

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

Minutes of Meeting CCELC # 15  
Monday November 14, 2005

Red Head United Church Hall  
Saint John, N.B.  
6:05pm to 9:10pm

## Committee Present:

- Armstrong, Stu Resident
- Barton, Dianna Enterprise Saint John
- Court, Ivan City of Saint John Councillor
- Dalzell, Gordon SJ Citizens Coalition for Clean Air
- Griffin, Dennis Co-chair of CCELC, resident
- Griffin, Glenn Resident
- Hunter, Roger Resident
- Johnson, Jan Resident
- Long, Warren Co-chair of CCELC, Irving Oil
- MacKinnon, Claude ACAP Representative
- Malcharek, Rainer Bayside Power
- Melanson Don Resident
- Perry, Yvonne Resident
- Rogers, Kathy Member
- Roy, Beth Resident
- Smith, Elsie Resident
- Thompson, Jean Resident

## Committee Absent:

- Daigle Dawn Resident
- Debly, Teresa Resident
- Lyttle, Dwain Resident
- Macaulay, David Resident
- Quinn, Kevin Bay Pilots & Marine Consultants
- Thompson David Member
- Turner, Rick Saint John Board of Trade

**Resources:**

- |                       |                                |
|-----------------------|--------------------------------|
| • Caines, Crystal     | Fundy Engineering & Consulting |
| • Ciacciarella, Jorge | Canaport LNG                   |
| • Forsythe, Fraser    | Fundy Engineering & Consulting |
| • Logan, John         | Irving Oil Limited             |
| • Mouland, Gordon     | Fundy Engineering & Consulting |
| • Walker, Carolyn     | NBDELG                         |

**Observers:**

Approximately 4 observers were in attendance throughout the meeting.

**Opening Remarks:**

The meeting commenced at 6:05 pm with Warren Long opening the meeting, welcoming all returning members and resources.

**Introductions/Attendance:**

Gordon Mouland, Principle of Fundy Engineering, was introduced as a resource to the meeting to answer any blasting related questions or concerns. John Logan from Irving Oil Limited (IOL) and Jorge Ciacciarella, general manager of Canaport LNG, were also introduced and welcomed as resources to the meeting.

**Review of Agenda:**

The meeting agenda as circulated was reviewed and revised to include guest Gordon Mouland to address members on blasting concerns/questions and John Logan from IOL to speak on the Red Head Secondary Access Road routing. All other scheduled topics followed.

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

The minutes of the meeting of October 11, 2005 (meeting #14) were reviewed and approved as amended (moved Claude McKinnon, seconded by Gordon Dalzell) with the following revisions;

- Page 5; “Several suggestions came forth including Mispic River, or providing Mispic Park with funding to build a gazebo”. Funding is to be used to build a community center not a gazebo.
- Page 6; “One member suggested having brief presentations....” was changed to “Gordon Dalzell suggested having brief presentations...”

## **New Business:**

### **Blasting**

The floor was opened to Gordon Mouland of Fundy Engineering to address questions/concerns on the blasting being performed on site. Gordon Mouland is providing Blast Control for this phase of the project. The following questions/concerns were voiced.

**Q: What types of explosives are used on-site?** A: Explosives used on site are a non-water soluble gel, in emulsion form. Diesel fuel has not been used at any time in the blasting program.

**Q: What happens if it rains?** A: Rain is not a concern in relation to the explosives. The explosives used do not dissolve in rain water, and they will sink to the bottom of the blast hole.

#### *ACTION 15-1: Where are the explosives used on-site stored?*

A: There are no explosives stored on site. When explosives are stored offsite, they are stored at a defined magazine outside city limits, in a steel container with a gravel liner. The purpose of the gravel liner is to ensure that the container is "bulletproof". The explosives are stored 60 meters from the detonators. The legal distance is 30 meters.

**Q: Will blasting get worse? For example, will it get worse than the blast on Thursday November 10<sup>th</sup>?** A: The blast on November 10<sup>th</sup> was probably one of the larger blasts that will be experienced as it was one set with the deepest charge depths. Concussion (noise) and vibration levels were recorded at 114 dB and 2.5 mm/second respectively at the nearest residence, well below the limits defined in the Approval to Construct authorization.

**Q: When is the blasting expected to stop?** A: Much of the blasting will be completed by March; however, there will be another contract awarded for Phase III, and some blasting may be required during that construction phase.

**Q: What would a vibration of 2.5mm/sec be comparable to?** A: A vibration with this measurement would be comparable to a big wind storm shaking a house.

