

**Chemtrade Logistics-ERCO Worldwide-Univar Solutions-GFL Environmental
North Shore Community Advisory Panel (CAP)
MEETING SUMMARY NOTES
Chemtrade Logistics, 100 Amherst Avenue, North Vancouver**

**Dinner 5:30pm / Meeting 6:00 pm to 8:00 pm
Thursday, September 22, 2022**

Attendance

Owen Horn, Chemtrade Logistics
Steve Spence, GFL Environmental
Robin Lee, Univar Solutions
Meraz Sekhon, Univar Solutions

Mark Maharaj, ERCO Worldwide

Joaquin Verdugo, ERCO Worldwide
Tina Atva, DNV
Babs Perowne, NV Can
John Miller, Lower Capilano Residents
Association
Alex Adams, Blueridge Community
Association
Stuart Porter-Hogan, Maplewood Area
Community Association (MACC)
Stuart Meyer, Miles Industries

Regrets

Brian Scott, ERCO Worldwide
Dave Mair, Resident
Lianne Payne, Wild Bird Trust
Nini Samra, Tsleil-Waututh Nation
John Hawkes, NSEM
Barbara Rennie, Blueridge Community
Association

1. Welcome and Introductions

Members introduced themselves and welcomed new attendees. The facilitator noted that Arielle Dalley has left DNV. She sent a message saying it had been a pleasure working with all the CAP members over the last several years and she learned so much about the Maplewood area and the companies and people who reside there. She was inspired to see people's enthusiasm continue through the pandemic.

2. CAP Terms of Reference and Guiding Principles

Members reviewed the CAP Terms of Reference and Guiding Principles, which have been updated to reflect the GFL Environmental name change. There was a suggestion to put a

specific number of members to reflect “sufficient” membership as mentioned in the Appendix in the Terms of Reference, but after discussion, the group decided against this.

There was a question about attendance by City of North Vancouver or West Vancouver representatives. It was clarified they don’t attend as this forum is focused on the Maplewood area.

There was a question about a parallel forum for other industrial districts. It was clarified that the North Vancouver CAP is unique because it has a national history based on Responsible Care. This history was covered in detail in a CAP meeting in September 2015. Please see the attached document for further details.

It was clarified that it is not a legislative requirement to have a CAP. The fact that care has been taken over the years in the North Vancouver CAP has resulted in participation on the CAP going down.

There was discussion around more community outreach now that the pandemic restrictions have lifted, such as distributing a brochure to businesses.

There was a question about having representation of the Fire Department at CAP meetings. It was clarified that they attended when relevant; for instance, they were part of the presentation on Emergency Response Planning during the last CAP year. Tina Atva from DNV said she could bring the request back to the Fire Department.

A CAP member pointed out that the City of North Vancouver has the hazmat team not the District, but the District’s team would still be deployed. There was a question about the findings of fire audits for the companies. Owen Horn from Chemtrade Logistics said although these audits are not publicly available, Quantitative Risk Assessment Information is publicly available. The most recent version of this can be found [here](#).

3. Review of June CAP meeting minutes

Members reviewed the June CAP meeting minutes. No edits to the original draft sent out after the meeting were noted. The facilitator will finalize the June meeting minutes and send to DNV to post on their CAP information webpage.

4. CAP Evaluation Review

The facilitator reported that nine responses were received in the online evaluation form.

A. Feedback on presentations as below:

- Emergency Response Planning by NSEM, DNV Fire and Rescue Services and the companies
- Metro Vancouver on their 2021 Clean Air Plan

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- Enhancing Cetacean Habitat and Observation (ECHO) Program Burrard Inlet Initiatives
-Tsleil-Waututh Nation Climate Change Resilience Planning and DNV Climate Action Work

- Presentations were mostly viewed as valuable.
- There was feedback on having the companies respond directly to the presentation topics and how it applies to them during the meeting if possible.

