

## DEFINITIONS

### ANNUAL CAPACITY

Annual capacity means the average sustainable throughput rate of a pipeline over a year. Annual Capacity is calculated assuming historic average annual and operating conditions. These operating conditions include scheduled and unscheduled maintenance, normal operating problems and crude supply rateability. Annual Capacity of a pipeline is typically 90% of Design Capacity.

### APPLICANT

Enbridge Pipelines (North Dakota) LLC.

### AVOIDANCE AREA

An Avoidance Area shall not be considered in the routing of a transmission facility, or in the case of the proposed project, the upgrade of an existing facility, unless there are no reasonable alternatives.

### DESIGN CAPACITY

The theoretical capacity of a pipeline for a given type of liquid and their batch sequence. Design Capacity is calculated assuming theoretically ideal operating conditions.

### DELIVERY

A volume received at a location where the hydrocarbon commodity enters the Enbridge pipeline system.

### ENBRIDGE

Enbridge is the term used to collectively describe the various Enbridge companies, affiliates and legal entities, some of which are defined below.

### ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Enbridge Energy, Limited Partnership owns and operates the liquid pipeline system known as the Enbridge "Lakehead System". Together with Enbridge Pipelines Inc. in Canada, these operationally integrated pipeline systems form the longest liquid petroleum pipeline in the world.

### ENBRIDGE MAINLINE SYSTEM

A term used to described the U.S. and Canadian portion of a major liquid pipeline systems owned by Enbridge Energy, Limited Partnership and Enbridge Pipelines Inc. respectively.

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### ENBRIDGE PIPELINES INC.

Enbridge Pipelines Inc. is a wholly owned subsidiary of Enbridge Inc., who owns and operates the Canadian portion of the existing Enbridge Mainline System. These operationally integrated pipeline systems which interconnect at the U.S./Canadian International Border Line to form the longest liquid petroleum pipeline in the world. Together, these two systems are referred to as the “Enbridge Mainline System.”

### ENBRIDGE PIPELINES (NORTH DAKOTA) LLC (“EPND”)

Enbridge Pipelines (North Dakota) LLC (“EPND”) is a wholly owned partner of Enbridge Energy Partners L.P. EPND owns and operates a crude oil gathering and interstate transportation system that gathers crude oil from points near producing oil wells in North Dakota and Montana. Most deliveries from the approximately 185,000 bpd on the North Dakota System are made at Clearbrook, Minnesota, which provides connections with the Enbridge Mainline (Lakehead) System and a third-party pipeline that transports crude oil to refineries in the Minneapolis/St. Paul area. With the reversal of Line 26, EPND also has export capacity to transport 25,000 bpd north to the US/Canadian International Border for further transportation by EPND’s affiliates to Steelman and Cromer for access to Enbridge’s Mainline System. See Exhibit A, EPND System Overview Map.

### EXCLUSION AREA

An Exclusion Area is a geographical area that should be excluded from consideration for the routing of a transmission facility, or in the case of the proposed project, the upgrade of an existing facility.

### LINE 26 REVERSAL PROJECT

The reactivation and flow reversal of Enbridge’s Line 26 and placing the line in northbound transportation service to move an incremental 25,000 Bpd of crude oil production from Berthold, North Dakota to the international boundary between the U.S. and Canada.

### NWP 12

A Nationwide Permit Program authorized by the U.S. Army Corps of Engineers that is specially-gearred to the construction of utility lines, such as pipelines, which do not result in the loss of greater than ¼ acre of waters (wetlands and waterbodies) of the United States.

### NWP 14

A Nationwide Permit Program authorized by the U.S. Army Corps of Engineers that is specially-gearred to the construction, expansion, modification, or improvement of linear transportation crossings (e.g., highways, railways, trails, and airport runways and taxiways) in waters of the United States, including wetlands. The applicant must meet specific criteria identified by the COE and is subject to acreage and linear limits.

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### POLICY CRITERIA

Policy criteria are those factors which are positively affected by the project that may lead the Commission to give preference to an applicant.

### RECEIPT

A volume at a location where the hydrocarbon commodity enters the Enbridge Pipeline (North Dakota) LLC pipeline system.

### SELECTION CRITERIA

Selection criteria are those environmental resources and land use factors for which the project must have an acceptable minimum amount of impact, as determined by the North Dakota Public Service Commission.

### SHIPPER

A customer, who transports volumes on the common carrier pipeline system, including crude oil producers, refiners and/or marketers.

### STUDY AREA

The study area for this Project shall be defined to mean a one-half mile-wide environmental study area measured from each side of the Grenora station property boundary or the perimeter of the Survey Area boundary. See Exhibit H.1.

### SURVEY AREA

The survey area for this Project shall be defined to mean a 152-acre parcel of land located in the NE  $\frac{1}{4}$  of Section 14, Williams County, North Dakota, and owned in fee by Enbridge Pipelines (North Dakota) LLC. The entire 152 acres were surveyed and evaluated in the fall of 2011 for the purpose of siting the entire Grenora Station property in this corridor certificate application.

### ULTIMATE ANNUAL CAPACITY

Ultimate annual capacity is the maximum economic expansion capacity of an individual pipeline that is sustainable average daily rate per day over a year.

