

**Chemtrade Logistics-ERCO Worldwide-Univar Solutions-Terrapure Environmental
North Shore Community Advisory Panel (CAP)
MEETING SUMMARY NOTES
ERCO Worldwide, 100 Forester St, North Vancouver**

**4:30 pm Tour/5:30 pm Dinner/Meeting 6:00 pm to 8:00 pm
Tuesday, November 19, 2019**

Attendance

Tom Miller, ERCO Worldwide
Brian Scott, ERCO Worldwide
Maureen Clarkson, ERCO Worldwide
Joaquin Verdugo, ERCO Worldwide
Robin Lee, Univar Solutions
Rob Schultz, Chemtrade Logistics
Steve Spence, Terrapure
Environmental
Fiona Dercole, NSEM
Lianne Payne, Wild Bird Trust
Arielle Dalley, DNV
Andrew Van Eden, Tsleil-Waututh
John Miller, Lower Capilano Residents
Association
Babs Perowne, NV Can
Stuart Meyer, Miles Industries
Val Hammerberg, Maplewood Area
Community Association (MACC)
Stuart Porter-Hogan, Maplewood Area
Community Association (MACC)
Bruce Crowe, Inter-River Association
Alex McNeil, Blueridge Community
Association
Bill Maurer, Seymour Valley
Community Association
Sharon Porter, Resident
Stuart Spani, Maplewood Area
Community Association (MACC)

Regrets

Anastasia Ovodova, Port of Vancouver
Lisa Richardson, Resident
Dave Mair, Resident
Cathy Brydon, Resident

1. Introductions

CAP members introduced themselves and welcomed guests attending CAP for the first time. Tom Miller provided members who had taken the ERCO Worldwide tour an opportunity to ask further questions. He clarified that the plant cannot run on standby power.

2. Review of September CAP meeting minutes

Members reviewed the September CAP meeting minutes. Additions to the original draft sent out to members after the meeting were highlighted. Members were asked for further additions. No further additions were requested. The facilitator will finalize the September meeting minutes and send to DNV to post on their CAP information webpage.

CAP members received a copy of the updated Terms of Reference, where the second goal had been changed from “hazardous chemical accidents at the plants” to “potential and actual hazardous chemical accidents at the plants” as agreed on by all CAP members at the September CAP meeting.

3. NSEM Update

NSEM recently facilitated Exercise Annona – a post-disaster logistics exercise that simulated the time frame of 5-7 days after a major earthquake. The Exercise provided an opportunity for participants to practice moving emergency personnel and relief supplies into and around the North Shore region, assuming that bridges are impassable. Municipal staff and other volunteers were transported to and from work using unconventional methods – such as hovercraft, police boat, private vessels, helicopter and float plane. The distribution of relief supplies component of the exercise took place at Cates Park and residents were invited to line up to receive packages of supplies. The supplies were donated by local businesses and consisted of emergency preparedness supplies to assist those who participated in being better prepared for emergencies.

Fiona Dercole announced her departure from NSEM; effective Dec 13, 2019. She will be moving with her family to Kimberley, BC and has accepted position with the Regional District of East Kootenays. Mike Andrews will subsequently be Acting Director of NSEM and recruitment for the Director position will take place in January 2020. Fiona thanked the CAP for their participation and contribution to disaster resilience on the North Shore. She confirmed that that the February 2020 CAP meeting focusing on emergency

notification and alerting in the case of a chemical hazard would take place at NSEM.

4. CAP Facilitator Role Review

Tom Miller provided an overview about the history of the hiring, term and review of the CAP facilitator as requested by CAP members at the September CAP meeting.

He explained that the CAP was formed in the fall of 1995 as the companies needed to communicate risk assessment to the local community. The CAP was advertised in the local newspaper with a request for members. The sponsor companies have always been responsible for the interviewing, hiring, and review of facilitators that have served on the North Shore CAP.

Through the years, CAP has had facilitators who have provided guidance and leadership to the group:

- Lori Walker, Dec. 1995 – Sept. 2001
- Liz Neil, Sept. 2001 – Sept. 2006
- Rosanna Hille, Sept. 2006 – Sept. 2010
- April English, Sept. 2010 – Sept. 2015
- Daniela Cohen, Sept. 2015 – Present

It was noted that the North Shore CAP is unusual in that there are four companies represented, compared to other CAPs which may have only one company. The role of the facilitator was clarified as coordinating CAP meetings, facilitating communication and dialogue among CAP members as a neutral person, and recording meeting minutes.

CAP members agreed that they were satisfied with this overview of the facilitator role.

