



Calgary

October 26, 2017

Toronto

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Our Matter Number: 1181010

Montréal

Filed Electronically

Ottawa

National Energy Board
Suite 210, 517 Tenth Avenue SW
Calgary, Alberta T2R 0A8

Vancouver

New York

Attention: Ms. Sheri Young, Secretary of the Board

Dear Ms. Young:

**Re: NOVA Gas Transmission Ltd. (NGTL)
Sundre Crossover (Project)
NEB File: OF-Fac-Gas-N081-2017-04 01
Hearing Order: GH-002-2017 (Hearing Order)
NGTL Witnesses and Hearing Participation**

Pursuant to Procedural Update No. 1, NGTL hereby advises that it intends on seating the following witnesses as a single witness panel at the hearing beginning on November 1, 2017:

1. Jason Schulz
2. Graeme Wright
3. Brett Schoneck
4. Darryn Rouillard
5. Carrie Dunn
6. Michael Schmaltz
7. Tod Collard

The direct evidence of each of the above witnesses is enclosed with this letter and includes a description of the subject matter that each witness will address. The curriculum vitae of Mr. Tod Collard is also enclosed. Mr. Collard is the only witness on NGTL's witness panel who is not an employee of TransCanada Pipelines Limited.

In addition, enclosed is a completed Appendix II – Part B from Procedural Update No. 1. NGTL has only provided time estimates for those parties that Procedural Update No. 1 listed as having submitted evidence. In the event any other parties are permitted to provide evidence at the hearing, NGTL reserves the right to cross-examine those parties.

Yours truly,

A handwritten signature in black ink, appearing to read 'mi' followed by a stylized flourish.

Martin Ignasiak
MI/ac

Enclosures

cc: List of Parties

Direct Evidence
of
Jason Schulz
NOVA Gas Transmission Ltd. (NGTL)

National Energy Board
GH-002-2017

1 **Q1. Please state your name and employer.**

2 A1. My name is Jason Schulz. My employer is TransCanada PipeLines Limited
3 (TransCanada), at 450 - 1st Street S.W., Calgary, Alberta.

4 **Q2. Please state your present position and qualifications.**

5 A2. My current position with TransCanada is Director, Land, effective November,
6 2015. In this role, I am accountable for strategic leadership of the land
7 management portfolio across TransCanada's assets in Canada, Mexico and the
8 United States.

9 Prior to this position, I was Director, Environment, where I was accountable for
10 strategic leadership of the environmental portfolio across Canada, Mexico and
11 the United States. Prior to February 2012, I worked for 6 years as Manager of
12 Environmental Planning & Permitting at TransCanada, with responsibilities for
13 environmental permitting on projects across North America. I have over 20
14 years of experience in the energy industry in Canada and the United States.

15 I have a Master of Science from the University of Alberta and completed the
16 Ivey Business School Executive Program in Executive Management.

17 **Q3. Have you previously testified before the National Energy Board (NEB) or other**
18 **regulatory tribunals?**

19 A3. No.

20 **Q4. What is the purpose of your appearance in this proceeding?**

21 A4. I have overall responsibility for the land acquisitions for this project and I will
22 appear primarily to respond to questions of policy.

23 **Q5. Does this conclude your direct evidence?**

24 A5. Yes.

Direct Evidence
of
Graeme Wright
NOVA Gas Transmission Ltd. (NGTL)

National Energy Board
GH-002-2017

1 **Q1. Please state your name and employer.**

2 A1. My name is Graeme Wright. My employer is TransCanada PipeLines Limited
3 (TransCanada), at 450 - 1st Street S.W., Calgary, Alberta.

4 **Q2. Please state your present position and qualifications.**

5 A2. My current position with TransCanada is Senior Land Representative in the
6 Land Project Services department, effective April, 2013. In this role, I am
7 accountable for TransCanada's land acquisition and landowner engagement for
8 gas projects in Western Canada.

9 Prior to this position, I worked for over 5 years in different roles in the energy
10 industry supporting land acquisition and engagement for various linear projects
11 and oil and gas development programs.