B. Ideas for topics for the coming year:

- Understanding industrial processes at ERCO and Chemtrade
- Discussion on risk assessments completed by Regulators and companies regarding their electro-chemical processes and products
- Regular review of regulatory oversight and monitoring reporting
- Review of risk mitigation strategies for effectiveness against risks
- Development plans for the North shore
- Port Authority: Long term plans for shoreline
- New developments scheduled for Maplewood area
- Specific job areas at the plants – this could be covered on the plant tours
- Provincial rep to speak on when the second narrows bridge will be replaced as it's working at capacity and affects the north shore economy.
- Review of hazardous materials being transported through our community
- Detailed update on development around chemical plants
- Status of possible sale of Erco, Chemtrade. Others?

C. Other feedback

-100% of respondents indicated they were fully satisfied with CAP meeting culture and 8/9 were fully satisfied with meeting organization, 1 was “sort of” satisfied. One respondent commented: “As a newcomer I feel welcomed and included.”

-6/9 were fully satisfied with the conversation with the companies and 3/9 were “sort of” satisfied.

4. NSEM Update

John Hawkes was unable to attend the meeting but provided the following update:

Staffing:

- Simon Als has been awarded the Acting Manager of Operational Readiness position. In his time as Planning Coordinator Simon demonstrated a strong aptitude

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for operations and has shored up this important role with the retirement of Mike Andrews.

Summer activity:

- The response to the Silverlynn Fire continued throughout the summer. A number of strategic planning conversations amongst response agencies and services providers are scheduled in the weeks to come to address some of the many gaps identified. Happy to report that all of the displaced residents have been placed in appropriate housing. Post event interviews with a representative sample of evacuees will be taking place over the next two weeks. Contributions will make their way back into interagency planning efforts.
- This summer was the first implementation of the revised Extreme Heat Strategy. Recreation and Library partners supported by NSEM, Fire etc were able to provide cooling spaces for the public. This new direction including the associated brochure, was well received by staff and public alike. Much more work to be done over the following months to enhance resilience across the North Shore in advance of another Heat Dome.

Since displaced residents have been placed in housing off the North Shore due to limited space, a CAP member asked what is NSEM's plan going forward if there is no space for displaced residents on the North Shore? The facilitator will forward this question to John so he can speak to this at the next CAP meeting.

5. Update on Recently Submitted Development Applications

Tina Atva reported that there are no new recently submitted development applications in the Maplewood area. She informed CAP members that there is a map on the DNV website where they can see significant development applications being considered. The names of planners at DNV are also provided and people can sign up to receive updates. There are currently 7 applications in different stages in Maplewood.

Tina also provided an overview of some of the projects in Lynn Creek Town Centre and some of the recent community planning projects and portfolio areas.

Tina asked CAP members what they would be interested in hearing about from the DNV at CAP meetings. The group confirmed that would like to continue to receive information on recently submitted development applications in Maplewood.

Owen Horn from Chemtrade said that risk assessment determines zoning close to the site, so it is low residential when high risk. Development must be in an area where the

risk has dropped to the baseline.

Robin Lee from Univar Solutions said that the Port of Vancouver has advocated for some years for the creation of an industrial land reserve to ensure that there is enough land for industry/business to support trade.

There was a question if developers are asked to provide information on the surrounding area including industry and the CAP. Tina responded that that she did not believe this was required.

A CAP member asked what's on the companies' agenda of interactions with DNV. Robin explained that Univar Solutions is on federal (Port) land even though they are in the boundaries of the district. Owen said that Chemtrade sits on 60 acres, 20 of which are on federal land and 40 of which are on district land, so they interact with both the Port and the DNV from a regulatory point of view.

6. Reports from the Companies

a) Chemtrade Logistics

Owen Horn said there were no new Safety, Environmental, Security or Transportation issues to report. There were also no new Process Safety incidents to report, which he clarified as protection against catastrophic release of hazardous materials, focusing on near misses. He said that Chemtrade is the winner of the Platinum Award by the Chlorine Institute as they have gone 4 years without any chlorine releases.