5. CAP Guiding Principles Review

The CAP Guiding Principles were reviewed as a group. The facilitator raised the concern that it took until the CIAC audit dinner for CAP members to raise their concerns. She encouraged members to put the “jump in” aspect of the Guiding Principles into action. This includes identifying agenda items, speaking up at meetings, asking for what you want and making sure concerns and suggestions are properly documented in the minutes. CAP members expressed that the questions asked at the CIAC audit dinner

prompted them to fully express their concerns.

A question was raised about how CAP members' concerns and suggestions documented in the minutes provides input to the Responsible Care audit process, as mentioned in the last point of the Guiding Principles. Rob Schultz clarified that the recent CIAC audit at Chemtrade Logistics had focused on the community outreach piece of the Responsible Care codes in North Vancouver and in Fort Saskatchewan. He noted that this provides a performance review of the North Shore CAP, and ideally the facilitator should not hear things that have not already been discussed in the CAP.

CAP members indicated that they were satisfied with the Guiding Principles.

A new CAP member, Health and Safety Committee Chair for a local business, mentioned that he had made copies of the Welcome Package for his team. He felt the information contained set people's minds at ease. He expressed that it was useful to have the companies' individual information as well as links to websites included, that it was helpful to have accurate information provided rather than hearsay. He suggested that a downloadable link of the Welcome Package be available on the page where CAP is hosted on the DNV website. The facilitator will request this from DNV.

6. CAP Outstanding Items List Review

The list of outstanding items created in the September CAP meeting was reviewed with the intention to set priorities, timelines and designate who would be responsible for the actions concerned. The list below includes decisions reached in the November meeting.

- Adequate emergency notification – The February 2020 CAP meeting will focus on this topic. The meeting will be held at NSEM.
- Accuracy of CAP meeting minutes, and request that minutes be issued within 2 weeks after CAP meetings, thus allowing adequate time for members to review them and provide edits or additions as needed. This goal was reached after the September meeting, and an ongoing commitment to this has been made by the facilitator and the companies. It was decided that any outstanding action items would be listed at the end of the meeting minutes from now on.
- Procedures to address a spill at Chemtrade. This was raised in the February 2019 meeting. This has been now been included in the adequate emergency notification item.

- Information on Responsible Care. The decision was made to give the link to Responsible Care website in the Welcome Package with a summary of the key points, and note that the Responsible Care booklet is available upon request. Responsible Care will also be spoken to at the first CAP meeting of the year.
- Mechanism to share direct concerns that arise between meetings. It was decided that if the member raising the concern wants this to be discussed at a CAP meeting, the concern will be addressed to the facilitator; otherwise, the member will contact the company concerned directly.
- Welcome Package – It was decided to add the CAP Guiding Principles into the Welcome Package. This will be done by the CAP facilitator by the February 2020 meeting.
- CN’s safety procedures – It was decided to put this on the agenda for the next CAP year. The specifics of what members are looking for around this topic will be clarified at the June CAP meeting.
- CAP Outreach – Ideas for this included placing an ad in the free online community section of the *North Shore News*, placing information in *Wingspan*, having a presence at community events, and targeting OHS committee representatives from local businesses. A focus on CAP outreach is planned for the April 2020 meeting.

7. CAP Outreach

The challenge of getting community members to care about these issues was raised. A CAP member mentioned that he had put a call out in the flyer of the community association he belonged to asking for someone to replace him on the CAP and there had been no response. It was noted that there is a fine line between ensuring an open forum for discussion with the community and trying to change society to make people care.

Ideas for CAP outreach raised at the meeting included a pop up tent at Blueridge and Lynn Valley days. A CAP member requested a half page summary from CAP with basic information for the Maplewood Home Companion by December 1st. The facilitator will adapt the CAP one pager for this purpose and send this to the CAP member.

8. Reports from the Companies

a) ERCO Worldwide

Tom Miller reported that on November 19th, NV employees have worked 1281 days since the last Recordable safety incident (May 17/16) & 3240 days since the last Lost Time

Meeting Summary Notes – November 19, 2019

5

North Shore Community Advisory Panel (CAP)

Accident (January 05/11). It has been 2379 days since last Reportable Environmental incident (May 15/13). A team of 4 senior corporate engineers are conducting a week-long process safety management audit of North Vancouver operations this week. Tom will provide an update to CAP when the report is issued, likely after the end of the year.

Q3 outfall summary was forwarded to BC MOE as per permit PE-395. All tested parameters were within permit limits. Site sumps inspections and testing continued in the fall as per ERCO's Groundwater Protection Plan. A few minor repairs were made, and all tested sumps passed criteria. Status was reviewed with the corporate environmental department in October.

