

AMENDMENT TO THE APPLICATION

Waiver of Procedures and Timelines
Certificate of Corridor Compatibility and
Route Permit

BAKKENLINK PIPELINE LLC

Case # PU-10-218

Prepared for:

The North Dakota Public Service Commission

Prepared by:



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Amendment to the Application For Certificate of Corridor Compatibility

1.0 Introduction

BakkenLink Pipeline LLC (BakkenLink) filed an Application for a Waiver of Procedures and Timelines, Certificate of Corridor Compatibility, and Route Permit (Application) on June 21, 2010, for a crude oil pipeline system (Project). This Amendment to the Application identifies certain Corridor and Route changes made since the Application was filed. These Corridor and Route changes are a result of:

- Requests of landowners and Federal and State agencies;
- Avoidance of environmental features and cultural resources; and
- Refining the route for construction suitability.

Due to the Route changes, BakkenLink is requesting consideration of a wider Corridor at select locations as described in the following sections of this Amendment and as depicted on the figures in the Appendices. Generally, the Route changes and expanded Corridor locations do not alter the information presented in the original Application. The Route changes are minor in nature and consistent with the progression of linear projects such as the Project. Only siting criteria information that has changed as a result of the reroutes is presented in this Amendment. All other sections of the original Application remain in effect.

The general location and reasons for the Corridor and Route changes are summarized in the following table.

Table 1. Summary of Corridor and Route Changes

Township	Range	Sections	Reason
155	95	7, 17, 18	The Beaver Lodge Terminal has moved and the proposed route will accommodate the new location with ease of constructability, and to avoid treed drainages.
155	95	29, 33, 4, 9	Route change request made by landowner.
154	95	21,27, 28, 34	Maintain 200' minimum distance from existing pipeline under Lake Sakakawea; adjustment required due to the as found position of existing pipeline being different from as built drawing.
154	95	9, 16	Requested by ND State Land Department. Moved to avoid potential future oil well sites on this tract.
153	95	4, 9, 10, 16	To satisfy the request of a landowner.
153	95	33	Grimestad Farm and Ranch, LLP have requested that the pipeline not enter its property.
151	96	1, 12	To avoid non-compliant landowner.
151	96	12, 13	To minimize impact to wetlands and satisfy landowner requests.
150	95	6, 7, 18	To avoid wetlands along the route.
150	95	17, 18, 20	Route changed to accommodate the addition of the Arrow Midstream Lateral.
150	96	13, 14	Route changed to accommodate the addition of the Arrow Midstream Lateral.
150	97	15, 16	Route adjusted to avoid cattle pens. Landowner requested.

Township	Range	Sections	Reason
150	98	13, 24	To avoid small tract of land and reduce the amount of landowners along the route.
150	98	21, 22, 23, 29	Route adjusted at landowner's request.
150	98	31, 6	To allow ease of access to the receipt point and minimize impact to property.
149	98	6, 7	To avoid man camp and house.
148	99	23	Landowner requested the change.
148	99	25, 36, 1	Moved to avoid cultural sites and Bighorn Sheep lambing area.
147	99	1, 5, 6, 7, 8	The adjusted route will minimize the impact to U.S. Forest Service (USFS) property and provide an easier path to the top of the hills.
147	99	13, 24, 25, 36	Route better suited to construction and adjustment in management area boundary. Requested by the USFS.
146	99	25, 36, 1, 12, 7, 18	To satisfy landowner requests.
145	98	28, 29, 33	To satisfy landowner request.
145	95	19, 30, 25	To position the receipt point at a location suitable to landowners and meet other constraints.
145	98	36, 31	To avoid non-compliant landowner and cultural site.
144	99	13, 14, 24	Adjusted the route to the opposite side of the landowner's property line.
144	99	35, 2	To minimize the number of landowners within this area of the route.
143	99	10, 15, 22, 27, 34	To minimize the number of landowners within this area of the route.
142	99	3, 10	Route adjusted around planned barn.
142	99	27, 34, 3, 10, 15	To minimize the number of landowners within this area of the route.

2.0 Description

2.1 Project Type

No change.

2.2 Product

No change.

2.3 Size and Design

2.3.1 Width of Right-of-Way

No change.

2.3.2 Estimated Distance Between Surface Structures

Six receipt points will be constructed for input of product (by others). Table 2 summarizes the milepost designations between receipt points and lateral connections of the trunkline.

Table 2. Pipeline Mileposts

Location	Milepost
Beaver Lodge	0
Keene	22
Arrow Midstream	35
Watford City	53
Dunn Lateral Interconnect	Trunkline MP – 86 Dunn Lateral MP – 16
Belfield Lateral Interconnect	Trunkline MP – 114 Belfield Lateral MP – 4
Rail Facility	124
Dunn Receipt Point	Dunn Lateral MP – 0
Belfield Receipt Point	Belfield Lateral MP – 0

2.3.3 Pipe Size

The pipeline specifications have been updated as follows.

Table 3. Summary of Pipeline Segments

Origination	Terminus	Pipe Specification
Beaver Lodge	Belfield	12.75" OD X 0.250" WT, API 5L-X65 (mainline)
Beaver Lodge	Belfield	12.75" OD X 0.292" WT, API 5L-X65 (HDD/bore)
Dunn	Trunkline	8.625" OD X 0.219" WT, API 5L-X65
Belfield	Trunkline	8.625" OD X 0.219" WT, API 5L-X65

2.3.4 Approximate Length of the Facility

The approximate length of the Project has been updated as follows:

- Approximately 123.8 miles of 12-inch steel trunkline from Beaver Lodge to Fryburg.
- Approximately 16.4 miles of 8-inch steel lateral from the Dunn Receipt Point.
- Approximately 3.6 miles of 8-inch lateral from the Belfield Receipt Point.
- Approximately 1.3 miles of 8-inch lateral from the Arrow Receipt Point.

2.3.5 Maximum Design Operating Pressure and Temperature

No changes.

2.3.6 Maximum Design Flow Rate

No changes.

2.3.7 Number and General Location of Compressor or Pumping Stations

No changes.

2.3.8 Time Schedule

An updated time schedule is provided below.

