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February 13, 2020

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Canada Energy Regulator
Suite 210, 517 10 Ave SW
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New York

Attention: Ms. L. George, Secretary of the Commission

Dear Madam:

**Re: NOVA Gas Transmission Ltd. (“NGTL”)
Edson Mainline Expansion Project (“Project”)
Hearing Order GH-001-2019 (“Hearing Order”)
File OF-Fac-Gas-N081-2019-01 02
NGTL Confirmation of Witness Panel**

Pursuant to Canada Energy Regulator (“Commission”) Procedural Update No. 3,¹ please find enclosed confirmation of the names of each witness on NGTL’s witness panel, as well as the relevant credentials of each witness.

Yours truly,



Sander Duncanson

Encl.

cc: GH-001-2019 Intervenors

¹ C04050-1.

Direct Evidence
of
Blaine Trout
NOVA Gas Transmission Ltd. (NGTL)

Canada Energy Regulatory
GH-001-2019

Q1. Please state your name and employer.

A1. My name is Blaine Trout. My employer is TC Energy, 450 - 1 Street S.W., Calgary, Alberta.

Q2. Please state your present position and qualifications.

A2. In my current role, I am Director, Marketing, Canadian Natural Gas Pipelines and am responsible for commercial aspects related to the NGTL System.

I have held several roles since joining TC Energy in 2006. Prior to my present position, I was Manager, Supply, Commercial West. In this role I was responsible for commercial aspects related to receipt service on the NGTL System. I was in this position between 2015 and 2019. From 2012 to 2015, I was Manager, Pipeline Projects. In this role I was responsible for overseeing the team managing the planning and execution of NGTL Pipeline Projects. From 2006 to 2012, I held Pipeline and Facility Project Manager positions.

I am a Civil Engineering Technologist, and I am registered with The Association of Science and Engineering Technology Professionals of Alberta. I have a Bachelor of Arts in Economics, a Masters Certificate in Project Management, and a Master of Business Administration.

Q3. Have you previously testified before the Canada Energy Regulator?

A3. Yes, I appeared as a witness for NGTL in the GH-001-2014 proceeding relating to the North Montney Mainline Project, MH-031-2017 proceeding relating to the North Montney Mainline Variance Application and Sunset Clause Extension, and RH-001-2019 proceeding relating to NGTL's Rate Design and Service Application.

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

A4. I will respond to questions regarding corporate policy and commercial matters related to NGTL's evidence.

Q5. Does this conclude your direct evidence?

A5. Yes.

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

Canada Energy Regulatory
GH-001-2019

Q1. Please state your name and employer.

A1. My name is Carrie Dunn. My employer is TC Energy, 450 - 1 Street S.W., Calgary, Alberta.

Q2. Please state your present position and qualifications.

A2. My present position with TC Energy is Team Lead, Indigenous Relations. I have accountability for overseeing engagement with Indigenous groups in Alberta and southeastern British Columbia, and oversight of Indigenous Relations inputs into regulatory applications for projects in western Canada.

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

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

Q3. Have you previously testified before the Canada Energy Regulator?

A3. Yes, I appeared as a witness for NGTL in the GH-003-2018 proceeding related to the 2021 NGTL System Expansion Project, the GH-002-2017 proceeding related to the Sundre Crossover Project, the MH-002-2017 proceeding related to the Peace River Mainline Abandonment Project and the GH-001-2014 proceeding related to the North Montney Project.

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

A4. I will respond to questions concerning Aboriginal engagement matters related to NGTL's evidence.

Q5. Does this conclude your direct evidence?

A5. Yes.

Direct Evidence
of
Craig Schell
NOVA Gas Transmission Ltd. (NGTL)

Canada Energy Regulatory
GH-001-2019

Q1. Please state your name and employer.

A1. My name is Craig Schell. My employer is TC Energy, 450 - 1 Street S.W., Calgary, Alberta.

Q2. Please state your present position and qualifications.

A2. I am currently employed as a member of the Environmental Planning and Permitting Team within the Environment, Land and Indigenous Relations Department within TC Energy as a Senior Environmental Advisor. My role as a Senior Environmental Advisor is to provide environmental technical guidance on environmental and regulatory issues including the development and implementation of company policies and procedures for TC Energy's Canada Gas capital expansion natural gas projects. I have accountability for the environmental and socio-economic assessment and obtaining any associated environmental permits for TC Energy projects.