12 I have a Bachelor of Arts in Geography from the University of Calgary.

13 **Q3. Have you previously testified before the National Energy Board (NEB) or other**
14 **regulatory tribunals?**

15 A3. No.

16 **Q4. What is the purpose of your appearance in this proceeding?**

17 A4. I will respond to questions about the landowner engagement and land rights
18 acquisition components of the Project.

19 **Q5. Does this conclude your direct evidence?**

20 A5. Yes.

Direct Evidence
of
Jonathan Brett Schoneck
NOVA Gas Transmission Ltd. (NGTL)

National Energy Board
GH-002-2017

1 **Q1. Please state your name and employer.**

2 A1. My name is Jonathan Brett Schoneck. My employer is TransCanada PipeLines
3 Limited (TransCanada), at 450 - 1st Street S.W., Calgary, Alberta.

4 **Q2. Please state your present position and qualifications.**

5 A2. My current position with TransCanada is Manager, Pipeline Projects. In this
6 role, I am accountable for a team that implements natural gas pipeline projects
7 on the NGTL System and the Canadian Mainline. I have been in this role since
8 June of 2012.

9 I joined TransCanada in 1999 as a Maintenance Resource Coordinator in Field
10 Operations responsible for the planning and scheduling of all maintenance
11 activities within a defined area. I moved to a field based Area Manager role in
12 2005 and was accountable for the facilities maintenance functions within the
13 area. In 2010, I assumed a senior management role for the Bruce Nuclear Power
14 Plant Units 1 & 2 restart program, where I was accountable for project
15 optimization. From Bruce I moved to my current role as Manager, Pipeline
16 Projects.

17 I have a Bachelor of Arts degree in Economics from the University of Calgary
18 (1996).

19 **Q3. Have you previously testified before the National Energy Board (NEB) or other**
20 **regulatory tribunals?**

21 A3. No.

22 **Q4. What is the purpose of your appearance in this proceeding?**

23 A4. I will respond to questions related to routing, engineering, construction and
24 operations matters as it relates to NGTL's evidence.

1 **Q5.** Does this conclude your direct evidence?

2 **A5.** Yes.

Direct Evidence
of
Darryn Rouillard
NOVA Gas Transmission Ltd. (NGTL)

National Energy Board
GH-002-2017

1 **Q1. Please state your name and employer.**

2 A1. My name is Darryn Rouillard. My employer is TransCanada PipeLines Limited
3 (TransCanada), 450 - 1 Street S.W., Calgary, Alberta.

4 **Q2. Please state your present position and qualifications.**

5 A2. My current position with TransCanada is Manager, Mainline Planning West. I am
6 responsible for the pipeline system design on TransCanada's NGTL System and
7 Foothills Pipe Lines System. This includes long term hydraulic analysis and
8 facility planning and optimization.

9 I assumed my current responsibilities in January of 2013. I joined NGTL in 1987
10 in its Gas Control and Measurement department. I worked in the gas supply and
11 gas control areas and in 1990 moved into a technical position in Pipeline System
12 Operations. In 1998 I assumed a leadership position for the Alberta/B.C.
13 Operations Planning team with responsibility for the short term planning and
14 pipeline system operations of the NGTL and Foothills systems. In 2002 I
15 transferred to a similar role for the Mainline Operations Planning team with
16 responsibility for short term planning and pipeline system operations of the
17 Canadian Mainline and Trans Québec & Maritimes Pipeline Inc. systems. From
18 2008 to my present role I held the position of Manager, Gas Quality and
19 Measurement Integrity including Lab Services with responsibility for managing
20 natural gas product quality and measurement information for TransCanada's
21 Canadian Natural Gas Pipeline systems.

22 I graduated from the Northern Alberta Institute of Technology in 1987 in
23 Hydrocarbon Engineering and am registered with the Association of Science and
24 Engineering Technology Professionals of Alberta.

