

MINISTRY PROFILE

Ministry: Natural Gas Development and Minister Responsible for Housing

Ministry Mandate: The purpose of the Ministry of Natural Gas Development and Minister Responsible for Housing is twofold:

1. To guide responsible development and ensure maximum economic benefits to British Columbians from the province's natural gas resources, new export markets related to interprovincial pipelines, oil projects and value-added natural gas products, and the province's next new major industrial sector—that of liquefied natural gas (LNG); and
2. To provide British Columbians with access to safe, affordable and appropriate housing through policy and programs, technical codes and standards, and services for landlords and tenants.

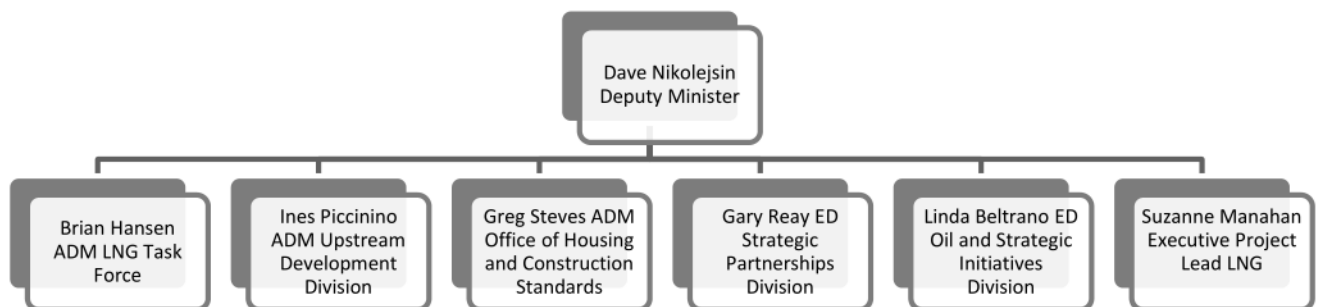
The Ministry's stakeholders are the citizens of B.C. and their representatives at all levels of government, First Nations, community groups, non-profit societies, schools, service organizations, private sector companies, project proponents, and environmental and industry associations. Key to the Ministry's success is its ability to maintain strong, collaborative relationships with stakeholders, partner agencies and other levels of government.

The Ministry is responsible for two Crown Corporations, the BC Housing Management Commission and the Oil and Gas Commission.

Budget: \$458,211,000 (2017/18 estimates)

Full Time Equivalents (FTEs): 223 (Includes Minister's Office)

Executive Organizational Chart:





ISSUE NOTE

Issue:

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Background:

- Since March 2014, MNGD has an internal policy to no longer sell PNG crown rights within 5km of BC Hydro dams
- There is existing oil and gas tenure with significant resource potential within 5 km of the Site C Dam
- Concerns have been raised regarding the impacts of induced seismicity on BC Hydro's dam infrastructure (existing and under construction (Site C))
- There's evidence that hydraulic fracturing and deep well water disposal can induce seismic events although characteristics of event are very dependent on the rock formation
- Incomplete information and the unpredictable nature of seismic events make definitive pronouncements difficult
- The science is not sufficiently developed to allow the accurate prediction of event time, location or magnitude associated with induced seismicity.
- No induced events have resulted in damage to dams, buildings, or other infrastructure in proximity to these dams to date
- The 5 km buffer zone on tenure sales which was put in place as a policy measure in 2014 does not preclude activity from happening
- The BC Oil & Gas Commission (Commission) attached unique permit conditions to new applications (as of January 2017) within the 5 km buffer zones requiring notification and allowing for accommodation between Permit holders and BC Hydro (as requested by BC Hydro)
- It is probable that hydraulic fracturing near the Site C dam during construction will induce seismic events – some of which would almost certainly be felt
- BC Hydro is concerned about the safety and integrity of the coffer dams during construction of the larger dam from an induced seismic event.

Decision required:

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DAVE NIKOLEJSIN DEPUTY MINISTER OF NATURAL GAS DEVELOPMENT BIOGRAPHY



Dave was appointed the Deputy Minister of the Ministry of Natural Gas Development on September 15, 2015. The Ministry of Natural Gas Development is the key provincial Ministry to guide responsible development and ensure maximum economic benefits to British Columbians from the province's natural gas resources, new export markets related to interprovincial pipelines, oil projects and value-added natural gas products, and the province's next new major industrial sector—that of liquefied natural gas (LNG); and as the Ministry Responsible for Housing provides British Columbians with access to safe, affordable and appropriate housing through policy and programs, technical codes and standards, and services for landlords and tenants.

Previous to his current role Dave was the Deputy Minister of the Ministry of Energy and Mines, and was the Associate Deputy Minister of the Environmental Assessment Office in 2012. In July 2005, Dave was appointed as Chief Information Officer for the Province of British Columbia and was appointed Associate Deputy Minister in October 2010.

Dave has a strong technical background, and spent nearly 20 years working in management positions with progressively more responsibility, both in the B.C. government and with SaskTel in Regina, Saskatchewan. He is also Chair of the Digital Identity and Authentication Council of Canada.

BRIAN HANSEN ADM LNG TASK FORCE BIOGRAPHY



Brian Hansen currently holds the position of Assistant Deputy Minister and Lead Negotiator, Energy and LNG Initiatives for the Ministry of Natural Gas Development. Brian brings to the ministry a vast amount of experience working as a career public servant and has spent most of his professional life in senior posts in Saskatchewan in the commercial crown sector and executive government, including executive assignments in the private and not-for-profit sector. He is particularly proud of his leadership in the commercial crown sector where he was instrumental in the establishment of a major national resource – the Canadian Light Source Synchrotron in Saskatoon – the largest science project at the time in Canada.

Brian joined the British Columbia public service in 2006 with the Ministry of Labour and Citizens' Services assigned to various eHealth platform negotiations. In 2007 Brian was the Chief Negotiator for BC's successful negotiations with Canada for the new labour market agreements. He also led the project team that developed the Asia Pacific business and economic models that will support new initiatives designed to increase BC's trade, investment and the attraction of skilled workers. He also led the negotiations with Canada that secured the federal financial commitment to the Northwest Transmission Line (NWT) under the Green Infrastructure Program. Brian also led the negotiating teams that finalized the agreements with AltaGas for their Forest Kerr, Volcano Creek and McLymont Creek projects for these power generation projects that will connect to the NWT; and, the negotiating work that supported the expansion of the Waneta Dam.

He currently leads the LNG Task Force in the Ministry of Natural Gas Development and led successful negotiations on energy supply and infrastructure contributions with several larger LNG projects, including LNG Canada's project. He continues to support the engagement with the LNG industry proponents on the Project Development Agreements intended to provide longer term cost certainty following final investment decisions. Brian also led the team advancing consultations with industry for the new LNG income taxation framework in support of British Columbia's global competitive position.

