the 2011 CAP priority subject areas, identified at last year's Neighbourhood CAP meeting as the most important subjects to be addressed by CAP in the coming year. The subjects were derived from a compiled list of 14 items generated during the CAP agenda planning session at the November 25, 2010 Neighbourhood CAP meeting.
 - a. **Area 2 seep** – this was the single most important issue to Chevron and the community during last year's Neighbourhood meeting and continued to be a priority throughout the year. Regular updates were provided to CAP and posted on the CAP Web site.
 - b. **On site contamination monitoring** – as the year progressed, and information about progress regarding the Area 2 seep continued, Chevron re-introduced its regular

monitoring and site remediation updates that had been a regular CAP communication for several years. These updates will continue going forward.

- c. **Emergency notification and response** – this is a subject that members of the community and CAP identified as important during last year’s CAP agenda planning session. In response, Chevron arranged for a presentation by the City of Burnaby early in the year and subsequent efforts have been made to advance this subject. A presentation was made to CAP about Chevron’s existing emergency response systems and processes; Chevron has had meetings with emergency management officials from other municipalities to learn about their communication and notification systems in the event of an emergency; meetings have also been held with the Assistant City Manager’s office at the City of Burnaby. Chevron has communicated its interest in working with the City and potentially funding further research or some form of a pilot system for this neighbourhood.
- d. **Odour Management Plan (OMP)** – Chevron’s first annual OMP review process was undertaken in 2011. This included a review of data, identifying trends and making recommendations regarding odour issues and complaints. The review was conducted by Chevron Health, Environment and Safety staff and included the participation of volunteer CAP members Eileen Luongo and Kathy Curran.
- e. **Refinery Flaring** – Whilst refinery flaring had been identified as one of the priorities during last year’s neighbourhood meeting and one of the top three priorities for CAP when it reconvened in January of 2011, it was agreed by CAP during the course of the year that items a. to d. above remained the highest priorities. This subject was, therefore, deferred.

5. Questions

- Kim Barbero facilitated an open question and answer period.

Q1: There has been recent speculation of sheen in the water. Is this from the Area 2 seep site? What is the expected result of placing the boom in the water?

A1: The boom has been kept in place to capture any potential hydro-carbon related sheen during high tide. It is difficult to definitively identify the source of a sheen – it is possible it may be coming from the beach or another non-related destination altogether.

Q2: Are there any updates to the November 17 seep report?

A2: There were no new updates to report. CAP is reminded that updates are posted on the CAP Web site – in the “Resources” Section every two weeks.

Q3: Is there a compliance update produced by Metro Vancouver or are there certain activities that must be followed? What is Chevron’s compliance rate?

A3: Chevron has two permits administered by Metro Vancouver which contain requirements for regular monitoring and reporting of air emissions and discharges to sewer. The air discharge

permit requires source testing by third party consultants as well as continuous emission monitoring on major discharge sources. Chevron submits their reports to Metro Vancouver for review. Once reviewed, air emission monitoring reports are posted on the MV Air Quality Regulatory Program web site.

Q4: What is the penalty Metro Vancouver imposes for non-compliance?

A4: There is a range of enforcement tools available with the severity dependent on a number of factors that may include the need to send a strong message of deterrence, the likelihood of conviction as well as whether the enforcement action serves the public interest. The Bylaw allows for a range of fines up to a maximum of \$1 million with ticketable offences ranging up to \$1,000. There is also a range of non-punitive tools available which can include the issuance of advisories or notices.

Q5: Between areas 1 and 2 there is a bark mulch strip along a right-of-way where, during the winter when the snow is melted, one can sometimes small stream plumes or hear a hissing-like noise. What is this?

A5: What you are seeing is the buried interplant pipe-way between the two areas of the refinery. There are pipes buried three-four feet underground transferring finished products between the two sections of the plant. Some of the pipes are heated during the winter months. The heated lines can melt the snow or slush that accumulate on the ground along that right-of-way resulting in wisps of steam at ground level. The sound you hear in the area from time to time is steam being released from steam traps near the refinery property perimeter. This is a normal part of refinery operations.

6. Proposed Agenda Topics for CAP in 2012

- The group was invited to provide input into the agenda planning for CAP in 2012. Subjects put forward for consideration included:
 1. Flaring – (carried forward from 2011)
 2. Local traffic planning by the City of Burnaby (West Coast Express train station near Berry Point; blocking traffic access to Gamma from Penzance)
 3. CAP administrative review & assessment (Terms of Reference; processes, procedures)
 4. Presentation on refinery security
 5. Perimeter vegetation management plan
 6. Management of emissions (previous activities/LDAR/ environmental actions)
 7. Emergency notification
 8. Ongoing news of maintenance turnarounds
 9. Odour Management Plan

7. Next Meeting/2012 Meeting Schedule

- CAP agreed that there would be four meetings in 2012, including the neighbourhood meeting possibly scheduled for a spring or summer time frame. The following tentative meeting dates are proposed for 2012:
 - Winter 2012 meeting – Thurs, January 26th - booked & confirmed (date is currently listed on CAP website)
 - Spring 2012 meeting – Wed, May 2
 - Summer 2012 meeting – Thurs, Sept 13
 - Fall 2012 (Annual Neighbourhood meeting) – Wed, Nov 21

These dates will be finalized at the first regular CAP meeting of 2012 on January 26, 7pm at the Confederation Senior's Centre.