

Attention: *Mr. Ralph Goodale, MP, Right Honourable Minister for Public Safety, Government of Canada*

c/o Public Safety Canada
Regional Office - British Columbia and Yukon
3292 Production Way Suite 607 Burnaby, BC, V5A 4R4

October 23rd, 2017

Re: Public Safety Risks Associated with the Trans Mountain Tank Farm Expansion Project, Burnaby, BC.

Dear Minister Goodale,

With this letter we hereby formally notify Public Safety Canada of potential hazards related to toxic chemical release, wildfire and resulting catastrophic effect on property and lives in the immediate vicinity of the Burnaby Tank Farm oil storage depot due to the proposed tripling of its storage capacity.

We bring to your attention the following points of concern regarding the Public Safety risks of, and responses to, a serious accident at this location.

Independent expert reports on the project clearly note that the risks to the community are much higher than suggested by the Kinder Morgan commissioned reports.

The detailed and authoritative *Trans Mountain Tank Farm Tactical Risk Analysis* report of May 1st, 2015 by Chris Bowcock, Deputy Fire Chief of the Burnaby Fire Department states:

“Based on the findings of the analysis, the Burnaby Mountain Terminal is not the appropriate location for the expansion of the Burnaby Mountain Terminal as it poses significant constraints from an emergency/fire response perspective, including but not limited to safety of firefighters and effectiveness to combat fire; containment and extinguishment of fire/spill/release; evacuation of employees within the Burnaby Mountain Terminal facility; evacuation of adjacent neighbourhoods, as well as broader areas impacted by release of sulfur based gases and toxic smoke plumes; and, protection of adjacent properties, including conservation lands.”

and

“due to insufficient firefighting deployment positions increases the likelihood of a multiple tank fire (including the potential of having to allow one or several storage tanks to burnout over 2-4 days), toxic smoke plume discharge (including long

term chemical exposure to adjacent communities), and heat discharge to areas outside the facility (including high probability of fire extension to the forest areas of the Burnaby Mountain Conservation Area... would create scenarios where fire containment is not possible.”

In another report, a world’s leading expert in tank farm safety, Dr. Ivan Vince, has reviewed the expansion project and raised the following grave concerns:

“Dr. Vince’s analysis showed that if the tank farm was expanded to include 13 more storage tanks (for a total of 26), the annual risk of such a fire would be one in 2,000. ‘*One in 2,000 sounds like a small chance, but it is much too high under the circumstances*’ said Dr. Vince, who added that British authorities would not approve a proposal like Kinder Morgan’s that lies so close to a residential neighborhood“ quoted in *Globe & Mail*, May 26th, 2015.

These and reports commissioned by Simon Fraser University cast considerable doubt on Kinder Morgan’s commissioned risk assessment which the National Energy Board and Federal Government used to base their approvals. It is completely unacceptable to us, when the consequences are potentially so grave, that Kinder Morgan be allowed to effectively self-regulate on issues of life safety and health relating to our community.

The tank farm is situated on a slope, in a populated and forested area and, furthermore, in an active seismic zone. The risk of rupture of the metal-shelled oil storage tanks is very real in a significant seismic event. Spilled combustible fuel and associated flammable vapours in this location, even when contained in the provided external ponds, would be exposed to many potential sources of combustion nearby. This is not a level of seismic design that is acceptable in this populous community in British Columbia.

We would also like to bring to your attention the fact that Forest Grove Elementary School is within walking distance from the present site. Given the possibility of a catastrophic fire /explosion, release of toxic, lethal fumes or even a spill, the school’s emergency evacuation preparedness plan needs to be reviewed. There are a dozen schools within a relatively short radius of the tank farm.

Furthermore, emergency management issues have not been addressed for SFU and the communities in the area. Currently the only escape route from Simon Fraser University and several neighborhoods runs past the tank farm, effectively trapping people on the mountain in the event of a fire.