SUZANNE MANAHAN EXECUTIVE PROJECT LEAD LNG BIOGRAPHY



Suzanne Manahan currently holds the position of Executive Project Lead reporting to the Deputy Minister of Natural Gas Development (MNGD). In this position Suzanne leads the integrated proponent/cross government teams on all strategic and operational priorities with a focus on projects that have achieved a Final Investment Decision.

Suzanne's previous position was Executive Director, LNG Task Force, in which she played an instrumental role in leading a multidisciplinary team responsible for all aspects of a new, emerging industry including international investment attraction, working closely with industry on major projects, policy and fiscal framework management and the integrated project management between BC's regulatory agencies and project proponents.

Suzanne has been a Project Management Professional (PMP) since 2005 and brings to the ministry extensive experience working as a career public servant for over 27 years. She has held progressively more strategic roles at the executive-level with the Ministries of Natural Gas, Energy Mines, Advanced Education, Small Business, Technology and Economic Development as well as experience with the Ministry of Attorney General and Ministry of Aboriginal Relations.

In addition to her PMP designation, Suzanne has attended the Sauder School of Business with the University of British Columbia Strategic Leadership Program and Ryerson's Chief Information Officer Leadership Development program.

LIQUEFIED NATURAL GAS TASK FORCE

ADM Responsible: Brian Hansen

Core Business/ Program Area Description/Critical Business Processes

In November 2011, the LNG Task Force was established to foster the development and growth of the liquefied natural gas (LNG) industry in B.C. The LNG Task Force is the first point of contact and engagement with LNG proponents, LNG customer representative countries, and joint venture and investment interests. The LNG Task Force provides the strategic framework to Ministries and Crown agencies to ensure policies, programs and decisions support the establishment of a thriving, competitive LNG industry that is environmentally and socially responsible. The LNG Task Force provides support in the following areas:

- Negotiations – reviews and provides endorsement of negotiating strategies with LNG proponents on energy supply, infrastructure contributions and taxation regime.
- Energy Supply and Pricing Interconnection – working with BC Hydro to negotiate power supply pricing and transmission infrastructure requirements with LNG proponents.
- International Investment Attraction – helping investors, both domestically and abroad, discover how B.C.'s natural gas sector is globally competitive by participating in international industry events, hosting an annual International LNG in B.C. Conference and embarking on trade missions throughout the Asia-Pacific region.
- Domestic Energy Literacy and Outreach- developing, promoting and delivering energy literacy education and outreach programs to help citizens understand what LNG is, how it will be developed and how they can prepare to make the most of the opportunities it will bring to individuals and communities across the Province.
- Taxation Framework – working with the Ministry of Finance on the continued refinement of taxation design related to the LNG industry.
- Land Use Planning – working with various Ministries on land use planning issues related to LNG development including integrated road, rail, pipelines, utility corridors, water lot and other key requirements.
- Economic and Market Analysis – ongoing LNG and Natural Gas market analysis and pricing forecasts to support critical modelling of capital and operation expenditures and input and off take pricing assumptions.
- Climate Leadership – Support of climate modelling and analysis and policy options for managing greenhouse gases associated with LNG production and throughout the full value chain.
- Federal/Provincial Engagement – Federal/Provincial engagement and Municipal socio-economic planning and agency coordination.
- Marine Traffic and Safety – work with various governments and agencies supporting port governance, policy and marine safety specific to LNG activities.

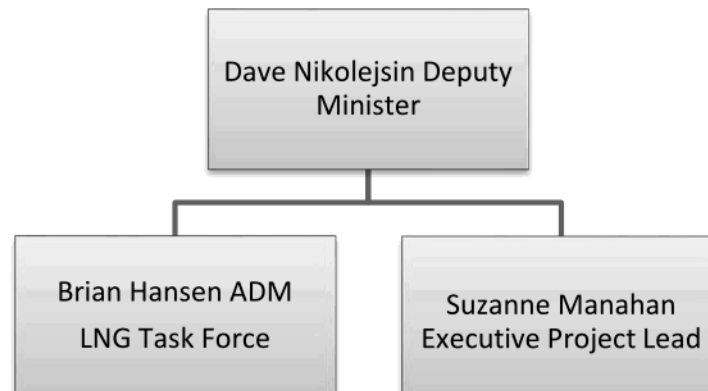
- Regulatory Mapping – ensuring streamlined regulatory and permitting processes and efficient and integrated federal/provincial Environmental Assessment processes.

Budget: \$ 6,345,000 (2017/18 estimates)

Full Time Equivalents (FTEs): 20

Related Legislation: None

Organizational Chart:



BRIEFING NOTE CROWN CORPORATIONS

Name: B.C. Oil and Gas Commission

Mandate:

Under the *Oil and Gas Activities Act*, the Commission is the provincial, single-window regulatory agency with responsibilities for overseeing oil and gas operations in British Columbia, including exploration, development, pipeline transportation and reclamation. The Commission is also responsible for overseeing operations related to LNG and secondary processing of natural gas.

Financial Information (high level):

Total revenue from operations: \$ 50.94 million (2016/17 forecast)

Total expenses from operations: \$ 44.95 million (2016/17 forecast)

Net surplus from operations: \$ 5.99 million (2016/17 forecast)

Issue(s):

- **30 day issue:** Permit decisions on provincial portions of Trans Mountain Kinder Morgan Expansion Project (from Commission, MOTI, other ministries) expected by July 15.
- **90 day issue:** OGC will need to work with producers to determine the likely scale and impact of the orphan well issue in Northwest BC.

Appointment Status:

- No Board appointments are required within 30/60/90 days

ISSUE NOTE

Issue:

- Pacific Northwest LNG Project (PNW LNG) considering moving key projects elements off of Lelu Island and Flora bank.

Background:

- Petronas and project partners have received key regulatory approvals to build the PNWLNG facility and marine terminal on Lelu Island near Prince Rupert, and they are reviewing project costs and options before making a final investment decision.

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- PNWLNG has been exploring an option of changing the location of the marine terminal, LNG storage tanks and associated infrastructure to Ridley Island within the Prince Rupert Port.
- The Coast Tsimshian (Lax Kw'alaams and Metlakatla First Nations), supported by the Province, have been leading a collaborative Relocation Steering Committee with the participation of the Port, PNW LNG and the Province to facilitate a potential move of the terminal to Ridley Island.
- The move could avoid building a suspension bridge and terminal jetty over Flora Bank (a s.21 and could reduce the level of environmental and aboriginal conflict associated with the terminal.
- The Coast Tsimshian have completed unprecedented benefit agreements with PNW LNG and with the Province. The Coast Tsimshian have become significant advocates for the project, which would provide extraordinary economic and social opportunities for their communities. The Province has also completed LNG benefit agreements with the Kitselas and Gitgaat First Nations.
- The federal and provincial environmental assessment agencies have proposed in writing (in draft) to PNW LNG a joint, coordinated assessment process for potential project modifications, which would include a common aboriginal consultation plan.
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- Petronas and project partners still need to meet and determine if they will seek further project development funding from the partners s.21 to pursue the environmental assessment approvals, geotechnical investigations and a new front-end engineering and design (FEED) to make any revised project possible.