25 **Q3. Have you previously testified before the National Energy Board or other regulatory**
26 **tribunals?**

27 A3. Yes. I appeared as a witness for TransCanada in the 2004 Mainline Tolls and
28 Tariff proceeding (RH-2-2004) and the Towerbirch Expansion Project
29 proceeding (GH-003-2015).
30

1 **Q4. What is the purpose of your appearance in this proceeding?**

2 A4. I will respond to NGTL System facility and commercial matters related to
3 NGTL's evidence.

4 **Q5. Does this conclude your direct evidence?**

5 A5. Yes.

Direct Evidence
of
Carrie Dunn
NOVA Gas Transmission Ltd. (NGTL)

National Energy Board
GH-002-2017

1 **Q1. Please state your name and employer.**

2 A1. My name is Carrie Dunn. My employer is TransCanada PipeLines Limited
3 (TransCanada), at 450 - 1st Street S.W., Calgary, Alberta.

4 **Q2. Please state your present position and qualifications.**

5 A2. My present position with TransCanada is Team Lead, Indigenous Relations. I
6 have accountability for overseeing Project engagement with Indigenous groups
7 in Alberta, Saskatchewan and Manitoba, and oversight of Indigenous Relations
8 inputs into regulatory applications for projects in western Canada.

9 I have worked for TransCanada since January 2016. Prior to my current role, I
10 was the Traditional Knowledge (TK) Lead and provided project advice for
11 Aboriginal engagement specifically related to TK, including addressing
12 Aboriginal interests and concerns and the review of TK related regulatory
13 deliverables. Prior to joining TransCanada, I worked for TERA Environmental
14 Consultants/CH2M Hill in various roles of responsibility regarding Indigenous
15 engagement, regulatory reporting and TK studies. I have over 15 years of
16 diverse experience in Indigenous engagement, consultation and the
17 management of historical resource studies combined, including for pipeline and
18 development projects, educational programs and academic research. I have
19 engaged Indigenous groups to facilitate the incorporation of TK into project
20 planning and environmental assessments for various regulatory bodies,
21 including the National Energy Board, Alberta's Aboriginal Consultation Office,
22 Alberta Energy Regulator, British Columbia Environmental Assessment Office
23 and Northern Pipeline Agency.

24 I have a Master of Arts degree in Archaeology from the University of
25 Saskatchewan.

26 **Q3. Have you previously testified before the National Energy Board (NEB) or other**
27 **regulatory tribunals?**

1 A3. Yes, I appeared as a witness for NGTL in the GH-001-2014 proceedings related
2 to the North Montney Project.

3 **Q4. What is the purpose of your appearance in this proceeding?**

4 A4. I will respond to questions regarding Aboriginal engagement matters related to
5 NGTL's evidence.

6 **Q5. Does this conclude your direct evidence?**

7 A5. Yes.

Direct Evidence
of
Michael Schmaltz
NOVA Gas Transmission Ltd. (NGTL)

National Energy Board
GH-002-2017

1 **Q1. Please state your name and employer.**

2 A1. My name is Michael Schmaltz. My employer is TransCanada PipeLines
3 Limited (TransCanada), at 450 - 1st Street S.W., Calgary, Alberta.

4 **Q2. Please state your present position and qualifications.**

5 A2. My current position with TransCanada is Manager Environmental Planning and
6 Permitting, which I have held since 2012. In this role, I am accountable for
7 overseeing pipeline project environmental planning and permitting for
8 expansion of TransCanada's Canadian natural gas and oil assets and US oil
9 assets.

10 Prior to this position, I was a Senior Environmental Advisor with TransCanada
11 responsible for pipeline project planning and permitting and of TransCanada's
12 Canadian natural gas and oil assets and US oil assets.

13 Prior to this I was an Environmental Advisor with NGTL responsible for
14 pipeline and facility project planning and permitting and reclamation.

15 I have over 26 years of direct experience in the environmental field in Canada
16 and the United States.

17 I have a Master of Business Administration from Athabasca University, and
18 two diplomas from Olds College; Agronomy and Land Resource Management.

19 **Q3. Have you previously testified before the National Energy Board (NEB) or other**
20 **regulatory tribunals?**

21 A3. Yes. I appeared as a witness for TransCanada Keystone Pipeline GP Ltd. in the
22 OH-1-2007 Keystone Pipeline proceeding and in the OH-1-2008 Keystone
23 Cushing Expansion proceeding.

