

**Chemtrade Logistics-ERCO Worldwide-Univar Solutions-Terrapure Environmental
North Shore Community Advisory Panel (CAP)
MEETING SUMMARY NOTES
Online via Zoom**

**Meeting 6:00 pm to 8:00 pm
Tuesday, February 16, 2021**

Attendance

Rob Schultz, Chemtrade Logistics
Joaquin Verdugo, ERCO Worldwide
Robin Lee, Univar Solutions
Steve Spence, Terrapure
Environmental
Mike Andrews, NSEM
Emily Dicken, NSEM
Lianne Payne, WBT
Alejandro Paredes-Borjas, WBT
John Miller, Lower Capilano Residents
Association
Babs Perowne, NV Can
Val Hammerberg, Maplewood Area
Community Association (MACC)
Stuart Meyer, Miles Industries
Dave Mair, Resident
Cathy Brydon, Resident

Regrets

Tom Miller, ERCO Worldwide
Bruce Crowe, Inter-River Association
Jocelyn Hewson, NSEM
Lisa Richardson, Resident
Arielle Dalley, DNV
Andrew Van Eden, Tsleil-Waututh

1. Welcome and Introductions

CAP members did a round of introductions, and welcomed Emily Dicken, the new Director of NSEM. The facilitator informed members that there would likely be a guest presentation at the next meeting by CN on safety procedures.

2. Review of December CAP meeting minutes

Members reviewed the December CAP meeting minutes. No additions to the original draft sent out to members after the meeting were received. Members were asked for

further additions. No further additions were requested. The facilitator will finalize the December meeting minutes and send to DNV to post on their CAP information webpage.

3. Reports from the Companies

a) Chemtrade Logistics

Rob Schultz reported that there has been one Recordable Injury and one lost time injury since the last CAP meeting:

- On December 25, while climbing from a rail car stirrup to access the platform of the rail car, the rail conductor experienced a dislocated knee cap and torn quadriceps muscle.
- On February 6, an employee working in the rail yard did not notice a “rut” created by a forklift in the rail yard ballast and stepped into it, jarring his back and neck.

The site has not had any positive cases of COVID-19, and has added additional personal hygiene measures and reduced access to further ensure the continuing health of employees, contractors and visitors. Self-assessments include an auditing process to make sure everyone has gone through this.

There have been no Security or Transportation incidents since the last CAP meeting.

The plant is operating at a reduced capacity due to COVID-19 induced market conditions. However, the market is beginning to improve, and higher operating rates are expected in 2021.

In response to a CAP member’s question, Rob confirmed that the Arctic Air Invasion or Polar Vortex had not affected the plant.

b) ERCO Worldwide

Joaquin Verdugo reported that ERCO Worldwide North Vancouver has operated at full capacity since the last CAP meeting, except for the 1 day scheduled shutdown of Line 7 in December and Line 8 in January, both for cell acidwash/maintenance.

The severe shortage of containers globally and slowdown in shipping due to port delays and fewer ships operating has caused issues in supply of ERCO’s product to Asian customers. With the influx of new containers currently being manufactured in China,

this issue is anticipated to be resolved in a few months.

Joaquin noted it has been 208 days since the last safety Recordable injury, and 2834 days (May 15/13) since the last environmental Reportable incident. Q4 outfall summary was sent to BC MoE as per permit PE-395, and all tested parameters were within permit limits.

For precautionary measures, ERCO had 21 employees, who may have come into close proximity with the employee who was noted to have tested positive for COVID at the last CAP meeting, test for COVID. All were negative. The plant has split the Maintenance team into two crews to increase physical distancing: one working Monday to Wednesday, and the other Wednesday to Friday. The teams are kept separate on the overlap day. This will allow the plant to maintain a Maintenance team if one crew does become infected with COVID.

In response to a CAP member's question about whether the Arctic Air Invasion or Polar Vortex had affected the plant, Joaquin noted that ERCO had to reduce its load by 10% over the weekend, as the price under their BC Hydro agreement had quadrupled. The hope is that the cost will decrease within the next few days as the vortex moves away. The plant has a daily visual on the rate change, and doesn't anticipate increasing the load until the end of the week.

c) Univar Solutions

Robin Lee reported that there have been 1768 days since the last safety recordable and 3696 days since the last DAWC (as of end of day February 15th).

Since the last CAP meeting, no personal safety or environmental reportables have occurred. Other near miss or incidents that are non-reportables occurred as follows:

- Environmental – glycol in secondary containment
 - Equipment failures at the rail rack and dock caused by frozen regulators and a ship's manifold valve resulted in glycol entering secondary containment. A review of troubleshooting protocol and spill procedures was conducted to try and avoid future issues.
 - In addition, a supplier sent railcars with different fittings such that glycol did not drain adequately from the offloading arms upon railcar completion. Although operators reacted quickly to adjust the arm disconnect, some additional training was needed for non-regular workforce operators to ensure glycol drained properly back into the railcar (versus into secondary

containment) upon completion. Univar is looking at additional training and working more closely with suppliers in order to ensure this same issue does not occur again.