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- The total investment plan previously associated with PNW LNG was approximately \$36 billion (including upstream gas assets, gas pipeline and LNG facility). It would be the largest capital investment in B.C.'s history.
- The Province completed a Project Development Agreement (PDA) with PNW LNG, which provides certainty that the project will not face significant increases in certain specific taxes and environmental charges under provincial control for the term of the agreement. The PDA does not provide the proponent with assurance on laws of general application, such as changes to Provincial Sales Tax or Corporate Income Tax.
- Key to the Coast Tsimshian being able to complete their LNG benefit agreements with the Province and PNW LNG, and to support the federal environmental assessment decision, was to negotiate with the Province and Canada an unprecedented Environmental Monitoring Agreement in relation to the project. The Agreement sets out an oversight structure involving advisory committees at senior and technical levels, and it enables Coast Tsimshian participation in regulatory and compliance monitoring activities.
- The Province and Canada have also completed a similar environmental agreement with another group of Tsimshian Nations in the Prince Rupert area (Kitselas, Kitsumkalum, Gitgaat and Gitxaala).

Project Table

Proponent	PETRONAS (62%), JAPEX (10%), PetroleumBRUNEI (3%), Indian Oil (10%), Sinopec (10%), Huadian (5%)
Proposed Size	18 MTPA
Export Licence	Approved – 40 years
Pipeline	Prince Rupert Gas Transmission (TransCanada)
Estimated Investment	\$11+ billion (facility only)
Jobs	Construction: up to 4,500 Operation: up to 330 local, 130 at Vancouver office

ISSUE NOTE

Issue:

- Kitimat LNG (KLNG) s.13,s.21

Background:

- Chevron and Woodside have received key regulatory approvals to build the KLNG facility and marine terminal at Bish Cove near Kitimat.

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Proponent	Chevron (50%), Woodside (50%)
Location	Bish Cove (Kitimat)
Proposed Size - CONFIDENTIAL	
Export Licence	s.21
Environmental Assessment	Federal and Provincial approvals completed
Pipeline	Pacific Trail Pipeline
Estimated Investment - CONFIDENTIAL	s.21
Jobs	

- In 2008, the federal Cabinet approved an environmental assessment of KLNG and the project was issued an Environmental Assessment Certificate from the Province in 2009.
- Woodside successfully completed the acquisition of Apache's portion of the KLNG project in April, 2015.
- On September 4, 2015, the EAO ruled that the project has been "substantially started".
- On December 21, 2016, the EAO ruled that the Pacific Trail Pipeline project has been "substantially started" and that the environmental certificate will remain in effect for the life of the project.

- On December 5, 2016, representatives from KLNG made a presentation to the Kitimat municipal council where they stated that construction of the facility could begin by 2020, and that the project would require between four and five year build.
- The project is in the pre-application phase for a LNG Facility Permit from the Oil and Gas Commission.

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Ministry of Natural Gas Development - Key Stakeholders

Branc	Organization	Contact	Description	Key Issues	Address
OHCS	Building Officials Association of BC (BOABC)	Contact Name: Manjit S. Sohi Title: President Phone: (604) 832-1994 Email: president@bpabc.org	BOABC is an association of about 700 local government building officials and others involved in building design, construction, testing and research. BOABC members inspect and monitor compliance to the BC Building Code. BOABC and the Building and Safety Standards Branch signed an Administrative Agreement in February 2017.	• Government Buildings • Building design, construction, testing and research • Inspection and monitoring of compliance to the BC Building Code	Mailing address: Suite 145 - 10451 Shellbridge Way Richmond, BC V6X 2W8

Branc	Organization	Contact	Description	Key Issues	Address
OHCS	Canadian Home Builders Association of BC	Contact Name: Neil Moody Title: Executive Director Phone: 604-432-7112 Email: info@chbabbc.org	The Canadian Home Builders' Association represents more than 8,500 member firms in residential construction across Canada, including more than 1,600 CHBA BC members. CHBA BC members represent every area of Canada's housing industry - home builders and renovators, land developers, trade contractors, product and material manufacturers, building product suppliers, lending institutions, insurance providers, service professionals and others.	• Residential construction • Housing industry	Mailing address: BCIT Campus Bldg. NW 5 3700 Willingdon Avenue Burnaby, BC V5G 3H2

Branc	Organization	Contact	Description	Key Issues	Address
OHCS	Condominium Home Owners Association (CHOA)	Contact Name: Tony Gioventu Title: Executive Director Phone: 604-584-2462 ext. 1 Email: tony@choa.bc.ca	CHOA is a non-profit association that promotes the understanding of strata property living and the interests of strata property owners by providing advisory services, education, advocacy, publications and resources, and support for its members. CHOA membership includes strata corporations, individual owners, businesses that serve the strata industry, strata related associations and governmental agencies from across British Columbia.	• Strata property living • Strata advisory services, education, advocacy, publications and resources	Mailing address: Suite 222, 1175 Cook Street Victoria, BC V8V 4A1

Branc	Organization	Contact	Description	Key Issues	Address
OHCS	Landlord BC	Contact Name: David Hutniak Title: CEO Phone: 604-733-9440 ext. 202 Email: davidh@landlordbc.ca	Landlord BC is an industry association for rental property owners and managers in British Columbia. It has over 3,300 members who provide all manner of rental properties, including purpose-built rental, secondary suites, and investment properties. It provides its members with education, resources, and support and advocates for landlords in BC.	• Rental property issues from the landlord's perspective • Landlord advocacy	Mailing address: 830B Pembroke Street Victoria, BC V8T 1J9
OHCS	Tenant Resource & Advocacy Centre (TRAC)	Contact Name: Andrew Sakamoto Title: Executive Director Phone: 604-255-3099 ext. 222 Email: Andrew@tenants.bc.ca	The Tenant Resource & Advocacy Centre provides research, information, education, and support on residential tenancy matters for the purpose of promoting the legal protection of tenants in British Columbia.	• Rental property issues from the tenant's perspective • Legal protection of tenants	Mailing address: Andrew@tenants.bc.ca

Branc	Organization	Contact	Description	Key Issues	Address
OHCS	Urban Development Institute (UDI)	Contact Name: Ann McMullin Title: President and CEO Phone: 604-661-3030 Email: amcmullin@udi.org	The Urban Development Institute is a national non-profit association of the development industry and its related professions that is non-partisan in its activities. With over 600 corporate members, UDI Pacific represents thousands of individuals involved in all facets of land development and planning, including: developers, property managers, financial lenders, lawyers, engineers, planners, architects, appraisers, real estate professionals, local governments and government agencies.	The urban land development industry and its related professions	Mailing address: 101-727 Fisgard Street Victoria, BC V8W 1R8