The Public Safety Canada Code of Conduct states clearly that the federal agency is to address “natural, **human induced, and technological** hazards” and to coordinate “emergency management activities amongst government, institutions and work in cooperation with provinces and other entities such as first responders, volunteers organizations and communities....supporting a whole-of-

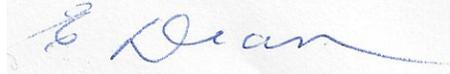
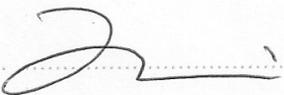
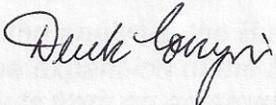
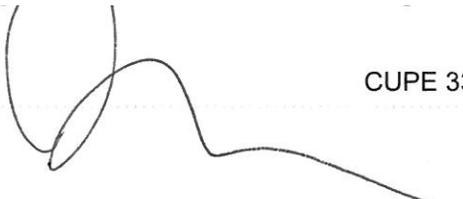
society approach to emergency management”.

In view of the above mandate we urgently request your agency make public:

1. A thorough public safety analysis of Kinder Morgan’s proposed tank farm expansion project.
2. The coordinated emergency response strategy including the Burnaby Fire Department, RCMP and Kinder Morgan for Simon Fraser University and other “High Life Risk Areas” as identified in the Fire Department Risk Analysis.
3. How Public Safety Canada intends to address the various scenarios of fire, explosion, spills and the spread of toxic smoke throughout Metro Vancouver associated with the tank farm expansion and outlined in the Fire Department risk analysis.

Neither the most recently commissioned report by Kinder Morgan nor the NEB Conditions have in any way properly addressed the issues raised above. At this time it is clear, as the Fire Department Risk Analysis states that “*the Burnaby Mountain Terminal is not the appropriate location for the expansion*”. In the interest of Public Safety, we call on your Ministry to cancel the Trans Mountain Tank Farm Expansion project until such a time as it can be made very clear in a publicly documented and impartial manner that the detailed issues described above have been addressed.

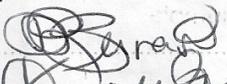
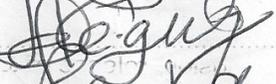
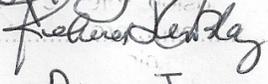
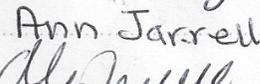
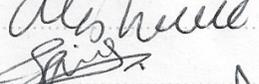
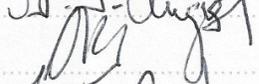
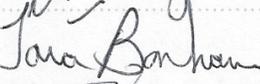
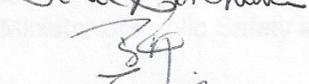
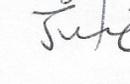
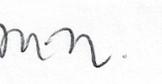
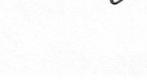
cc. Premier John Horgan
Andrew Weaver, MLA
Mike Farnworth, MLA
Prime Minister Justin Trudeau
Jody Wilson-Raybould MP
Harjit Sajjan MP

Name	Signature	Organization / Community
Burnaby Residents Opposing Kinder Morgan Expansion - (BROKE)		
		Elsie Dean
		Elan Gibson
Frank Bonvino		Burnaby Teachers' Association.
DEREK CORRIGAN		Mayor, City of Burnaby
Dave Chokroun, Vice-President		CUPE 3338, Simon Fraser University

Name	Signature	Organization / Community
Carl Mandy		Teaching Support Staff Union
Elizabeth May		Member of Parliament
Janize Edmonds		North Shore No Pipeline Expansion Society NS NOPE
Andrew Larigakis		350Vancouver.org
Erin Daly		Embark
Executive Director		www.embarksustainability.org
Kazlyn Bonnor		SFU 350

Christine Leclerc		Culture Planet Dogwood Director of organizing Resident of UvicerCity
Sincerely,		
Laura Benson		