Table 4. Schedule

Project Milestone	Completion Date
Certificate of Corridor Compatibility and Route Permit	January 2012
Engineering and Design	November 2011
Construction/Environmental Permitting	March 2012
ROW Land Acquisition	April 2012
Start Construction	April 2012
Construction Complete (Arrow to Belfield)	September 2012
Commissioning (Arrow to Belfield)	September-October 2012
In Service (Arrow to Belfield)	October 2012
Construction Complete (Beaver Lodge to Belfield)	November 2013
Commissioning (Beaver Lodge to Arrow)	November-December 2013
In Service (Beaver Lodge to Arrow)	December 2013

3.0 Studies

BakkenLink has initiated resource assessments as described in the following sections. Results from a threatened and endangered species assessment and a raptor and prairie grouse survey were included in the original Application and are not re-presented in this Amendment. The Class III cultural resource survey, wetland delineations, botany, tree, and noxious weed surveys focused on a 200-foot-wide corridor, centered on the proposed Route.

3.1 Cultural Resources

Metcalf Archaeological Consultants, Inc. completed a Class I Cultural Resource Inventory of the proposed Corridor as described in the original Application. The Class I inventory included a literature search of both the site and manuscript files at the State Historical Society of North Dakota (SHPO) for a 3-mile corridor, based on the original proposed centerline. Expansion of the Corridor, as requested in this Amendment, does not affect the results of the Class I search, as this area was included in the first inventory.

A Class III inventory is currently being conducted and a final report is not available at the time of this Amendment. The results of the Class III survey will be submitted to the SHPO. Concurrence with respect to the effects on known resources and appropriate mitigation measures will be obtained from the SHPO prior to construction.

In addition, BakkenLink has submitted an "Unanticipated Discovery Plan" to the SHPO for approval that sets forth procedures to be implemented if an unknown cultural resource or human remains are inadvertently encountered during construction. The discovery plan outlines

the framework for handling such discoveries in an efficient and legally compliant manner. The SHPO has not formally approved this Plan at the time of this Amendment.

3.2 Wetland Delineation

A field delineation of wetlands along the proposed Route is currently being conducted. A wetland delineation report will be filed with the Commission as soon as it is available.

3.3 Raptor and Prairie Grouse Survey

No change.

3.4 Tree and Shrub Inventory

A tree and shrub inventory will be conducted in accordance with the Commission's Tree and Shrub Mitigation Specifications prior to construction. A tree and shrub sampling plan is included as Appendix E of this Amendment.

3.5 Noxious Weeds

A noxious weed survey will be completed prior to construction. Results of the survey will be filed with the Commission. BakkenLink will develop and submit a plan to control the spread of noxious weeds along its right-of-way (ROW).

4.0 Need for Facility

No change.

4.1 Needs Analysis

No change.

4.2 Alternatives

4.2.1 No Action Alternative

No change.

4.2.2 Market Alternatives

No change.

4.2.3 North Dakota Pipeline Alternatives

No change.

4.2.4 Truck and Rail Alternatives

No change.

4.2.5 Route Alternatives

As discussed in the Application, BakkenLink has been coordinating with the United States Forest Service (USFS) to develop a suitable Route through the Little Missouri National Grasslands (LMNG) south of the Little Missouri River. Since the time of the Application, the USFS has adjusted the boundaries of a “Suitable for Wilderness” management designation in order to accommodate operation and maintenance of existing and proposed utilities paralleling Highway 85. The USFS requested that BakkenLink route the Project through this area and BakkenLink has adjusted the Route to be within this utility corridor.

Two reroutes were made to accommodate requests from producers and gathering system operators (Beaver Lodge and Arrow receipt points). These reroutes will position the pipeline for better access from existing and planned facilities. Other changes in the Route have been made to accommodate landowners and other agencies and to avoid environmental features.

4.2.6 Deviations from Ten Year Plan

No change.

5.0 Location

NDAC § 69-06-04-02(1)(b) states that the width of a corridor must be at least ten percent of its length, but not less than one mile or greater than six miles unless otherwise determined by the Commission. BakkenLink has evaluated several options for the proposed pipeline location and requested a one-mile-wide Corridor be approved by the Commission in the original Application.

As a result of further environmental and constructability study and requests for routing alternatives by landowners and Federal and State agencies, BakkenLink is requesting consideration of an expanded Corridor in certain locations. BakkenLink is requesting that a one and a one-half (1-1/2) mile Corridor be considered in five locations. These locations comprise approximately six miles of the proposed Route. The proposed Corridor and Route are depicted on the figures in Appendices A through D.

5.1 Study Area

The proposed expanded corridor locations have been evaluated in conformance with the Commission’s exclusion and avoidance area criteria. The new Corridor legal descriptions are provided in Table 5.

Table 5. Corridor Legal Description

County	Civil Township	TWP	RNG	Section(s)
Billings	Unorganized Territory	139	100	2, 10, 11
Billings	Unorganized Territory	140	100	35, 36
Billings	Unorganized Territory	141	99	3, 10, 15, 22, 27, 34
Billings	Unorganized Territory	142	99	3, 10, 15, 22, 27, 34
Billings	Unorganized Territory	143	99	1, 2, 10, 11, 15, 22, 27, 34

County	Civil Township	TWP	RNG	Section(s)
Billings	Unorganized Territory	144	99	1, 2, 11, 14, 23, 24, 25, 26, 35
Dunn	Unorganized Territory	145	95	19, 20, 21
Dunn	Unorganized Territory	145	96	24, 25, 26, 27, 28, 29, 30
Dunn	Unorganized Territory	145	97	25, 31, 32, 33, 34, 35, 36
McKenzie	Unorganized Territory	145	98	7, 18, 19, 20, 28, 29, 33, 34, 35, 36
McKenzie	Unorganized Territory	146	99	1, 12, 13, 24, 25, 36
McKenzie	Unorganized Territory	147	98	7, 18
McKenzie	Unorganized Territory	147	99	1, 12, 13, 14, 24, 25, 26, 35, 36
McKenzie	Unorganized Territory	148	98	31
McKenzie	Unorganized Territory	148	99	3, 10, 11, 14, 23, 24, 25, 36
McKenzie	Unorganized Territory	149	98	5, 6, 7, 8, 18, 19, 30, 31
McKenzie	Grail	150	95	5, 6, 7, 17, 18, 19, 20
McKenzie	Unorganized Territory	150	96	13, 14, 15, 16, 17, 18
McKenzie	Unorganized Territory	150	97	13, 14, 15, 16, 17, 18
McKenzie	Unorganized Territory	150	98	13, 21, 22, 23, 24, 27, 28, 29, 31, 32
McKenzie	Unorganized Territory	151	95	6, 30, 31
McKenzie	Blue Butte	151	96	1, 12, 13, 24, 25
McKenzie	Keene	152	96	1, 12, 13, 24, 25, 31, 36
McKenzie	Elm Tree	153	95	3, 4, 9, 10, 15, 16, 21, 28, 33
McKenzie	Elm Tree	154	95	34
Stark	Unorganized Territory	140	99	6, 7, 14, 15, 16, 17, 18, 19, 30, 31
Williams	Unorganized Territory	154	95	5, 8, 9, 16, 21, 27, 28
Williams	Dry Fork	155	95	5, 7, 8, 17, 18, 20, 29, 32
Williams	Dry Fork	156	95	31