Branc	Organization	Contact	Description	Key Issues	Address
UDD SPD OSID	Canadian Association of Petroleum Producers	Contact Name: Geoff Morrison Title: BC Manager Phone: 778-410-5040 Email: geoff.morrison@capp.ca	The Canadian Association of Petroleum Producers (CAPP) represents companies, large and small, that explore for, develop and produce natural gas and crude oil throughout Canada. CAPP's member companies produce about 85 per cent of Canada's natural gas and crude oil. CAPP's associate members provide a wide range of services that support the upstream crude oil and natural gas industry. Together CAPP's members and associate members are an important part of a national industry with revenues from crude oil and natural gas production of about \$120 billion a year. CAPP's mission, on behalf of the Canadian upstream crude oil and natural gas industry, is to advocate for and enable economic competitiveness and safe, environmentally and socially responsible performance.	• The development and production of natural gas and crude oil throughout Canada • Economic competitiveness • Safe, environmentally and socially responsible performance	Mailing address: 360B Harbour Road Victoria, BC V9A 3S1

Branc	Organization	Contact	Description	Key Issues	Address
UDD SPD OSID	Canadian Energy Pipeline Association	Contact Name: Rob Beamish Title: Executive Director Phone: 403-221-8776 Email: rbeamish@cepa.com	CEPA represents Canada's transmission pipeline companies who operate approximately 119,000 kilometers of pipeline in Canada and 14,000 kilometers in the United States. CEPA members move approximately 1.2 billion barrels of liquid petroleum products and 5.4 trillion cubic feet of natural gas each year. In fact, 97 per cent of Canada's daily crude oil and natural gas is moved from producing regions to markets throughout North America by CEPA members.	Canadian oil and gas pipeline projects	Mailing address: 1110, 505 – 3rd Street SW Calgary, AB T2P 3E6

Branc	Organization	Contact	Description	Key Issues	Address
UDD	Peace River Regional District	Contact Name: Chris Cvik Title: CAO Phone: 250-784-3208 Email: chris.cvik@prrd.bc.ca	The Peace River Regional District (PRRD) was established in 1987 when the lands formerly included in the Peace River-Liard Regional District were divided into two regional districts. The PRRD encompasses approximately twelve million hectares (120,000 square kilometers), includes serves a population of 58,264 that resides in seven incorporated municipalities and four rural electoral areas. The PRRD is home to a significant number of natural gas plays.	Peace River region natural gas projects	Mailing address: PO Box 810 Dawson Creek, BC V1G 4H8

Branc	Organization	Contact	Description	Key Issues	Address
OSID	Kinder Morgan Canada	Contact Name: Mark Reder Title: Consultant/General Manager at FleishmanHillard Phone: Consultant/General Manager at FleishmanHillard Email: mark.reder@fleishman.ca	Kinder Morgan Canada operates a number of pipeline systems and terminal facilities including the Trans Mountain pipeline, the Cochin pipeline, the Puget Sound and the Trans Mountain Jet Fuel pipelines, the Westridge marine and Vancouver Wharves terminals in British Columbia as well as various terminal and crude oil loading facilities in Edmonton, Alberta. Trans Mountain currently transports approximately 300,000 barrels per day (bpd) of crude oil and refined petroleum products from the oil sands in Alberta to Vancouver, British Columbia and Washington State. On November 29, 2016, the Government of Canada granted approval for the \$6.8 billion Trans Mountain Expansion Project, which will increase the nominal capacity of the system to 890,000 bpd. The expanded pipeline is expected to be completed in 2019.	BC and Alberta pipeline and terminal facility projects	Mailing address: 1001 Louisiana St, Suite 1000 Houston, TX 77002

Branc	Organization	Contact	Description	Key Issues	Address
LNGTF SPD	BC LNG Alliance (BCLNGA)	Contact Name: David Keane Title: President Phone: 778-379-7644 Email: david.keane@bclnga.ca	The BC LNG Alliance is the voice of British Columbia's new LNG export industry. Formed in the spring of 2014, the members of the BC LNG Alliance include: Kitimat LNG (Chevron Canada and Woodside Petroleum) LNG Canada (Shell Canada Energy, PetroChina, KOGAS and Mitsubishi Corporation) Pacific NorthWest LNG (PETRONAS, JAPEX, Indian Oil Corporation, Sinopec and PetroleumBRUNEI) Prince Rupert LNG (BG Canada) Triton LNG (AltaGas and Idemitsu Canada) Woodfibre LNG WCC LNG (ExxonMobil and Imperial) Fortis BC	Provincial exportation of Liquid Natural Gas	Mailing address: david.keane@bclnga.ca

Branc	Organization	Contact	Description	Key Issues	Address
LNGTF SPD	First Nations LNG Alliance (FNLNGA)	Contact Name: Amanda Munro Title: Strategic Director, Public relations Phone: 604-360-3994 Email: Amanda@munrothompson.com	The First Nations LNG Alliance represents a collective of First Nations who are participating in, and supportive of, sustainable LNG development in BC. The Alliance was formed to provide education and information to First Nations around the Province as they consider economic and resource development opportunities with respect to LNG projects in their territories.	• Sustainable Liquid Natural Gas development • First Nations engagement in the Liquid Natural Gas Industry	Mailing address: Amanda@munrothompson.com
LNGTF	Canadian Gas Association (CGA)	Contact Name: Paula Dunlop Title: Director, Public Affairs and Strategy Phone: 613-748-0057 Email: pdunlop@cga.ca	The Canadian Gas Association (CGA) is the voice of Canada's natural gas distribution industry with members including natural gas distribution companies, transmission companies, equipment manufacturers and other service providers.	• Natural Gas distribution and contributing industries	Mailing address: 350 Albert Street, Suite 1220 Ottawa, ON K1R 1A4
LNGTF	Pacific NorthWest LNG	Contact Name: Tessa Gill Title: Head, Stakeholder Relations, PNW LNG Phone: 778 372-4707 Email: tgill@pnwlng.com	PETRONAS and project partners (PETRONAS (62%), JAPEX (10%), PetroleumBRUNEI (3%), Indian Oil (10%), Sinopec (10%), and Huadian (5%)) are proposing an 18 MTPA LNG facility and marine terminal on Lelu Island near Prince Rupert.	• Natural gas liquefaction and export facilities in northern BC	Mailing address: Suite 2500 - 666 Burrard Street Vancouver, BC V6C 2X8

Branc	Organization	Contact	Description	Key Issues	Address
LNGTF	Woodfibre LNG	Contact Name: Byng Giraud Title: VP, Corporate Affairs Phone: 778-233-6449 Email: byng_giraud@wing.ca	Woodfibre LNG is owned and operated by Woodfibre LNG Limited a subsidiary of Pacific Oil and Gas Limited (a part of the Singapore based RGE group of companies). The project is proposing to build a 2.1 MTPA export facility located near Squamish.	Provincial oil and gas exportation	Mailing address: PO Box 280 Squamish, BC V8B 0A3
LNGTF	LNG Canada	Contact Name: Jared Kuehl Title: Deputy Head Government Relations, Shell Phone: 604-349-2847 Email: jared.kuehl@shell.com	LNG Canada partners Shell (50%), KOGAS (15%), Mitsubishi (15%), PetroChina (20%) are proposing to build and operate a LNG facility and marine terminal on the former Methanex site in Kitimat.	Provincial exportation of Liquid Natural Gas	Mailing address: Suite 3113, Three Bentall Centre 595 Burrard Street, PO Box 49162 Vancouver, BC V7X 1J1
LNGTF	Kitimat LNG	Contact Name: Rod Maier Title: Manager, External Relations and Communications Phone: (403) 234-5433 Email: rodmaier@chevron.com	Partners Chevron (50%), Woodside (50%) are proposing to build a LNG facility and Marine terminal at Bish Cove near Kitimat.	Provincial exportation of Liquid Natural Gas	Mailing Address: 500-Fifth Avenue S.W. Calgary, Alberta T2P 0L7

