

**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, December 8, 2020**

**Attendance**

Rob Schultz, Chemtrade Logistics  
Tom Miller, ERCO Worldwide  
Robin Lee, Univar Solutions  
Steve Spence, Terrapure  
Environmental  
Mike Andrews, NSEM  
Arielle Dalley, DNV  
Andrew Van Eden, Tseil-Waututh  
John Miller, Lower Capilano Residents  
Association  
Babs Perowne, NV Can  
Val Hammerberg, Maplewood Area  
Community Association (MACC)  
Stuart Porter-Hogan, Maplewood Area  
Community Association (MACC)  
Alex McNeil, Blueridge Community  
Association  
Michelle Leroux, Blueridge Community  
Association  
Stuart Meyer, Miles Industries  
Sharon Porter, Resident  
Dave Mair, Resident  
Carleen Thomas, Tseil-Waututh  
Lindsey Ogston, Tseil-Waututh  
Amanda King, Tseil-Waututh

**Regrets**

Lisa Richardson, Resident  
Bruce Crowe, Inter-River Association  
Jocelyn Hewson, NSEM

## **1. Welcome and Introductions**

Elder Carleen Thomas from the Tsleil-Waututh Nation offered a Welcome for the meeting. Members introduced themselves and shared plans for the upcoming holiday season.

## **2. Review of October CAP meeting minutes**

Members reviewed the October 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 October meeting minutes and send to DNV to post on their CAP information webpage.

## **3. Burrard Inlet Working Group Presentation**

The presentation was delivered by Elder Carleen Thomas, Tsleil-Waututh Nation member and Special Projects Manager and Lindsey Ogston, Environmental Stewardship Programs Manager, both from Tsleil-Waututh Nation's Treaty, Lands, and Resources Department.

Carleen and Lindsey explained that the lack of flushing in the Inlet led to a concern over water quality.

The fact that the Inlet has been closed to shellfish harvesting since 1972 has had a big impact on the ecosystem and food sustainability. Carleen explained that the Tsleil-Waututh Nation has been working hard to harvest from their inlet.

Non-point sources of pollution go down into the Inlet and there have been contamination issues over the years. Another challenge has been a lack of coordinated monitoring.

Current stewardship from a Tsleil-Waututh Nation perspective aims at creating a productive, diverse and resilient ecosystem where:

- Healthy, wild marine foods can be harvested
- Water and sediment is safe and clean
- Important habitats are plentiful, productive and connected
- Biodiversity and key species can persist

The recovery goal is that the Tsleil-Waututh Nation gets 10% of protein from marine species in the Inlet (up from 1-2% currently, and compared to 90% before contact).

The Burrard Inlet Action Plan was developed as a science-based, First Nations led initiative to improve the health of the Burrard Inlet ecosystem.

The purpose of the plan is:

- Summarize scientific knowledge about Burrard Inlet
- Identify priority issues related to environmental degradation
- Identify important environmental knowledge gaps
- Foster development of a shared vision for environmental stewardship
- Identify near-term actions to improve the health and integrity of the inlet

Detailed information on the plan is available [here](#).

A Water Quality Roundtable and Technical Working Group has been developed, which is looking at activities people want to do in the Inlet and setting parameters based on this. Carleen emphasized the importance of relationships and working together to find a way to co-exist, and that we all have the responsibility of stewardship and the Tsleil-Waututh Nation is ready to lead in this area.

The Tsleil-Waututh Nation has conducted cumulative effects monitoring, which looks at effects over time. This involves establishing pre-contact baseline conditions and compiling existing data using both cultural and ecological value components, which are then combined into an EcoPath data model. Interviews with the Tsleil-Waututh Nation were conducted by Tsleil-Waututh Nation youth, who serve as cultural brokers, translating Tsleil-Waututh Nation teachings to government, etc.

On the ground data collection is publicly available on [Ocean Networks Canada](#) website.

The Tsleil-Waututh Nation does a shellfish harvest where field crews collect water samples at 12 locations in Indian Arm. In 2017, a clam harvest was permitted for the first time since 1972. There have been four more harvests since. A high priority for the Tsleil-Waututh Nation is to expand the harvest location, species and frequency.

