

LNG & Multipurpose Pier Project Canaport Community Liaison Committee (CCLC)

Minutes of Meeting CCLC # 7
Monday, Feb 7, 2005

Red Head United Church Hall
Saint John, N.B.
6:00pm to 8:00pm

Committee:

- Barton, Dianna Enterprise Saint John
- Dalzell, Gordon SJ Citizens Coalition for Clean Air
- Griffin, Dennis Co-chair of CCLC, resident
- Hunter, Roger Fundy North Fisherman's Association
- Johnston, Jan Resident
- Long, Warren Co-chair of CCLC, Irving Oil
- Macauley, Dave Resident
- MacKinnon, J Claude ACAP Representative
- Malcharek, Rainer Bayside Power
- Smith, Elsie Resident
- Stevens, Mike Resident
- Thompson, Jean Resident
- Turner, Rick Saint John Board of Trade

Resources:

- Forsythe, Fraser Fundy Engineering & Consulting
- Parker, Jennifer Irving Oil
- Pataki-Therriault, Germaine NB DELG
- Peterson, Dave NB DELG
- Ryan, Tim Fundy Engineering & Consulting

Opening Remarks:

The meeting commenced at 6:05pm with Warren Long opening the meeting by welcoming all attendees, and introducing himself, his role with Irving Oil and the LNG Project.

Introductions/Attendance:

Participants introduced themselves and are as indicated above

Review of Agenda:

The Agenda as circulated was reviewed and approved

Approval of Minutes:

The minutes of the last meeting held on Sept 30/2004 were circulated and approved with revisions. A revised copy of those minutes is attached.

Project Update:

Warren Long provided an update on the Project. Front end engineering and design (FEED) work in its initial phase. Some geotechnical work will be done during Feb/Mar time frame. Residents may see equipment on site to drill core samples for analysis of soil and rock characteristics – this information is required to complete the front end engineering and design work.

Minutes:

It was suggested and the consensus of the attendees was that the minutes of our meetings be presented in a more narrative style. Specific action items from our meetings are highlighted within the minutes and attached to the minutes as separate document. Individual comments will no longer be recorded, except by request.

Membership:

The question of the number of members and the criteria for membership on the CCLC was raised. In light of the fact that a number of former residents who were members of the committee have now resigned, there are not a sufficient number of local residents who are members. The ensuing discussion resolved that membership should not be limited. If the committee becomes too large membership numbers will be reviewed at that time. Also, that although open to any interested citizen, preference would be given to local residents.

ACTION 7-1: Fundy to provide copy of original list of attendees from "Open House" to members for review.

ACTION 7-2: Attendees who are residents are to canvas area residents to increase participation in this committee

ACTION 7-3: Jennifer Parker to prepare notice and post in the two local stores to solicit area residents to participate in this committee

The issue of non-member attendees (i.e. the drop-in observer) and how to accommodate these individuals was raised. It was decided that observers are certainly welcome, however, they will not be allowed to address or direct questions to the meeting unless previously placed on the agenda.

Frequency of Meetings:

The original mandate of the CCLC indicated that meetings would be held at a minimum of every 3 months, however, the meeting attendees decided that meetings be scheduled monthly on Monday evenings at the Church Hall. The next two meetings are March 14th and April 18th, and then committee will reassess the frequency of the meetings

Arising from previous meetings:

Roger Hunter expressed the concern and frustration of the Fundy North Fisherman's Association that the meeting of representatives from DFO, Irving, and the Fisherman's Association has not taken place. Of particular concern is the fact that the Premier is on record has having stated that such a meeting should be held. Further, that a meeting between Irving and DFO had taken place but that no representatives of the Fisherman's Association were invited. The Fisherman's Association wants to participate in a three-party meeting to discuss the impact of the Project's exclusion zone (safety zone) on the available fishing grounds, and mitigating compensation.

ACTION 7-4: Dave Peterson to provide the record of the statement made to the fishermen by the Premier concerning the meeting.