GREG STEVES ADM OFFICE OF HOUSING AND CONSTRUCTION STANDARDS BIOGRAPHY



Greg Steves was appointed Assistant Deputy Minister for the Office of Housing and Construction Standards (OHCS) in June of 2016. He oversees the area of government responsible for:

- ensuring all British Columbians have access to safe, affordable and appropriate housing through policy and programs, technical codes and standards, and services for landlords and tenants.
- providing oversight and governance for BC Housing to ensure provincial housing goals are achieved
- liaising with the BC Safety Authority to ensure successful provincial public safety outcomes.

Greg Steves joined the provincial government in 2000 after completing his graduate studies in City Planning at the University of Manitoba. He also has a Bachelor of Arts (Geography) and Certificate in Urban Studies, both from Simon Fraser University.

Greg spent his 17 years in government working in different capacities in housing policy and real estate. For three of those years, Greg worked on real estate projects for the then Ministry of Citizen Services. The balance of his career has been spent with the Office of Housing and Construction Standards.

Prior to his current role, Greg was Executive Director of the Residential Tenancy Branch where he was instrumental in advancing business transformation initiatives. Previously, Greg spent five years as the Executive Director of the Housing Policy Branch where he was responsible for the provincial housing strategy, Housing Matters BC.

Greg has an extensive background in the housing sector and has been called upon to lead cross-government initiatives when a strategic, results oriented focus is needed.

OFFICE OF HOUSING AND CONSTRUCTION STANDARDS

ADM Responsible: Greg Steves

Core Business/ Program Area Description/Critical Business Processes:

The responsibilities of the Office of Housing and Construction Standards (OHCS) touch all British Columbians through the universal need for shelter. Our work affects a large segment of our economy including construction, mortgages, real estate, strata corporations, renovations, rental housing and subsidized housing. We strive to ensure that British Columbians have access to safe, affordable and appropriate housing through market and non-market housing policy and programs, building and safety policy, development of technical codes and standards, and services for landlords and tenants. Our stakeholders are the citizens of British Columbia, federal government, local governments, First Nations, community groups, non-profit societies, service organizations, businesses and industry associations. Key to our success is our ability to maintain strong, collaborative relationships with stakeholders, partner agencies and other levels of government.

OHCS has three branches: Building and Safety Standards – policy and technical analysis leading to the development of the BC Building, Plumbing and Fire Codes; management of the provincial governance model for the building regulatory system and safety of technical equipment and systems, including adoption of codes and standards and liaison with the BC Safety Authority to continuously improve technical systems; responsible for home warranty insurance regulations; and climate leadership initiatives pertaining to buildings.

Residential Tenancy – provides front-line services for all of BC to landlords and tenants in order to support successful tenancies. This includes education about landlord and tenant responsibilities and formal dispute resolution. Housing Policy – policy development for homelessness, supportive housing, affordability for renters and owners; strata properties and Aboriginal housing; intergovernmental relations; liaison with BC Housing and it's approximately \$1 billion in assets.

Budget: \$ 421,144,000 (2017/18 estimates)

Full Time Equivalents (FTEs): 141

Related Legislation:

Assistance to Shelter Act

Building Act

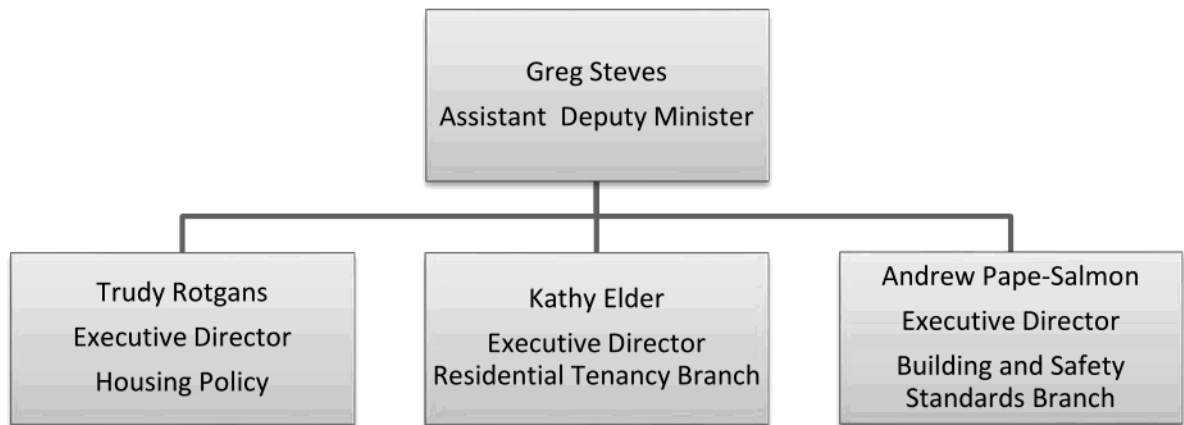
Building Officials Association Act

Commercial Tenancy Act

Community Charter (Section 9 in relation to buildings and structures)

Fire Services Act (Section 47 (2) g and (h))
Homeowner Protection Act (except Part 9)
Manufactured Home Park Tenancy Act
Ministry of Lands, Parks and Housing Act (Sections 5(c), 8.1 and 10)
Rent Distress Act
Residential Tenancy Act
Safety Authority Act
Safety Standards Act
Strata Property Act
Special Accounts Appropriation and Control Act (Sections 9.3[Housing Fund])

Organizational Chart:



BRIEFING NOTE

CROWN AGENCIES

Name: British Columbia Safety Authority

Legislative Authority:

Safety Authority Act, SBC 2013, Chapter 38

Mandate:

British Columbia Safety Authority (BCSA) is a statutory, not-for-profit corporation. It operates as an independent, fee for service organization mandated to oversee the safe installation and operation of technical systems and equipment in British Columbia. BCSA is not an agent of government and operates outside the government reporting entity.

Although the Province retains all legislative and regulation-making authority, it delegated administration of the *Safety Standards Act* and related regulations to the BCSA. The relationship is governed by an Administrative Agreement and a Communications Protocol Agreement. BCSA is governed by an independent Board of Directors, three of which are appointed by the Minister. The President and Chief Executive Officer is Catherine Roome.