Prior to working at TC Energy, I was employed for seven years with Fisheries and Oceans Canada as a Fish Habitat Biologist (2001-2007) and for approximately five years prior to that as an Environmental Field Technician with Golder Associates Ltd.'s Aquatics group (1995-2000). I assumed my current responsibilities with TransCanada (now TC Energy) in 2007.

I received a Diploma in Environmental Science, Renewable Resource Management from Lethbridge Community College in 1993 and a Certificate in Fish and Wildlife Technology from Lethbridge Community College in 1995. I graduated with a Bachelor of Science Degree in Environmental Science from the University of Lethbridge in 1999.

Q3. Have you previously testified before the Canada Energy Regulator?

A3. Yes, I appeared as a witness for NGTL in the GH-004-2011 proceeding relating to the Leismer to Kettle River Crossover Project.

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

A4. I will respond to questions concerning environmental matters related to the Project.

Q5. Does this conclude your direct evidence?

A5. Yes.

**Direct Evidence
of
James Power
Stantec Consulting Limited
Canada Energy Regulatory
GH-001-2019**

Q1. Please state your name and employer.

A1. My name is James Power. My employer is Stantec Consulting Limited, 200-325 25th Street SE, Calgary, Alberta.

Q2. Please state your present position and qualifications.

A2. My position with Stantec is Senior Principal and Sector Lead for Midstream, Environmental Services. I am accountable for Stantec's environmental project delivery to the midstream sector across Canada. I have held this role for seven years.

I have been employed by Stantec since July 2003 and have held leadership roles since 2005. During that period, I led or supported a large number of environmental assessment and permitting projects for a variety of public and private sector clients. These projects have spanned a number of provincial, federal and territorial jurisdictions. I am currently focused on projects regulated by the National Energy Board and latterly the Canada Energy Regulator. Example past projects include the NGTL Peace River Mainline Abandonment Project and the NGTL West Path Delivery Project. My current role on projects is typically as a senior technical reviewer. I have also managed a number of power transmission environmental assessments, and twice served as an expert witness for facility applications to the Alberta Utilities Commission (AUC).

Prior to joining Stantec, I worked as an environmental consultant for ARC (now Pinchin) in Calgary (2000-2003) and in post-doctoral research in Coleraine, Northern Ireland (1994-2000).

I hold a Doctor of Philosophy (Ph.D.) from the University of Ulster and a Bachelor of Environmental Science from the University of Plymouth.

Q3. Have you previously testified before the Canada Energy Regulator?

A3. No

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

A4. I will respond to questions concerning the Environmental and Socio-Economic Assessment (ESA) prepared by Stantec.

Q5. Does this conclude your direct evidence?

A5. Yes.

James Power B.Sc., Ph.D., EP

Senior Principal, Sector Leader, Midstream

James Power is a Senior Principal with over 25 years of professional experience. He has held a number of leadership positions over the course of his 16 year career at Stantec. For the past six years, he has served as Stantec's environmental services midstream leader, providing hands-on direction and governance to a national team of account leads and support staff. James has combined his national midstream role with leadership of a large portfolio of National Energy Board (NEB), Canadian Energy Regulator (CER) and provincial projects spanning new builds, operations, decommissioning and abandonment. In a prior role, he served as Stantec's Account Manager for AltaLink, providing technical and operational oversight for a major transmission expansion portfolio. This period included two opportunities to serve as an expert witness at Alberta Utilities Commission (AUC) hearings. James combines his business development and relationship management skills with project roles as a regulatory specialist and environmental assessment practitioner. As a senior project director, he has completed numerous projects for upstream, midstream and power sector clients across several Canadian provinces and territories. He contributes technical knowledge across various biophysical and socio-economic disciplines and is a highly effective senior reviewer.

EDUCATION

Doctorate Degree, Vegetation and Land Use Change, University of Ulster, Belfast, Ireland, 1995

Bachelor of Science, Environmental Science, University of Plymouth, Plymouth, United Kingdom, 1990

PROFESSIONAL DESIGNATIONS

Environmental Professional (EP) Certification

PROJECT EXPERIENCE**Oil & Gas Midstream, Pipelines**

TC Energy (Program Director)

Serves as Program and Project Director for a number of NEB Section 45, 52, 58 and 74 applications, as well as CER Section 182 and 214 applications. Recent projects include NGTL 2023 program (CER Section 182 and 214), NGTL 2022 (Section 52), NGTL 2020 and NGTL 2018

Expansions (Section 58), Upland (Section 52, a component of Energy East), Peace River Mainline Abandonment (Section 74) and over 50 other pipeline, compressor station and meter station applications. Acted as Stantec's lead for NGTL Westpath Expansion Project during written proceedings. Projects include new developments, decommissioning and abandonment projects, and span BC, Alberta, Saskatchewan, Manitoba and Ontario.. Provides direction to a large team of TCE-focused Project Managers and technical staff. Leads project and program level governance efforts with TCE's leadership.