JANICE BOBIC		MY FATHER'S GARDEN-PRESERVES AND MORE (LOCAL HOME-BASED BUSINESS)
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Darleen Bernard		Made Ridge/Blay
Jeff Keighley		CAU Retired
Rick Tremblay		300.org
Ann Jarrell		Burnaby, MS - University
Alison Badme		Burnaby, BC
Lion GANGE		Burnaby, B.C.
Gordon August		East Van.
ANNA BERKE		BROICE
TARA BONHAM		Burnaby (North Blay)
Yan Ma		Katsa Japanese Restaurant (NB)
King Sun Dah		Katsa Japanese Restaurant (N. Burnaby)
Mia Nissen		Burnaby, BC Coast Salish Territory

Name	Signature	Organization / Community
Daphne Turner	Daphne Turner	North Burnaby.
Bronnan Wilson	B Wilson	New Westminister
Bonnie Cheung	B Cheung	Vancouver.
Reham el-Goraiicy	Reham el-Goraiicy	Coquitlam
Steven Tang	S Tang	North Burnaby
J. Harris	J Harris	North Burnaby
A. Mikelberg	A Mikelberg	North Burnaby
Robert Rose	Robert Rose	Vancouver
MOIRA COLBOURNE	M. Colbourne	Burnaby B.C.
Lauren Matthews	L Matthews	Burnaby (Greentree)
Roslyn Hart	Roslyn Hart	North Burnaby
Steven McElain	S McElain	Burnaby
Aeden McClain	Aeden McClain	Burnaby
JENNIFER RODRIGUES	J Rodrigues	BURNABY.
VLANAN VITKOVIC	V Vitkovic	BURNABY (STONE CREEK)
DRAGANA VIDALOVIC	D. Vidalic	BURNABY (—)
DANA HUGVARA	D Hugvar	GREENTREE VILLAGE, BURNABY
Rafael Elias	R Elias	Burnaby
Amira Valladares	A Valladares	
SUSANNE JACKSON	Susanne Jackson	CAPITAL HILL, N. BURNABY
ELAN GIBSON	E Gibson	Capital Hill West N Burnaby
Ann Mayo	A Mayo	BROKE, COQUITLAM, BC
Martin Gnoi	M Gnoi	Metro Town South Burnaby
Wanda Giacomini	W Giacomini	West Deer Lake
Adam Hall	A Hall	Richmond BC
MARGARET STEVEN	M Margaret Steven	Melrose Burnaby
Debbie + John	John Cameron	North Burnaby.
J. Johnston	J Johnston	"
Douglas Matiation	D Matiation	N. Bby.

Name	Signature	Organization / Community
SANDY MCINTOSH		RICHMOND, BC.
Margaret Schulz		Burnaby, BC
Ahmed Emam		Burnaby, BC
DANIELLE RULENS		BURNABY BC } FOREST GROVE
COLIN KIM		BURNABY BC. } DEEP LAKE
DAVID MALCOLM		BURNABY BC } Deer Lake
Linda Malcolm		Burnaby, BC } Deer Lake
John YOUNG		Burnaby, BC } Deer Lake
Andrew		Burnaby BC } CUTTING to: Duthie
April Ramsay		Edgar, B.C.
Elin McEnaney		BC, B.C.
Sue McKenney		Burnaby, BC
M. LEVANSO		" "
DESMOND SHARP		Lakes Bby B.C.
Liz Stockwell		Burnaby (SFU area)
Ruth B Roberts		Burnaby (Metrotown area)
Carrie McLaren		Burnaby, BC (axados)
Richard Aaron		Burnaby, BC.
Roni Bame		Burnaby BC.
Katie Rodgers		No Burnaby, BC.
Rose Hoffmann		Burnaby - CAPITOL Hill
Chika Chan		Port Coquitlam
Adam Chan		Port Coquitlam
V. A. Kwok		Burnaby
Pat Paragas		Burnaby
Chanjuan Wang		Burnaby
OLWIA PINEDA		NEW WESTMINSTER
Alphonsine Shamavu		Burnaby
Stacy Frazao		Burnaby (Moscrop)
Yolanda Kyph		SURREY BC.
Ashley Frazao		Burnaby

