

**Canaport LNG Project  
Canaport Community Environmental Liaison Committee  
(CCELC)**

Minutes of Meeting CCELC # 41  
Monday 17 March 2008  
Red Head United Church Hall, Saint John, N.B.  
Meeting 6:10 pm –7:30 pm

**APPROVED**

**Committee Present:**

- |                    |                           |
|--------------------|---------------------------|
| • Armstrong, Carol | Resident                  |
| • Brown, Alice     | Resident                  |
| • Debly, Teresa    | Resident                  |
| • Forsythe, Fraser | Co-Chair (Canaport LNG)   |
| • Garnett, Vern    | Resident                  |
| • Griffin, Dennis  | Resident                  |
| • Griffin, Glenn   | Resident                  |
| • Hunter, Roger    | Resident                  |
| • McNeill, Pam     | Resident                  |
| • Smith, Elsie     | Resident                  |
| • Turner, Rick     | Saint John Board of Trade |

**Committee Absent:**

- |                     |                                     |
|---------------------|-------------------------------------|
| • Armstrong, Stu    | Co-chair of CCELC, Resident         |
| • Court, Ivan       | City of Saint John Councilor        |
| • Dalzell, Gordon   | SJ Citizens Coalition for Clean Air |
| • Johnston, Jan     | Resident                            |
| • MacKinnon, Claude | ACAP Representative                 |
| • Melvin, Keith     | Enterprise Saint John               |
| • Perry, Yvonne     | Member                              |
| • Rogers, Kathy     | Member                              |
| • Thompson, David   | Member                              |

**Resources:**

- |                         |                    |
|-------------------------|--------------------|
| • Hogsden, Kristy       | Fundy Engineering  |
| • Little, Steve         | Fundy Engineering  |
| • O'Brien, Kevin        | City of Saint John |
| • Van der Veen, Carolyn | Canaport LNG       |

**Opening Remarks:**

The meeting commenced at 6:10 pm with Fraser Forsythe welcoming everyone

to the meeting. Fraser Forsythe asked members to review the agenda and asked for any additional items to be brought forward. He indicated that Carolyn Walker sends her regrets and will be unable to attend the meeting tonight.

Teresa Debly requested that new business be conducted first Fraser Forsythe asked the committee if anyone opposed; none did.

**Review & Approval of minutes from September 11<sup>th</sup> meeting:**

The minutes of meeting #40 on 11 February 2008, were approved with the following changes:

- *Question 34 (page 8) was changed to read "Several residents received a letter"*
- *Elsie Smith's statement (page 8) was changed to read that samples were taken "from her tap once and that people looked at her well"*

At this time, the minutes were tabled in case other members arrived and had comments or amendments to make prior to approval.

**New Business**

Pam McNeill stated that she saw two large trucks carrying metal or rebar on Red Head Road at 8AM this morning, one was red and one was covered with a grey tarp. Kevin O'Brien stated that a sign is posted off of Bayside Drive indicating the route trucks should take to Canaport but he will look into relocating it, so it is more visible.

Q1: (Elsie Smith) How long until blasting starts again?

A1: (Fraser Forsythe) I am not sure, Canaport is not given notice from Brunswick Pipeline. However, they are required to give 48 hours notice to residents prior to blasting.

A1: (Carolyn Van der Veen) I am helping them to ensure residents are properly informed.

Q2: (Carol Armstrong) What was on the three big tractor trailers that arrived last week? One truck need to use jake brakes to stop. Was it part of a crane?

A2: (Fraser Forsythe) The trucks could have been carrying parts of a crane. I will bring the issue of trucks on Red Head Road to our 7AM coordination meeting tomorrow morning. All main contractors attend and I will reiterate the importance of using the new road and ask them to pass this message onto their employees.

Q3: (Carol Armstrong) What did they bring in last Saturday that stopped traffic on Red Head Road? Did it have to back down the road?

A3: (Fraser Forsythe) It was a condenser which controls the boil off gas. It may have had to back down the site access road.

Q4: (Roger Hunter) Is Red Head Road not a designated truck route?

A4: (Fraser Forsythe) We have informed Project delivery trucks coming to Canaport that they can and should use the private road.

Glenn Griffin requested that a reminder be sent to workers at the Canaport site to use the new road (Bayside Drive) instead of Red Head Road and expressed his concerns about drivers traveling at high speeds on the road. Fraser Forsythe will pass on that information. Kevin O'Brien said that the City of Saint John will be constructing a proper T-intersection at Grandview Ave. and Bayside Drive this year to help alleviate traffic concerns there. Carolyn Van der Veen suggested putting up radar along that section of road again. Kevin O'Brien suggested contacting Jeff LaFrance.

