

**Canexus-ERCO Worldwide-UNIVAR-Terrapure Environmental  
North Shore Community Advisory Panel (CAP)  
MEETING SUMMARY NOTES  
Canexus, 100 Amherst Ave**

**5:00 pm Canexus Tour, Dinner & Meeting 6:00 pm to 8:00 pm  
Tuesday, April 19 2016**

**Attendance**

Rick Denton, Canexus  
Rob Schultz, Canexus  
Tony Gutenberg, Canexus  
Tom Miller, ERCO Worldwide  
Brian Scott, ERCO Worldwide  
Robin Lee, Univar  
Dan Cantafio, Terrapure Environmental  
Karen Rendek, District of North Vancouver  
Patricia Banning-Lover, Wild Bird Trust  
Dennis Gornall, Wild Bird Trust  
Dorit Mason, NSEM  
Cindy Jeromin, Port of Vancouver  
John Miller, Lower Capilano Residents  
Association  
Dave Mair, Resident  
Stuart Porter-Hogan, Maplewood  
Community Association  
Sharon Porter, Resident  
Val Hammerberg, Resident  
Michael Evison, North Shore Waterfront  
Liaison Committee  
Glen Webb, North Shore Waterfront Liaison  
Committee

**Regrets**

Chris Parent, Terrapure Environmental  
Katie Gaydon, Resident  
Lisa Richardson, Resident  
Fiona Dercole, District of North Vancouver  
Alex McNeil, Blueridge Community Assoc.

## **1. Introductions**

CAP members introduced themselves and welcomed new members. As Doug Allan from the District of North Vancouver has retired, Karen Rendek will be replacing him as the District representative for the foreseeable future.

CAP members who had participated in the Canexus tour provided feedback. Members seemed to find the experience informative. A few clarifying questions were asked. A request for CAP to give a statement in a community meeting around the densifying of Maplewood area was referred to a third party expert.

## **2. Review of February Meeting Notes**

Daniela noted that the discussion of the District of North Vancouver hosting CAP information more visibly was still in process as was the Welcome Package for new CAP members.

Daniela extended the invitation for CAP members interested in Port tours to email her to coordinate this.

## **3. Guest Speaker: Jay Porter, Senior Project Manager at the Ministry of Transportation and Infrastructure on the Mountain Highway Interchange project**

Jay explained that the project has 3 phases to be completed by Spring 2021.

The second phase of public consultation is planned for Fall 2016 to March 2018.

Dollarton Highway Interchange work will have impact on First Nations and the Ministry is consulting them in this regard.

Reasons for widening the Highway 1 bridge are the need to increase seismic, pedestrian and cycling facilities and capacity.

The Lower Lynn interchanges on the North Shore were designed and built many years ago and need to be upgraded/replaced. A traffic study showed the slowest speed is in the Lower Lynn area, so reducing traffic accidents will have a huge benefit to the area.

The Mountain Highway Interchange will improve traffic flow by diverting some of the traffic from the other two interchanges to provide people with more options to get on and off the highway. This will reduce commuters' travel times.

There are also environmental benefits as currently the damage from the highway spills into Keith Creek where the salmon spawn.

The changes will also lay the groundwork for future improvements for Highway 1.

Among the project's considerations are minimizing impacts to parkland and private property, protection of Keith Creek, Salop trail expansion and connections, and relocating and enhancing transit services.

Construction is scheduled to start in summer 2016 and last until spring 2018. The Ministry of Transportation and Infrastructure is currently developing a traffic management plan with the City of North Vancouver and the District of North Vancouver.

Public notification will include knocks on doors and letters of notification. Construction hours will be largely limited to noise bylaw restrictions.

Community feedback on the project to date has included attendance of 400 people at the open house held and 1,000 comments online. To submit a comment, email [lowerlynn@gov.bc.ca](mailto:lowerlynn@gov.bc.ca)

A second round of public consultation will be held after mid-May, and more details will be made available.