Name	Signature	Organization / Community
ROSALIE NYBERG		BROKE
Anne McDonald		E. Vancouver
Callen Clarke		UniverCity (SFU)
TUNG LE . 3085 RENFREW, ST. VAN. BC V5M 3K2		
Thomas Moyer		Burnaby.
THOMAS DAVIES		BURNABY CLIMATE CONVERGENCE
Katrina Gorrie		Maple Ridge, BC
Jessi Zapton		East Van
Krystul Smith		Burnaby
A. Donna Cortez		North Burnaby
FAY GALLOWAY		Vancouver, B.C.
Peter McCarty		Vancouver
Patricia McClung		North Vancouver, B.C.
Rob Dainow		New Westminster, B.C.
PINA VIOLE		BROKE
THOMAS CHAN		BURNABY
JUANITA SIEBERT		Port Moody
Barbara Karmazyn		Burnaby Resident
AVIVA MARTIN		Vancouver Resident
Linda Rosenhock		Vancouver "
Ljilid Al		
Ruth Nyman		RUTH NYMAN Vancouver, Reside
Pat Scameton		BURNABY RESIDENT
Jenna Leclair		Burnaby Resident

Name	Signature	Organization / Community
ALAN HART Rose Marie Preston		N. Burnaby Bky
JUDY schaeffers		COQUITLAM BC ← Rose Marie Preston
Tina Ekengren		8928 Ganymede Pl Bby B.C.
Pat Lodge		V5A-4H2 / ^{Duffin} Halifax
Donna Mulder		V5B-2T2 / Parkerest.
Kathleen Langstroth KIA COLLINGE J DUNPAS TERESA SWITZER	 	109 Third Ave N.W. LORDSBURG, B.C. Burnaby BC BURNABY FARMERS Market BURNABY SOUTH
Benjamin Nelson Paraluman Bauer Penela Leung Leona Waterhouse Alexander Stark	 	Forest Brook Woodhurst Dr. Burnaby 4919 DUNSMuir St, Burnaby 8267-15th St. Surrey New Westminster
Sally Iverson Lorne Iverson	 	7950 Hunter St. 7950 Hunter St Bky. B.C. Bky BC V5A2B9
Louise Gartland		6856 Humphreys St Bky BC V5E3J1
Natalie Cole		5280 Hastings St Bky BC V5B1R1.

Please reply to:

Burnaby Teachers' Association
 CUPE 3338 (SFU)
 Teaching Support Staff Union (SFU)
 Mayor of Burnaby
 BROKE
 North Shore Nope
 Embark (SFU)
 SFU 350
 Dogwood
 Culture Planet
 350Vancouver
 House of Commons
 House of Commons

Frank Bovino
 Dave Chokruan
 Carl Mandy
 Derek Corrigan
 Elsie Dean
 Janice Edmonds
 Erin Daly
 Kazlyn Bonnor
 Laura Benson
 Christine Leclerc
 Andrew Larigakis
 Elizabeth May MP
 Kennedy Stewart MP

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HOUSE OF COMMONS
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Kennedy 肯尼迪
Stewart

Member of Parliament
Burnaby South

Kennedy.Stewart@parl.gc.ca
<http://kennedystewart.ndp.ca>

***Together
we can make
Burnaby
even better!***



House of Commons
Ottawa, Ontario
Canada K1A 0A6

August 1, 2017

Dear Minister Goodale,

Please find attached an important letter from local residents opposed to the Kinder Morgan pipeline and associated facilities. In particular, residents are concerned about expanding the Tank Farm on Burnaby Mountain. The evidence they present suggests this expansion endangers the local community and, as such, that you should reverse the Liberal government's decision to approve Kinder Morgan's Trans Mountain Pipeline Expansion application. I urge you to heed these concerns cancel this project.

Sincerely,

Kennedy Stewart, MP
Burnaby South