

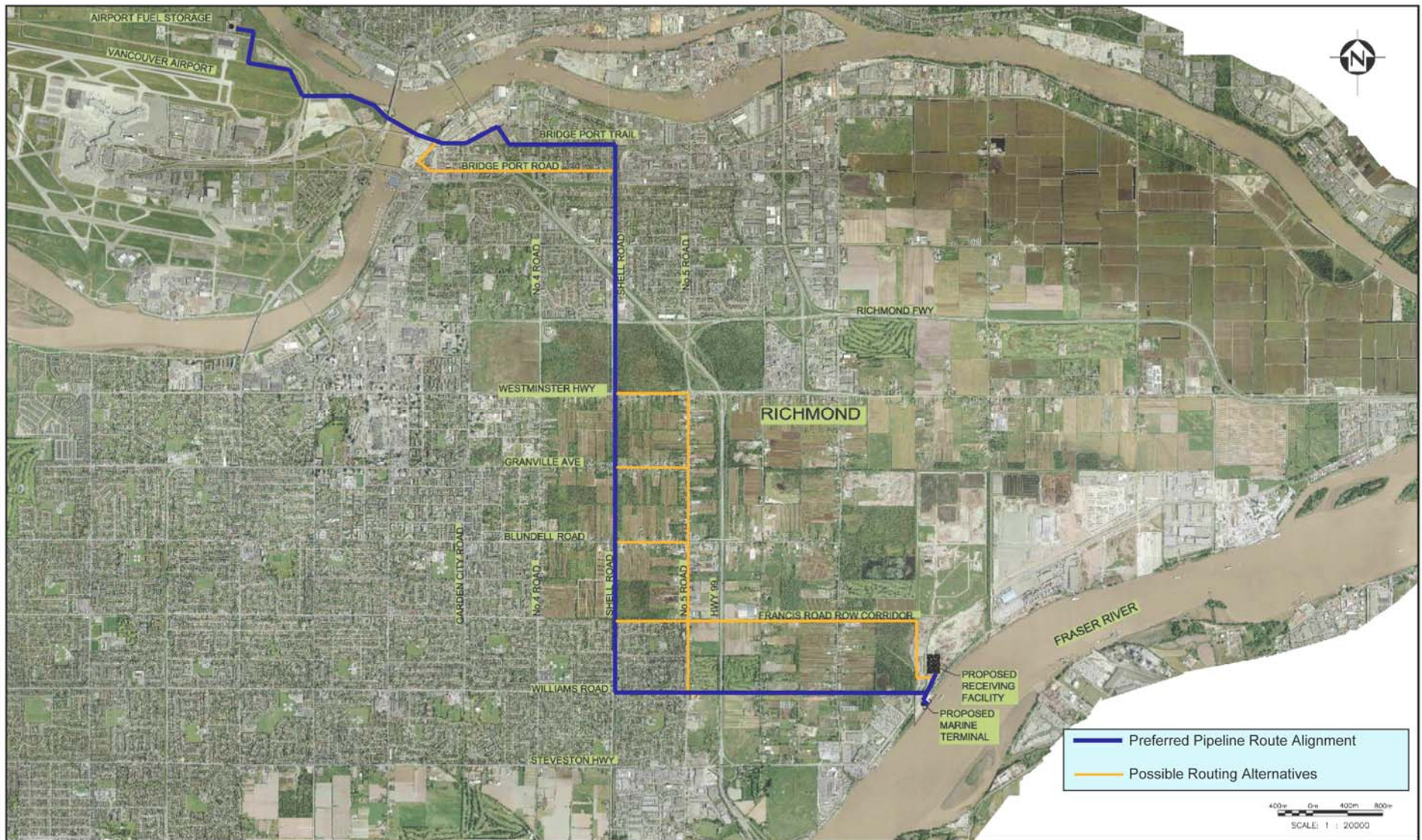


***VAFFC Jet Fuel Delivery Project Update***

***Staff Presentation to Council***

***Sept. 12, 2011***

# VAFFC Jet Fuel Delivery Project - Current Proposal Map



	2009				2010				2011			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Council Resolutions												
BCEAO Open Houses												
BCEAO Active Process												