The first draft of Chemtrade's ERP has been developed, with the hope to complete it by the end of the year, after which they will communicate the findings to the public. The site had a Transport Canada audit on the rail line last week with no findings. The Port Authority audit of the security plan has been delayed until later in the year.

Annual stack testing of 16 permitted stacks was completed except for the East Acid Plant which will be done by end of September as it wasn't running at the time of the test.

The plant is running at full capacity with demand continuing to be very high, and in 8 days, the plant will reach a record production quarter. The Seaspan barge strike will shut the plant down if it is not resolved. They have already paid over a million dollars to guarantee a salt supply because of it. The rail strike in the US has also been impacting their logistics and could curtail them.

A CAP member asked about the land sale by Chemtrade. Owen explained that his knowledge about it is restricted. He shared that as the land is zoned differently, it was

restricted to one story when put on the market. With the market crash, there is no interest, and they are not close to signing. There have been discussions with the Port.

b) ERCO Worldwide

Mark Maharaj reported that ERCO employees and contractors continue to work safely. On September 22, 2022, NV employees have worked 808 days since the last Recordable safety incident (July 7/20) and 4279 days since the last Lost Time Accident (Jan. 05/11).

ERCO NV continues to ensure WorkSafe BC communicable disease guidelines are followed by all employees, contractors, and visitors. BC Safety Authority conducted a rail audit on September 20 and the plant was in full compliance. The site will have a fire inspection next week.

On September 15, a reportable environmental incident occurred when the Cell Cooling Tower overflowed due to a process upset. This was associated with a planned total power outage by BC Hydro. As the plant was shutting down, the Cell Cooling Tower overflowed and entered the storm sewer. The outfall temperature exceeded the effluent permit limit (by three degrees) for 23 minutes. Emergency Management BC was contacted. A spill report number was issued. The incident investigation is still on going.

A CAP member asked if the volume that went into the inlet is known. Mark responded that it is not and will be part of the investigation. There was a question as to whether the incident reports are public. Mark responded that he wasn't sure and would find out.

On Aug 16-17, 3rd party compliance testing of Lines 7 & 8 scrubbers and Environmental Vent Scrubber were completed as per permit. All results were well within permit limits.

The ERCO NV plant has run well since the June CAP meeting. Acid washes were completed on Line 7 July 13 and L-8 on August 31. The ERCO Responsible Care Committee completed its annual plant review and tour on September 14 and the plant was successful as a site.

As part of ERCO's sustainability program, they are looking to understand their stakeholders' sustainability priorities, and so are doing a 5-minute sustainability survey. This survey will further guide ERCO in developing their sustainability goals and initiatives for improvement, by taking the communities' sustainability concerns into consideration. The link to the survey can be found [here](#). Mark requested CAP members complete the survey **before Wednesday, September 28th**, noting that all responses will remain anonymous. The facilitator will send the link out to all CAP members after the meeting.

c) Univar Solutions

Robin Lee reported that there have been 495 days since the last personal safety recordable, and 4281 days since the last DAWC (as of end of day September 21, 2022).

There have been no reportable EHS incidents since the previous CAP meeting.

There have been 2 minor exposures. One was a worker's exposure to glycol due to an equipment fitting failure. The fitting has been replaced. The other was poor work practice with depressuring piping/instrumentation prior to maintenance. Hazard evaluation has been reviewed with the worker/site.

In terms of environmental incidents, there have been 2 minor spills, which were caustic and glycol drum overfills due to incorrect work practice. They both occurred in containment. There are now formal procedures in place to avoid this in future

There was a Near Miss with the overflow of an ethanol truck due to human error. It was caught appropriately by a system high level sensor.

There was also equipment damage to rail switch caused by human procedural error.

A security incident occurred with an unknown individual looking into cars in the site lot. The person rode away by bicycle prior to being approached.

New Longshore Operator training has started to be completed by mid-October. Meraz Sekhon joined Univar as the site's new Marine Technical Specialist (with EHS responsibilities) and was in attendance at this CAP meeting.