In November, ERCO personnel met individually with over 70 neighbours to review the site risk assessment and their recent completed projects to mitigate risk (i.e. new hydrochloric acid tank and covered acid containment sump completed in 2018). The site's *Worst Case Scenario* is failure of containment of a raw material – hydrochloric acid. The new hydrochloric acid tank and covered acid containment sump greatly reduce the distance neighbours would be required to shelter-in-place in this unlikely scenario. This would now be 300-400m instead of the original 870m in the case of a storage tank rupture and 1600m in the case of a delivery truck hose rupture. Tom confirmed that the new tank and sump were engineered for earthquake zoning. He also noted that there is annual emergency response training for all ERCO North Vancouver employees in the *Worst Case Scenario*. Please see the attached information on ERCO's North Vancouver Quantitative Risk Assessment Summary as well as the ERCO North Vancouver Safety Message presented by Tom at the CAP meeting for further details.

Internal Quality audits to ISO 9001:2015 standards are occurring on site in November. There is no update on the previous announcement by Superior Plus Corporation that it is considering a sale of its Specialty Chemicals business (ERCO Worldwide).

The CN strike in effect today will affect product delivery to customers. Any prolonged work stoppage may affect plant capacity.

b) Chemtrade Logistics

Rob Schultz reported that there have been no lost time injuries since the last CAP meeting. On September 27th, the plant achieved one year injury free. This was the first time since 2014 and the hope is to continue this.

There have been no Environmental, Security or Transportation incidents since the last CAP meeting. On Oct 15th, three Transport Canada inspectors were on site to complete a

Marine Security Audit of the facility. The audit and inspection found no deficiencies in the plant's security systems and procedures.

During the week of October 15th, the plant conducted an internal ISO 9001:2015 audit. No significant findings were noted, only a few opportunities for improvement. The report has yet to be issued.

In November, a small plant outage was taken to deal with a caustic leak in the basement of the cell house and an acid leak in the chlorine dryer area. The plant returned to operation after the two day planned outage with no issues. The plant is currently operating at ~59% capacity due to the CN rail strike. The strike will impact plant operations depending on the duration. The plant will be able to operate at this reduced rate for several days using up the current empty rail car inventory on site. Once the inventory is filled on December 1st or 2nd, the plant will be forced to shut down until the labor dispute is resolved and CN begins servicing the plant again.

A CAP member raised the question of whether the CN strike would result in Chemtrade storing more chlorine on site than their license would allow. Rob replied that their license allowed for onsite storage of an average of 30 chlorine cars per day over the year. He explained that Chemtrade tracks loaded chlorine cars on site each day and then monitors the average number of cars on site over the year. If it looks to be getting close to the limit, the plant will ship more cars or reduce the loading rates to ensure it stays under the 30 car per day average. Post Meeting note: Rob advised that for 2019, the plant is currently averaging 18 loaded chlorine cars on site per day.

c) Univar Solutions

Robin Lee reported that there have been 1312 days since the last safety recordable and 3240 days since the last DAWC. Since the last CAP meeting, an incident occurred with a diesel and hydraulic fluid release in the dike area due to a zoom boom malfunction. All was within containment and cleaned/removed prior to release. A near miss occurred with a detached manway on a railcar where a hinge that had seemed secure was loose. The car has been secured and will be sent for repairs.

The caustic tank work is complete. New piping is expected to be installed to better manage site water release from sumps. This is scheduled to start on November 25th. A BC Hydro planned 4hour outage is scheduled for November 22nd. The CN Rail strike means Univar Solutions has no rail operations, which is their main means of transloading product. A Transport Canada Marine Security Audit is planned for Q1 2020.

Succession plans are in place for lab and maintenance personnel, and new longshore training is scheduled for 2020. Univar Solutions donated to the North Vancouver Fire Fighter's Fund, which is part of the fall fishing derby. The proceeds go to Athletes for Kids and the Seymour Salmonid Society.

d) Terrapure Environmental

Steve Spence reported that Terrapure Environmental is currently hiring for a used oil collection truck driver (class 1 or 3). He noted that the facility is currently operating at 90% capacity, and reminded members that the facility operates 24/7/365. A fall maintenance turnaround is scheduled for the week of November 25th. The plant will shut down on November 24th and is expected to start up again on November 30th.

The facility continues to operate lost time injury free, and there are no first aid incidents to report since the last CAP meeting. On November 14th, a minor incident occurred when a third party tanker truck bumped a bollard while driving through the facility. The trucking company was contacted and the incident reported. Terrapure Environmental is currently working on corrective actions.