## Council Resolution from June 8, 2009

*That in relation to any new and necessary jet fuel supply systems to YVR, a preference be endorsed for:*

- a) jet fuel supply system options that result in no net gain of jet fuel line length on Lulu Island;*
- b) the further consideration and review of alternatives to the current VAFFC proposal;*
- c) significant removal of fuel delivery trucks from regional roadways; and*
- d) options that do not include an off-loading facility on the south arm of the Fraser River.*

	2009				2010				2011			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Council Resolutions		●				●						
BCEAO Open Houses					●							
BCEAO Active Process												

## Council Resolution from April 26, 2010

***That the City of Richmond advise the BCEAO and the VAFFC of the following:***

- (1) That in any new jet fuel supply systems to the Vancouver International Airport, Richmond Council is strongly opposed to:***
  - a) an off-loading facility on the south arm of the Fraser River;***
  - b) a new jet fuel line through Richmond farmland and urban areas of Richmond; and***
  - c) any increase in the number of trucks carrying jet fuel on City streets.***
- (2) That the recent VAFFC public open house was inadequate to inform the public of the full situation and that the minimum criteria for adequate consultation would include:***
  - a) an opportunity for attendees to provide written input;***
  - b) full disclosure of the proponent's analysis;***
  - c) a discussion and analysis of the options rather than the assertion of one option; and***
  - d) many opportunities at various locations for Input.***



	2009				2010				2011			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Council Resolutions		●				●			●			
BCEAO Open Houses						●			●			
BCEAO Active Process												

## Council Resolution from March 28, 2011

- 1) *That City Council reiterate its position on the YVR Fuel Delivery Project as follows:*
  - a) *The City is opposed to the delivery of jet fuel involving the South Arm of the Fraser River and/or having the line going across the City;*
  - b) *there has been a lack of effective public consultation, and more time is needed for public input, at least until the end of June 2011;*
- 2) *That, the proposed City comments identified in Attachment 4 on the Environmental Assessment Certificate Application for the Vancouver Airport Fuel Delivery Project be endorsed for submission to the BC Environmental Assessment Office; and*
- 3) *That letters be sent to the local MLA's, MP Candidates, Federal and Provincial Ministers of the Environment, the Prime Minister, and the Premier stating the City's position and seeking their support.*

	2009				2010				2011			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Council Resolutions		●				●			●●			
BCEAO Open Houses						●			●			
BCEAO Active Process												

## Council Resolution from April 4, 2011

***Whereas Richmond City Council has confirmed its continued opposition to any new jet fuel pipeline across the City of Richmond:***

- 1. That a meeting be scheduled as soon as possible with Richmond's three MLAs together with the Minister of Environment, if possible, to discuss the proposed jet fuel line route to garner their support in opposing this project as it is currently planned; and***
- 2. That Richmond City Council state for the record that the preferred route for the jet fuel pipeline at this time is the continued use of the Kinder Morgan Pipeline and/or upgrading it as necessary, or alternatively a location on the North Arm of the Fraser River, close to the airport.***

	2009				2010				2011			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Council Resolutions		●				●			●●			
BCEAO Open Houses						●			●			
BCEAO Active Process												

# VAFFC Update Letter Sept. 7, 2011



Vancouver Airport Fuel Facilities Corporation  
c/o FSM Management Group Inc.  
Suite 103 - 12300 Horseshoe Way  
Richmond, B.C., Canada, V7A 4Z1  
Phone: (604) 271-7113  
Fax: (604) 271-8006

September 7, 2011

Kathy Eichenburger  
Assistant Executive Project Assessment Director  
BC Environmental Assessment Office  
1st Floor 836 Yates St  
PO Box 9426 Stn Prov Govt  
Victoria BC V8W 9V1

Re: Vancouver Airport Fuel Delivery Project Update

Dear Kathy:

To assist your planning of the review of Vancouver Airport Fuel Facilities Corporation's application for an Environmental Assessment Certificate (EAC), I am writing to provide an update on the work currently underway to supplement our EAC Application. This work will provide additional information to respond to questions from the Technical Working Group and other interested parties participating in the application review.