Univar will be distributing E2 Letters with Alertable information to site neighbours with a certain radius (those directly east of the site on Orwell Street, around 7 companies). They will share information on CAP at the same time. Robin explained this communication is necessary because they store denatured ethanol for distribution to facilities that blend it with gasoline. She said in the unlikely event of the worst-case scenario, the hose would come away and fluid spill out because the trenches were full, so neighbours would then smell gasoline.

As part of Univar Solutions' global sustainability initiatives, one of their largest facilities in Los Angeles recently took delivery of an electric semi-truck for moving packaged products from their distribution warehouses to customers. It was the second truck off the Nikola manufacturing line. A CAP member asked about the range of the truck and Robin responded it could do all the deliveries in a day without being recharged. There was a question about whether driver training was needed. Robin responded it is not; the driver just needs to be shown where and how to charge the vehicle. Another question was whether the charging can be done at the same station as for a car, which it can't be.

d) GFL Environmental

Steve Spence reported that the refinery is currently running at 85-90% capacity. Railcar movements have slowed down after the CN US labour issues. A semi-annual shutdown is scheduled for October 23-29.

The facility continues to operate within permitted approvals. It has operated lost time injury free since the last CAP report with no reportable incidents or accidents.

In August, one notable near-miss occurred that has resulted in strengthening of new worker site orientation and training: A new warehouse worker was cleaning around a piece of energized equipment that can move without notice. This equipment must be shut down and locked out before working in the immediate vicinity. Re-training for all warehouse personnel has occurred.

Justice Institute fire fighter training has been booked for 3 sessions in May-June. This is completed for all required operational personnel. On September 15, DNVFRS inspection was completed by Fire Inspector, Kha Nguyen. A satisfactory report with no actions required was received.

A CAP member asked whether the spur line for railcars has been installed. Steve responded that they are looking at taking ownership of the deserted area of the Chemtrade track. Another question was if GFL Environmental did separations or distillations onsite. Steve clarified the site handles used oil only, which means they remove the byproducts and produce base oil, which is the building block for all lubricants. Another question was whether the site had had fires in the past. Steve said there have been 2 fires in 35 years. In the past, the Fire Department has been outside the site at the time of the incident, which is why GFL personnel attend Fire Fighter training. There was a question about whether the yearly fire inspection is public. Steve will find out.

7. Brainstorm on Presentation Topics for the Upcoming Year

Due to time constraints, the group agreed that the facilitator will send out the list of potential topics as an e-survey, and the topic for the next meeting will be decided from there.

8. Meeting Close

The meeting ended at 8:25pm.

Members requested to have company tours again as was done for CAP members prior to the pandemic. We will plan for a 1-hour tour at Chemtrade before the next meeting in November.

The next meeting will be held in November 2022. Details will be communicated to CAP members beforehand.



Community Advisory Panel (CAP) September 22nd Briefing Notes

Responsible Care – Safety, Security, & Environmental

- No new safety issues to report
- First draft of new ERP developed and we hope to complete by the end of the year
- Transport Canada audit on rail line will happen this week
- Port Authority audit of security plan delayed until later in the year

Covid-19

- Mask requirements relaxed, still seeing the occasional case

Process Safety

- No new process safety incidents to report

Environmental

- No incidents or violations to report
- Annual stack testing was completed except for the East Acid Plant which will be done by end of September

Security

- No new security issues

Transportation

- No new transportation issues

Plant Operations

- Demand continues to be very high and the plant is running at full capacity
- The Seaspan barge strike will shut the plant down if it is not resolved. We have already paid over a million dollars to guarantee a salt supply because of it.

- Rail strike in the US has been impacting our logistics and could curtail us.



ERCO Worldwide

ERCO Worldwide Update - - (since last CAP meeting on June 13, 2022)

Safety

- ERCO employees and contractors continue to work safely. On September 22nd, 2022, NV employees have worked 808 days since last Recordable safety incident (July 7/20) & 4279 days since our last Lost Time Accident (Jan. 05/11).
- ERCO NV continues to ensure WorkSafe BC communicable disease guidelines are followed by all employees, contractors, and visitors.
- BC Safety Authority conducted a rail audit September 20th.