### ULTIMATE DESIGN CAPACITY

Ultimate Design Capacity is the maximum economic expansion capacity of an individual pipeline; however, the pipeline would require additional pumping horsepower over the current design to meet this capacity.

**ACRONYMS**

|                |   |
|----------------|---|
| BGEPA          | Bald and Golden Eagle Protection Act                |
|                |   |
| BPD or bpd     | Barrels Per Day                                     |
|                |   |
| BPH or bph     | Barrels Per Hour                                    |
|                |   |
| CARLSON McCAIN | Carlson McCain, Inc.                                |
|                |   |
| COE            | U.S. Army Corps of Engineers                        |
|                |   |
| COMMISSION     | North Dakota Public Service Commission              |
|                |   |
| DOT            | U.S. Department of Transportation                   |
|                |   |
| DRA            | Drag Reducing Agent                                 |
|                |   |
| EELP           | Enbridge Energy, Limited Partnership                |
|                |   |
| EMP            | Environmental Mitigation Plan                       |
|                |   |
| EPA            | Environmental Protection Agency                     |
|                |   |
| EPND           | Enbridge Pipelines (North Dakota) LLC               |
|                |   |
| ESB            | Electrical Shelter Building                         |
|                |   |
| FERC           | Federal Energy Regulatory Commission                |
|                |   |
| FSA            | U.S. Department of Agriculture, Farm Service Agency |

## ACRONYMS

|         |   |
|---------|---|
| FWS     | U.S. Fish and Wildlife Service                      |
|         |   |
| GIS     | Geographic Information System                       |
|         |   |
| HAPs    | Hazardous Air Pollutants                            |
|         |   |
| HP      | Horsepower  |
|         |   |
| HPD     | Historic Preservation Division                      |
|         |   |
| kWh     | Kilowatt Hour                                       |
|         |   |
| LACT    | Leased Automatic Custody Transfer                   |
|         |   |
| LWCF    | Land and Water Conservation Fund                    |
|         |   |
| MAOP    | Maximum Allowable Operating Pressure                |
|         |   |
| METCALF | Metcalf Archaeological Consultants                  |
|         |   |
| NDCC    | North Dakota Century Code                           |
|         |   |
| NDDH    | North Dakota Department of Health                   |
|         |   |
| ND-GFD  | North Dakota Game and Fish Department               |
|         |   |
| NDPDES  | North Dakota Pollution Discharge Elimination System |
|         |   |
| ND-PRD  | North Dakota Parks and Recreation Department        |

## ACRONYMS

|                   |   |
|-------------------|---|
| ND-PSC or NDPSC   | North Dakota Public Service Commission            |
|                   |   |
| NDSHPO or ND-SHPO | North Dakota State Historical Preservation Office |
|                   |   |
| NDSLDD            | North Dakota State Land Department                |
|                   |   |
| NDSWC or ND-SWC   | North Dakota State Water Commission               |
|                   |   |
| NHI               | Natural Heritage Inventory                        |
|                   |   |
| NOI               | Notice of Intent                                  |
|                   |   |
| NPS               | Nominal Pipe Size                                 |
|                   |   |
| NRCS              | National Resource Conservation Service            |
|                   |   |
| NRHP              | National Register of Historic Places              |
|                   |   |
| NSPS              | New Source Performance Standard                   |
|                   |   |
| NWP               | Nationwide Permit Program                         |
|                   |   |
| OSHA              | Occupational Safety and Health Administration     |
|                   |   |
| PADD              | Petroleum Administration for Defense Districts    |
|                   |   |
| PCV               | Pressure Control Valve                            |
|                   |   |
| PEMA              | Palustrine, Emergent, Temporarily Flooded         |
|                   |   |
| PEMC              | Palustrine, Emergent, Seasonally Flooded          |

**ACRONYMS**

|              |  |
|--------------|--|
| PHMSA        | Pipeline and Hazardous Materials Safety Administration |
|              |  |
| PLOTS        | Private Land Open to Sportsmen                         |
|              |  |
| PSD          | Prevention of Significant Deterioration                |
|              |  |
| PSIG or psig | Pounds-Force per Square Inch Gauge                     |
|              |  |
| ROW          | Right-of-Way   |
|              |  |
| SHSND        | State Historical Society of North Dakota               |
|              |  |
| SIC          | Standard Industrial Classification                     |
|              |  |
| SPCCP        | Spill Prevention, Containment, and Control Plan        |
|              |  |
| SSURGO       | Soils Survey Geographic Database                       |
|              |  |
| SWPPP        | Stormwater Pollution Prevention Plan                   |
|              |  |
| U.S or US    | United States  |
|              |  |
| USDOT        | U.S. Department of Transportation                      |
|              |  |
| UHC          | U.S. High Sweet Crude                                  |
|              |  |
| UHF          | Ultra High Frequency                                   |
|              |  |
| USDA         | U.S. Department of Agriculture                         |

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### ACRONYMS

|      |                           |
|------|---------------------------|
| USGS | U.S. Geological Survey    |
|      |                           |
| VFD  | Variable Frequency Drive  |
|      |                           |
| WHPA | Well Head Protection Area |