A brief explanation of these work initiatives follows:

## 1. Highway 99 pipeline route analysis

We are working with the BC Ministry of Transportation and Infrastructure (MoT) to assess the Highway 99 corridor, between just north of the Steveston Highway Overpass and Bridgeport Trail, as an alternate pipeline route through Richmond. When completed, our assessment of this route will be submitted as an addendum to our Application.

We have completed the preliminary stages of the assessment and are now working with MoT on a more detailed assessment of the pipeline route, including further consideration of other utilities within the corridor, municipal road use and crossings, and future land use. We expect to complete this work and file the addendum to our Application by November.

## 2. WCMRC analysis of spill response and planning

Western Canada Marine Response Corporation (WCMRC) is certified by Transport Canada under the Canada Shipping Act as the Response Organization for the west coast region under Canada's Marine Oil Spill Preparedness and Response Regime.

They are undertaking further analysis of the spill response issues that will enhance and supplement our existing work, including:

- Reviewing the spill fate and effects modelling to identify sensitive areas for spill response planning;
- Identifying the spill response opportunities and measures to protect the sensitive areas;
- Modelling and assessing the effectiveness of the spill response measures; and
- Assessing the operational practices to avoid spills and spill response planning measures to improve the effectiveness of response.

This work will better inform our understanding of the spill risks, spill behaviour and response measures that are necessary to manage the risks with reasonable confidence. It will also assist in developing the spill response plan for the project with a greater level of confidence.

Field trials will continue in September, with a summary report and update of the contingency plan requiring several more weeks to complete.

## 3. Port Metro Vancouver's tanker risk study

Port Metro Vancouver (PMV) is undertaking a comprehensive review of overall tanker traffic on the South Arm of the Fraser River, the related risks, and the measures to manage the risks safely. The PMV review will assist in giving a broader context to assess the proposed traffic associated with the VAFFC project.

PMV has indicated that the tanker risk study is progressing on time and is expected to be completed by the end of December.

## 4. Project options analysis

We have engaged two consulting firms, Golder Associates and Ausenco-Sandwell, both with extensive marine and environmental engineering experience, to jointly undertake a more detailed comparative analysis of the project alternatives that have attracted the greatest interest from participants during the review of this project. The alternatives to be further studied include:

- an upgrade of the existing system from Burnaby;
- offshore Sea Island terminal options; and
- a North Arm barge facility.

This work will be completed within the EA review phase although it is not part of the EAC Application requirements. VAFFC has undertaken this further background work to respond to requests to provide further clarification on relative merits of other options that VAFFC assessed before it selected the current project.

The current suspension of the EA review was initiated to allow sufficient time to prepare an addendum to the Application covering the Highway 99 pipeline route analysis. We have also used this time to initiate other work that will provide a useful information supplement to support the review of our EAC application. Given the current progress of the various work initiatives, we expect to be able to file

results of this work, with the exception of the Port's tanker risk study, by the end of November 2011. In the interim, to make efficient use of our time, we believe there may be sufficient material results from the WCMRC work to schedule another working group meeting before November. We will report back to you as the WCMRC work nears completion to identify the scheduling opportunities.

I look forward to hearing any feedback from the EAO regarding the supplemental work, the schedule, and the timing of the next working group meeting. I would be pleased to discuss these items with you if you have any questions or concerns.

Sincerely,  
Vancouver Airport Fuel Facilities Corporation

  
Adrian Pollard, P.Eng.  
Project Director

CC: City of Richmond, Mayor & Council  
John Yap, MLA Richmond-Steveston  
Rob Howard, MLA Richmond Centre  
Linda Reid, MLA Richmond East  
Vicki Huntington, MLA Delta South  
Hon. Alice Wong, MP Richmond  
Kerry-Lynne Findlay, MP Delta-Richmond East  
Corporation of Delta, Mayor & Council

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