ACTION 7-5: Irving to provide update of the status of meeting with DFO and Fisherman's Association

Germaine offers the following website which contains the information of record concerning this issue and addresses action item 4. The first link below brings you to the Premier's press conference, which can be watched on video. During the question and answer period, around the 4th question, was the question of fishing compensation. As well, the second link directs you to the Summary of Public Participation, which includes our Panel's recommendations, including having Irving, DFO and the fishermen meet to discuss the issue in more detail.

<http://www.gnb.ca/0009/0377/0002/0015-e.pdf>

<http://www.gnb.ca/0009/0377/0002/0014-e.pdf>

Dennis Griffin requested that maps of the proposed routing of the natural gas line from the terminal to the refinery and the "Orimulsion" Line routing be provided to the committee.

ACTION 7-6: Fundy to provide maps from Environmental Impact Statement (EIS) to committee members for next meeting

Gordon Dalzell asked if any site preparation work would begin at this time. There will be some small amount of geotechnical work consisting of core drilling and cutting to allow access of drilling equipment to necessary locations. No other work will be started at this time.

Dennis Griffin raised the question of the use of the area prepared for the Orimulsion tanks for the LNG facility could this be used, why/why not?

ACTION 7-7: Irving to provide layout of the feasibility, and rationale on Onshore Facility when FEED engineering is complete

A number of members expressed concern about their responsibility when contacted by members of the press. Rainer Malcharek related his experience with the Coleson Cove project in that members were and are free to express their individual opinions, however, no committee member should speak on behalf of the committee unless so directed by the CCLC.

New Business:

It was suggested that the approved minutes from the meetings of the CCLC be placed on a website for public access. Jennifer Parker indicated that presently Irving is undertaking an extensive renovation to their corporate website and that once the site is complete, the committee could revisit this suggestion. However, until this work is completed, in approximately six months, it would not be possible to include our minutes on the site.

Germaine Patatki-Therriault indicated that anyone wishing to review the EIS could do so on the Canadian Environmental Assessment Agency CEEA website at or the government of New Brunswick website:

["http://www.gnb.ca/0009/0377/0002/0008-e.asp"](http://www.gnb.ca/0009/0377/0002/0008-e.asp)

Germaine had also offered to provide the link to the NB Power Terms of Reference for their CELC:

["http://generation.nbpower.com/en/colesoncoverefurb/CELC%20Terms%20of%20"](http://generation.nbpower.com/en/colesoncoverefurb/CELC%20Terms%20of%20)

Dennis Griffin raised the question, what effects will the development of the Project have on real estate values in the Red Head area? Committee would like information from Saint John Real Estate Association on historical and future trends in this area if such were available.

Resident members of the committee raised a number of traffic related issues concerning the project. Plowing, heavy equipment movements,

nighttime use of Red Head road by construction vehicles, present signage. Warren Long indicated that residents concerns about heavy equipment movements would be mitigated through the use of appropriate flagging and escort vehicles. Traffic concerns will be reviewed as the Project plan develops

ACTION 7- 8: Fundy to contact City of Saint John to request the presence of a city representative at our next meeting to review the committee's concerns about plowing and signage on the Red Head road.

Next Meeting:

The next meeting date is **Monday March 14, 2005** at the Church Hall of the Red Head United Church 6:00 – 7:30 PM

Adjourned: 8:30 pm

Submitted F Forsythe
Fundy Engineering & Consulting
e-mail: fraser.forsythe@fundyeng.com
Feb 8/2005

Attachments:

Table of Actions/Responsibilities
Revised minutes of Sept 30, 2004 meeting
LNG Conversion Factors