5.2 Criteria to be Evaluated

None of the Corridor changes will adversely impact any exclusion, avoidance, or selection criteria. The discussion presented in the original Application remains in effect. The exclusion and avoidance area criteria set forth in NDAC § 69-06-08-02(1) and (2) were taken into consideration when establishing the location of the proposed Corridor. Any exclusion and avoidance areas located within the Corridor are depicted on the figures in Appendix A. Further discussion of these areas, the selection criteria, the policy criteria and other criteria considered is provided in the following Sections.

5.2.1 Exclusion Areas

No change.

5.2.2 Avoidance Areas

NDAC § 69-06-08-02(2) requires that specific geographical areas not be considered in routing a transmission facility unless the applicant shows that under the circumstances there is no reasonable alternative. Avoidance areas may be located within a corridor, but may not encompass more than fifty percent of the corridor width at any given point, unless there is no reasonable alternative. Avoidance areas within the corridor are shown in Table 6, and depicted on the Figures in Appendix E.

Table 6. Avoidance Areas - Corridor

Avoidance Area	Present within Corridor	>50% of Corridor Width
Designated or registered national: historic districts; wildlife areas; wild, scenic, or recreational rivers; wildlife refuges; and grasslands.	Yes, BakkenLink, in coordination with the USFS, has developed a route crossing USFS properties (i.e., federal grasslands). BakkenLink is in the process of preparing further environmental and permitting documents with the USFS.	Yes. Discussed in Section 4.2.5 of the Application and this Amendment.
Designated or registered state: wild, scenic, or recreational rivers; game refuges; game management areas; management areas; forests; forest management lands; and grasslands.	No	No
Historical resources which are not specifically designated as exclusion or avoidance areas.	Yes, BakkenLink has performed a Class I Cultural Resource Inventory which identified cultural resource sites within the proposed Corridor. A Class III Cultural Resource Inventory is currently being conducted. BakkenLink will coordinate with the SHPO to determine site significance and avoidance/mitigation measures	No
Areas that are geologically unstable.	No	No
Within five hundred feet of a residence, school, or place of business.	Yes, BakkenLink is in the process of refining the pipeline route and will maintain a 500' distance from any residence, school, or place of business.	No
Reservoirs and municipal water supplies	Yes, Lake Sakakawea	Yes. Discussed Section 5.3.17.6 of the Application.
Water sources for organized rural water districts.	No	No
Irrigated land. This criterion shall not apply to an underground transmission facility.	NA	NA
Areas of recreational significance which are not designated as exclusion areas	No	No

5.2.3 Selection Criteria

No change.

5.2.4 Policy Criteria

No change.

5.2.5 Design and Construction Limitations

No change.

5.2.6 Economic Considerations

No change.

5.3 Discussion of the Relative Value of Each Criteria and Corridor Selection

The following sections provide a description of changes (where they exist) to the Application's discussion of the affected environment within the proposed Corridor. Criteria discussion(s) that have not changed are not included in this Amendment.

5.3.1 Demographics

No change.

5.3.2 Public Services

No change.

5.3.3 Traffic

No change.

5.3.4 Railroads

No change.

5.3.5 Water Supply

No change.

5.3.6 Telephone, Fiber Optic, Microwave, Television and Radio Communications

No change.

5.3.7 Human Health and Safety

No change.

5.3.8 Noise

No change.

5.3.9 Visual Impacts

No change.

5.3.10 Cultural Resources

Metcalf Archaeological Consultants, Inc. has completed a Class I Cultural Resource Inventory of the proposed Corridor. Data from the Survey is discussed in Section 3.1 of the Application. The Class I inventory encompassed a study area of three miles, centered on the originally proposed pipeline. The proposed Corridor changes are included in the original three mile inventory study.

A Class III Cultural Resource Inventory is currently being performed on the proposed Route. The Class III inventory focuses on a much smaller area of approximately 200 feet, centered on the amended Route. Final results of the Class III inventory are not available at the time of this Amendment.

Cultural resource sites will be avoided to the extent practical and construction will be modified to avoid impacts. If sites potentially eligible for inclusion on the National Register of Historic Places (NRHP) may be impacted, a professional archaeologist, in coordination with the SHPO, will establish appropriate buffers around the potentially eligible site or will develop other necessary treatment to protect site integrity.

BakkenLink has developed an “Unanticipated Discovery Plan” to guide procedures if an unknown cultural resource or human remains are inadvertently encountered during construction. The discovery plan outlines the framework for handling such discoveries in an efficient and legally compliant manner. The plan has been submitted to the SHPO; however, formal approval has not been received at the time of this Amendment.

5.3.11 Recreational Resources

No change.

5.3.12 Land Based Economics

No change.

5.3.13 Land Use

Land use within the expanded Corridor is consistent with that presented in the Application. No new land use types are affected and the percentages of each land use type within the Corridor are relatively unchanged. Figures depicting the land use (United States Fish and Wildlife Service (USFWS) 2010 Land Cover database) are included in Appendix C.

5.3.14 Soils

Soils within the proposed expanded Corridor are consistent with those presented in the Application. No new soil types are affected and the percentage of soil type within the Corridor is relatively unchanged. Figures showing soil type (NRCS State Soil Geographic Database (STATSCO) database) are included in Appendix D.

5.3.15 Prime Farmland

Prime farmland considerations within the proposed expanded Corridor are consistent with those presented in the Application. Prime farmland is identified on the Figures in Appendix D.

5.3.16 Geologic and Groundwater Resources

No change.

5.3.17 Surface Water and Floodplain Resources

No change.

5.3.18 Wetlands

Wetland resources for the Corridor were identified by reviewing USFWS National Wetland Inventory (NWI) data, topographic maps (USGS 2011), and recent aerial photography (USDA Farm Service Agency 2009). The NWI records approximately six hundred and fifty eight acres of wetlands in the Corridor.