1 **Q4. What is the purpose of your appearance in this proceeding?**

2 A4. I have responsibility for the environmental evidence supplied within NGTL's
3 Application and I will appear primarily to respond to questions about
4 environmental policy.

5 **Q5. Does this conclude your direct evidence?**

6 A5. Yes.

Direct Evidence
of
Tod Collard
Matrix Solutions Inc.

National Energy Board
GH-002-2017

1 **Q1. Please state your name and employer.**

2 A1. My name is Tod Collard. My employer is Matrix Solutions Inc. (Matrix) at
3 214-11 Ave S.W., Calgary, Alberta.

4 **Q2. Please state your present position and qualifications.**

5 A2. My current position is Principal Environmental Consultant at Matrix. I am the
6 Technical Accountable for Pipelines and more specifically, the Matrix Project
7 Director for the NOVA Gas Transmission Ltd. (NGTL) Sundre Crossover
8 Project. In that role, I am responsible for environmental planning and
9 permitting support provided to NGTL for the Sundre Crossover Project. I am
10 responsible for the development and delivery of the environmental and socio-
11 economic assessment, environmental protection plans and environmental
12 alignment sheets. I also manage a number of multi-disciplinary teams for the
13 delivery of desktop and field studies, technical report preparation and
14 environmental permitting.

15 I received a Bachelor of Science degree from the University of Calgary in 1990.
16 I am a Professional Biologist member of the Alberta Society of Professional
17 Biologists and have been a member since 1995. I have been working in the field
18 of environmental assessment since 1990 and have been working with Matrix
19 Solutions Inc. since 2011.

20 My project experience and education are included in the attached *Curriculum*
21 *Vitae*.

22 **Q3. Have you previously testified before the National Energy Board (NEB) or other**
23 **regulatory tribunals?**

24 A3. Yes. I was an expert witness for the Cameron Hills Gathering System project
25 for Paramount Resources in the Northwest Territories and in two oil sands mine

1 Joint Panel hearings for Shell. I have not previously testified before the
2 National Energy Board.

3 **Q4. What is the purpose of your appearance in this proceeding?**

4 A4. I will respond to questions concerning the environmental and socio-economic
5 assessment and technical reports prepared by Matrix for the NGTL Sundre
6 Crossover project.

7 **Q5. Does this conclude your direct evidence?**

8 A5. Yes.

Tod Collard, B.Sc., P.Biol.

Director, Principal Environmental Consultant

Mr. Tod Collard, B.Sc., P.Biol., is a Principal Environmental Consultant and Technical Accountable for pipelines at Matrix Solutions. Inc. He has worked in the petroleum industry and on environmental impact assessment (EIA) projects for pipelines and upstream developments for 30 years. Mr. Collard is a senior owner, providing guidance to pipeline management staff and technical leads regarding environmental standards, procedures, and practices applicable to pipeline projects at Matrix. He provides senior regulatory direction and senior review, as well as project management and technical expertise on a wide variety of environmental projects throughout the project lifecycle: planning, construction, operation, and abandonment.

Mr. Collard has experience as a proponent (Exxon Mobil, Alaska Gas Producers Pipeline Team), a regulator (National Energy Board, Frontier Group), and an environmental consultant. He has experience managing and directing large and small scale pipeline projects including:

- NOVA Gas Transmission Ltd (NGTL) - Sundre Crossover Pipeline Project
- Trans-Northern Pipelines Inc. (TNPI) - APPL Pipeline Replacement Project
- Pembina Pipeline Corporation (Pembina) - Pouce Coupé Lateral Project
- Plains Midstream Canada (PMC) - North Co-Ed Pipeline Project
- Tidewater Midstream and Infrastructure Ltd. (Tidewater) - Rock Creek Project
- Exxon Mobil Corporation (ExxonMobil) - Alaska Gas Producers Pipeline Team
- TransCanada PipeLines Limited (TransCanada) - Alaska Gas Project geotechnical drilling operation, TransMaritime Pipeline project and numerous looping applications across Saskatchewan, Manitoba and Ontario
- Shell Canada Limited (Shell) - Alberta Pipeline Project
- Suncor Energy Inc. (Suncor) - Firebag pipeline routing
- Paramount Resources Ltd. (Paramount) - Shiha Pipeline, Cameron Hills pipeline
- Canadian Hunter Explorations - BC/Alberta Pipeline
- Various pipeline conservation and reclamation (C&R) applications for Alberta Energy Company Ltd., Petromet Resources Limited, Amoco Petroleum Company Ltd., Imperial Oil Limited, and Serenpet Inc.