- Personal Safety – There was a near miss with a surveyor stopped from climbing a railcar without fall protection. A review of training procedures and Pre-Task Analysis practices was conducted with the surveying company. A review of the incident will be provided to surveyors in the next Univar update training. The surveying company will also review the incident with all their Univar rated surveyors.

Sump piping replacement work has been completed. An onsite TG Audit was conducted since the last meeting. Regulations have changed such that vapour return hoses now need to be tested annually. Hoses located at the ethanol truck loading skid were last tested in 2019, but since the audit have been replaced and are now current and up to date. A newly installed rail switch was found unlocked, contrary to procedure, due to the lock mechanism having changed. The switch lock mechanism was adjusted to allow for locking once again to easily occur. Non-conformance was reviewed in tool box talks and safety meetings, and will be reviewed at the next Foremen's meeting.

COVID 19 challenges continue with outdoor meetings and tool box talks being held. Visitors to the site continue to be extremely limited. New required documentation regarding daily COVID health checks for all site personnel has been implemented. The site continues to minimize visitors and enforce masks, limit room capacities, and perform extra cleaning. Audits are either being done remotely, or as a combination of outdoor walkabouts and remote presentations and documentation review. Although a Univar rated longshoreman, who is not part of the regular workforce, did contract COVID, he had not been on site while contagious.

d) Terrapure Environmental

Steve Spence reported that the refinery is running at 100 capacity, with the semi-annual shutdown tentatively scheduled for June 7-18.

The facility has operated lost time injury free since the last CAP report, and continues to operate within permitted approvals.

Two minor incidents occurred since the last CAP meeting:

- On February 5, CN engine hooked onto the lanyard and damaged the fall protection device at one of the facility's base oil loading spots. It was repaired on February 12.

- On February 2, an operator was splashed in the face with an oil/air mixture while opening pressure relief valve on a tanker truck. The operator was wearing appropriate PPE and was not injured. This is an extremely rare incident, and an investigation is on-going to determine why there was oil in the pressure relief system.

Terrapure continues to operate following all Provincial and Federal COVID-19 guidelines regarding worker and public safety, and there have been no positive cases of COVID-19.

In response to a CAP member's question, Steve confirmed that the Arctic Air Invasion or Polar Vortex had not affected the plant, as Terrapure doesn't participate in curtailment.

4. NSEM Update

Mike Andrews reported that the alertable mass notification system is now in place. It is currently providing the same capabilities as the previous system. NSEM is assessing operational protocols for the system and planning a public outreach strategy across the North Shore on how to use the "alertable" app, which can be downloaded.

A CAP member asked if downloading the app was as simple as selecting your area, and Mike responded that it could be downloaded for all areas you choose. Another question was if this app alerted people to avalanches in the surrounding areas. Mike clarified that the current discussion was around who can trigger alerts and for what purpose. He said he would raise the issue in the discussion and update CAP members.

NSEM has placed the final two of six Disaster Supply Cache containers. Mike suggested a CAP field trip to the Parkgate DSC once the weather improves and COVID eases.

Emily Dicken, the new Director of NSEM, reported that NSEM is currently in the recruitment process for the Manager of Planning. The position is expected to be filled by the end of March. NSEM is working closely with Vancouver Coast Health to identify municipal locations to support vaccine rollout. NSEM is preparing for and participating in Exercise Coastal Response 2022, a large-scale seismic exercise. This will help enhance earthquake readiness and identify specific considerations for critical infrastructure and supply chain logistics.

5. Update on Recently Submitted Development Applications

Arielle Dalley confirmed after the CAP meeting that there are no updates related to major development applications in the Maplewood area since the last CAP meeting. However, an information report was submitted to Council on December 9, 2020 with an updated site plan for the Maplewood Fire and Rescue Centre and remediation work has started on the site. For more information, please see the Maplewood Fire and Rescue Centre project webpage [here](#).

6. Meeting Evaluation and Close

The meeting ended at 7:25pm. The next CAP meeting will be Tuesday, April 20, 2021.



Community Advisory Panel (CAP)

February 16, 2021 Briefing Notes

Responsible Care – Safety, Security, & Environmental:

➤ **Safety:**

- There has been one Recordable Injury and one lost time injury since the last CAP meeting.
 - On Dec 25, the rail conductor while climbing from a rail car stirrup to access the platform of the rail car experienced a dislocated knee cap and torn quadriceps muscle. The injury was a result of just climbing to the platform, not a contact related injury.
 - On February 6, an employee working in the rail yard stepped into a “rut” created by a forklift in the rail yard ballast and “jarred” his back and neck. The employee did not notice the rut while he was walking on the ballast.

➤ **Environmental:**

- There have been no new environmental incidents since the last CAP meeting.

➤ **Covid-19 Planning**

- Chemtrade North Vancouver has been designated an essential service and is continuing to operate but at reduced capacity.
 - No significant changes have been made to our Covid-19 planning.
 - Staff continue to work from home when possible.
 - We have not had any positive tests at our site
 - We have added additional personal hygiene measure and reduced access to further insure the continuing health of our employees, contractors and visitors.

➤ **Security:**

- There have been no Security incidents since the last CAP meeting.