**Q: What kind of security measures are enforced?** A: Only those who are licensed with the Province of NB are able to blast.

### **Secondary Access Road**

To mitigate increased traffic resulting from the next phase of the LNG project, a secondary access road is being proposed from the Canaport site leading to the Old Black River Road. Irving will construct the road and maintain ownership of the portion from the site to the Proud Road. The City of Saint John will take possession and maintain the second portion of the road from the Proud Road to

the Old Black River Road. The routing presented at this meeting is solely a desk-top design, and may change slightly once field work has been completed.

Construction of the secondary access road will involve crossing several wetlands, resulting in impacts on wetlands greater than 2 hectares triggering an Environmental Impact Assessment (EIA) with the New Brunswick Department of Environment & Local Government (NBDELG). As part of the EIA process, public input will be sought at the December 12<sup>th</sup> CCELC meeting in relation to this issue.

*ACTION 15-2: Discuss public concerns on the construction of the secondary access road as part of the Environmental Impact Assessment process.*

The routing of the road raised the question as to whether or not the proposed pipeline will follow the same route.

*ACTION 15-3: Obtain MN&E registration document for review of the proposed routing for the pipeline originating from Canaport.*

The following questions arose as a result of the above mentioned subject matter:

**Q: Will landowners have legal access to the road?** A: It is not clear, although it is likely that they will try to control the amount of driveways that access the road for safety reasons.

**Q: Would the residents be able to access the road in the case of an emergency?** This will be addressed at a future date during the preparation of the emergency evacuation plan for the project.

**Q: When will the construction on the roadway begin?** Construction will begin in the summer of 2006.

### **Jorge Ciacciarella**

Jorge Ciacciarella, general manager of Canaport LNG, was introduced to the committee and was asked the following questions by the committee.

**Q: How will the residents of Saint John benefit from the project?** A: The residents of Saint John will benefit from the project both directly and indirectly through employment opportunities and investments within the city. The project will provide 750-800 jobs over the next three years during the construction stages, and will provide full time jobs during the operational stages. Additionally, residents of Red Head will receive a secondary access road.

**Q: Tell us about next big contractor? How many local contractors?** A: There have been six large international companies with experience building LNG plants who have been asked to bid on the project. The international companies will then hire sub-contractors, many of which will be local.

**Q: There are several other large projects that will be occurring during the same time frame as the Phase III construction of the LNG Project. Do you foresee any problems with lack of employment resources within the city?**

**A:** No, this and other projects will provide the opportunity for increased employment and allow workers to return to Saint John (i.e. from Western Canada) to obtain work.

*ACTION 15-4: Dianna to brief CCELC on the activities associated with approximately \$3 B of projects expected over the next 7 years by Enterprise Saint John.*

*ACTION 15-5: Expand on the list of benefits the LNG project will have on the residents and the City of Saint John*

**Review of Action Items Arising from October 11<sup>th</sup> meeting:**

- (14-1) To be revisited for February's meeting (reviewing air quality legislations).
- (14-2) Rainer investigated the incidence (boat that ruptured the pipeline), and could not find anything that indicated the ignition source. It was discovered that the pipeline in the water was insufficiently covered and was probably the reason for the ship hitting the pipeline. Rainer indicated the ignition source would have probably originated from the ship.
- (14-3) Liabilities of a pipeline are similar to the liabilities of a vehicle owner and operator. Under normal operation, the owner of the pipeline is liable. Trespassing is not a major concern as the pipeline will be underground.
- (14-4) It is not feasible to produce minutes in an 'html' format as it is difficult and expensive to do. For those requesting minutes in an electronic format and are unable to download Adobe (pdf), minutes will be provided in Microsoft Word format only to members.

*ACTION 15-6: Fundy to issue instructions on how to download the free software adobe that will support PDF format*

- (14-5) Action item on-going. Members are encouraged to address concerns with DFO on issues relating the Red Head Marsh restoration.
- (14-6) Compensation for wetland removal is evaluated on a case-by-case basis. Although like-for-like compensation is encouraged and preferred, other compensation projects will be considered.

*ACTION 15-7: Beth Roy to bring Mispic Community Access proposal to Fraser Forsythe to submit the plan to NBDELG*

- (14-7) Alternate routing has been decided and was previously discussed in this meeting. Canaport LNG has also and will continue to

look into park and ride systems and coordinating work schedules to reduce heavy traffic flows.