### **Red Head Road Update**

Kevin O'Brien gave an update on reconstruction activities that will be occurring along Red Head Road this spring and summer. On 24 March 2008, Red Head Road will be closed to through traffic between Bayside Drive and the Hazen Creek Treatment Facility, with the exception of local traffic and emergency services vehicles. The road is scheduled to re-open on 1 August 2008. This closure will be advertised in the local paper on 18 March and 22 March. Work that will be completed within this time includes: slope work across from 177 Red Head Road; pipework from Midwood Ave to the water treatment facility; roadway reconstruction, addition of curb on both sides, and concrete sidewalk on one side from Bayside Drive to Midwood Ave; and relocate power lines and move house, smooth curve in road near Shakey house.

Q5: (Glenn Griffin) Can we get paved shoulders?

A5: (Kevin O'Brien) Our goal is to try and increase the number of bike lanes on roads in the City but that section is pretty narrow.

Q6: (Roger Hunter) Who has the paving contract?

A6: (Kevin O'Brien) I am not sure at this time.

Q7: (Teresa Debly) Could a press release on the road closure be put on the radio? Some people do not buy the paper.

A7: (Kevin O'Brien) I will look into that.

Teresa Debly stated that in September- October 2007, she asked for information about donations that Canaport LNG had made to the public, but was told this information was not publicly available. Then she saw a list was published in the paper in January. Carolyn Van der Veen replied that the some of the information about donations is publicly available and some is private. This list was published by a reporter with the Telegraph Journal who accessed the publicly available information on our website.

Q8: (Teresa Debly) On 5 March 2008, did some metal fall on the site and almost hit a worker?

A8: (Fraser Forsythe) Not that I am aware of. I get reports on all near-misses and safety incidents. One near-miss incident occurred when a staging plank fell during the staging disassembly process but this happened much earlier than March.

Q9: (Teresa Debly) What was the date of that incident?

A9: (Fraser Forsythe) I do not know but will find out for you. Near-miss incidents do occur and are recorded like any other first aid treatment, etc that is administered on site. Based on the information provided in the report, we are able to identify actions to help prevent that type of incident from occurring in the future.

Q10: (Teresa Debly) Can we have a copy of all the near-miss reports?

A10: (Fraser Forsythe) No, they belong to the Project EPC contractor. I will provide the committee with stats on near-miss incidents which have occurred on the site.

Q11: (Carol Armstrong) Why was the ambulance needed last Saturday morning?

A11: (Fraser Forsythe) I believe it was an incident at the Crude Terminal. We have had two incidents in the past few weeks where emergency services were called to the site. Specifically, there was a non-occupational injury (e.g., shoulder dislocation). Also, we have had a worker complain of chest pain and our on-site nurse will stabilize the patient and then transfer them to the hospital as a precaution. Our on-site ambulance will not leave the site.

Q12: (Dennis Griffin) Are you going to paint the tanks?

A12: (Fraser Forsythe) I do not know.

A12: (Carolyn Van der Veen) No.

Dennis Griffin commented that overspray can travel quite a distance and if any spraying will be done that residents and workers who park their cars on site, should be notified. He also suggested that any spraying should be done when the wind is low. Fraser Forsythe stated that only touch up painting will be required for pre-fabricated steel and that the piping is stainless steel and will not require painting. He said that this concern is valid and was raised at the Planning Advisory Committee meeting in 2005.

Q13: (Glenn Griffin): What is the black railing on the top of the tanks?

A13: (Fraser Forsythe): It is a permanent monorail structure for lifting equipment during operation.

Alice Brown stated that she knew a person working 7 days a week, 12 hours a day. Fraser Forsythe stated that it is up to the EPC and sub-contractors to select schedules.

Q14: (Teresa Debly): Has there been an update on the WHSCC Investigation?

A14: (Fraser Forsythe): As of Friday, the WHSCC was still investigating the incident. The report is not a public document and will be submitted to Lorneville Mechanical, likely next week. The WHSCC have collected all the information they require, spoke with witnesses, and conducted a mock-up evaluation of the work platform.

Q15: (Teresa Debly): What was the name of the worker who died?

A15: (Fraser Forsythe): Omer Allain.

### **Canaport Site Update**

Fraser Forsythe provided an update on construction activities onshore and offshore at the Canaport LNG site. He showed three recent aerial photos of the site which were taken in February and show construction progress. In particular, he highlighted the main operating platform which will be lifted on to the top of each tank, the sedimentation basin, the impounding basins, and the submerged combustion vapourizers (SCVs) which will re-gasify the liquefied natural gas. Fraser Forsythe stated that the site was being constructed according to CSA standard Z276, which is the building code standard for LNG facilities in Canada.

Q16: (Roger Hunter): What is the purpose of the sedimentation basin?

A16: (Fraser Forsythe): To settle sediments which are in water flowing off the site. The basin acts as a buffer zone before we release the water to the Bay of Fundy. Samples are taken weekly and after every heavy rainfall event and analyzed to ensure they meet NBDENV criteria. Samples are taken from 5 locations on the site. The NBDENV criteria states that total suspended solids in the water must be less than 25 mg / L as a monthly average or 50 mg/ L for a grab sample.