Table 7 summarizes wetland types and acreages identified within the Corridor. Wetlands for this Amendment were identified using the NWI database. These wetland areas are depicted on the Figures in Appendices A and B. A field delineation of wetlands crossed by the Route is currently being conducted and is discussed in Section 9.1.4 of the Amendment.

Table 7. NWI Wetland Types and Acres¹ - Corridor

Wetland Area Classification Type ²	Corridor	
	Count	Acres
Palustrine Aquatic Bed Semi-permanently Flooded	4	2.51
Palustrine Aquatic Bed Semi-permanently Flooded <i>Diked/Impounded</i>	200	160.33
Palustrine Aquatic Bed Semi-permanently Flooded <i>Excavated</i>	3	1.25
Palustrine Aquatic Bed Intermittently Exposed	1	0.36
Palustrine Emergent / Aquatic Bed Semi-permanently Flooded	3	2.1
Palustrine Emergent / Aquatic Bed Semi-permanently Flooded <i>Diked/Impounded</i>	4	9.16
Palustrine Emergent Temporarily Flooded	172	107.4
Palustrine Emergent Temporarily Flooded	23	79.71
Palustrine Emergent Temporarily Flooded <i>Diked/Impounded</i>	18	8.86

Wetland Area Classification Type ²	Corridor	
	Count	Acres
Palustrine Emergent Temporarily Flooded <i>Excavated</i>	1	0.1
Palustrine Emergent Saturated	3	2.33
Palustrine Emergent Seasonally Flooded	219	108.11
Palustrine Emergent Seasonally Flooded <i>Partially Drained/Ditched</i>	3	2.87
Palustrine Emergent Seasonally Flooded <i>Diked/Impounded</i>	58	31.85
Palustrine Emergent Seasonally Flooded <i>Excavated</i>	4	0.43
Palustrine Emergent Semi-permanently Flooded	2	3.27
Palustrine Emergent Semi-permanently Flooded <i>Diked/Impounded</i>	15	12.57
Palustrine Forested /Emergent Temporarily Flooded	1	0.4
Palustrine Forested Temporarily Flooded	1	0.21
Palustrine Forested Temporarily Flooded <i>Diked/Impounded</i>	1	0.21
Palustrine Scrub-Shrub Temporarily Flooded	4	22.73
Palustrine Scrub-Shrub Seasonally Flooded <i>Diked/Impounded</i>	1	0.37
Palustrine Unconsolidated Bottom Semi-permanently Flooded <i>Excavated</i>	22	7.71
Palustrine Unconsolidated Bottom Intermittently Exposed <i>Excavated</i>	4	1.02
Palustrine Unconsolidated Shore Temporarily Flooded	1	0.09
Palustrine Unconsolidated Shore Temporarily Flooded <i>Diked/Impounded</i>	3	0.49
Palustrine Unconsolidated Shore Seasonally Flooded <i>Diked/Impounded</i>	7	1.00
Palustrine Unconsolidated Shore Seasonally Flooded <i>Excavated</i>	4	3.31

¹ Wetland acreage does not include the entire wetland acreage, i.e., the wetland boundaries are outside of the proposed corridor

² NWI designations. This does not include Riparian Wetlands as classified by the NWI, which are included herein as river and stream crossings.

5.3.19 Vegetation

Specific land cover types found within the expanded Corridor are consistent with those presented in the Application. No new land cover type(s) was identified in the expanded Corridor. Land cover types were identified using the Gap Analysis Program (GAP) 2010 National Land Cover dataset (USGS 2010).

5.3.19.1 Noxious Weeds

A survey for noxious weeds will be conducted prior to construction. A report describing the field findings of the survey will be filed with the Commission prior to construction.

5.3.20 Wildlife

No change.

5.3.21 Rare and Unique Natural Resources

No change.

5.4 Qualifications and Contributors

No change.

6.0 Maps

6.1 Criteria Maps

Maps identifying the criteria within the proposed corridor are included in Appendices A, B, C, and D. The Appendices are as follows:

Appendix A	Aerial Photography and Avoidance Areas
Appendix B	Topography and Managed Lands
Appendix C	Land Use
Appendix D	Soils Classification

Electronic versions of the maps have also been provided as Portable Document Format (PDF) files on the enclosed Compact Disc.

6.2 Mylar Maps

Mylar is no longer used in document creation; therefore, Mylar maps are not included in this Amendment. Project overview maps are instead included as 11x17 inch paper reproductions in the Appendices and as electronic files.

Amendment to the Application for a Route Permit

7.0 Introduction

The majority of the requirements for the Route Permit are also required in the Application for a Certificate of Corridor Compatibility, except for a discussion of factors listed in Sections 49-22-08.1(e) and (f), and 49-22-09 of the NDCC. Generally, the Route changes do not alter the findings of the original Application. The Route changes are minor in nature and consistent with the progression of linear projects such as the Project. Only information regarding factors that has changed as a result of the reroutes is presented in this Amendment. All other sections of the original Application remain in effect.

8.0 Description of Transmission Facility

Discussed in Section 2 of the Application and the Amendment.

9.0 Location

This Amendment identifies certain route changes made since the June Application. These route changes are a result of:

- Requests of landowners and Federal and State Agencies;
- Avoidance of environmental features and cultural resources; and
- Refining the route for construction suitability.

The revised location(s) of the proposed Route are presented in Table 8.

Table 8. Route Legal Description

County	Civil Township	TWP	RNG	Section(s)
Billings	Unorganized Territory	139	100	2, 3, 10
Billings	Unorganized Territory	140	100	35, 36
Billings	Unorganized Territory	141	99	3, 10, 15, 22, 27, 34
Billings	Unorganized Territory	142	99	3, 10, 15, 22, 27, 34
Billings	Unorganized Territory	143	99	2, 10, 11, 15, 22, 27, 34
Billings	Unorganized Territory	144	99	1, 2, 11, 13, 14, 24, 25, 26, 35
Dunn	Unorganized Territory	145	95	19, 30
Dunn	Unorganized Territory	145	96	25, 26, 27, 28, 29, 30
Dunn	Unorganized Territory	145	97	25, 31, 32, 33, 34, 35, 36
McKenzie	Unorganized Territory	145	98	7, 18, 19, 20, 28, 29, 33, 34, 35, 36
McKenzie	Unorganized Territory	145	99	1, 12
McKenzie	Unorganized Territory	146	99	1, 12, 13, 24, 25, 36
McKenzie	Unorganized Territory	147	98	6, 7, 18
McKenzie	Unorganized Territory	147	99	1, 13, 24, 25, 36
McKenzie	Unorganized Territory	148	99	3, 10, 11, 14, 23, 24, 25, 36
McKenzie	Unorganized Territory	149	98	6, 7, 18, 19, 30, 31