**Questions from CAP members:**

**-Could you talk more about the baseline established and what the future of the Inlet looks like?**

The baseline establishes the history and the Tsleil-Waututh Nation connection to the

Inlet, it uses the science of the colonizers to prove the Tseil-Waututh Nation's oral history. It fits data together to create the big picture.

Data collected goes into the EcoPath model, which has a long history of use to model ecosystems. This is used to make better predictions and develop better management perspectives.

To move forward in a good way, we need to understand the past. More thought needs to go into the management objectives on the Inlet and potential impacts.

**-What are other priority activities for the Inlet?**

Shellfish harvest become more stringent, as well as being able to use the Inlet for recreation activities such as swimming, canoeing, stand up paddleboarding, dragon boating. Having the Inlet safe to use will be beneficial for everyone. There are also specific cultural activities of the Tseil-Waututh Nation that are associated with the Inlet.

**-What are some things we can do to help take care of the Inlet?**

- Sharing with people that something that goes down a storm drain goes into the Inlet, and encouraging them to take their oil elsewhere.
- Letting federal and provincial agencies know that pollution is a concern; for example, from copper brake pads. We could adapt the Seattle policy for use in Canada.
- Self-reflection – Finding out more on your own, who you can approach, being aware of regulatory regimes and knowing whose job it is to regulate ship pollution and its impact on the Inlet; being advocates for supporting the protection of the Inlet; looking at where you draw the line and what your responsibility is.
- Resisting the normalization of the Inlet not being safe.

**-Has the rise of sea levels been incorporated into the plans, and if so, how?**

The Tseil-Waututh Nation is working on a Climate Change Resiliency Project. There is some data on the ecosystem and infrastructure from a previous climate summit.

**-What is the biggest impact policy has had from the 90s to now? Are there specific initiatives you think will have a big impact? What is an area to focus on for lobbying?**

- The Climate Change file is an important component. Sarah Dal Santo manages this and would have more information on that. She could possibly present to the CAP if there is interest.
- A key part of the work is breaking down the silos between people and looking at this work as investment. The Tsleil-Waututh Nation looks at cycles of 7 generations rather than the 5 year plans of government.
- Having the sewage treatment plant be tertiary rather than secondary. The Seymour Salmonid Society has done substantive work around this. The idea is to have the deintegration of the storm water outflows and separate the sewage completely. This needs to be included in the budget from the beginning. Planning needs to be done for more greenwater initiatives.
- The various components work together to create the sustainable change needed.

CAP members can contact Amanda King for any further information at [aking@twnation.ca](mailto:aking@twnation.ca) or 604-353-0942.

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

##### **a) Chemtrade Logistics**

Rob Schultz reported that there have been two new safety incidents since the last CAP meeting:

- During the shutdown, a contractor received a cut to his knuckle when it came into contact with a rotating cutting disc on a hand grinder. He received three stitches and returned to work under modified duties. After ERCO reported a similar incident at their site in October, Chemtrade removed all grinders from service that did not brake once the trigger was released. They were in discussions with the contractors to implement the same standard for shutdown when the incident occurred.
- An operator was exposed to chlorine when an air valve used to purge chlorine from the loading lines developed a leak on the packing of the valve while in use. The valve was changed out and the operator has returned to work with no restrictions.

One environmental reportable incident occurred during the October maintenance turnaround, when a contracting company was brought in to manage effluent discharge while work was done on the effluent diversion tank and piping system. On concluding the work, the contractor failed to remove a submersible pump from the effluent pipe. When

seawater flow was being reestablished, the pump got trapped in the gate preventing full closure of the gate and allowed a volume of water at a pH level above permit limits to be released. The release was intermittent over a 45 min period of time before the issue was corrected by pulling the pump out.

Further COVID-19 measures have recently been implemented at the site including people coming on site being temperature screened and asserting they are symptom free; the purchase of three medical grade air purifiers to be placed in high congestion areas; limiting the number of employees allowed in the change room at one time to limit any potential exposure when masks may be removed; and mandatory mask wearing at all times unless alone in an office. An enhanced COVID-19 safety plan was implemented as part of the shutdown that involved 400 contractors on site over 2 weeks. The site has not had any positive cases of COVID-19.

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

In early November, the planned Maintenance shutdown was completed, which included a number of major capital jobs along with over 400 corrective work orders. More unexpected maintenance work was found than was anticipated, which resulted in a startup delay of around 8 days.

