NORTHERN BORDER PIPELINE COMPANY (NBPL)

COMMERCIAL OPERATIONS
(System Operations)

**Director – System Operations.** This position is responsible for the day to day activities of Gas Control, Operations Planning and System and Capacity Management groups, including the development of budgets, plans, strategies, and goals for the 24/7 gas control activities of the USPC transmission assets. This position is a Transmission Function Employee.

**Manager, Gas Control West.** Manages the Gas Control monitoring and control processes for day-to-day control and dispatch of all pipeline flows, including pipeline inventory, daily capacity, delivering/receiving scheduled gas flows, monitoring all gas compressor station, interconnect points, and meter stations for alarms and shut downs. Manages the Gas Control response to planned and unplanned outages/events to assure safe effective and efficient operation of the pipeline. Prioritizes issues and tasks requiring technical support. This position is a Transmission Function Employee.

**Supervisor, Gas Control.** Assists the Manager, Gas Control in supervising the day-to-day control and dispatch of all pipeline flows, including pipeline inventory, daily capacity, delivering/receiving scheduled gas flows, monitoring all gas compressor stations, interconnect points, and meter stations for alarms and shut downs. Provides direction and assistance to Gas Controllers when required. This position is a Transmission Function Employee.

**Gas Controller (6 positions).** Responsible for providing 24 x 7 safe, effective, and efficient remote operation, monitoring and control of the pipeline to ensure the required gas volumes, linepack, quality, and contract pressures are achieved on a daily basis in conjunction with Operations Planning and Field Operations. Monitors system hydraulics and provides recommendations as required. Respond to line upsets, unscheduled outages, alarm, and event handling. Documents and records system events. This position is a Transmission Function Employee.

**Manager, System Operations.** This position is responsible for project management of proposed facility additions and modifications and operational changes pertaining to System Operations. This position is a Transmission Function.

**Manager, Operations Support and Development.** This position is responsible for supervising the day-to-day and long-term business support functions pertaining to System Operations.
Responsibilities include development and management of System Operations, Training and Operator Qualification programs and for management of departmental procedures and processes. Represents System Operations on the evaluation of various processes and procedures and participates in industry and legislative initiatives and special projects that affect System Operations. This position is a Transmission Function Employee.

**Engineer 3.** This position supports development and maintenance of the Alarm Management and Controller Training Programs, the Control Room Security and SCADA Access Reports, and various other PHMSA-mandated process and procedures. This position also supports maintenance of the Controller Notes and Field Callout databases. This is a Transmission Function Employee.

**Manager, Facility Planning.** This position is responsible for the day to day management of outage analysis, system design, capacity determination, system optimization, and operational analysis. This position is also responsible for developing cost effective facility designs that enhance long-term revenue and competitive market position. This position is a Transmission Function Employee.

**Engineer 5 (2 positions).** This position is a design lead and responsible for developing cost effective facility designs that enhance long-term revenue and competitive market position, and evaluates long-term firm capacity capability. This position is a Transmission Function Employee.

**Engineer 5 (2 positions).** This position is an outage coordination lead and responsible for outage analysis and reporting, pipeline operational analysis and external customer communication. This position is also responsible for daily pipeline optimization and outage impact minimizing. This position is a Transmission Function Employee.

**Engineer 4.** This position is responsible for outage analysis and reporting, pipeline operational analysis and external customer communication. This position is also responsible for daily pipeline optimization and outage impact minimizing. This position is a Transmission Function Employee.

**Engineer 4.** This position is responsible for developing cost effective facility designs that enhance long-term revenue and competitive market position. This position is also responsible for determining and approving long-term and short-term firm system capacity, fuel and line pack requirements, and analyzing system optimization. This position is a Transmission Function Employee.

**Engineer 4** This position is responsible for outage analysis and reporting, pipeline operational analysis and external customer communication. This position is also responsible for daily pipeline optimization and outage impact minimizing. This position is also responsible for
determining and approving long-term and short-term firm system capacity, fuel and line pack requirements. This position is a Transmission Function Employee.

**Engineer 3 (2 positions).** This position is responsible for developing incremental facilities for firm service. This position is responsible for determining and approving long-term and short-term firm system capacity, fuel and line pack requirements, and analyzing system optimization. This position is a Transmission Function Employee.

