

**Chemtrade Logistics-ERCO Worldwide-Univar Solutions-Terrapure Environmental
North Shore Community Advisory Panel (CAP)
MEETING SUMMARY NOTES
Chemtrade Logistics, 100 Amherst Avenue, North Vancouver
5:00 pm Tour/6:00 pm Dinner/Meeting 6:30 pm to 8:00 pm
Tuesday, April 30, 2019**

Attendance

Rob Schultz, Chemtrade Logistics
Steve Spence, Terrapure Environmental
Robin Lee, Univar
Tom Miller, ERCO Worldwide
Helene Holt, ERCO Worldwide
Arielle Dalley, DNV

Andrew Van Eden, Tsleil-Waututh

John Miller, Lower Capilano Residents
Association
Babs Perowne, NV Can

Alex McNeil, Blueridge Community
Association

Val Hammerberg, Maplewood Area
Community Association (MACC)

Stuart Porter-Hogan, Maplewood Area
Community Association (MACC)

Sharon Porter, Resident

Lisa Richardson, Resident

Bruce Crowe, Inter River Community
Association

Regrets

Anastasia Ovodova , Port of Vancouver

Jocelyn Hewson, NSEM

Kevin Bell, Wild Bird Trust

Tracey Godin, Miles Industries

Dave Mair, Resident

Ashley Robertson, BC Ministry of
Environment and Climate Change Strategy

1. Introductions

CAP members introduced themselves and welcomed guests attending CAP for the first time.

2. Reports from the Companies

a) Chemtrade Logistics

Rob Schultz reported that there have been no Safety, Environmental, Security or Transportation incidents since the last CAP meeting.

Chemtrade made a financial donation to the Harvest Project, a local charity offering assistance with groceries, clothing, counseling and family support. The plant will also be supporting the Quake Cottage again this year for the City of North Van's Fun City/Slide the City event.

The plant is currently operating at capacity. A maintenance outage will be held May 5-8 to address a few minor items.

b) ERCO Worldwide

Tom Miller reported that the plant has had some disruptions to operations since the last CAP meeting. On February 20th, the failure of a city water supply pipeline caused the plant to be shut down until it was repaired. There was a line 7 cell module body leak, which resulted in the removal of the cell module with bypass until a new one could be sent to the plant.

Line 8 was shut down as scheduled for 16 hours on April 3rd for maintenance and acidwash. From April 24th to 26th, a 3-day plant outage for maintenance and capital installations was completed without a first aid or environmental near miss incident.

On April 30th, North Vancouver ERCO employees reached 1078 days worked since the last Recordable safety incident (May 17, 2016) and 3037 days since the last Lost Time Accident (January 5, 2011).

SAI Global conducted a quality audit of ERCO Worldwide North Van to ISO 9001:2015 standard. There were 0 Non-conformances but 4 Opportunities for Improvement to address.

ERCO is a co-sponsor of the Quake Cottage again this year, along with the other companies.

c) Univar Solutions

Robin Lee reported that as of April 14th, there have been 3 years since the last Safety reportable. There was a slip trip of an employee on a parking lot curb. The employee is okay, and the incident was reviewed in tool box and safety meetings.

The investigation of the high pH found in one of the storm sewer basins found that all operating procedures based on prior Water Discharge Permit PE5508 had been followed and the high pH water appeared to have entered the storm sewer from the piping header. Two possible causes of the high pH water were discovered: non-routine activity of railcar washing combined with D5A sump design and an abandoned caustic process pipe.

Corrective measures have been taken as follows: the abandoned process pipe that connected to the piping header has been removed completely; D5A sump will no longer be pumped directly to the piping header and into the storm sewer system, but instead pumped to Dike 12002 which is isolated with no incoming drains; Univar has engaged a third party environmental firm to assist in evaluating its overall water quality to validate that its discharges are meeting all regulatory requirements; Univar is reviewing all its practices to try and minimize the impact of its operations; Univar has updated Environment Canada, and will continue to update them on changes to site procedures / practices for their information.

Univar is starting maintenance projects (tank coating, cathodic protection) and still working on engineering to add additional rail track to manage repairs and changing rail service. 3 new longshore operators are currently being trained and another 4 will likely be trained in early fall.