*Please see the attached presentation for more comprehensive details on the project.*

#### **4. Reports from the Companies:**

##### **a) Canexus**

Rick Denton reported that there have been no safety, environmental, security or transportation incidents since the last CAP meeting in February. Canexus is currently conducting a trial with their waste brine solids streams to see if they could potentially be recycled as feedstock for a local cement kiln operation rather than going to landfill.

Canexus is supporting the Quake Cottage with a \$750 donation along with ERCO Worldwide, Terrapure Environmental and Univar.

Canexus has hosted various community outreach tours, including one for troubled youth from Bakerview Centre interested in working in the industry. In April, the company also participated in a Port security exercise.

Canexus is planning a 10 day shutdown in October, rescheduled from April. The merger with ERCO Worldwide is still in process and information will be communicated to CAP members as soon as it is confirmed.

##### **b) ERCO Worldwide**

Tom Miller reported that employees have worked 1363 days without a Recordable injury to date. An environmental incident occurred today at the end of loading a barge containing sodium chlorate. While flushing the barge with water, a small amount of liquid went onto the lower deck and into the Burrard Inlet. This amount is well below reportable levels. An investigation will be held tomorrow, and CAP members will be informed of the root cause and follow up actions to be taken.

In March, ERCO NV completed the BC Hydro Curtailment trial with a total of 488 hours of reduction. The plant had a 1-day shutdown on Line 8 in early April for preventative maintenance and cell line acidwashing.

The 7<sup>th</sup> Responsible Care audit conducted for ERCO Worldwide on April 13<sup>th</sup>-14<sup>th</sup> was successfully completed. The audit showed no findings, 5 opportunities for improvement and 9 best practices. The report will be issued and shared with the public later in the year.

Tom confirmed that ERCO Worldwide would be sponsoring the Quake Cottage along with Canexus, Univar and Terrapure Environmental.

### **c) Univar**

Robin Lee noted that after 1928 days without a recordable for the Univar site, there had been a reportable safety incident at Univar. An electrician who is a Univar contractor received one stitch to the side of his nose. The incident occurred while removing a light fixture and may have been prevented if his face shield (not required PPE for the task) had still been in place or if the removal had been done with less force and more slowly.

Robin noted that Univar was continuing to improve efficiencies on the new glycol system and also training new longshore operators. The VOC project they will potentially undertake would result in increased Carbon Dioxide emission and this was being taken back to the Port for discussion.

Robin confirmed that Univar would be sponsoring the Quake Cottage along with Canexus, ERCO Worldwide and Terrapure Environmental. Harbour tours done for elementary school students through the North Shore Waterfront Industrial Association would be coming up and CAP members would be welcome to attend if space allows.

### **d) Terrapure Environmental**

Dan Cantafio noted that the Terrapure Environmental facility continues to be environmentally compliant. There had been complaints of an odour, but investigation concluded it was unlikely to be from the facility.

On March 13<sup>th</sup>, a fire occurred on a heater unit. The fire was immediately contained and extinguished by operators before the Fire Department arrived. This demonstrates the effectiveness of the company's fire fighting training program. Damage from the fire has resulted in a 10 day outage. The fire was caused by the failure of an equipment part and added layers of safety were included in repairs. The company is also inspecting similar units. Terrapure Environmental is now close to 5000 days with no reportable injury.

## **5. NSEM Update**

Dorit Mason reported that Emergency Preparedness Week was 1-7 May. The Quake Cottage or “Shake Zone” would be held on May 4<sup>th</sup> from 10am to 4pm at Dollarton Landing Centre. She invited CAP to host a table. There would also be one held in West Vancouver District on May 13<sup>th</sup> from 11am to 1pm at Ambleside in John Lawson Park, and at the night market from 5-10 in the City of North Vancouver. Thank you to the industry sponsors for making this possible.

She mentioned that members should sign up for rapid notify, and that NSEM was planning for wildfire season.