On November 1st, the Ministry of Environment and Climate Change Strategy conducted an inspection of the facility. No infractions were cited. Two suggestions were made regarding signage and sludge drum labelling. Corrective action has been taken to address both issues.

Training continues to be focused on the five core course: WHMIS, TDG (Transport of Dangerous Goods), First Aid, Confined Space Awareness and H2S Alive. Supervisors are beginning to do a refresh on SEFSAM (Safety Essentials for Supervisors and Managers) training with Global Training in Alberta.

Steve informed CAP members that a truck could be sent out to collect used oil in drum quantities, but smaller quantities could be dropped off at various locations, including one in North Vancouver, the details of which can be found on the BC Used Oil Management Association website at <https://bcusedoil.com/>

There was a question if a spur line would be put in for more railcars. Steve responded that if this happens, it would be on the north side of the facility for the storage of 8 railcars.

9. Summary of Recently Submitted Development Applications

Arielle Dalley informed CAP members that since the previous CAP meeting, there has been one new significant development application in the area:

- **405-485 Marie Place**

- o Engage Architecture has submitted a detailed application that proposes:

- § 140 owned apartments in 2 six storey buildings

- § 161 parking spaces (147 for residents, 14 for visitors)

- o There is no commercial space proposed for this development.

There is an early public input meeting regarding the application for **2045-2075 Old Dollarton Road**.

- Date: December 5th from 6 pm to 730 pm (the open house begins at 6 pm and there will be a presentation at 630 pm).
- Location: Kenneth Gordon Maplewood School (420 Seymour River Place).

There are no further updates about the telecommunications tower application for the lot south of 2255 Dollarton Avenue.

The District of North Vancouver is also conducting a targeted review of key areas of our Official Community Plan, the document that guides the District's planning and decision making about the future of our community. The four key areas the District is reviewing include: Housing, the Economy and Employment Lands, the Climate Emergency, and Transportation. To date, community input has been gathered through a demographically representative phone survey and intercept interviews conducted across the District by Community Planning staff. Arielle clarified that around 100 people had been interviewed in the community. Further engagement, including focus groups, will take place in the new year. For more information, or to provide your own thoughts and feedback, please visit DNV.org/communityplan.

In response to a question about modular housing, Arielle mentioned that this may be considered in the official community plan targeted review.

A CAP member mentioned that the Tsleil-Waututh had applied for an extension of their reserve lands by an extension of 45 acres in North Maplewood in order to assist

the Nation to move toward economic prosperity.

10. Other Business

Lianne Payne from the Wild Bird Trust handed out copies of *Wingspan* to CAP members, and noted that a bird calendar was available for purchase at \$20. She mentioned that she had attended the Port of Vancouver Land Use Plan consultation yesterday and recommended CAP members review this if interested.

11. Meeting Evaluation and Close

The meeting ended at 8:40pm.

CAP Action Items

Action	Responsibility	Timeline	Status
1. Finalize September CAP meeting minutes and send to DNV to post on website.	CAP facilitator	Before November meeting minutes are sent out (December 3 rd)	Completed
2. Revise Welcome Package by adding in Guiding Principles and the link to Responsible Care website with a summary of the key points, and note that the Responsible Care booklet is available upon request.	CAP facilitator	By next CAP meeting on 18 February 2020.	In progress
3. Create downloadable link of the Welcome	CAP facilitator to request this from DNV.	By next CAP meeting on 18 February 2020.	Not started

Package on the page where CAP is hosted on the DNV website.			
4. Send half page summary of CAP information to CAP member for Maplewood Home Companion	CAP facilitator	By December 1st	Completed
5. Discuss CAP Outreach in more depth	CAP facilitator to add to agenda	April 2020 CAP meeting	Not started
6. CN Safety procedures to be added to next year's agenda	Facilitator to clarify specifics CAP members are looking for on the topic	June 2020 CAP meeting	Not started



ERCO Worldwide Update

(since last CAP meeting on September 17, 2019)

Operations

- ERCO NV plant has run well and at capacity since our last CAP meeting. Only shutdowns in September - October period were scheduled maintenance shutdowns for each of the two cell lines. In November, the plant has run well without any shutdowns.