Univar is a co-sponsor of the Quake Cottage again this year, along with the other companies. Univar will also again be co-sponsoring / participating in Elementary School visits as part of the NSWIA (North Shore Waterfront Industrial Association) group efforts.

d) Terrapure Environmental

Steve Spence reported that Terrapure is operating at full capacity. The semi-annual shutdown is scheduled for June 2-12. This shutdown is longer than usual to allow for equipment replacement.

The facility continues to operate lost time injury free, passing 6000 days on March 12th. The goals of the 2019 EH&S plan are: a minimum standard of engineered protection – focusing on stair and ladder wrungs and dock levelers; replacing hazcom phones for plant personnel for increased reliability and functionality; and starting work on the operations training manual.

Terrapure recently increased its complement of trained level II first aid attendants to 3. The facility is currently hiring a process operator and collection truck driver.

Terrapure is a co-sponsor of the Quake Cottage again this year, along with the other companies. In a study of greenhouse gases from 2010, Terrapure (Newalta at the time) was in the negative: 128,000 tons of carbon dioxide equivalent in comparison to other comparable industries.

3. CAP Outreach

A CAP member from Maplewood Area Community Association suggested that the upcoming Maplewood Days include CAP. This would be held on August 17th at Maplewood Farm, free to the public for the day. The suggestion was for a representative of each company to be there to answer questions, and include the CAP one pager as well as a Rapid Notify sign up list. CAP members agreed to the idea. An update will be given to members at the next CAP meeting.

Maplewood Community Association is working on its website and offered to host a second, stand-alone site for CAP. This would include the CAP one pager with links to the four companies, NSEM and Rapid Notify. The only non-static content proposed would be the CAP meeting minutes. It was suggested that the link to where the minutes are hosted on the DNV website could be inserted instead, removing the need to update the minutes on this site.

There was discussion of the possibility of NSEM giving out the Welcome Package or CAP one pager with their letter for new residents. This would be part of the marketing outreach for CAP beyond its digital presence. The CAP facilitator will speak with NSEM about this possibility.

There will be another Rapid Notify test before the next CAP meeting. CAP members who would like to be included were asked to send their cell number to the facilitator.

4. Summary of Recently Submitted Development Applications

As the new DNV representative for CAP, Arielle Dalley informed CAP members that there have been no recently submitted major development applications in the area. The new fire and rescue centre is still under review, and there will be a public information meeting on May 15th at Kenneth Gordon Maplewood School, time TBD.

A CAP member asked about public consult for a development permit application for a telecommunication tower just south of 2255 Dollarton Highway. Arielle will look into this and let CAP members know. Rob will also send the facilitator the package he received in this regard to send out to CAP members.

5. CAP Wrap Up

The facilitator confirmed that this year's CAP Wrap Up will be held the morning of June 18th at the Port of Vancouver. There would be a tour of the Operations Centre starting at around 10:15am, followed by the meeting and then lunch at around 12pm. She asked CAP members for specific questions they had that could be incorporated into the tour.

6. Meeting Evaluation and Close

The meeting ended at 8:25pm.



Community Advisory Panel (CAP)

April 30, 2019 Briefing Notes

Responsible Care – Safety, Security, & Environmental:

- Safety:
 - There have been no lost time injuries since the last CAP meeting.

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

- Security: There have been no Security incidents since the last CAP meeting.
- Transportation: There have been no Transportation incidents since the last CAP meeting.
- Responsible Care in our Community:
 - The plant made a financial donation to the Harvest Project. This is a local charity that supports the North Shore in a number of areas including grocery and clothing, counseling and family support.
 - We will once again be supporting the Quake Cottage for the City of North Van's Fun City / Slide the City event again this year.

Plant Operations:

- The plant is operating at capacity.
- We will be taking a short maintenance outage on May 5 – 8 to address a few items but no major work is planned.
- At the conclusion of the outage the plant will return to full capacity for the remainder of the summer.