County	Civil Township	TWP	RNG	Section(s)
McKenzie	Grail	150	95	6, 7, 17, 18, 20
McKenzie	Unorganized Territory	150	96	13, 14, 15, 16, 17, 18
McKenzie	Unorganized Territory	150	97	13, 14, 15, 16, 17, 18
McKenzie	Unorganized Territory	150	98	13, 21, 22, 23, 24, 28, 29, 31, 32
McKenzie	Unorganized Territory	151	95	30, 31
McKenzie	Blue Butte	151	96	1, 12, 13, 24, 25
McKenzie	Keene	152	96	1, 12, 13, 24, 25, 36
McKenzie	Elm Tree	153	95	3, 4, 9, 10, 16, 21, 28, 33
McKenzie	Elm Tree	154	95	34
Stark	Unorganized Territory	140	99	6, 7, 14, 15, 16, 17, 18, 19, 30, 31
Williams	Unorganized Territory	154	95	4, 9, 16, 21, 27, 28
Williams	Dry Fork	155	95	6, 7, 17, 18, 20, 29, 32, 33
Williams	Pleasant Valley	156	95	31, 32

9.1 Minimizing Environmental Impacts

The proposed revised Route was analyzed for the same factors found in the original Application. Only information regarding factors that has been revised or updated is presented in this Amendment. The proposed Route consists of a 100-foot-wide temporary construction ROW and a permanent 50-foot easement. Additional temporary workspace will be acquired at certain locations (e.g., road, railroad, and river crossings). The temporary construction ROW may be reduced in some areas as necessary to avoid impacts to environmentally sensitive areas. The following sections discuss environmental considerations specific to the proposed Route.

9.1.1 Demographics

No change.

9.1.2 Public Services

No change.

9.1.3 Human Health and Safety

No change.

9.1.4 Noise

No change.

9.1.5 Visual Impacts

No change.

9.1.6 Recreational Resources

No change.

9.1.7 Land Based Economics

No change.

9.1.8 Land Use

Land use along the revised Route is consistent with that presented in the Application. Land use data for the Route is based on a review of the USFWS 2010 Land Cover database information. Estimated acreages for the land uses found along the Route are shown in Table 30 of the Application. The Land Cover database information is depicted on the Figures in Appendix C.

9.1.9 Soils

Soils crossed by the revised Route are consistent with those presented in the Application. General soil map units (MUs) for the Project Area were identified using the NRCS State Soil Geographic Database (STATSCO), and the Soil Survey Geographic Database (SSURGO). The STATSCO data consists of a generalized inventory of soils and non-soil areas that occur in a repeatable pattern on the landscape. The STATSCO data is depicted on the figures in Appendix D.

9.1.10 Prime Farmland

No change.

9.1.11 Geologic and Groundwater Resources

No change.

9.1.12 Surface Water and Floodplain Resources

9.1.13 Surface Water

A waterbody inventory (field delineation) has identified intermittent and perennial streams crossed by the Route. During the inventory, the Ordinary High Water Mark (OHWM) of each stream has been identified and recorded using Global Positioning System (GPS) equipment. The crossing length of the streams, as indicated in the table below, is the recorded distance of the bank-to-bank crossing. A final report detailing methodology used to identify the OHWM and crossing length will be filed at a later date.

The Route crosses five perennial streams: The Missouri River (Lake Sakakawea), Cherry Creek, Northfork Creek, and the Little Missouri River. The proposed Route crosses several intermittent (I) streams as listed in Table 9.

Table 9. Stream Crossings

County	Waterbody Name	Type	Length	Section	TWP	RNG
Billings	Unnamed tributary to Whitetail Creek	I	10	143	99	74
Billings	Unnamed tributary to Beicegel Creek	I	11	144	99	23
Billings	Beicegel Creek	I	1	144	99	150
Billings	Unnamed Tributary to South Fork Green River	I	15	141	99	48
Billings	Unnamed tributary to Whitetail Creek	I	15	143	99	24
Billings	Unnamed tributary to Heart River	I	7	139	100	88
Billings	South Fork Green River	I	22	141	99	32
Billings	South Fork Green River	I	22	141	99	47
Billings	Unnamed tributary to Heart River	I	2	139	100	170
Billings	Unnamed tributary to Heart River	I	2	139	100	65
Billings	Unnamed Tributary to South Fork Green River	I	22	141	99	38
Billings	Unnamed tributary to Knife River	I	25	144	99	106
Billings	Unnamed tributary to Knife River	I	25	144	99	32
Billings	Unnamed tributary to Green River	I	27	142	99	28
Billings	Unnamed tributary to Green River	I	27	142	99	17
Billings	Unnamed tributary to Spring Creek	I	27	143	99	240
Billings	Unnamed tributary to Spring Creek	I	31	142	99	5
Billings	Unnamed tributary to Green River	I	34	142	99	37
Billings	Unnamed tributary to Spring Creek	I	34	143	99	77
Billings	Unnamed tributary to Knife River	I	35	144	99	100
Billings	Unnamed tributary to Knife River	I	35	144	99	28
Billings	Unnamed tributary to Knife River	I	35	144	99	210
Billings	Unnamed tributary to Spring Creek	I	34	143	99	21
Billings	South Fork Green River	I	22	141	99	180
Billings	Unnamed tributary to Heart River	I	2	139	100	33
Dunn	Unnamed tributary to Murphy Creek	I	25	145	96	91
Dunn	Unnamed tributary to Little Knife River	I	25	145	97	38
Dunn	Unnamed tributary to Spring Creek	I	27	145	96	19
Dunn	Unnamed tributary to Spring Creek	I	28	145	96	55
Dunn	Unnamed tributary to Little Knife River	I	32	145	97	129
Dunn	Unnamed tributary to Little Knife River	I	33	145	97	26
Dunn	Unnamed tributary to Little Knife River	I	34	145	97	60
Dunn	Unnamed tributary to Little Knife River	I	36	145	97	75
McKenzie	Unnamed tributary to Clear Creek	I	12	151	96	79
McKenzie	Unnamed tributary to Sand Creek	I	13	152	96	170
McKenzie	Unnamed tributary to North Fork Creek	I	14	150	97	42
McKenzie	Unnamed tributary to North Fork Creek	I	15	150	96	214
McKenzie	Unnamed tributary to North Fork Creek	I	15	150	96	7
McKenzie	Northfork Creek	P	15	150	97	70
McKenzie	Unnamed tributary to Charlie Bob Creek	I	18	145	98	31
McKenzie	Spring Creek	I	19	149	98	10
McKenzie	Unnamed tributary to Dry Creek	I	18	150	96	41
McKenzie	Unnamed tributary to North Fork Creek	I	18	150	97	89
McKenzie	Unnamed tributary to Ranch Creek	I	12	145	99	41