Keystone XL Pipelines Project, Alberta (Project Director)

Served as Project Director for the environmental component of Keystone XL - a National Energy Board regulated pipeline (Section 52). Lead environmental aspects of pipeline routing and siting. Developed framework for environmental and socio-economic assessment (ESA). Contributing author to the ESA. Provided oversight to 2016 and 2017 programs to address NEB conditions.

TransGas, Macklin and Shaunavon Compressor Stations (Project Director).

Project Director and senior reviewer for two National Energy Board Section 58 compressor stations in Saskatchewan.

Tundra Energy Marketing Limited (TEML). Pipestone Creek Pipeline Replacement (Project Director).

Project Director and senior reviewer for two NEB Section 43 and 58 Applications for pipeline replacements in Manitoba.

Enbridge Athabasca, Northeast Alberta (Project Director)

Provided technical advice and input on Athabasca Pipeline Twinning (APT) and Wood Buffalo Expansion (WBE) projects - two Alberta Class I pipeline requiring conservation and reclamation applications. Assisted with regulatory scoping for the pre-construction and construction stages. Provided input to the Post Construction Reclamation Assessment for APT.

Pembina Pipeline, Alberta (Project Director)

Provided technical advice and senior review for the Hythe Class I sour gas pipeline (55 km) and Two Lakes (15 km) and Karr (35 km) Class II pipeline projects in NW Alberta.

Inter Pipeline Limited, Alberta (Project Director)

Provided technical advice and senior review for the Stettler South Class I NGL pipeline (80 km) in eastern Alberta.

Suncor, Alberta (Project Director)

Provided technical advice and senior review for the Meadow Creek sales and diluent pipelines (40 km) in north-east Alberta.

Husky Energy. Pipeline Conservation and Reclamation (C&R) Applications, Northeast Alberta (Project Director)

Provided technical guidance for the Husky Hardisty to Elk Point Class I Pipeline Project. Assisted with regulatory scoping for the pre-construction and construction stages.

Husky Energy. Pipeline Conservation and Reclamation Applications, Southern Alberta (Project Manager)

Managed two Class I pipeline conservation and reclamation applications in Majorville, AB. These projects required a detailed assessment of soils, a reclamation and re-vegetation plan for native prairie and rerouting to avoid burrowing owl nests and a Great Plains toad breeding site.

Mackenzie Gas Project Environmental Protection/Mitigation Summaries, Northwest Territories (Technical Advisor)

Prepared wildlife mitigation summaries for the Mackenzie Gas Project. Participated in a preliminary review of granular resources for the Mackenzie Gas Project (Sahtu area). Responsibilities involved assembling and managing field teams and report collation and review.

Apache Canada. Geotechnical Evaluations of Proposed Pipeline Crossings, Northwest Alberta (Project Manager)

Managed geotechnical evaluations of proposed directionally drilled pipeline crossings.

Inter Pipeline Limited. Design, Regulatory and Construction Stages of a Pipeline Repair on the Battle River* (Project Manager)

Managed the design, regulatory and construction stages of a pipeline repair. The project involved feasibility studies, dam installation, dewatering, pump bypass and construction of an engineered rock sill to increase depth of cover.

Husky Energy. Pipeline Conservation and Reclamation (C&R) Applications, Northwest Alberta (Project Manager)*

Project Manager for seven Class I pipeline Conservation and Reclamation applications for Husky Energy in northwest Alberta. Managed the field assessment; application preparation; filing and review with regulators. Several projects required stand-alone archaeological studies and watercourse crossing assessments.

China National Petroleum Company (CNPC). CEAA Screening on the Enoch Reserve*, Near Edmonton, Alberta (Project Manager)

Prepared a CEAA screening for Indian Oil and Gas Canada for a pipeline on the Enoch Reserve.