ERCO Worldwide Update

(since last CAP meeting on February 19, 2019)

Operations

- Plant has had a couple operating upsets since our last meeting:
 - Failure of city water supply pipeline on Feb. 20th (rupture under road) caused plant to be shut down until repair
 - Line 7 cell module body leak – removal of cell module with bypass until new until sent to plant
- Schedule Line 8 shutdown (16 hours) on April 3rd for maintenance and acidwash.
- April 24-26th: 3-day plant outage for maintenance and capital installations was completed without a first aid or environmental near miss incident.

Safety/Environmental

- ERCO employees and contractors continue to work safely. On April 30th, NV employees have worked 1078 days since last Recordable safety incident (May 17/16) & 3037 days since our last Lost Time Accident (Jan. 05, 2011).

Miscellaneous

- SAI Global conducted a quality audit of ERCO Worldwide North Van to ISO 9001:2015 standard. There were 0 Non-conformances but 4 Opportunities for Improvement to address.
- ERCO is a co-sponsor with the other CAP companies, of the *Quake Cottage* again in 2019.

Tom Miller
April 30, 2019



Univar Canada update – April 30, 2019

EHS

Personal Safety

- 1109 days since last safety recordable (3years as of April 14th)
 - 3037 days since last DAWC
 - Slip trip of employee on parking lot curb
 - Worker ok
 - Reviewed in tool box & safety meetings

Environmental

- As per previous meeting minutes, high pH was found in one of the storm sewer catch basins
- Investigation followed and found the following
 - All operating procedures had been followed (procedures based on prior Water Discharge Permit PE5508)
 - Procedures did not change after Permit was eliminated (in 2009) and regular inspections by the Province ceased
 - High pH water appeared to have entered the storm sewer from the piping header

Two possible causes of the high pH water were discovered

- Non-routine activity of railcar washing combined with D5A sump design
 - the day prior to when high pH was found, 3 railcars were washed which is not a normal practice
 - It appears that high pH water can be trapped in the drain lines going into the sump, and can affect the pH as the last 2ft are pumped out of the sump
- An abandoned caustic process pipe

- Was separated from the piping header by way of valving and a spectacle blind
- Evidence suggests that caustic may have weeped through all isolating devices; this may have been a contributing factor, but not the main/root cause

Corrective Measures

- The abandoned process pipe that connected to the piping header has been removed completely
- D5A sump will no longer be pumped directly to the piping header and into the storm sewer system
- Instead, this sump will be pumped to Dike 12002 which has no incoming drains (is isolated)
- Univar has taken this opportunity to engage a 3rd party environmental firm to assist in evaluating its overall water quality to validate that its discharges are meeting all regulatory requirements
- Univar is reviewing all its practices to try and minimize the impact of its operations
 - Railcar washing practices, piping inspections, ongoing water testing & release practices
- Univar has updated Environment Canada, and will continue to update them on changes to site procedures / practices for their information

Maintenance & Operations

- Starting into maintenance projects (tank coating, cathodic protection)
- Still working on engineering to add additional rail track to manage repairs and changing rail service
- Currently training 3 new longshore operators, and will likely train another 4 in early fall

Other

- A lot of internal activity around the new company integration
- CTA recently completed an investigation into the railways' service, and has asked CN to provide more detailed plans for addressing congestion in the future
- Univar will once again co-sponsor the Quake Cottage, along with other CAP companies.
- Univar will also once again be co-sponsoring / participating in Elementary School visits as part of the NSWIA (North Shore Waterfront Industrial Association) group efforts.

Current status / Schedule

- Facility is currently operating at full capacity
- Reminder that our facility operates 24/7/365
- Semi-annual shutdown scheduled for June 2-12
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Health, Safety and Environment

- Our facility continues to operate lost time injury free, passed 6000 days on March 12
- 2019 EH&S plan performance:
 - Minimum standard of engineered protection – focusing on stair and ladder wrungs, dock levelers
 - Hazcom phones replaced for plant personnel – meet site classification, increased reliability and functionality
 - Start work on operations training manual this summer

Training and Audits

- No Audit activity over the spring period
- Recently increased our complement of trained level II first aid attendants to 3

Hiring

- Currently advertising for a process operator and a used oil collection truck driver