County	Waterbody Name	Type	Length	Section	TWP	RNG
McKenzie	Cherry Creek	P	23	150	98	84
McKenzie	Unnamed tributary to Ranch Creek	I	24	146	99	11
McKenzie	Northfork Creek	P	24	150	98	118
McKenzie	Unnamed tributary to Handy Water Creek	I	25	151	96	15
McKenzie	Unnamed tributary to Spring Creek	I	31	149	98	11
McKenzie	Unnamed tributary to Sand Creek	I	33	153	95	650
McKenzie	Little Knife River	I	34	145	98	15
McKenzie	Unnamed tributary to Little Knife River	I	36	145	98	13
McKenzie	Unnamed tributary to Dry Creek	I	6	150	95	560
McKenzie	Unnamed tributary to Dry Fork Creek	I	20	155	95	7
McKenzie	Unnamed tributary to North Cherry Creek	I	6	149	98	136
McKenzie	Northfork Creek	P	24	150	98	126
McKenzie	Unnamed tributary to North Fork Creek	I	15	150	98	98
McKenzie	Unnamed tributary to North Fork Creek	I	14	150	97	213
McKenzie	Unnamed tributary to North Fork Creek	I	16	150	96	183
McKenzie	Unnamed tributary to Lake Sakakawea	I	10	153	95	10
McKenzie	Unnamed tributary to Ranch Creek	I	1	145	99	23
McKenzie	Unnamed tributary to Ranch Creek	I	36	146	99	50
McKenzie	Unnamed tributary to Ranch Creek	I	25	146	99	25
McKenzie	Unnamed tributary to Dry Creek	I	18	150	96	58
McKenzie	Unnamed tributary to Dry Creek	I	18	150	96	57
McKenzie	Unnamed tributary to Dry Creek	I	6	150	95	127
McKenzie	Little Missouri River	P	36	148	99	928
McKenzie	Unnamed tributary to Clear Creek	I	13	151	96	99
Stark	Unnamed tributary to South Fork Creek	I	6	140	99	31
Stark	Unnamed tributary to North Creek	I	15	140	99	77
Stark	Unnamed tributary to North Creek	I	16	140	99	14
Stark	Unnamed tributary to Heart River	I	17	140	99	20
Stark	Heart River (upper reach)	I	19	140	99	44
Stark	Unnamed tributary to Heart River	I	30	140	99	129
Stark	Heart River (upper reach)	I	19	140	99	8
Stark	Unnamed tributary to Heart River	I	30	140	99	129
Williams	Unnamed tributary to Dry Fork Creek	I	31	156	95	11
Williams	Unnamed tributary to Dry Fork Creek	I	7	155	95	18
Williams	Unnamed tributary to Dry Fork Creek	I	33	155	95	50
Williams	Unnamed tributary to Dry Fork Creek	I	4	154	95	23
Williams	Unnamed tributary to Dry Fork Creek	I	4	154	95	219
Williams	Unnamed tributary to Dry Fork Creek	I	4	154	95	40
Williams	Dry Fork Creek	I	29	155	95	17
Billings	Unnamed tributary to Whitetail Creek	I	10	143	99	74
Billings	Unnamed tributary to Beicegel Creek	I	11	144	99	23
Billings	Beicegel Creek	I	1	144	99	150
Billings	Unnamed Tributary to South Fork Green River	I	15	141	99	48
Billings	Unnamed tributary to Whitetail Creek	I	15	143	99	24
Billings	Unnamed tributary to Heart River	I	7	139	100	88

County	Waterbody Name	Type	Length	Section	TWP	RNG
Billings	South Fork Green River	I	22	141	99	32
Billings	South Fork Green River	I	22	141	99	47
Billings	Unnamed tributary to Heart River	I	2	139	100	170
Billings	Unnamed tributary to Heart River	I	2	139	100	65
Billings	Unnamed Tributary to South Fork Green River	I	22	141	99	38
Billings	Unnamed tributary to Knife River	I	25	144	99	106
Billings	Unnamed tributary to Knife River	I	25	144	99	32
Billings	Unnamed tributary to Green River	I	27	142	99	28
Billings	Unnamed tributary to Green River	I	27	142	99	17
Billings	Unnamed tributary to Spring Creek	I	27	143	99	240
Billings	Unnamed tributary to Spring Creek	I	31	142	99	5
Billings	Unnamed tributary to Green River	I	34	142	99	37
Billings	Unnamed tributary to Spring Creek	I	34	143	99	77
Billings	Unnamed tributary to Knife River	I	35	144	99	100
Billings	Unnamed tributary to Knife River	I	35	144	99	28
Billings	Unnamed tributary to Knife River	I	35	144	99	210
Billings	Unnamed tributary to Spring Creek	I	34	143	99	21
Billings	South Fork Green River	I	22	141	99	180
Billings	Unnamed tributary to Heart River	I	2	139	100	33
Dunn	Unnamed tributary to Murphy Creek	I	25	145	96	91
Dunn	Unnamed tributary to Little Knife River	I	25	145	97	38
Dunn	Unnamed tributary to Spring Creek	I	27	145	96	19
Dunn	Unnamed tributary to Spring Creek	I	28	145	96	55
Dunn	Unnamed tributary to Little Knife River	I	32	145	97	129
Dunn	Unnamed tributary to Little Knife River	I	33	145	97	26
Dunn	Unnamed tributary to Little Knife River	I	34	145	97	60
Dunn	Unnamed tributary to Little Knife River	I	36	145	97	75
McKenzie	Unnamed tributary to Clear Creek	I	12	151	96	79
McKenzie	Unnamed tributary to Sand Creek	I	13	152	96	170
McKenzie	Unnamed tributary to North Fork Creek	I	14	150	97	42
McKenzie	Unnamed tributary to North Fork Creek	I	15	150	96	214
McKenzie	Unnamed tributary to North Fork Creek	I	15	150	96	7
McKenzie	Northfork Creek	P	15	150	97	70
McKenzie	Unnamed tributary to Charlie Bob Creek	I	18	145	98	31
McKenzie	Spring Creek	I	19	149	98	10
McKenzie	Unnamed tributary to Dry Creek	I	18	150	96	41
McKenzie	Unnamed tributary to North Fork Creek	I	18	150	97	89
McKenzie	Unnamed tributary to Ranch Creek	I	12	145	99	41
McKenzie	Cherry Creek	P	23	150	98	84
McKenzie	Unnamed tributary to Ranch Creek	I	24	146	99	11
McKenzie	Northfork Creek	P	24	150	98	118
McKenzie	Unnamed tributary to Handy Water Creek	I	25	151	96	15
McKenzie	Unnamed tributary to Spring Creek	I	31	149	98	11
McKenzie	Unnamed tributary to Sand Creek	I	33	153	95	650