Oil & Gas Upstream, Conventional

Petro-Canada Sour Gas Development at Savanna Creek and Sullivan (Project Director)

Project director for a number of route and site selection studies and environment assessments between 2004-2012 under the terms of the Alberta Energy Resources Conservation Board IL-93 "Energy Development on the Eastern Slopes". Supported Petro-Canada's development of sour gas plays at Savanna and Sullivan Creek. This required an environmental assessment of a multi-year drilling, pipeline and facility project. The project is characterized by high constructability constraints; high wildlife, fisheries and landscape sensitivities; and significant stakeholder concerns. Supported the planning and execution phase, including project design, stakeholder consultation, regulatory strategy, ERCB hearing and post-approval conditions.

Petro-Canada Applications to Drill a Critical Sour Gas Well* (Project Manager)

Project Manager for an environmental assessment for Petro-Canada for applications to Alberta Sustainable Resource Development and the Alberta Energy & Utilities Board to drill a critical sour gas well in the Ghost area.

BP Noel Area, Environmental and Social Impact Assessment, Northeast British Columbia (Project Director)

Provided senior direction for an environmental and social impact assessment conducted on behalf of BP. Participated in desktop screenings of a number of confidential locations and attended a workshop to categorize project risks.

Shell Wapiti and OJ Areas Environmental Assessments, British Columbia (Technical Advisor)

Provided senior direction for a number of Oil and Gas Commission environmental assessments.

Chevron Canada Inuvialuit Environmental Screening Committee Project Descriptions (Project Manager)

Prepared project descriptions for the committee for field survey assessment, seismic, geotechnical and drilling projects in the Mackenzie Delta. Projects included Garry 3D Seismic Program; Taktuk, Langley and Farewell Drilling Programs; Garry Drilling Program; Ellice Drilling Program; Taktuk 3D Seismic Program; and Ellice/Taktuk Drilling Programs. These projects also included filing regulatory applications to the Mackenzie Valley Land and Water Board, Indian and Northern Affairs Canada and the National Energy Board. Provided senior direction for a sump re-vegetation program (2004-2008) and sump site suitability geotechnical assessments (2006) in the Mackenzie Delta. Carried out a gap analysis and information review on a proposed gas production facility in the Mackenzie Delta.

Mallik Gas Hydrates Drilling Program (Senior Reviewer)

Provided senior direction to the Mallik Gas Hydrates Drilling Program.

Encana Inuvialuit Environmental Screening Committee Project Descriptions, Mackenzie Delta, Alberta (Project Manager)

Prepared project descriptions for the committee for field survey assessment, seismic, geotechnical and drilling projects in the Mackenzie Delta. Projects included Corral Bay 2D Seismic Program, Burnt Lake Drilling Project and Umiak N-16 Drilling Program. These projects also included filing regulatory applications to the Mackenzie Valley Land and Water Board, Indian and Northern Affairs Canada and the National Energy Board.

ConocoPhillips Canada Geomatics and Planning Service Delivery to the Foothills Business Unit (Project Director)

Services included pre-screening of potential land acquisitions, pre survey desktop planning, caribou protection plan updates, area operating agreement drafting and watercourse crossing assessments.

Taurus Exploration Post-Impact Study on Creek*, Whitecourt, Alberta (Project Manager)

Managed a post-impact study of the extent and effects of a release of bentonite-based drilling mud following a frac-out while directional drilling a small creek.

Vermillion Energy Construction of Watercourse Crossings* (Senior Practitioner)

Supervised the construction of crossings using flow isolation (i.e., dam and pump). Prior to construction, fish habitat assessments were conducted. Post-construction sediment monitoring reports and habitat compensation plans were submitted to regulators.

Oil & Gas Facilities

Compton Mazeppa Gas Plant, Site-Specific Liability Assessments (Senior Practitioner)

Provided abandonment and reclamation input to site-specific liability assessments.

Taurus Energy Permit Amendments, Phase I and II ESAs and Remediation for a Sour Gas Plant*, Whitecourt, Alberta (Project Manager)

Managed permit amendments, Phase I and II environmental site assessments and remediation for an Alberta EPEA -regulated closure and decommissioning of a sour gas plant.

Acclaim Energy Trust Sour Gas Plant Permit Amendments and Dispersion Modelling, Peace River, Alberta (Project Manager)

Managed permit amendments and dispersion modelling on behalf of Acclaim Energy Trust for a sour gas plant. Represented client's interests in a meeting with Alberta Environment compliance officers.

Oil & Gas Upstream, Oil Sands

ConocoPhillips Surmont In-Situ SAGD Project C&R Plan and PDA (Project Manager)

Prepared a conservation and reclamation plan and associated pre-disturbance assessments for Phase 1 of the project. Responded to information requests.