Current Appointees:

George Abbott, Chair; Ian Banks; Karen Bazylewski; Jeremy Black; Neil Cumming; Brenda Eaton; Hugh Gordon; Geordie Henderson; Alison Narod; Jo-Ann Panneton; and Doug Scott.

Appointments required:

- No appointments required within 30, 60, or 90 days.

Issue(s):

- None

Key Contact:

- Shannon Horner
- Director, Safety Policy and British Columbia Safety Authority Liaison
- 250-882-0017

BRIEFING NOTE

CROWN AGENCIES

Name: Building Code Appeal Board

Legislative Authority:

Building Act, SBC 2015, Chapter 2

Mandate:

The Building Code Appeal Board hears appeals of decisions of a local authority on whether a matter conforms to a building regulation.

Current Appointees:

Lyle H. Kuhnert, Chair; Maura Gatensby, Vice Chair; Francis Elaine Victor, Member; Douglas Vance, Member; Keith D. Calder, Member

Appointments required:

- 90 Days: The re-appointment of Douglas Vance, or a new member to replace him, is required by August 24, 2017. Members are appointed by the Minister, in consultation with the Board Chair.

Issue(s):

- None

Key Contact:

- Shannon Horner
- Director, Safety Policy and British Columbia Safety Authority Liaison
- 250-882-0017

BRIEFING NOTE

CROWN AGENCIES

Name: Safety Standards Appeal Board

Legislative Authority:

Safety Standards Act, SBC 2003, Chapter 39

Mandate:

The Safety Standards Appeal Board hears appeals of decisions made under: the *Safety Standards Act* regarding technical safety systems and equipment; the *Homeowner Protection Act* regarding licensing and warranty requirements; and, the *Building Act* regarding administrative penalties.

Current Appointees:

Emily Drown, Chair; Jeffrey Hand, Vice-Chair; Ted Simmons, Member; Terrence Bergen, Member; Tim Haaf, Member; Marc Dixon, Member

Appointments Required:

- **30 Days:** Marc Dixon's appointment ends on May 31, 2017. The Board Resourcing and Development Office indicated that no appointments will be made until after the Provincial election.

Issue(s):

- None

Key Contact:

- Shannon Horner
- Director, Safety Policy and British Columbia Safety Authority Liaison
- 250-882-0017

BRIEFING NOTE CROWN CORPORATIONS

Name: BC Housing

Mandate:

BC Housing's mandate is to fulfill the directives of the Minister Responsible for Housing's annual Mandate Letter. BC Housing's responsibilities related to social housing reflect an Order-in-Council under the Ministry of Lands, Parks and Housing Act that established the British Columbia Housing Management Commission (BC Housing) in 1967. BC Housing's responsibilities related to strengthening consumer protection for new homebuyers and improving the quality of residential construction were established through the Homeowner Protection Act in 1998.

Financial Information (high level):

In 2017/18, BC Housing's total revenue is forecasted to be \$825.8 million. Of this amount, \$544.5 million is expected to be from provincial contributions and \$233.1 million to be from federal contributions. The remaining revenues are from tenant rent and other sources, including builder licensing fees.

BC Housing's expenditures for 2017/18 are estimated to be \$784.1 million. Expenditures are largely comprised of housing subsidies, rental assistance, administration costs, operational costs and maintenance costs.

For more information on the budget, please see 2017/18-2019/20 Service Plan.

Issue(s):

- **60 day issue:** Maple Ridge phased shelter closing (begins March 31 for 90 days)
- **60 day issue:** Riverview master planning public information sessions (begins in June 2017)
- **60 day issue:** Federal/Provincial/Territorial Ministers Responsible for Housing meeting in July 2017
- **90 day issue:** Tent city situations, e.g., Surrey

Appointment Status:

- No Board appointments are required within 30/60/90 days

ISSUE NOTE

Issue:

- Ministers' Meetings - Federal Provincial Territorial Housing Forum

Background:

- Canada committed to launching a National Housing Strategy in the fall of 2017 and is looking to Provincial and Territorial Ministers for endorsement.
- A new multilateral agreement, linked to the National Housing Strategy, will create a framework to guide federal housing investments from 2018 to 2028.
- Since 2014, BC has been the co-chair of the Federal Provincial Territorial Housing Forum.
- As co-chair, BC engages with provinces and territories to develop common positions for negotiating with the federal government.
- It is essential that BC continue in its role as co-chair to maintain a united provincial and territorial voice as work progresses on the National Housing Strategy and multilateral agreement.
 - Provinces and Territories are near the end of a multiyear process to develop a National Housing Strategy, to be announced in fall 2017, that includes federal funding commitments of \$11B over 11 years as well as up to \$7B of Provincial/Territorial commitments through cost matching (BC's share would be approximately \$600M); and
 - BC has been the lead jurisdiction throughout these negotiations and is in the best position to represent the interests of Provinces and Territories and to ensure BC receives a fair deal.
- Ministers' meetings are tentatively scheduled for:
 - August 2017 (in-person) to provide input on the penultimate draft of the National Housing Strategy; and
 - October 2017 (in-person) to endorse and launch the National Housing Strategy and sign a multilateral agreement.
- During FPT Ministers' meetings, the Minister Responsible for Housing leads as co-chair and represents the provincial position. The Minister is supported in these meetings by the BC Housing CEO and senior provincial housing staff.

Decision required:

- **30 day issue** – Minister Responsible for Housing, as co-chair, to engage with Canada to finalize FPT Housing Forum meeting dates.
- **60 day issue** – Minister Responsible for Housing to co-chair Ministers' meeting and provide input into the penultimate draft of the National Housing Strategy. If the Minister Responsible is unable to attend the meeting in person, another jurisdiction will need to be asked to Chair on behalf of BC.

LINDA BELTRANO EXECUTIVE DIRECTOR OIL AND STRATEGIC INITIATIVES BIOGRAPHY



Linda Beltrano, the Executive Director of the Oil and Strategic Initiatives Division has over 25 years of demonstrated work experience in fast paced environments with complicated issues. Linda has worked in the oil and gas field for the past eight years. She is presently the Executive Director of the Oil and Strategic Initiatives Division. Prior to joining the Ministry of Natural Gas Development, she was the Director of Policy, Planning and Strategic Initiatives with Act Now BC., and the Director of Strategic Policy with the Ministry of Tourism, Sport and the Arts in which she addressed several commercial land use issues related to development. She has had a variety of special assignments: Director of the BC Resort Task Force; Director of Corporate Relations with New Forest Opportunities; Senior Advisor Aboriginal Affairs; and Economic Development Officer for the Nechako Region. Linda brings a diverse and skilled background to the position of Executive Director. Prior to joining the BC Government, Linda worked in Alberta with the Northern Alberta Development Council, the Peace River Planning Commission and in Ontario at the Institute of Urban and Environmental Studies at Brock University.

Linda has an Honors BA (Geography) from McMaster University and MA (Regional Development) from Windsor University.