## **6. CAP Outreach**

Michael Evison and Glen Webb were present from the Waterfront Liaison Committee. The committee looks at complaints to Port Metro Vancouver, such as train whistles. Meetings are open to the public and interested people need to contact the Port in advance. Minutes are posted on the Port website.

Cindy Jeronim mentioned that as of April 6<sup>th</sup>, the Port has changed its name from Port Metro Vancouver to the Port of Vancouver.

Karen Rendek from the District of North Vancouver mentioned that the Maplewood Community Planning process would be starting shortly and continuing until December.

## **7. Meeting Evaluation and Close**

The meeting ended at 8:15pm. A brief evaluation seemed to indicate that most people were happy with the meeting.

The next CAP meeting is scheduled for June 21<sup>st</sup> at the Holiday Inn.

## Community Advisory Panel (CAP)

April 19, 2016 Briefing Notes

### **Responsible Care – Safety, Security, & Environmental:**

#### ➤ Safety & Environmental:

- There have been no Safety incidents to Employees or Contractors since the last CAP meeting in February.
- There have been no Environmental reportable incidents since the last meeting either.
- The company is still in the process of conducting trials with our waste brine solids streams. The brine solids are a mainly combination of calcium, magnesium and wood fiber that are being tested for suitability as a feedstock into a cement kiln operation in the Vancouver region. If successful, and subject to possible plant improvements to be installed, this could potentially recycle a current waste stream going to landfill back into a useful application. We will keep the CAP group posted on the outcomes of this trial.
- Canexus, along with the other sponsoring companies of the CAP, is making a \$750 donation to NSEM to enable the Quake cottage to be brought to our community.

#### ➤ Security & Transportation:

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

#### ➤ Responsible Care in our Community:

- The plant recently hosted a tour by a group of five from the Bakerview Center for Learning in Abbotsford. Attendees are troubled youth who are enrolled in positive programs which in this case was focused on exposure to industrial trades.
- A separate tour was hosted for 27 attendees from the Squamish First Nations High School where they are focused on alternative schooling and in this case specifically pipe fitting.
- We further hosted a multi-week program in which a High School Student from Port Moody enrolled in a Science focused program was able to job shadow several of the scientific, maintenance and engineering professionals to develop a better understanding of future career opportunities.
- In April, Canexus participated in a Port Security exercise that included over 100 participants and simulated a wide ranging security threat across the local area.
- Our Chlorep Emergency Response team along with the Railway Association of Canada and CN Rail conducted training for the Delta Fire Department on railcar anatomy and chlorine capping kits as part of regular training to assist local responders in preparing to deal with any possible emergencies in their area.

**Plant Operations:**

- The plant has been operating at reduced rates since the start of the year due mainly to weak markets in the chlor-alkali industry in North America. We anticipate increased operating rates through the peak summer chlorine demand period as water treatment volumes historically rise.
- The plant originally planned a maintenance shutdown in April, but that is now scheduled for mid-October for an approximately 10 day period of time.

**Canexus Update:**

- As previously communicated, Canexus and Superior Plus (the parent company of ERCO) are in the process of regulatory approvals towards a combination of the chemical business assets. The approval process is on-going and still expected to conclude by the end of June.
- We will communicate with the CAP committee the outcome of the proposed transaction immediately upon completion.
- In the meantime, we are maintaining a business as usual focus in our operation.



# ERCO Worldwide

## ERCO Worldwide Update

(since last report on February 16, 2016)

**Safety/Environmental** NV site continues to work safely; as of today, employees have worked 1363 days without a Recordable injury (last on 07/26/12).

- Unfortunately, ERCO NV had an environmental incident during the sodium chlorate barge loading this afternoon. Initial report indicates that at the end of the loading, the barge line was flushed with water, and the Seaspan loader was at top hatch taking final measurements, when small volume of liquid `burped` out of open hatch onto deck. Some of this material dropped onto lower deck and into Burrard Inlet. It is estimated 1-2 litre was lost. This amount is far below required reportable levels to the BC MOE. The operators recovered the small amount of chlorate which had crystallized on the deck. Investigation into the incident will occur tomorrow, and I will update you on the root cause and assigned actions at next meeting.