**Manager – Operations Control.** This position is responsible for the day to day management of capacity management, analyzing, approving and reporting system capacity and analyzing daily system optimization. This position is a Transmission Function Employee.

**Business Analyst 4 (2 positions).** This position is responsible for outage reporting, operational data reporting, analysis and external customer communication. This position is a Transmission Function Employee.

**Business Analyst 3.** This position is responsible for outage reporting, operational data reporting, analysis and external customer communication. This position is a Transmission Function Employee.

**Business Analyst 4.** This position is responsible for maintaining and supporting Gas Control reports and system tools and analyzing daily system optimization. This position is also responsible for approving long-term and short-term firm system capacity. This position is a Transmission Function Employee.

**Business Analyst 2.** This position is responsible for maintaining and supporting Gas Control reports and system tools. This position is also responsible for approving long-term and short-term firm system capacity. This position is a Transmission Function Employee.

**Business Analyst 2.** This position is responsible for maintaining, analyzing and reporting system capacity and supporting Gas Control reports and system tools. This position is also responsible for approving long-term and short-term firm system capacity. This position is a Transmission Function Employee.

**Principal Analyst.** This position is responsible for monitoring and reconciling imbalance activity. This position is a Transmission Function Employee.

**Senior Analyst.** This position is responsible for monitoring and reconciling imbalance activity. This position is a Transmission Function Employee.
BUSINESS OPERATIONS

Director, Business Operations. This position is responsible for (i) facilitating coordination of operating capital programs and special projects to assure least cost project implementation; and (ii) financial and cost justification to support improvements for operating efficiency or obsolescent replacements. This position is a Transmission Function Employee.

Manager, Business Operations. This position is responsible for representing and managing the commercial interests of the pipeline in all operational projects, system modifications, and pipeline connection contracts. This position is a Transmission Function Employee.

Analyst, Business Development. This position is responsible for providing volume and financial support for pipeline projects under consideration. This is a Transmission Function Employee.

Analyst, Business Operations. This position is responsible for facilitating coordination of capital programs and projects. This is a Transmission Function Employee.

COMMERCIAL SERVICES

Director, Commercial Services. This position is responsible for directing the day to day commercial business activity for NBPL, including contracting, capacity release, nominations and scheduling, allocations, invoicing and related accounting entries. This position is a Transmission Function Employee.

Manager, Measurement Services and Gas Quality. This position is responsible for managing the day to day functions for data integrity, gas quality and measurement. This position is a Transmission Function Employee.

Supervisor, Gas Quality. This position is responsible for gas quality analysis. This position is a Transmission Function Employee.

Principal Analyst. This position is responsible for gas quality analysis. This position is a Transmission Function Employee.

Senior Analyst (6 positions). This position is responsible for measurement analysis. This position is a Transmission Function Employee.

Principal Analyst. This position is responsible for volume balancing and measurement analysis. This position is a Transmission Function Employee.
Principal Analyst. This position is responsible for measurement data integrity analysis. This position is a Transmission Function Employee.

Analyst. This position is responsible for measurement analysis. This position is a Transmission Function Employee.

Manager, Contract Management. This position is responsible for managing the day to day functions relating to contracts, capacity release, security administration and customer service issues. This position is a Transmission Function Employee.

Principal Account Representative (3 positions). This position is responsible for resolving customer service issues, contracting and capacity release. This position is a Transmission Function Employee.

Principal Analyst (2 positions). This position is responsible for resolving customer service issues, credit providing system enhancements and support. This position is a Transmission Function Employee.

Specialist. This position is responsible for resolving customer service issues, credit providing system enhancements and support. This position is a Transmission Function Employee.

Senior Account Representative (2 positions). This position is responsible for resolving customer service, contracting and capacity release issues. This position is a Transmission Function Employee.

Senior Account Representative. This position is responsible for security administration for internal and external users on transactional systems that maintain contract, capacity release and nominating information. This position is a Transmission Function Employee.

Account Representative. This position is responsible for resolving customer service issues, contracting and capacity release. This position is a Transmission Function Employee.

Manager, Nominations & Scheduling West. This position is responsible for managing the day to day activities relating to nominations, scheduling and imbalances. This position is a Transmission Function Employee.

Senior Scheduling Representative (5 positions). This position is responsible for nominations, scheduling and confirmations of gas flow activity. This position is a Transmission Function Employee.