The market remains poor for all products, and pricing has also been reduced to near 10 year lows.

Chemtrade is continuing discussions with NSEM on switching over from Rapid Notify (Rave) to PEASI, which was discussed as part of the presentation given by Mike Andrews during the October CAP meeting. Chemtrade's contract with Rave expires in May of 2021 and they will be looking to make a decision on which platform to move forward with prior to the end of the contract. At this moment, it looks like Chemtrade will be going forward with PEASI in the new year.

A CAP member asked if the switchover from Rapid Notify to PEASI would be for everyone or if it would be up to the individual company to decide. Rob clarified that only Chemtrade was using this system out of the companies, along with North Vancouver Fire and Rescue and the RCMP. In response to the question of whether PEASI would be the industry standard, Mike Andrews from NSEM explained that it was used by the provinces of Saskatchewan and Alberta and the North West Territories, and so is becoming the standard. He explained that the system will maintain the same capabilities as Rapid Notify and will transition into advanced features in the new year. He reiterated the advantage of the data storage being based in Canada. He clarified that PEASI is cheaper than Rapid Notify, and acknowledged that Chemtrade having funded the Rapid Notify system for 15 years across the three municipalities was a tremendous community

service. He mentioned that the Tseil-Waututh Nation was also looking for a crisis notification platform and he would be doing follow up on this.

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

Tom Miller reported that ERCO Worldwide North Vancouver has operated at full capacity since the restart from the planned 3-day plant shutdown on September 21-23<sup>rd</sup>, except for the 1 day scheduled shutdown of Line 8 on November 10<sup>th</sup> for cell acidwashing and maintenance.

He mentioned that the majority of the site's sales are exports to Asia, and in the past two months, the site has seen an increase in volume, close to pre COVID-19 levels.

Tom noted it has been 154 days since the last safety Recordable injury, and 2764 days (May 15/13) since the last environmental Reportable incident. The site had an internal environmental audit on November 25-26, involving an audit of the facility by environmental engineers and managers from head office and other facilities. The closeout meeting will be held later this week, with the report expected next week.

ERCO continues to be diligent in COVID-19 safety protocols, but had one employee test positive for COVID late last week. The facility has had employees who work in the same department receive testing and self-isolate until notified that they can return to work. The site has policy for wearing masks anywhere on site where 2-meter physical distancing is not possible. Since the incident, site safety protocols have been renewed and disinfectant schedule of common areas has been updated.

#### **c) Univar Solutions**

Robin Lee reported that there have been 1698 days since the last safety recordable and 3626 days since the last DAWC (as of end of day December 7<sup>th</sup>).

Since the last CAP meeting, no personal safety or environmental reportables have occurred. Two other incidents occurred as follows:

- Operational incident, where a glove was sucked into a railcar due to high vacuum. Operators were reminded of the need to open valves very slowly to ensure no overpressure / severe vacuum. The glove was retrieved.
- Caustic truck quality incident, where product was loaded on top of a large heel of water. There was miscommunication in that paperwork showed caustic residue, when it was only water.

Robin noted that major track repair work has been completed, and that the site is operating at normal levels with a busy December expected as usual for year end shipments.

The site is focused on preparing for 2021 projects with improving the dock/dolphin structure, constructing an additional storage track and executing an internal tank inspection (as part of normal regulatory requirements).

COVID 19 continues to present challenges. The site is continuing to hold outdoor meetings and tool box talks; however, it is difficult to include all site personnel in meetings since no single space is large enough. Masks are required inside and there are continued limits on site personnel whenever possible. The site continues to minimize visitors and enforce masks, limits on room capacities, and perform extra cleaning

Site personnel are again raising money for the local Food Bank. Univar Solutions has announced plans to restructure its Agriculture Business. Details can be found on the website.

#### **d) Terrapure Environmental**

Steve Spence reported that the front end of the plant was shut down this week for planned semi-annual maintenance work, while the back-end continued to operate at full capacity.

The annual emission testing for Metro Vancouver permit applications was successfully completed on December 1<sup>st</sup>.

The facility has continued to operate lost time injury free since the last CAP report, and has no positive cases of COVID-19 to report for staff, visitors or contractors.