Table of Action/Responsibilities

Action #	Action	Responsible Party	Due Date
7-1	Provide copy of original list of attendees from "Open House" to members for review.	Fundy Eng	Mar 14
7-2	Attendees who are residents are to canvas area residents to increase participation in this committee	Resident members	Report next meeting
7-3	Prepare notice and post in the two local stores to solicit area residents to participate in this committee	Jennifer Parker	Feb 23
7-4	Provide the record of the statement made to the fishermen by the Premier concerning the meeting.	Dave Peterson	Next meeting
7-5	Provide update of the status of meeting with DFO and Fisherman's Association	Irving	Next meeting
7-6	Provide maps from Environmental Impact Statement (EIS) to committee members	Fundy Eng	Next meeting
7-7	Provide layout of the feasibility, and rationale when FEED engineering is complete	Irving	n/a
7-8	Contact City of Saint John to request the presence of a City representative at our next meeting to review the committee's concerns about plowing and signage on the Red Head road.	Fundy Eng	Mar 14

Gas/Liquid Ratio: 610
 Btu/scf: 1,075 (14.73 Dry)
 LNG Density: 448.108 kg/m³

LNG Conversion Factors

LNG

Item	1 Metric Tonne	1 Barrel	1 Gallon	1 Cubic Meter	1 Cubic Foot	1 Pound
1 metric tonne - LNG	1	14.04	589.67	2.232	78.827	2,204.6
1 barrel - LNG	0.0712	1	42	0.159	5.615	157.1
1 gallon - LNG	0.001696	0.0238	1	0.00379	0.1337	3.7
1 cubic meter - LNG	0.448	6.290	264.172	1	35.315	988.0
1 cubic foot - LNG	0.0127	0.178	7.482	0.0283	1	28.0
1 cubic meter - Gas	0.000734	0.0103	0.433	0.00164	0.0579	1.6
1 cubic foot - Gas	0.00002	0.0003	0.012	0.00005	0.0016	0.046
1 Mcf - Gas	0.0208	0.292	12.266	0.0464	1.640	46.0
1 MMBtu - Gas	0.0193	0.272	11.402	0.0432	1.524	42.7

Gas

Item	1 Cubic Meter	1 Cubic Foot	1 MMBtu
1 metric tonne - LNG	1,362	48,074	51.70
1 barrel - LNG	96.98	3,424	3.682
1 gallon - LNG	2.309	81.5	0.0877
1 cubic meter - LNG	610	21,537	23.161
1 cubic foot - LNG	17.277	610	0.656
1 cubic meter - Gas	1	35.315	0.0353
1 cubic foot - Gas	0.02832	1	0.001
1 Mcf - Gas	28.323	1,000	1,075
1 MMBtu - Gas	26.316	0.001075	1

Energy

1 therm = 100,000 Btu	Oil	MMBtu/Bbl
1 therm = 105.5 megajoules	No. 2 fuel oil	5.83
1 therm = 29.31 kWh	No. 6 fuel oil	6.30
1 kWh = .003412 MMBtu	30° crude	5.94
1 MTOE = 43 bcf - Gas	32° crude	5.89
1 MJ = .000948 MMBtu	34° crude	5.84
1 kcal = .00000397 MMBtu	36° crude	5.80

Shipping

1 knot = 1.151 mph
 1 mph = .869 knots

Quick Reference Conversions

1 bcm - Gas = .734 Mill MT
 1 bcm - Gas = 35.31 bcf - Gas
 1 bcm - Gas/yr = 97 MMcf/d
 1 Mill MT - LNG = 1.362 bcm - Gas
 1 Mill MT - LNG = 48 bcf - Gas
 1 bcf - Gas = 46,000,000 lbs. - LNG
 1 bcf - Gas = .028 bcm - Gas
 1 bcf - Gas = .021 Mill MT - LNG

Approximate Energy Content

Fuel	MMBtu/bbl	Btu/gal
LNG	3.7	88,100
Diesel	5.9	140,500
Gasoline	4.6	109,500

Temperature & Pressure

1 bar = 14.504 psi
 1 psi = .069 bar
 14.696 psi = 1 atmosphere
 C° to F° F° = (1.8 x C°) + 32
 F° to C° C° = 5/9 x (F° - 32)



Panhandle Companies

Web site: www.cmspanhandlecompanies.com