County	Waterbody Name	Type	Length	Section	TWP	RNG
McKenzie	Little Knife River	I	34	145	98	15
McKenzie	Unnamed tributary to Little Knife River	I	36	145	98	13
McKenzie	Unnamed tributary to Dry Creek	I	6	150	95	560
McKenzie	Unnamed tributary to Dry Fork Creek	I	20	155	95	7
McKenzie	Unnamed tributary to North Cherry Creek	I	6	149	98	136
McKenzie	Northfork Creek	P	24	150	98	126
McKenzie	Unnamed tributary to North Fork Creek	I	15	150	98	98
McKenzie	Unnamed tributary to North Fork Creek	I	14	150	97	213
McKenzie	Unnamed tributary to North Fork Creek	I	16	150	96	183
McKenzie	Unnamed tributary to Lake Sakakawea	I	10	153	95	10
McKenzie	Unnamed tributary to Ranch Creek	I	1	145	99	23
McKenzie	Unnamed tributary to Ranch Creek	I	36	146	99	50
McKenzie	Unnamed tributary to Ranch Creek	I	25	146	99	25
McKenzie	Unnamed tributary to Dry Creek	I	18	150	96	58
McKenzie	Unnamed tributary to Dry Creek	I	18	150	96	57
McKenzie	Unnamed tributary to Dry Creek	I	6	150	95	127
McKenzie	Little Missouri River	P	36	148	99	928
McKenzie	Unnamed tributary to Clear Creek	I	13	151	96	99
Stark	Unnamed tributary to South Fork Creek	I	6	140	99	31
Stark	Unnamed tributary to North Creek	I	15	140	99	77
Stark	Unnamed tributary to North Creek	I	16	140	99	14
Stark	Unnamed tributary to Heart River	I	17	140	99	20
Stark	Heart River (upper reach)	I	19	140	99	44
Stark	Unnamed tributary to Heart River	I	30	140	99	129
Stark	Heart River (upper reach)	I	19	140	99	8
Stark	Unnamed tributary to Heart River	I	30	140	99	129
Williams	Unnamed tributary to Dry Fork Creek	I	31	156	95	11
Williams	Unnamed tributary to Dry Fork Creek	I	7	155	95	18
Williams	Unnamed tributary to Dry Fork Creek	I	33	155	95	50
Williams	Unnamed tributary to Dry Fork Creek	I	4	154	95	23
Williams	Unnamed tributary to Dry Fork Creek	I	4	154	95	219
Williams	Unnamed tributary to Dry Fork Creek	I	4	154	95	40
Williams	Dry Fork Creek	I	29	155	95	17

Construction techniques and mitigation methods at waterbody crossings are discussed in Section 9.1.13 of the Application.

9.1.14 Wetlands

Wetland resource information identified in the Application has been updated in this Amendment. A field delineation of wetlands crossed by the Route is being conducted. A final report detailing the methodology and findings of the field delineation is not available at the time of this Amendment. A wetland delineation report will be filed at a later date.

At this time, approximately 90% of the Route has been surveyed for wetlands. Within the surveyed area, GPS/GIS information indicates that 6.93 acres of wetlands will be crossed by

the Route. Wetlands crossed by the Route average less than two tenths of an acre in size. Table 10 summarizes the results of the field delineation to date. These wetland areas are depicted on the Figures in Appendices A and B.

Table 10. Delineated Wetland Types and Acres¹

Wetland Area Classification Type ²	Route	
	Count	Acres
Palustrine Aquatic Bed Semi-permanently Flooded	1	0.002
Palustrine Aquatic Bed Semi-permanently Flooded <i>Diked/Impounded</i>	5	0.85
Palustrine Aquatic Bed Intermittently Exposed / Palustrine Emergent Seasonally Flooded <i>Diked/Impounded</i>	1	0.168
Palustrine Emergent Temporarily Flooded	11	3.09
Palustrine Emergent Saturated	1	0.03
Palustrine Emergent Seasonally Flooded	8	0.831
Palustrine Emergent Seasonally Flooded / Palustrine Aquatic Bed Semi-permanently Flooded <i>Diked/Impounded</i>	1	0.741
Palustrine Emergent Seasonally Flooded <i>Diked/Impounded</i>	3	0.606
Palustrine Unconsolidated Shore Seasonally Flooded <i>Diked/Impounded</i>	1	0.071

¹ Wetland acreage does not include the entire wetland acreage, i.e., the wetlands were truncated and the acreage reflects the amount that is within the route

² NWI designations. This does not include Riparian Wetlands as classified by the NWI, which are included herein as river and stream crossings

Construction techniques and mitigation methods BakkenLink will use at wetland crossings are discussed in Section 9.1.14 of the Application.

9.1.15 Vegetation

Vegetation data for the revised Route is consistent with that presented in the Application. A tree and shrub inventory will be conducted prior to construction in accordance with the PSC tree and shrub mitigation specifications. A Tree and Shrub Inventory Sampling Plan is included as Appendix E of this Amendment. The results of the tree and shrub inventory will be filed with the Commission before construction.

9.1.16 Wildlife

No change.

9.1.17 Rare and Unique Natural Resources

No change.

9.2 Factors Listed in NDCC § 49-22-09

9.2.1 Available Research and Investigations

Please refer to Sections 5.3.10, 5.3.18, 5.3.19, 9.1.13, 9.1.14, and 9.1.15 of the Application and this Amendment.

9.2.2 Effects of New Energy Conversion and Transmission Technologies

No change.

9.2.3 Potential Beneficial Uses of Waste Energy

No change.

9.2.4 Adverse Direct and Indirect Environmental Effects Which Cannot Be Avoided

No change.

9.2.5 Alternatives to the Proposed Site, Corridor, or Route

Please refer to Section 4.2.5 of the Application and this Amendment.