Plans to send a group of operators to the Justice Institute's fire training has been delayed to Spring 2021 because of COVID.

Steve reminded CAP members that used oil could be taken to the recycling depot, and the closest location could be found at the BC Used Oil [website](#).



## 5. NSEM Update

Mike Andrews from NSEM reported the following:

- NSEM's new Director, Emily Dicken starts Jan 11<sup>th</sup>. Emily joins NSEM from the First Nations Health Authority as the Director of Emergency Management. Prior to this she served with Emergency Management BC in various roles, including: Director, Indigenous Relations and Partnership Engagement; Fire and Emergency Management Public Education Coordinator, and Manager, Catastrophic Planning and Seismic Programming. Emily shares that she is excited for the opportunity to work with NSEM and to foster collaborative regional engagement.
- Planning Officer John Chapman has left for a position as a Community Planner in Whistler. His position will be posted in 2021.
- NSEM is working with Chemtrade to transition the Rapid Notify mass notification system to Peasi's Alertable. Peasi is used in Alberta, Saskatchewan & NWT; it is also the platform that was used for recent provincial tests in BC. The plan is to maintain current capabilities of telephone notification and to evolve and rollout additional features of Alertable in 2021 and as the province comes on board over the next couple of years.
- NSEM has completed the rollout and stocking of 6 'Disaster Supply Caches' across the North Shore. These 20' shipping containers are stocked with response and evacuee support supplies and are located near Parkgate, Lynn Valley, Lower Lonsdale, Norgate, Ambleside and Gleneagles. The completion of this initiative is a major milestone in NSEM's efforts to build disaster resiliency across the North Shore.

## 6. Update on Recently Submitted Development Applications

Arielle Dalley from DNV reported on recently submitted development applications.

Since the last in-person meeting of the CAP, several development applications have been received or have had their status changed for the Maplewood area:

- [328 & 332 Seymour River Place](#)
  - o Integra Architecture has submitted a preliminary application proposing a six-storey building with 51 market rental apartments and 4 non-market rental apartments.

- o The proposal includes parking at ground level and in an underground parkade for 47 vehicles and 67 bicycles.

- **311 Riverside Drive**

- o Darwin Properties has submitted a preliminary application for 256 market rental apartments (133 intended for seniors), 84 owned townhomes, and 5,283 sq ft of childcare space in two six-storey buildings.

- o The proposal includes 333 parking stalls (35 for visitors) and storage for 462 bikes.

- o An early input opportunity was open online from October 14 to 28, 2020.

- **2045-2075 Old Dollarton Road**

- o A preliminary application was received in 2019 from TRC Construction Managers. Staff have completed their review. Should the applicant wish to proceed, the next step is to submit a detailed application.

Development applications in the District of North Vancouver have a two-step process: a preliminary application and a detailed application. Proposals at the preliminary stage may evolve based on feedback the applicant receives. More information about these proposals can be found on the District's website on the [Map of Significant Development Applications](#) page.

On November 23, 2020, the District of North Vancouver Council approved the [North Shore Sea Level Rise Strategy](#), which was developed in partnership with the City of North Vancouver, District of West Vancouver, Port of Vancouver, Squamish Nation, and North Shore Emergency Management.

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

The meeting ended at 8:15pm. The next CAP meeting will be Tuesday, February 16, 2021.



## Community Advisory Panel (CAP) December 8, 2020 Briefing Notes

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

#### ➤ Safety:

- There have been two new safety incidents since the last CAP meeting.
  - A contractor received a cut to his knuckle during the shutdown when it came into contact with a rotating cutting disc on a hand grinder. The contractor had just put the grinder down and reached for his work piece and brushed up against the cutting wheel causing a cut through his gloves. He received three stitches and returned to work under modified duties. After Erco reported a similar incident at their site in October, Chemtrade removed all grinders from service that did not brake once the trigger was released. We were in discussions with the contractors to implement the same standard for shutdown when the incident occurred.
  - An operator was exposed to chlorine when an air valve used to purge chlorine from the loading lines developed a leak on the packing of the valve while in use. The valve was changed out and the operator has returned to work with no restrictions.