Specialist. This position is responsible for nominations, scheduling and confirmations of gas flow activity and providing system enhancements and support. This position is a Transmission Function Employee.
Principal Scheduling Representative (3 positions). This position is responsible for nominations, scheduling and confirmations of gas flow activity and providing system enhancements and support. This position is a Transmission Function Employee.

Scheduling Representative. This position is responsible for nominations, scheduling and confirmations of gas flow activity and providing system enhancements and support. This position is a Transmission Function Employee.

Manager, Transportation Services Accounting. This position is responsible for managing the day to day functions for gas accounting, customer invoicing, and allocations. This position is a Transmission Function Employee.

Supervisor. This position is responsible for managing the day to day functions for gas accounting, customer invoicing and allocations. This position is a Transmission Function Employee.

Principal Accountant. This position is responsible for gas accounting and customer invoicing and providing system enhancements and support. This position is a Transmission Function Employee.

Specialist. This position is responsible for gas accounting and customer invoicing and providing system enhancements and support. This position is a Transmission Function Employee.

Senior Analyst. This position is responsible for the allocation of gas to all receipt and delivery points of the pipelines system. This position is a Transmission Function Employee.

Principal Analyst. This position is responsible for the allocation of gas to all receipt and delivery points of the pipelines system. This position is a Transmission Function Employee.

Accountant (2 positions). This position is responsible for gas accounting and customer invoicing. This position is a Transmission Function Employee.

Senior Accountant (5 positions). This position is responsible for gas accounting and customer invoicing. This position is a Transmission Function Employee.

Principal Accountant (2 positions). This position is responsible for gas accounting. This position is a Transmission Function Employee.

Senior Accountant. This position is responsible for gas accounting. This position is a Transmission Function Employee.
BUSINESS DEVELOPMENT

**Director, Business Development West & Strategy.** This position is responsible for overseeing the negotiation and implementation of new connections and pipeline modifications for NBPL. This position is also responsible for customer relationships and revenue generation for NBPL. This position is a Transmission Function Employee.

**Manager, Strategy.** This position is responsible for overseeing the strategic analysis and planning activities for all TransCanada U.S. Pipelines assets and for organizing long-term strategic plans. This position is a Transmission Function Employee.

**Strategy Analyst.** This position is responsible for conducting and overseeing strategic analysis that supports decision making by senior commercial leadership for all TransCanada U.S. Pipelines. This position is a Transmission Function Employee.

**Manager, Marketing.** This position is responsible for marketing NBPL capacity, identifying and implementing interconnect, lateral and other growth projects and developing and maintaining customer relations. This position is a Transmission Function Employee.

**Account Director.** This position is responsible for marketing NBPL capacity, identifying and implementing interconnect, lateral and other growth projects and developing and maintaining customer relations. This position is a Transmission Function Employee.

**Business Analyst 5.** This position is responsible for assisting in the marketing of NBPL capacity, analyzing potential projects and modeling assumptions, prepares revenue budgets and administers electric, waste heat and meter testing agreements. This position is a Transmission Function Employee.

MARKETING

**Vice-President, Marketing.** This position has overall profit and loss accountability, and is responsible for the day to day commercial and marketing functions for Northern Border. This position is a Transmission Function Employee.

**Director, Long Term Marketing.** This position is responsible for profit and loss accountability and marketing capacity on a long term basis. This position is also responsible for maintaining relationships with our long term customers. This position is a Transmission Function Employee.
Director, Short Term Marketing. This position is responsible for overseeing the activities related to marketing of pipeline and storage capacity. This position is a Transmission Function Employee.

Manager, Long Term Marketing. This position is responsible for managing and developing the account manager staff to ensure that annual sales revenue goals are met and sales of capacity are optimized. This position also acts as the primary contact in providing customer services to new and existing customers. This position is a Transmission Function Employee.

Manager, Marketing (2 positions). This position is responsible for managing and developing the account manager staff to ensure that annual sales revenue goals are met and sales of capacity are optimized. This position also acts as the primary contact in providing customer services to new and existing customers. This position is a Transmission Function Employee.

Account Manager (8 positions). This position is responsible for optimizing the sales of capacity on our pipeline to generate revenue. This position also acts as the primary contact in providing customer services to new and existing customers. This position is a Transmission Function Employee.