- (14-8) Site visit was conducted on November 12 with 8 members, 2 resources and 3 guests in attendance. Gordon Dalzell commented on the level of detail of the compliance effort in regard to the stream diversion. In general, the members were impressed with the cleanliness of the site.
- (14-9) Some of the members received their maps from MN&E, while others are still waiting. Gordon Dalzell and Claude McKinnon are still awaiting their packages. Jennifer Parker to contact MN&E to ensure maps are delivered as promised.
- (14-10) MN&E presentation on pipeline routing to be determined.
- (14-11) Benefits of LNG were discussed at this meeting and include direct and indirect benefits through employment and investing in the city of Saint John, and a secondary access road.
- (14-12) 50-60 tonne tugboats were used in the simulation exercise to handle the LNG tankers. Tugboats from PEI are the same category of tugs; therefore it is possible these tugs could be used.
- (14-13) John Logan briefly spoke to the CSA standards in relation to the construction of the LNG terminal. The CSA standards for LNG terminals are going to go to revision.

*ACTION 15:8: Carolyn Walker to contact Health and Safety to see if they can have a representative come and explain the process involved in safety audits.*

*ACTION 15:9 Follow up with City of Saint John (Eric Griffin) regarding Item #64 for work planned on Red Head Road.*

*ACTION 15:10 Rainer to calculate the amount of natural gas that might be released from high pressure gas transmission line should a catastrophic break occur.*

#### **NBDELG Monthly Status Reports:**

Carolyn Walker, compliance officer with NBDELG, provided an environmental status report update for October–November 2005.

Updates included;

- Upcoming EIA Registration for the Red Head Secondary Access Road, EIA Registration for the Canaport Facility Lands Development and the Phase III of the Approval to Construct application registration.
- Tracking Database errors have been fixed.
- Monitoring reports are continuing and have been below criteria (blasting & TSS).
- Groundwater monitoring reports show normal fluctuations; indicating blasting has not affected groundwater.

For a full review of the monthly status reports, refer to the copy of the monthly status report provided to the members, or contact Carolyn Walker at the New Brunswick Department of Environment and Local Government at 658-2558.

**Upcoming activity on site:**

- Registering EIA for the pond and wetlands that remain on site (Canaport Facility Lands Development). Once registered, there will be an opportunity for the public to review and make comments on the report.
- Grubbing & blasting underway

The next meeting date is scheduled for **Monday December 12, 2005**, at the Courtney Bay Inn 6:00 – 9:00 pm.

Subsequent meetings scheduled for **Monday January 9, 2006** at the Church Hall of the Red Head United Church 6:00 – 9:00 pm.

**Adjourned:** 9:05 pm

Submitted F Forsythe  
Fundy Engineering & Consulting  
e-mail: [fraser.forsythe@fundyeng.com](mailto:fraser.forsythe@fundyeng.com)

**Attachments:**

Revised October 2005 Meeting Minutes  
Table of Actions/Responsibilities

## Table of Actions/Responsibilities

Action #	Action	Responsible Party	Due Date
15-1	<i>Where are the explosives used on-site stored?</i>	Fundy Engineering	December 12
15-2	<i>Discuss public concerns on the construction of the secondary access road as part of the Environmental Impact Assessment process</i>	CCELC	December 12
15-3	<i>Obtain MN&amp;E registration document for review of the proposed routing for the pipeline originating from Canaport</i>	Fundy Engineering	January 9, 2006
15-4	<i>Dianna to brief CCELC on the activities associated with approximately \$3 B of projects expected over the next 7 years by Enterprise Saint John.</i>	Dianna Barton	January 9, 2006
15-5	<i>Expand on the list of benefits the LNG project will have on the residents and the City of Saint John</i>	Canaport LNG/Fundy Eng	January 9, 2006
15-6	<i>Fundy to issue instructions on how to download the free software adobe that will support PDF format</i>	Fundy Engineering	December 12
15-7	<i>Beth Roy to bring Mispec Community Access proposal to Fraser Forsythe to submit the plan to NBDELG</i>	Beth Roy/Fraser Forsythe	TBD
15-8	<i>Carolyn Walker to contact Health and Safety to see if they can have a representative come and explain the process involved in safety audits</i>	Carolyn Walker	January 9, 2006
15-9	<i>Follow up with City of Saint John (Eric Griffin) regarding Item #64 for work planned on Red Head Road</i>	Fundy Engineering	January 9, 2006
15-10	<i>Rainer to calculate the amount of natural gas that might be released from high pressure gas transmission line should a catastrophic break occurs.</i>	Rainer Malcharek	January 9, 2006