Mr. Collard has also directed and managed a number of in situ and oil sands mine projects, as well as conventional oil and gas projects. He has participated as an expert witness for the Cameron Hills Gathering System project for Paramount in the Northwest Territories and in two oil sands mine Joint Panel hearings for Shell. He has also participated in numerous open houses, regulatory meetings, and public presentations as a subject matter expert and a regulator.

EDUCATION

B.Sc., Ecology, University of Calgary, 1990

EMPLOYMENT HISTORY

Matrix Solutions Inc., Senior Environmental Consultant, 2011 to Present

Trow Engineering Consultants Inc., Senior Regulatory Specialist, 2009 to 2011

Golder Associates Ltd., Principal; Project Manager/Director, 2002 to 2009

Alaska Gas Pipeline Project Team (on contract to Exxon-Mobil), Mackenzie Line Environment Manager, 2001 to 2002

National Energy Board, Environmental Assessment Officer, Conservation Officer, 2000 to 2001

Golder Associates Ltd., Project Manager/Director, 1997 to 2000

Quadra Environmental Services, Inc., Project Manager, Environmental Planning, 1995 to 1997

Seacor Environmental Engineering, Inc., Project Manager, Environmental Planning, 1994 to 1995

Western Oilfield Environmental Services Inc., Environmental Technician, 1991 to 1994

University of Calgary, Researcher, 1990

Shell Canada, Lease Operator, 1987 to 1989

PROFESSIONAL AFFILIATIONS AND CERTIFICATIONS

Alberta Society of Professional Biologists (ASPB)

PROJECT EXPERIENCE/PROFESSIONAL EXPERIENCE

Trans-Northern Pipelines Inc. - APPL Replacement Project. Project Director.

Provided a senior point of contact and responsibility for TNPI; accountable for delivery of the Alberta Energy Regulator (AER) application under the *Environmental Protection and Enhancement Act* (EPEA) for a 320 km line between Edmonton and Calgary, the project also included two smaller sections in the Edmonton and Calgary transportation utilities corridors (TUCs) Provided strategic and regulatory advice to the Matrix team and TNPI, and senior review of the application.

NOVA Gas Transmission Ltd. - Sindre Crossover Pipeline Project. Project Director/Client Accountable.

Responsible for oversight of the environmental and socio-economic assessment (ESA) for a 21-km National Energy Board (NEB) s.58 pipeline application near Sindre, Alberta. Provided strategic and regulatory advice to the Matrix team and NGTL, and senior review of the ESA.

Pembina Pipeline Corporation - Pouce Coupé Lateral. Project Director.

Provided single point of contact and responsibility for Pembina; accountable for timely delivery of the ESA for a 27-km NEB s.58 pipeline application spanning the Alberta and British Columbia border. Provided strategic and regulatory advice to the Matrix team and Pembina, and senior review of the ESA.

Tidewater Midstream and Infrastructure Ltd. - Rock Creek Project. Project Director.

Project Director on a recently approved 16 km, Class II pipeline near Drayton Valley, Alberta for Tidewater, requiring approval through the AER. Provided strategic direction to the client and senior advice on environmental issues associated with pipeline construction in the Green Area of the province.

TransCanada Pipelines Water Quality Monitoring.

Project Director for the water quality monitoring component of a directional drill under the Athabasca River.

Plains Midstream Canada - North Co-Ed Pipeline Project. Project Director.

Project Director on a proposed 32 km HVP pipeline between Edmonton and Fort Saskatchewan for Plains, requiring a C&R Plan and approvals through the AER. Provided senior point of contact for the client, and senior advice on strategic issues affecting construction through the White Area and the Edmonton TUC.