9.2.6 Irreversible and Irretrievable Commitments of Natural Resources

No change.

9.2.7 Direct and Indirect Economic Impacts

No change.

9.2.8 Existing Plans of the State, Local Government, and Private Entities

No change.

9.2.9 Effects of the Proposed Route on Existing Scenic Areas, Historic Sites and Structures, and Paleontological or Archaeological Sites

No change.

9.2.10 Effects of the Proposed Route on Unique Biological Areas

No change.

9.2.11 Problems Raised by Federal Agencies, Other State Agencies, and Local Entities

BakkenLink crosses federal properties in two locations: land bordering and under Lake Sakakawea and south of the Little Missouri River. The U.S. Army Corps of Engineers (USACE) manages resources adjacent to and within the shoreline of Lake Sakakawea. The USFS manages properties directly adjacent to the USACE properties south of Lake Sakakawea and the LMNG south of the Little Missouri River. Due to the adjacent federal land ownership, the National Environmental Policy Act (NEPA) stipulates that the Bureau of Land Management prepare an Environmental Assessment (EA) to assess potential impacts of the Project prior to issuing a Special Use Permit allowing the Project to cross federal lands.

The BLM has begun preparing an EA and a third party consultant has been retained to assist. In addition to the three federal agencies, other Federal and State agencies will be included as either cooperating or reviewing agencies. These include, but are not limited to:

- U.S. Fish and Wildlife Service,
- North Dakota Department of Health, and
- North Dakota Game and Fish.

Four of the reroutes identified in the Amendment are a result of requests from these Agencies (Section 1.0 of this Amendment). BakkenLink continues to cooperate with the agencies, will comply with all applicable agency rules and will obtain all other necessary licenses and permits. An updated list of permitting activities is shown in Table 11.

Table 11. Required Permits

Agency	Type of Approval	Status
Federal Permits		
Army Corps of Engineers	<ul style="list-style-type: none"> • Nationwide Permit 12 • Section 10 Permit • 404 Permit 	Submitted
Forest Service	Special Use Permit/SF 299	Pending
Department of Transportation, Federal Highway Administration	Crossing Permit	Pending
Fish and Wildlife Service	Consultation	On-going
State of North Dakota Permits		
Public Service Commission	Certificate of Corridor Compatibility and Route Permit	Submitted
Game and Fish Department	Consultation	On-going
Department of Health, Water Quality Division	401 Water Quality Certification	Pending

Agency	Type of Approval	Status
Department of Health, Water Quality Division	<ul style="list-style-type: none"> NDPDES Permit to Discharge Hydrostatic Test Water 	Pending
State Historical Society	Cultural Resource Review	On-going
Department of Transportation	Utility Occupancy Permit	Pending
State Water Commission	Sovereign Land Permit	Pending
County Permits		
Billings	Conditional Use/Pipeline Permit	Pending
Dunn	Conditional Use/Pipeline Permit	Pending
McKenzie	Conditional Use/Pipeline Permit	Submitted
Stark	Conditional Use/Pipeline Permit	Submitted
Williams	Conditional Use/Pipeline Permit	Pending
Township Permits		
Dry Fork Township	Conditional Use/Pipeline Permit	Submitted
Pleasant Valley Township	Conditional Use/Pipeline Permit	Pending

9.3 Routing Criteria

The exclusion and avoidance area criteria set forth in NDAC § 69-06-08-02(1) and (2) were taken into consideration when establishing the location of the proposed route. Any exclusion and avoidance areas located within the Corridor are depicted on the figures in Appendices A and B. Further discussion of these areas, the selection criteria, the policy criteria and other criteria considered is provided in the following Sections. The criteria set forth in NDCC § 49-22-09 was also evaluated, as discussed above.

9.3.1 Exclusion Areas

No change.

9.3.2 Avoidance Areas

NDAC § 69-06-08-02(2) requires that specific geographical areas not be considered in routing a transmission facility unless the applicant shows that under the circumstances there is no reasonable alternative. Avoidance Areas may be located within a corridor, but may not encompass more than fifty percent of the corridor width at any given point, unless there is no

reasonable alternative. Avoidance areas within the Corridor and crossed by the Route are shown in Table 12, and depicted on the Figures in Appendix A.

Table 12. Avoidance Areas - Route

Avoidance Area	Crossed by Route
Designated or registered national: historic districts; wildlife areas; wild, scenic, or recreational rivers; wildlife refuges; and grasslands.	Yes, the Little Missouri National Grasslands is crossed by the pipeline. BakkenLink, in coordination with the USFS, has identified a Route crossing the LMNG. This route is discussed in Section(s) 4.2.5 of the Application and this Amendment.
Designated or registered state: wild, scenic, or recreational rivers; game refuges; game management areas; management areas; forests; forest management lands; and grasslands.	No
Historical resources which are not specifically designated as exclusion or avoidance areas.	Yes. A Class III Cultural Resource Survey is currently being conducted. Historical resources will be avoided to the extent practical. The SHPO will be consulted to determine significance of sites and avoidance or mitigation measures.
Areas that are geologically unstable.	No
Within five hundred feet of a residence, school, or place of business.	No
Reservoirs and municipal water supplies	Yes, Lake Sakakawea. The USACE has identified a crossing location adjacent to existing pipelines. This crossing is discussed further in Sections 5.3.17 and 9.1.13 of the Application.
Water sources for organized rural water districts.	No
Irrigated land. This criterion shall not apply to an underground transmission facility.	NA
Areas of recreational significance which are not designated as exclusion areas	No

9.3.3 Selection Criteria

No change.

9.3.4 Policy Criteria

No change.

9.4 Maps

Please refer to Section 6 of the Amendment to the Application for a Corridor Certificate.

10.0 Right-of-Way Preparation and Construction Procedures (Required by NDCC § 49.22.08.1(E))

No changes to this Section.

11.0 Easement / ROW Acquisition (Required by NDCC § 49.22-08.1(f))

BakkenLink is currently in the process of securing the ROW by obtaining easements from landowners crossed by the Project. During easement negotiations, landowners will be informed of the easement conditions and restrictions. Landowners will be compensated for the easement, as well as for damages resulting from construction of the Project. Landowners have been contacted to obtain permission to survey and to conduct necessary soil investigations. As the Project progresses, landowners will be apprised of the survey and construction schedule, necessary site access, and any vegetation clearing and grading required for construction.

Where possible, staging and lay down areas will be located within the ROW and limited to previously disturbed or developed areas. Temporary easements/workspaces will be obtained from landowners, as needed, for the duration of construction.