➤ **Transportation:**

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

➤ **Plant Operations:**

- The plant is continuing to operate but at a reduced capacity due to market conditions brought on by COVID-19.
- We are starting to see improvements in the market and are expecting higher operating rates to be achieved in 2021 compared to 2020.



ERCO Worldwide Update

(since last summary to CAP on December 08, 2020)

Operations

- ERCO Worldwide North Vancouver has operated at full load since our last meeting with the exception of a 1-day scheduled Line 7 shutdown for acidwash/maintenance in December, and a 1-day shutdown for Line 8 in January for the same purpose.
- The main issue that the plant has results from the severe shortage of containers globally and delays in ocean shipping. We export the majority of our product to Asia, and with the lack of containers and slowdown in shipping due to port delays and less ships operating, this has caused issues in supply of our product to our Asian customers. We anticipate this to be resolved in a few months with influx of new containers currently being manufactured in China.

Safety/Environmental

- ERCO employees continue to work safely without any environmental issues – it has been 208 days since the last safety Recordable injury, and 2834 days (May 15/13) since the last environmental Reportable incident.
- Q4 outfall summary was sent to BC MoE as per permit PE-395. All tested parameters were within permit limits.

Miscellaneous

- **COVID-19 Update:** as indicated at last meeting, we had 1 Maintenance tradesman test positive for COVID. For precautionary measures, we had 21 employees, who may have come in close proximity to this employee, test for COVID – all were negative. The affected employee only had minor symptoms and returned to work within 2 weeks. To increase physical

distancing within Maintenance Dept – we have split our Maintenance team into 2 crews: one working Mon – Wed., and the other Wed – Fri, and keeping the teams separate on the overlap day. This will allow us to maintain a Maintenance team if one crew does become infected with COVID.

Please stay safe and see you at our next Zoom meeting.

Tom Miller - February 16, 2021



Univar Solutions report – February 15, 2021

Robin Lee reports that there have been 1768 days since the last safety recordable and 3696 days since the last DAWC (as of end of day Feb 15th).

Since the last CAP meeting, the following EHS incidents have occurred.

EHS

- No personal safety or environmental reportables
 - Other incidents (near miss or non-reportable)
- Environmental – glycol in secondary containment
 - Equipment failures at the rail rack and dock (frozen regulators & a ship's manifold valve) resulted in glycol entering secondary containment
 - Troubleshooting protocol & spill procedures reviewed to try and avoid future issues
 - Supplier sent railcars with different fittings such that glycol did not drain from the offloading arms upon railcar completion
 - Although operators reacted quickly to adjust the arm disconnect, some additional training was needed for non-regular workforce operators to ensure glycol drained properly back into the rail upon completion
- Personal Safety – near miss with surveyor stopped from climbing a railcar without fall protection
 - Review of training procedures and Pre-Task Analysis practices with surveying company
 - Update to surveyors in next Univar update training
 - Surveying company will review incident with all their Univar rated surveyors

Operations

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- Sump piping replacement completed
- Site operating at normal levels with a busy December (as is normally the case for year end shipments)
- TDG Audit (on site) conducted
 - Vapour return hoses now need to be tested annually (update to previous regs)
 - Newly installed rail switch found unlocked – contrary to procedure – due to the lock mechanism having changed
 - Switch lock mechanism adjusted to allow for locking once again to easily occur
 - Non-conformance reviewed in tool box talks, safety meetings, and will be reviewed at the next Foremen’s meeting
- COVID 19 continues to present challenges.
 - Continued outdoor meetings & tool box talks
 - Continue to limit on site personnel whenever possible
 - Site continues to minimize visitors and enforce masks, limits on room capacities, and perform extra cleaning
 - Audits are either being done remotely, or as a combination of outdoor walkabouts and remote presentations and documentation review
 - Although a Univar rated longshoreman (non-regular workforce) did contract COVID - he had not been on site while contagious

Overall Company

- Continues to manage COVID globally, and although some have returned to office, many people continue to work remotely

Hoping everyone is keeping well. Please don’t hesitate to contact Daniela if anyone has any questions.

Take care,

Robin Lee

Terminal Manager

Univar Solutions

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North Shore Community Advisory Panel (CAP)

Current status / Schedule

- Refinery running at 100% capacity
- Semi-annual shutdown tentatively scheduled for June 7-18

Health, Safety and Environment

- Facility continues to operate within permitted approvals
- Facility has operated lost time injury free since the last CAP report
- No positive cases of COVID-19 to report for facility staff, visitors or contractors. Terrapure continues to operate following all Provincial and Federal COVID-19 guidelines regarding worker and public safety.
- 2 minor incidents to report over the period:
 - February 5, CN engine damaged fall protection device at one of our base oil loading spots. Repaired February 12.
 - February 2, operator splashed in the face with an oil/air mixture while opening pressure relief valve on a tanker truck. The operator was wearing appropriate PPE and was not injured. Investigation is on-going to determine why there was oil in the pressure relief system.

Training and Audits

- No Audit activity for this period
- Training focused on courses, WHMIS, TDG (transport of dangerous goods), First Aid, Confined Space Awareness and H2S Alive