Statoil Canada Ltd., Client Accountable.

Accountable for Statoil's in situ portfolio, including regulatory liaison, project direction, and client relationship management. Examples of current projects include: wildlife, surface water, and wetlands mitigation and monitoring programs; Scheme Amendment applications; wildlife research; groundwater assessments; pipeline and well pad construction monitoring; and pre-disturbance assessments (PDAs).

Dover OPCO Environmental Field Reports and Pre-disturbance Assessments. Project Manager.

Responsible for delivering environmental information to support environmental field reports and PDAs for an in situ project.

Shell Canada Jackpine Mine Expansion and Pierre River Mine. Fort McMurray, Alberta.

Project Director for environmental baseline studies and EIA on a 50,000 ha study area north of Fort McMurray to support an oil sands open pit mine application.

Shell Canada Muskeg River Mine Expansion. Fort McMurray, Alberta.

Project Director of the EIA completed for an open pit mine EIA. Responsibilities included EIA completion, stakeholder consultation, supplemental information submission, and Joint Panel hearing witness.

MEG Energy Christina Lake Regional Project, Conklin, Alberta.

Project Director of the EIA completed for a pilot and commercial steam-assisted gravity drainage (SAGD) projects. Role focussed on EIA production and integration of the client, stakeholder, and EIA teams.

PROJECT EXPERIENCE/PROFESSIONAL EXPERIENCE

Petro-Canada Meadow Creek. Anzac, Alberta.

Assisted with hearing preparation, focusing on the terrestrial components.

Shell Canada Jackpine Mine – Phase 1. Fort McMurray, Alberta.

Project Manager of the EIA completed for an open pit mine EIA. Role focussed on EIA production and integration of the client, regulatory, stakeholder, and EIA teams. Assisted in preparation for the regulatory hearing.

Rio Alto Kirby Project. Lac La Biche, Alberta.

Project Manager of the EIA completed for an in situ SAGD project.

Confidential Client Geotech Drilling.

Prime Consultant Project Manager for a geotechnical drilling for a pipeline project in the Yukon and northern BC.

OPTI-Canada Heavy Oil Upgrader Pilot Project. Cold Lake, Alberta.

Manage environmental components of applications to Alberta Energy and Utilities Board (EUB) and Alberta Environment for a pilot project to upgrade bitumen recovered from an in situ heavy oil development in the Cold Lake area.

PanCanadian Christina Lake Project. Conklin, Alberta.

Managed the terrestrial, aquatic, air and socio-economic components of an EIA, EPEA application, and EUB application for a SAGD heavy oil project in northeastern Alberta. Participated in open houses, public consultation meetings, and government agency meetings.

Suncor Energy Inc. - Firebag Project. Fort McMurray, Alberta.

Managed all components of an EIA for an in situ heavy oil project, and managed environmental components of a Life Cycle Value Assessment for several pipeline and road route options.

Suncor Energy Inc. - Steepbank Mine. Fort McMurray, Alberta.

Managed the terrestrial components for an EIA and application to construct and operate an oil sands mine.

Conventional Oil and Gas Application. Hay River, Northwest Territories.

Cumulative effects analysis for an environmental assessment under the Mackenzie Valley Environmental Impact Review Board. Provided expert witness support for public consultations and a regulatory hearing.

National Energy Board Application, Pipeline. Shiha Energy Transmission. Fort Nelson, British Columbia & Fort Liard, Northwest Territories.

Project Manager for the EIA component of a s.58 application to the NEB for a 24 km pipeline and gathering system. Provide environmental and strategic advice for Information Requests from the NEB and public stakeholders.

National Energy Board Application, Pipeline. TransMaritime Gas Transmission. Nova Scotia, New Brunswick.

Expert advice and senior review on the environmental applications to the NEB of a natural gas pipeline in the Maritime provinces of Eastern Canada. Area of specialization included route selection, terrain, soils, vegetation, and protected areas.

Environmental Impact Assessment, Pipeline. Alberta Pipeline Project. Alberta and Saskatchewan.