Business Analyst 1. This position is responsible for developing and maintaining various reports which will assist account managers in analyzing pricing spreads on our pipeline and competitors. This position is responsible for assisting our account managers in optimizing the sales of capacity on our pipeline to generate revenue. This position will also be a secondary contact in providing customer service to new and existing customers. This position is a Transmission Function Employee.

Manager, Pricing & Analysis. This position is responsible for leading business analysis, understanding natural gas market drivers, communicating impact to throughput and value on pipeline assets, and anticipating changes in the natural gas marketplace, including identifying longer-term commercial opportunities. This position is a Transmission Function Employee.

Business Analyst 5. This position is responsible for analyzing day-to-day changes within the natural gas market, communicating impact to throughput and value on pipeline assets, and anticipating near-term market changes. Additionally, this position analyzes and understands short and long-term natural gas market fundamentals to support capacity pricing strategies, business analysis and identification of longer-term commercial opportunities. This position is a Transmission Function Employee.

Business Analyst 4. This position is responsible for analyzing day-to-day changes within the natural gas market, communicating impact to throughput and value on pipeline assets, and anticipating near-term market changes. Additionally, this position analyzes and understands short and long-term natural gas market fundamentals to support capacity pricing strategies,
business analysis and identification of longer-term commercial opportunities. This position is a Transmission Function Employee.

**Business Analyst 2 (2 positions).** This position is responsible for developing and maintaining data sources to help analyze energy demand, supply and competitive forces that impact value and throughput in both the short and long-term. This position is a Transmission Function Employee.

**RATES & TARIFFS**

**Director, Rates and Tariffs.** This position is responsible for overseeing the department which maintains NBPL’s FERC gas tariff, files and administers NBPL’s rate proceedings, and submits related compliance filings to the FERC. This position is a Transmission Function Employee.

**Manager, Rates.** This position is responsible for the filing and administration of NBPL’s rate proceedings, the submission of related compliance filings to the FERC, and the preparation of general rate analyses associated with NBPL and NBPL capital projects. This position is a Transmission Function Employee.

**Regulatory Analyst (5 positions).** This position is responsible for the preparation and support of NBPL’s rate cases and related materials, and general rate analyses associated with NBPL’s and NBPL capital projects. This position is a Transmission Function Employee.

**Manager, Tariffs & Compliance.** This position is responsible for maintaining NBPL’s FERC gas tariff and submitting related compliance filings to the FERC. This position is a Transmission Function Employee.

**Regulatory Analyst (3 positions).** This position is responsible for the preparation of NBPL’s rate and tariff materials, and related compliance matters. This position is a Transmission Function Employee.

**Grad Rotational Program.** This position has duties that overlap both analyst groups noted above. This position is a Transmission Function Employee.

**FIELD OPERATIONS**

**Director, Borders West Region.** Responsible for directing, planning and controlling the continuous and safe operation, maintenance and improvement of the Northern Border gas transmission system. Oversees Area Managers and field O & M Teams who are responsible for field operation, maintenance and technical service. This position is a Transmission Function Employee.
Manager, Dakota Area. This position provides leadership for and management of field positions in Northern Border’s Dakota Area. This position is a Transmission Function Employee.

Manager, Mid-States Area. This position provides leadership for and management of field positions in Northern Border’s Mid-States Area. This position is a Transmission Function Employee.

Asset Reliability Manager. Responsible for developing and managing the region integrity plans in the pipeline, compression and measurement areas to ensure compliance with the Department of Transportation’s regulatory requirements, environmental and safety regulations, as well as issues related to business processes within Field Operations. Also responsible for managing the region project management function. This position is a Transmission Function Employee.

Facility Work Planner. Manages the activities of outage coordination and system efficiency to ensure maximization of system throughput. This position is a Transmission Function Employee.

Mechanical Specialist. Responsible for providing technical and non-technical support related to operations and maintenance of compression equipment. This position is a Transmission Function Employee.

Project Manager, Regional (2 positions). Responsible for the identification, development, justification and implementation of regional capital and maintenance projects throughout the natural gas pipeline system. This position is a Transmission Function Employee.

Control Specialist (2 positions). Responsible for providing technical and non-technical support related to operations and maintenance of control equipment. This position is a Transmission Function Employee.

Measurement Specialist. Responsible for providing technical and non-technical support related to operations and maintenance of measurement equipment. This position is a Transmission Function Employee.