MEG Energy Oil Sands Project Pilot Application and Commercial Environmental Impact Assessment (Project Manager)

Managed components of the MEG Energy Regional Oil Sands Project Pilot Application and Commercial EIA.

Jacos Hangingstone Suspension and Archiving of the Commercial Application (Project Manager)

Managed the suspension and archiving of the commercial application for JACOS Hangingstone In-situ oil sands project.

Athabasca Chipewyan First Nation Environmental Impact Assessment Review* (Technical Advisor)

Reviewed the terms of reference for EIAs for Petro-Canada's Meadow Creek and Lewis SAGD projects, and True North's Fort Hills Mine.

Transmission & Distribution

AltaLink Management Limited, Alberta (Program Director, Account Manager)

Overall responsibility for all environmental, siting and regulatory work done by Stantec for AltaLink. Examples include Heartland, Western Alberta Transmission Line, Foothills Area Development; Goose Lake to Etzicom Coulee; Fidler to Chapel Rock, Medicine Hat 138 kV etc). Provided direction to a team of 50+ Project Managers and technical staff. Lead governance efforts with AltaLink leadership.

AltaLink Foothills Area Transmission Development, Calgary - Fort MacLeod, Alberta (Project Director)

Project Director for the environmental components of the Foothills Area Transmission Development 240 kV and 138 kV group of transmission line projects in the Calgary – Fort MacLeod area. Senior review of the Environmental Evaluation submitted with the Facility Application. Participated in the preparation of responses to Information Requests from Alberta Utilities Commission and interveners. Served as expert witness at the AUC hearing in May 2013. Provided oversight for regulatory applications for the construction phase.

AltaLink Cassils to Bowmanton to Whitla 240-kV Transmission Line Project, Medicine Hat, Alberta (Project Director)

Project Director for the environmental components of the Cassils to Bowmanton to Whitla 240 kv transmission line in the Brooks – Medicine Hat area. Directed the preparation of the Environmental Evaluation submitted as part of the Facility Application. Participated in the preparation of responses to Information Requests from Alberta Utilities Commission and interveners. Served as expert witness at the AUC hearing. Project Director for the environmental program for the construction phase.

Syncrude Canada. Transmission Line Environmental Assessments and Regulatory Applications, Fort MacKay Region, Alberta (Project Manager)

Managed environmental regulatory strategy and applications for a 30-km Syncrude Canada 240-kV transmission line. The project included crossings of a number of waterbodies including the Athabasca River.

Roadways

Parks Canada Regulatory Approvals and Crossing Assessment Process for Parks Canada, Lake Louise, Alberta (Project Manager)

Retained by Clifton-ND Lea to manage the regulatory approvals and crossing assessment process for Parks Canada for the Bow River East Crossing at Lake Louise, part of Phase 3B of the TransCanada Highway Twinning Project.

Cement / Aggregates

Parks Canada Assessment of Granular Resources in Glacier National Park* (Project Manager)

Manager of an assessment of granular resources available to Parks Canada in Glacier National Park. This study included an inventory of all known aggregate sites between Revelstoke and Golden and an economic/environmental comparison of three potential extraction sites.

Heavy Rail

Canadian Pacific Rail Assessment of Railway Siding Extension Projects (Project Co-manager)

Co-managed the assessment of a number of railway siding extension projects including Canadian Environmental Assessment Act regulated projects.

**Direct Evidence
of
Matthew Watson
NOVA Gas Transmission Ltd. (NGTL)**

**Canada Energy Regulatory
GH-001-2019**

Q1. Please state your name and employer.

A1. My name is Matthew Watson. My employer is TC Energy, 450 - 1 Street S.W., Calgary, Alberta.

Q2. Please state your present position and qualifications.

A2. My present position with TC Energy is Project Manager, Edson Mainline Expansion (the Project). I am responsible for the development and implementation of the Project and leading the Project team. This includes routing, engineering, integration of the Project with the existing NGTL System and preparation for turnover of the Project for operation. I have been in this role since April 2018.

I started my career with NGTL in 2014, and have worked as a project manager prior to NGTL including at Strad Energy. I have completed work on a number of pipeline and facility projects in Alberta, Saskatchewan and Ontario.

I have a Bachelor of Commerce from the University of Calgary.

Q3. Have you previously testified before the Canada Energy Regulator?

A3. No.

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

A4. I will respond to questions concerning routing, facilities, engineering, construction, operations, emergency response and land matters related to NGTL's evidence.

Q5. Does this conclude your direct evidence?

A5. Yes.