Environmental

- Unfortunately, on Sept 15th the Cell Cooling Tower overflowed due to a process upset. This was associated with a planned total power outage by BC Hydro. As the plant was shutting down the Cell Cooling Tower overflowed and entered the storm sewer. The outfall temperature exceeded the effluent permit limit for 23 minutes. Emergency Management BC was contacted. A spill report number was issued. This is a reportable environmental incident. The incident investigation is still on going.
- On Aug 16-17th, 3rd party compliance testing of Lines 7 & 8 scrubbers and EVS (Environmental Vent Scrubber) were completed as per permit. All results were well within permit limits.

Operations

- ERCO NV plant has run well since we last met on June 13th.
- Acid washes completed on Line 7 July 13th and L-8 on August 31st.
- The ERCO Responsible Care Committee completed its annual plant review and tour on September 14th.

Miscellaneous

- ERCO sustainability 5-minute survey. As part of ERCO's sustainability program, we are looking to understand our stakeholders' sustainability priorities. This survey will further guide ERCO in developing our sustainability goals and initiatives for improvement, by taking our communities sustainability concerns into consideration. Here is a copy of the link [ERCO's Community Sustainability Survey](#). If we could request everyone to complete the

survey **before Wednesday, September 28th**. The survey will take approximately 5 minutes to complete, and all responses will remain anonymous.

Brian Scott, P.Eng.

Plant Manager, North Vancouver



Univar Solutions report – September 22, 2022

Robin Lee reported that there have been 495 days since the last personal safety recordable, and 4281 days since the last DAWC (as of end of day Sept 21, 2022).

EHS

There have been no reportable EHS incidents since the previous CAP meeting

Safety

- There have been 2 minor exposures
 - Worker exposure to glycol
 - Equipment fitting failure
 - Fitting replaced
 - Poor work practice with depressuring piping/instrumentation prior to maintenance
 - Hazard evaluation reviewed with worker/site

Environmental

- There have been 2 minor spills
 - Caustic and glycol drum overfills
 - Incorrect work practice
 - Formal procedures in place to avoid in future
 - Both in containment
- Near Miss
 - ethanol truck overfill
 - caught appropriately by system high level sensor
 - human error

Equipment

- Damage to rail switch

- Human procedural error

Other

- Security incident with unknown individual looking into cars in site lot
 - Rode away (bicycle) prior to being approached

Operational

- Steady
- New Longshore Operator training started (completion by mid-Oct)
- Meraz Sekhon, the site's new Marine Technical Specialist (with EHS responsibilities) here this meeting

Community

- E2 Letters to neighbours with Alertable information
 - Will be sharing with site neighbours with a certain radius (those directly east of site on Orwell Street)

Also, as part of Univar Solutions' global sustainability initiatives, one of our largest facilities in Los Angeles recently took delivery of an electric semi-truck for moving packaged products from our distribution warehouses to customers. It was the 2nd truck off the Nikola manufacturing line.



Current Status / Schedule

- Refinery running at 90% capacity
 - Railcar logistics – slow down in movements after CN US labor issues
- Semi-annual shutdown scheduled for October 23 - 29

Health, Safety and Environment

- Facility continues to operate within permitted approvals
- Facility has operated lost time injury free since the last CAP report
- No reportable incidents or accidents since the last meeting
- 1 notable near-miss occurred in August that has resulted in strengthening of new worker site orientation and training: A new warehouse worker was cleaning around a piece of energized equipment that can move with out notice. This equipment must be shutdown and locked out before working in the immediate vicinity. Re-training for all warehouse personnel has occurred.

Training and Audits

- Justice Institute fire fighter training booked for 3 sessions May-June
 - Completed for all required operational personnel
- DNVFIRS inspection completed September 15 by Kha Nguyen – Fire Inspector
 - Satisfactory report received with no actions required