Managed the terrestrial components for an EIA for construction of a proposed 1,200 km natural gas pipeline project in Alberta and Saskatchewan. Participated in open houses, public consultation meetings, and government regulatory meetings in Alberta and Saskatchewan.

National Energy Board Application, Pipeline. Canadian Hunter Explorations. British Columbia, Alberta.

Project Manager for a NEB application for construction of a pipeline in northern British Columbia and Alberta.

Land Use Permit Application (Environmental Assessment). Paramount Resources Ltd. Fort Liard, Northwest Territories.

Project Manager for an environmental assessment of a barge landing site, access road. and well site drilling project near Fort Liard for a Land Use Permit Application.

PROJECT EXPERIENCE/PROFESSIONAL EXPERIENCE

Environmental Assessments, Pipeline. TransCanada Pipelines Ltd. Saskatchewan, Manitoba, and Ontario.

Conducted environmental assessments for pipeline looping in Saskatchewan, Manitoba and Ontario.

Environmental Screening, Power Line. TransAlta Utilities. Alberta.

Managed an Environmental Screening Report for a power line right-of-way through environmentally sensitive lands in an Indian Reserve.

Environmental Assessments, Seismic Lines. Norex Exploration Services Inc., Mobil Oil, NRG. Alberta.

Managed environmental assessments for approvals to complete seismic operations throughout Alberta.

Environmental Assessments, Well Sites. Mobil Oil. United States.

Performed environmental assessments to describe potential environmental impacts and associated mitigation measures in support of an Indian Oil and Gas Canada application in the Blood Indian Reserve.

Conservation and Reclamation Applications, Pipelines. Alberta Energy Co. Ltd., Petromet Resources Ltd., Amoco Corporation, Imperial Oil and Serenpet Inc. Alberta.

Managed various components of C&R applications for submission to Alberta Environmental Protection for Class 1 pipelines in Alberta.

Environmental Assessments and Licensing, Gas Field. Petromet Resources Ltd. Alberta.

Conducted environmental issues assessment and licensing requirements associated with gas field construction in central Alberta.

Biophysical Assessments, Oil and Gas Facilities. Argentina and Philippines.

Conducted field reconnaissance and/or biophysical analysis to develop environmental protection measures in Argentina and the Philippines.

Pre-Construction Baseline Assessments, Well Sites. Pajak Engineering Ltd., Petromet Resources Ltd, Summit, Ocelot Energy Inc. Alberta and Saskatchewan.

Pre-construction baseline site assessment of well sites in Alberta and Saskatchewan.

EPEA and Alberta Energy and Utilities Board application for a SAGD heavy oil project in northeastern Alberta.

Participated in open houses, public consultation meetings and government agency meetings.

Environmental Assessments, Pipeline. TransCanada PipeLines Ltd. Saskatchewan, Manitoba, and Ontario.

Conducted environmental assessments for pipeline looping in Saskatchewan, Manitoba and Ontario.

Access Route Selection, Conventional Oil and Gas. Beau Canada Exploration Ltd. Saskatchewan.

Conducted an environmental assessment for access road routing for a single well site in westcentral Saskatchewan.

Waterwell Tests, Seismic and Drilling. Alberta and Saskatchewan.

Conducted numerous domestic water well tests to determine baseline well conditions before drilling and seismic activities to be conducted within 1.5 km of the residence.

Appendix II – Part B

Sundre Crossover Project – Hearing GH-002-2017

Intention for Oral Cross-Examination and Final Argument

Submit by **noon, 26 October 2017**

Name of Party:	NOVA Gas Transmission Ltd.
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Intention for Oral Cross-examination	Party (<i>Indicate whether you intend to ask questions of NGTL and/or other Intervenors</i>)	Time Duration (<i>Provide an estimate of the expected duration of your cross-examination for each Party</i>)
	Mr. Lance Greer	30 Minutes
	Mr. Duane Grace	30 Minutes
	Mr. Jeffrey Hartley	15 Minutes
	Stoney Nakoda Nations	15 Minutes

Intention for Final Argument		
	No final argument	<input type="checkbox"/>
	Oral final argument	<input checked="" type="checkbox"/>