OIL AND STRATEGIC INITIATIVES DIVISION

Executive Director Responsible: Linda Beltrano

Core Business/ Program Area Description/Critical Business Processes:

The Oil and Strategic Initiatives Division (OSID) is British Columbia's first point of contact for current and future major oil projects. The division ensures that major oil proposals meet the Five Requirements for British Columbia to Consider Support for Heavy Oil Pipelines: for environmental review, marine and terrestrial spill response/prevention, First Nations consultation and a "fair share" of financial benefits for the Province. The division seeks to enhance the development of heavy oil pipelines and related infrastructure projects by:

- Supporting provincial, interprovincial and federal NEB hearings and negotiations; and
- Continuing to participate in interagency, interprovincial, industry and stakeholder engagement to effectively manage oil development.

OSID works closely with the BC Oil and Gas Commission; Ministry of Environment; Ministry of Tourism, Jobs and Skills Training; Ministry of Finance; the Environmental Assessment Office; and the Alberta Government to help explore and develop B.C. based opportunities related to oil including pipelines, spillage and adding value to crude oil (refinery and petrochemical). Addressing strategic initiatives has provided OSID with opportunities to work on a variety of key issues, such as energy literacy, the Canadian Energy Strategy, and the annual Energy and Mines Ministers' Conference.

OSID's current focus is on the Kinder Morgan Canada Trans Mountain Pipeline Expansion project (TMP) which was approved by the National Energy Board with 157 conditions in May 2016 and more recently approved by the Federal Government in November 2016. TMP was granted an environmental assessment certificate by B.C. for the section of the project that traverses the province in January 2017. OSID will be providing support to the Deputy Minister's Committee that is working to coordinate issues for the project in order to meet construction deadlines. TMP is currently set to begin construction in September 2017 and to be operational in 2019.

Budget: \$ 1,020,000 (2017/18 estimates)

Full Time Equivalents (FTEs): 7

Related Legislation: None

Organizational Chart:



ISSUE NOTE

Issue:

- Kinder Morgan's Trans Mountain Pipeline Expansion Project – Management of Construction

Background:

- May 19, 2016, the National Energy Board (NEB) recommended to the federal government that the Trans Mountain Pipeline Expansion Project (Project) be approved, subject to 157 conditions. November 29, 2016 the Federal government announced its approval.
- January 11, 2017 British Columbia (B.C.) announced that an Environmental Assessment Certificate (EAC) with an additional 37 conditions had been issued to Trans Mountain Pipeline ULC (TMP). These conditions respond to concerns raised by Aboriginal groups during consultation and address key areas of provincial jurisdiction and interest such as: vegetation and wildlife, parks and protected areas, and greenhouse gas emissions.
- January 11, 2017 B.C. confirmed TMP had successfully addressed B.C.'s Five Conditions.
 1. Successful completion of the environmental review process.
 2. World-leading marine oil spill response, prevention and recovery systems for B.C.'s coastline and ocean.
 3. World-leading practices for land oil spill prevention, response and recovery systems.
 4. Legal requirements are addressed for treaty rights and First Nations are provided with the opportunities, information and resources necessary to participate in and benefit from a heavy-oil project.
 5. B.C. receives a fair share of the fiscal and economic benefits that reflects the level, degree and nature of the risk borne by the province, the environment and taxpayers.
- In the negotiation of the fifth condition B.C. negotiated a significant investment worth up to \$1 billion over 20 years. KM will pay the Province between \$25 million to \$50 million annually for the first 20 years, with a requirement for an agreement to be in place for as long as the pipeline is operating.
- Kinder Morgan Canada has raised raise \$1.75 billion through an initial public offering (IPO) of assets including the TMP Project. The Kinder Morgan Canada Ltd. Partnership will hold both the Trans Mountain pipeline and the expansion Project, the Puget Sound pipeline system in Washington State, a condensate pipeline, along with storage and terminals along the pipeline routes. Houston based Kinder Morgan would hold a majority share, with as much as a 77 percent interest in the entity.
- Kinder Morgan made a final investment decision on May 30, 2017.
- TMP plans to begin work on the Westridge Marine Terminal in August with pipeline construction to commence in September 2017 and be completed within one year. While the Project falls under NEB jurisdiction, it must acquire necessary Provincial permits. To expedite permits in an efficient manner, B.C., through the Agreement, agreed to establish a Project Office with a Project Executive Lead to work with line agencies to

address First Nations consultations, permitting concerns and general issues.

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who in turn reports to Cabinet.

- Government Communication and Public Engagement (GCPE) participates as does the Legal Services Branch (LSB) s.13

s.13

ISSUE NOTE

Issue:

- Federal Crude Oil Tanker Moratorium on BC's North Coast

Background:

- On November 29, 2016, the Federal Government announced its intention to move forward with legislation to enforce a moratorium on crude oil tanker traffic along BC's north coast.
- The moratorium will be implemented through federal legislation which was tabled in parliament on May 12, 2017.
- The proposed region for which the moratorium would be enacted ranges from the BC/Alaska border down to the northern tip of Vancouver Island, and includes the Port of Prince Rupert.
- The Federal Government indicates that the moratorium will apply to the shipment of crude oils as defined by the International Convention for the Prevention of Pollution from Ships (MARPOL). This definition encompasses all liquid hydrocarbons, including those treated to render them suitable for transportation.
- The proposed moratorium explicitly exempts Liquefied Natural Gas (LNG) and some products like gasoline, naphtha, jet fuel and propane.
- A blanket moratorium on "crude oil" would limit Provincial development opportunities of light crude oil in the Montney formation by effectively banning exports from the North Coast.
- Natural gas by-products like condensate would also be affected.

s.13

GARY REAY EXECUTIVE DIRECTOR STRATEGIC PARTNERSHIPS BIOGRAPHY



Gary has worked for the Provincial Government for 26 years, and has worked across the Natural Resource Ministries. He started as a negotiator on multi-party conflicts and throughout his career has led high profile files such as the Government to Government Framework agreement with the Haida Nation, the Provincial Aquaculture Plan and the Site C Clean Energy Project.

Gary joined the Ministry of Natural Gas Development in 2015 to lead the design and delivery of the Liquefied Natural Gas Environmental Stewardship Initiative working in partnership with the Ministries of Aboriginal Relations and Reconciliation and Forests, Lands, and Natural Resource Operations. His work includes managing the provincial negotiation strategy; the cross Ministry delivery of \$30M; governance and financial policy development; and management of regional projects with the 35 First Nations across the north area of British Columbia.

STRATEGIC PARTNERSHIPS DIVISION

Executive Director Responsible: Gary Reay

Core Business/ Program Area Description/Critical Business Processes:

The Strategic Partnerships Division (SPD) supports a number of intra- and inter-governmental initiatives in key policy areas relating to First Nations, including providing policy advice and development, negotiations and implementation, issues coordination and cross-sector coordination. SPD leads the development of the Liquefied Natural Gas Environmental Stewardship Initiative working in partnership with the Ministries of Aboriginal Relations and Reconciliation (MARR) and Forests, Lands, and Natural Resource Operations (FLNRO). This includes: leading the overall program design and development; provincial negotiation strategy coordination; corporate coordination of team support, finances, contracts and administration; governance and financial policy development; and oversight of the development of regional demonstration projects.