Q17 (Glenn Griffin): Will there be a smoke plume similar to the one at Bayside Power or SO<sub>2</sub> emissions?

A17 (Fraser Forsythe): No, there may be a moisture plume visible from the SCVs depending on the ambient air temperature but there will not be significant SO<sub>2</sub> emissions. Before the LNG is chilled, the water, butane, propane, and ethane, etc are removed, so that the product is >97% methane.

Q18: (Glenn Griffin): How does this differ from Sable Island?

A18: (Fraser Forsythe): On Sable Island, they have constructed a processing facility on shore at Goldsboro where the gas is cleaned before it enters the pipeline. The gas is essentially burned right out of the ground and may produce SO<sub>2</sub> emissions because of sulphur that exists in the gas.

Q19: (Roger Hunter): How do you control the pressure in the pipeline?

A19: (Fraser Forsythe): We will use HP pumps to pressurize (i.e. ~ 1440psi) the liquefied natural gas before it is piped through the radiators (i.e., SCVs) and it will come out as a gas at 1440 psi and be sent into the pipeline at that pressure.

Q20: (Dennis Griffin): Will building a third tank increase the output capacity of the terminal?

A20: (Fraser Forsythe): No. It does not matter how many tanks we have. To increase the output capacity, you would have to increase the number of SCVs. There is no plan to add more SCVs at this time.

Q21: (Dennis Griffin): Will the thermal flux zone change with the third tank?

A21: (Fraser Forsythe): No, all of our analyses regarding thermal flux and environmental impact were conducted based on a three tank design.

Q22: (Dennis Griffin): Could two additional tanks be constructed without changing the zone?

A22: (Fraser Forsythe): No, we would need to go through a new EIA process for any additional tanks or SCVs.

Q23: (Glenn Griffin): Did you need to go through the City for a higher vent stack?

A23: (Fraser Forsythe): Yes, the height of the vent stack was approved as a height change in the site zoning conditions by the Planning Advisory Committee for the City of Saint John in 2005.

Q24: (Glenn Griffin): Are you going to flare it?

A24: (Fraser Forsythe): Not at this point.

Fraser Forsythe provided an update on offshore construction work, including the completion of mooring dolphin 1. Work continues on the, unloading arms, and mooring dolphin 6. He also indicated that tanker crew members will be able to get off the ship, as is normal for terminal operations around the world, if necessary (e.g., sickness) but that it will be done securely and safely.

Q25: (Dennis Griffin): Have you had any problems with the pier, shifting or settling? What if there is an LNG spill during off-loading?

A25: (Fraser Forsythe): No, there have been no deviations from the original plan. There should not be any spillage of LNG, however a stainless steel spillage channel and impounding basin has been constructed as part of the pier design and an emergency measures plan will be prepared in case of a spill.

Q26: (Dennis Griffin): Will you walk us through, step-by-step about the operating procedure?

A26: (Fraser Forsythe): We will have an operations manual, which will not be available to the public but I can give an overview presentation of the process closer to the time of operation.

Q27: (Dennis Griffin): Will this committee know when the first ship will arrive?

A27: (Fraser Forsythe): The first ship is planned to arrive in late November.

Q28: (Roger Hunter): When will the manuals be ready?

A28: (Fraser Forsythe): The manuals (e.g., marine terminal, emergency response plan etc) are being prepared now and will be submitted to the regulators at least six months prior to operation.

Q29: (Teresa Debly): Are we changing to bi-monthly meetings?

A29: (Fraser Forsythe): Not at this time. I suggested this to the committee at the last meeting, but it was decided that we continue with the monthly schedule at this time.

At this time, Fraser Forsythe returned to the minutes. No additional comments or amendments were made. The minutes were approved as amended; motioned by Vern Garnett and seconded by Roger Hunter. Approved minutes will be posted to the Canaport LNG website ([www.canaportlng.com](http://www.canaportlng.com)) and the Fundy Engineering website ([www.fundyeng.com](http://www.fundyeng.com)).

### **NBDENV Monthly Status Report**

Carolyn Walker was unable to attend the meeting this evening. A copy of her monthly status report will be included in the minutes package. Both Action Items, which were the responsibility of the NBDENV from February meeting will be carried forward until April.

### **Members Statement**

Carol Armstrong commented that it was quite cold in the meeting hall and the temperature should be turned up. Pam McNeill returned to the discussion regarding the date of start up for the facility. Fraser Forsythe stated that commissioning is planned to occur in December. Dates will be available closer to that time and information will be available then.

### **Adjourned:**

7:35 pm

Submitted by: Fundy Engineering

### **Next Meeting Date:**

**Tuesday 8 April 2008.** This meeting will be a bus tour of the site. Please meet at the Red Head Church at 5:45pm and the bus will leave at 6pm. There will **not** be a formal meeting at the church following the bus tour.

### **Attachments:**

NBDENV Monthly Status Report

Table of Outstanding Action Items