#### ➤ Environmental:

- There has been one environmental reportable incident since the last CAP meeting.
  - During the October maintenance turnaround, a contracting company was brought in to manage effluent discharge while work was being performed on our effluent diversion tank and piping system. At the conclusion of the work, the contractor failed to remove a submersible pump from the effluent pipe. When seawater flow was being reestablished, the pump got trapped in the gate preventing full closure of the gate and allowed a volume of water at a pH level above our permit limits to be released. The release was intermittent over a 45 min period of time before the issue was corrected.

#### ➤ Covid-19 Planning

- Chemtrade North Vancouver has been designated an essential service and continues to operate but at reduced capacity due to market conditions.



➤ **Rapid Notify:**

- We are continuing our discussions with NSEM regarding switching over from Rapid Notify (Rave) to PEASI, which was discussed as part of the presentation given by Mike Andrews during the October CAP meeting. We have a contract with Rave that expires in May of 2021 and will be looking to make a decision on which platform to move forward with prior to the end of the contract.

**ERCO Worldwide Update** (since last summary to CAP on October 06, 2020)

**Operations**

- ERCO Worldwide North Vancouver has operated at full load since our restart from our planned 3-day plant shutdown on Sept 21-23<sup>rd</sup>, which was reported at our last CAP meeting. The exception was the 1 day scheduled shutdown of Line 8 on Nov. 10<sup>th</sup> for cell acidwashing and maintenance.
- The majority of the site's sales are exports to Asia, and in the past two months we have seen an increase in volume – close to pre COVID-19 levels.

**Safety/Environmental**

- It has been 154 days since the last safety Recordable injury, and 2764 days (May 15/13) since the last environmental Reportable incident.
- On Nov. 25-26<sup>th</sup>, our site an internal environmental audit – where environmental engineers and managers from head office and other facilities audit our facility. The closeout meeting will be held later this week.

**Miscellaneous**

- We continue to be diligent in our COVID-19 safety protocols, but late last week we had one employee test positive for COVID. We have had our employees who work in the same department receive testing and self-isolate until notified that they can return to work. Our site has policy for wearing masks anywhere on site where 2-meter physical distancing is not possible. Since the incident we have reviewed our site safety protocols and updated our disinfectant schedule of common areas.

Please stay safe in the Holiday period and see you at our next Zoom meeting.

Tom Miller - December 8, 2020

## **Univar report – December 7, 2020**

Robin Lee reports that there have been 1698 days since the last safety recordable and 3626 days since the last DAWC (as of end of day Dec 7<sup>th</sup>).

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)
- Operational – glove sucked into railcar due to high vacuum
  - Operators reminded of the need to open valves very slowly to ensure no overpressure / severe vacuum
  - Glove retrieved
- Caustic truck quality incident
  - Product loaded on top of a large heel of water
  - Miscommunication in that paperwork showed caustic residue

### **Operations**

- Major track repair work completed (part of the ongoing repair & maintenance program).
- Site operating at normal levels with a busy December expected (as is normally the case for year end shipments).
- Focused on preparing for 2021 projects with improving the dock/dolphin structure, constructing an additional storage track & executing an internal tank inspection (as part of normal regulatory requirements).
- COVID 19 continues to present challenges.
  - Continued outdoor meetings & tool box talks
  - Difficult to include all site personnel in meetings since no single space is large enough

- Masks required inside
  - Continue to limit on site personnel whenever possible
  - Site continues to minimize visitors and enforce masks, limits on room capacities, and perform extra cleaning
- Site personnel are once again raising money for the local Food Bank.

### **Overall Company**

- Continues to manage COVID globally, and although some have returned to office, many people continue to work remotely.
- Plans to restructure its Agriculture Business announced. Details can be found on the website.

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

Take care,

**Robin Lee**

**Terminal Manager**

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## Current status / Schedule

- Refinery units:
  - Front-End (conversion of Used Oil to Distillate) shut down this week for planned semi-annual maintenance work
  - Back-End (conversion of Distillate to Base Oil) running at full capacity

## Health, Safety and Environment

- Facility continues to operate within permitted approvals
  - Annual emission testing for Metro Vancouver permit requirements completed on Dec 1
- 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.

## Training and Audits

- Planning to send a group of our operators to fire training at the Justice Institute this fall. Although not a regulatory requirement, we feel that our operations department benefits from this in-depth fire training and re-education every 2 years – delayed until Spring (COVID)