Safety/Environmental

- ERCO employees and contractors continue to work safely. On November 19th, NV employees have worked 1281 days since last Recordable safety incident (May 17/16) & 3240 days since our last Lost Time Accident (Jan. 05/11).
- This week, a team of 4 senior corporate engineers are performing a week-long process safety management audit of NV operations. I will provide update to CAP when report is issued.
- Q3 outfall summary forwarded to BC MOE as per permit PE-395. All tested parameters were within permit limits.
- As per ERCO Groundwater Protection Plan, site sumps inspections and testing continued in the fall. A few minor repairs made, and all tested sumps passed criteria. Status was reviewed with corporate environmental department in October.
- It has been 2379 days since last Reportable Environmental incident (May 15/13).

Miscellaneous

- In November, ERCO personnel met individually with over 70 neighbours to review our site risk assessment and our recent completed projects to mitigate risk (i.e. new hydrochloric acid tank and covered acid containment sump completed in 2018). The site's *Worst Case Scenario* is failure of containment of a raw material – hydrochloric acid.
- Internal Quality audits to ISO 9001:2015 standards are occurring on site in November.

- No update on previous announcement by Superior Plus Corporation that it is considering a sale of its Specialty Chemicals business (ERCO Worldwide).
- CN strike in effect today – will affect product delivery to customers. Any prolonged work stoppage may affect plant capacity.

Tom Miller

November 19, 2019



Community Advisory Panel (CAP) November 19, 2019 Briefing Notes

Responsible Care – Safety, Security, & Environmental:

- **Safety:**
 - There have been no lost time injuries since the last CAP meeting.
 - The plant achieved one year injury free on Sept 27.

- **Environmental:**
 - There have been no environmental incidents since the last CAP meeting.

- **Security:**
 - There have been no Security incidents since the last CAP meeting.
 - On Oct 15 we had three Transport Canada inspectors on site to complete a Marine Security Audit of our facility. The audit and inspection found no deficiencies in our security systems and procedures.

- **Transportation:**
 - There have been no Transportation incidents since the last CAP meeting.

- **Responsible Care:**
 - We conducted an internal ISO 9001:2015 audit the week of Oct 15.
 - No significant findings noted.
 - Report has yet to be issued.

- **Plant Operations:**
 - A small plant outage was taken in November to deal with a caustic leak in the basement of the cell house and an acid leak in our chlorine dryer area. The plant returned to operation after the two day planned outage with no issues.

- The plant is currently operating at ~59% capacity due to the CN rail strike.
- The CN Strike will impact plant operations depending on the duration. We will be able to operate at this reduced rate for several days using up our current empty rail car inventory on site. Once the inventory is filled we will be forced to shut down until the labor dispute is resolved and CN begins servicing the plant again.

Univar report November 19, 2019

EHS

Personal Safety

- 1312 days since last safety OSHA recordable
- 3240 days since last DAWC

Incidents / Near Misses

- Diesel & hydraulic fluid release in dike area (forklift malfunction)
 - All within containment
 - Cleaned / removed prior to release
- Near miss – detached manway on railcar

Environmental

- Managed release of diesel/hydraulic fluid into dike containment

Maintenance & Operations

- Caustic tank work complete
- New piping expected to be installed to better manage site water release from sumps – scheduled for Nov 25th start
- BC Hydro planned 4hour outage Nov 22nd
- CN Rail on strike – no rail operations
- Planned Transport Canada Marine Security Audit in Q1 2020

People

- Succession plans in place for lab and maintenance personnel
- New longshore training scheduled for 2020

Other

- Donated to the North Vancouver Fire Fighter's Fund (part of the fall fishing derby – proceeds to Athletes for Kids and the Seymour Salmonid Society)

Current status / Schedule

- We are Hiring! Looking for a used oil collection truck driver (class 1 or 3)
- Facility is currently operating at 90% capacity
- Reminder that our facility operates 24/7/365
- Fall maintenance turnaround scheduled for the week of November 25
 - Plant shutting down Nov 24
 - Start-up expected Nov 30

Health, Safety and Environment

- Our facility continues to operate lost time injury free
- No first aid incidents to report since last meeting
- One minor incident occurred during the period:
 - November 14 - 3rd party tanker truck bumped a bollard while driving thru our facility. Trucking company contacted and incident reported. Working on corrective actions at this time.
- Facility Inspection conducted by Ministry of Environment and Climate Change Strategy on November 1. No infractions cited during the inspection. Two suggestions were made regarding signage and sludge drum labelling. Corrective action has been taken to address both issues.

Training and Audits

Training continues to be focused on our five core courses: WHMIS, TDG (Transport of Dangerous Goods), First Aid, Confined Space Awareness and H2S Alive.

Supervisors starting to do refresh on SEFSAM (Safety Essentials for Supervisors and Managers) training with Global Training in Alberta.