SPD staff works with strategic advisors within the Deputy Ministers Office to support First Nations benefits agreements development and implementation. This includes: working with Upstream Development Division to provide advice and input on Economic Benefits Agreements, G2G negotiations, and Upstream Oil and Gas Consultation Agreements; working with MARR to develop LNG pipelines negotiations benefits mandates and policies, and supporting the negotiation of Pipeline Benefits Agreements; leading downstream agreements such as sector coordination of Lax Kw'alaams benefits package, and supporting the development of benefits mandates in other Coastal First Nations agreements.

SPD works with other agencies to ensure alignment with MNGD interests on key First Nations related initiatives, including working with FLNRO on the Cumulative Effects Framework, with the Environmental Assessment Office (EAO) on the collaborative Environmental Assessment Process, and with EAO and the Oil and Gas Commission on the Aboriginal Liaison Program.

Budget: \$743,000

Full Time Equivalents (FTEs): 5

Related Legislation: N/A

Organizational Chart:



INÉS PICCININO ADM UPSTREAM DEVELOPMENT DIVISION BIOGRAPHY



Inés Piccinino was appointed Assistant Deputy Minister, Upstream Development Division, Ministry of Natural Gas Development in September 2013. Inés joined the Ministry in 2003 where she worked at the Oil and Gas Division on royalties and infrastructure programs, industry competitiveness, service sector development strategies and developing the Natural Gas and Liquefied Natural Gas (LNG) Strategies.

Before joining the Provincial Government in 2003, Inés worked on a variety of energy, competitiveness, industrial development and environmental programs for the Federal government of Argentina and the City government of Buenos Aires, the United Nations Development Program (UNDP) and the World Bank.

Inés has a degree in Economics from the University of Buenos Aires.

UPSTREAM DEVELOPMENT DIVISION

ADM Responsible: Inés Piccinino

Core Business/ Program Area Description/Critical Business Processes:

The Division is responsible for the policies and programs guiding the management of British Columbia's subsurface petroleum and natural gas resources, almost all of which are owned by the Crown. The Division's goal is to maximize the benefits from these resources for British Columbians, including increasing provincial revenue and private sector business opportunities by implementing innovative oil and gas infrastructure and royalty programs, promoting the province's geological potential, and enhancing the competitive business climate for the oil and gas sector.

The Division operates the disposition process for Crown rights to petroleum and natural gas and underground storage, administers the resulting tenures, and maintains a provincial registry that contains approximately 15,000 petroleum and natural gas tenure agreements covering approximately 9.5 million hectares of oil and gas rights.

The Division works to implement the actions identified in British Columbia's Natural Gas Strategy, released in February 2012. It supports a vibrant and sustainable oil and gas industry over the long-term by providing a vehicle for the orderly and timely development of British Columbia's oil and gas resources. The Division is planning for the future by reviewing its policies to address key issues associated with unconventional shale and tight gas development, particularly respecting the management of water requirements and greenhouse gas emissions, and continues to work with partners to implement an enhanced regulatory regime through the Oil and Gas Activities Act. The Division's critical business processes include:

- Titles Disposition Process
- Tenure and Revenue Management
- Titles Systems
- Strategic Initiatives
- Geoscience
- Monthly Price Calculations
- Forecasting
- Royalty Programs
- Infrastructure Programs

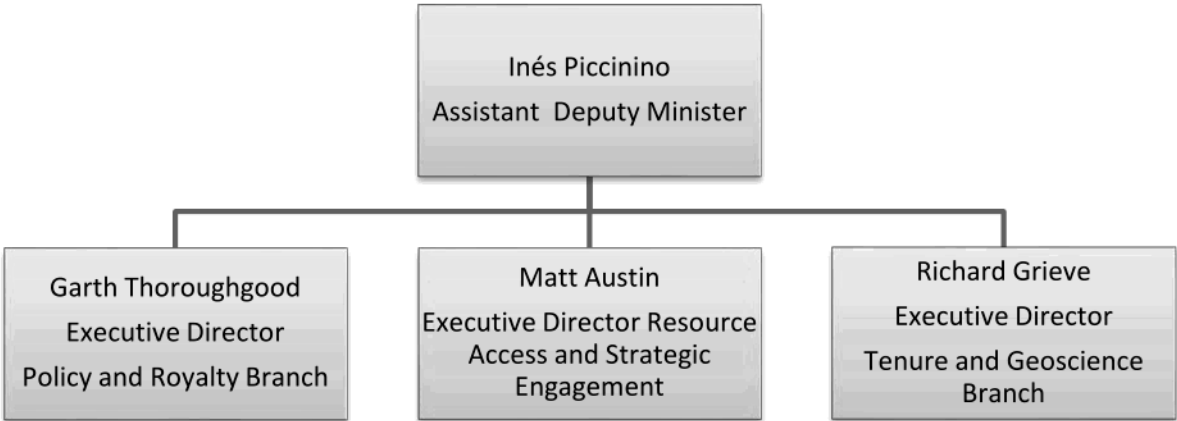
Budget: \$ 12,506,000 (2017/18 estimates)

Full Time Equivalents (FTEs): 50

Related Legislation:

Coalbed Gas Act, Fort Nelson Indian Reserve Minerals Revenue Sharing Act, Gas Utility Act, Geothermal Resources Act, Indian Reserve Mineral Resource Act, Natural Gas Price Act, Oil and Gas Activities Act, Petroleum and Natural Gas Act, Petroleum and Natural Gas (Vancouver Island Railway Lands) Act, Vancouver Island Natural Gas Pipeline Act.

Organizational Chart:



BRIEFING NOTE

CROWN AGENCIES

Name: Surface Rights Board

Legislative Authority:

Petroleum and Natural Gas Act, s. 146

Mandate:

To assist in the resolution of disputes between landowners and companies that require access to private land to explore for, develop, or produce Crown-owned subsurface resources including oil, natural gas, coal, minerals and geothermal.

Current Appointees:

Cheryl Vickers, Chair; Simmi Sandhu, Vice chair; Robert Fraser; Howard Kushner; and Winton Derby.

Appointments required:

- No appointments required within 30, 60, or 90 days.

Issue(s):

- **60 Day Issue:** The recent bankruptcy of Terra Energy resulted in a number of landowners ceasing to receive regular payment of rent for oil and gas infrastructure on their land. To address this issue, the receiver (Ernst and Young), provided a \$500,000 fund in trust for Terra Energy, to compensate landowners for the lost rent. This fund is distributed by the Surface Rights Board on a first-come, first-served basis and administered by the Ministry of Natural Gas Development. To date the Surface Rights Board has paid out \$341,494.78 to landowners who have Terra Energy infrastructure on their land (leaving \$158,505.22 available). Additional funding may be needed in the case of another bankruptcy with significant impacts on landowners.

Key Contact:

- Garth Thoroughgood
- Executive Director, Upstream Development Division
- (778) 698-3665