- Received 3<sup>rd</sup> party compliance testing of our particulate scrubbers which was performed on Feb. 1-2<sup>nd</sup>. All results were well within permit limits.

## Operations

- In March, ERCO NV completed the BC Hydro Curtailment trial. At BC Hydro's request, NV site provided 22 MW power usage with a 1-day notice, for a total of 488 hours of reduction. This allowed BC Hydro to provide needed electricity to lower mainland in periods of high usage – i.e. cold weather. BC Hydro will evaluate trial data to determine if there is value in developing this trial into a permanent program.

Other than curtailments, ERCO NV plant had a 1-day shutdown on Line 8 in early April for preventative maintenance and cell line acidwashing.

## Responsible Care

- On April 13-14<sup>th</sup>, ERCO Worldwide successfully completed its 7<sup>th</sup> Responsible Care verification in Canada. Verifications occur every 3 years, and are performed by an audit team with industry experts and public advocate verifiers. A community representative also takes part in the process. Auditors visited our Buckingham, Que. plant & head office in Toronto. The verifiers found 0 findings, 5 opportunities for improvement, and 9 best practices. An audit report will be made available to the public later this year.

## Projects

- No major projects currently underway

## Community

- ERCO is pleased to join with other sponsor companies in financially sponsoring North Shore Emergency Management in bringing the *Shake Zone* to District NV on May 4<sup>th</sup>.



## CAP Meeting Company Report - April 19, 2016

### Current Status:

- Facility is currently operating at full capacity
- Demand for our products remains steady
- Supply of used oil remains constant
- Facility continues to be an environmentally compliant operation
  - Received one odor complaint – description of odor was vague and thorough investigation concluded that the source very unlikely was not generated by this facility
  - Terrapure is fully aware and respectful of the ever-growing development around facility

### March 13<sup>th</sup> FIRE:

- Early on the morning of March 13<sup>th</sup> we encountered a fire on one of our heater units
- The fire was immediately contained and extinguished by our operators
- As per protocol the NVFD was also immediately called, however fire was out prior to their quick response
- Damage incurred by fire forced a 10 day plant-wide stoppage
- Material failure was determined to be the root cause
- Process, SOP's, Equipment & Human related factors ruled out
- As an added precaution *engineered added layers of safety* were included to repairs
- This type of unit is inspected on a regular basis. Follow-up investigation has provided additional preventative measures to further reduce the unlikelihood of a similar reoccurrence

### The Good News:

- No injuries were incurred during the fire and the following unscheduled repairs
- Excellent response to March 13<sup>th</sup> fire emphasizes operator firefighting training program is effective
- The North Vancouver Facility received very positive feedback from members of NVFD
- The North Vancouver Facility is only days away from approaching 5000 days without an LTI



## **Univar Canada update – April 2016**

### **Safety/Environmental**

- Medical treatment – electrician April 14<sup>th</sup> after 1928 days without a recordable for site (Univar/embedded contractors/longshore operators)
  - During removal of light fixture to upgrade to more energy efficient LEDs he was struck with the piping conduit as he was removing it
  - Although not directly in “line of fire”, removing the pipe more slowly may have helped to ensure it didn’t snap back. In addition, a face shield would have also prevented the injury from occurring
- No other issues

### **Operations**

- Continuing to improve efficiencies on new glycol system
- Training new longshore operators
- Steady volumes overall

### **Projects**

- Looking at projects for 2016 including major tank insulation/coating repairs, internal tank inspections, track & dock repairs and a possible VOC reduction project

### **Responsible Care**

- Working with BC Pilotage Authority on possible CAP presentation

### **Community**

- Quake Cottage Sponsorship