



Northern Natural Gas Company
P.O. Box 3330
Omaha, NE 68103-0330
402 398-7200

September 2, 2020

Via eFiling

Ms. Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

Re: Northern Natural Gas Company
Northern Lights 2019 and Rochester Expansion Projects
Docket No. CP18-534-000
Monthly Environmental Inspection Report #4

Dear Ms. Bose:

Pursuant to Condition 8 of the Order Issuing Certificate and Approving Abandonment issued by the Federal Energy Regulatory Commission (FERC) February 21, 2019, Northern Natural Gas hereby submits for filing in the above-referenced docket its environmental inspector report for the period ending August 28, 2020. In accordance with discussions with FERC staff, Northern will file monthly reports instead of biweekly reports.

The attached report is broken into two sections: projects resuming construction after winter stabilization and projects in restoration phase. Any questions regarding the filing should be directed to the undersigned at (402) 398-7103.

Respectfully submitted,

/s/ Michael T. Loeffler

Michael T. Loeffler
Senior Director, Certificates and External Affairs

Northern Natural Gas Company**Northern Lights 2019 and Rochester Expansion Projects (CP18-34-000)****Monthly Status Report No. 4****July 20, 2020 – August 28, 2020****PROJECT DESCRIPTION**

Northern Natural Gas (Northern) constructed and is operating (all in Minnesota):

- Approximately 22.2 miles of new 16- and 24-inch-diameter greenfield pipeline
- Approximately 8.9 miles of new 24-, eight-, and six-inch-diameter pipeline loops and extensions
- One new compressor station
- Additional compression and related modifications to two existing compressor stations
- One new town border station (TBS)
- An increase of the maximum allowable operating pressure (MAOP) for approximately eight miles of 16-inch-diameter pipeline and the relocation of a regulator facility

FEDERAL AUTHORIZATION STATUS

The status of all federal authorizations, as well as local and state permits required, is listed in the table below.

Authorization Status		
Agency Name	Permit/Authorization/Letter of Concurrence	Status
FERC	Certificate for construction and operation of interstate natural gas transmission pipeline facilities ¹	Issued February 21, 2019
EPA	Clean Air Act permits and approvals	Delegated to the state (MPCA)
	CWA Section 401 Water Quality Certification	Delegated to the state (MPCA)
	CWA Section 402 permits for wastewater or stormwater discharges	Delegated to the state (MPCA)
NRCS	Conservation Easement Program and seeding recommendations; Conservation Reserve Program ¹	Consultation complete March 2018.
USACE – St. Paul District	CWA Section 404 – Dredge and Fill Permit; Section 10 Rivers and Harbors Act ¹ Utility Regional General Permit without preconstruction notification	Concurrence received December 11, 2018
USFWS – Twin Cities Field Office	Section 7 Endangered Species Act, Bald and Golden Eagle Protection Act, and MBTA ¹ No effect for all species, except northern long-eared bat 4D rule	Consultation complete December 21, 2018
Native American Tribes	NHPA and Section 106 consultation to determine if the project will have impact on receptors of Native American cultural importance ¹	Ongoing coordination with Upper Sioux Community regarding a tribal monitor for the Alexandria branch line loop extension and Rockford to Buffalo greenfield lateral
MPCA	For the Faribault compressor station, Clean Air Act, Prevention of Significant Deterioration Minor Construction/Title V Major Air Operations Permit. For the Carver and Owatonna compressor stations, Clean Air Act, Prevention of Significant Deterioration Minor Construction/Title V Minor Air Operation Permit ²	Permit applications submitted September 28, 2018. Permit for the Owatonna compressor station received February 25, 2019. Faribault received April 26, 2019. Carver received May 9, 2019
	Section 401 Water Quality Certification ¹	Authorization concurrent with USACE Section 404 approval. No individual 401 certification will be required.
	NPDES Stormwater Permit ¹	Owatonna, Faribault, and Carver compressor stations received March 15, 2019. New Prague branch line and Alexandria branch line received April 16, 2019. Rockford to Buffalo

Authorization Status		
Agency Name	Permit/Authorization/Letter of Concurrence	Status
		received April 26, 2019, Rochester received May 1, 2019. Willmar C-line received May 10, 2019. LaCrosse branch line MAOP uprate received July 15, 2019.
	NPDES Trench Water Discharge Permit ¹	Owatonna, Faribault, and Carver compressor stations received March 15, 2019. New Prague branch line and Alexandria branch line received April 16, 2019. Rockford to Buffalo received April 26, 2019, Rochester received May 1, 2019. Willmar C-line received May 10, 2019. LaCrosse branch line MAOP uprate received July 15, 2019.
	State License to Cross Public Lands and Waters ¹	Received April 25, 2019.
	State Protected Species Consultation ¹	Consultation complete December 20, 2019
MDNR	Water Appropriation Permit General Permit 1997-0005 ¹	Faribault compressor station received March 15, 2019. Owatonna compressor station received March 19, 2019. Carver compressor station received March 21, 2019. New Prague branch line received April 8, 2019. Alexandria branch line received April 9, 2019. Rockford to Buffalo greenfield received April 11, 2019. La Crosse branch line MAOP uprate and Willmar C-line received April 12, 2019. Rochester received April 26, 2019. Final water appropriation totals were filed for the New Prague branch line, Alexandria branch line loop extension, Rochester greenfield lateral, Carver compressor station, and Faribault compressor station November 27, 2019
Minnesota Historical Society - SHPO	Section 106 Consultation, NHPA ¹	Concurrence of "no historic properties affected" for Faribault and Owatonna compressor stations, New Prague branch line loop, Rochester TBS, La Crosse branch line MAOP regulator station, and La Crosse branch line MAOP uprate; and "no adverse effect on King Oscar's settlement" for Carver compressor station received September 27, 2018 The MN SHPO provided concurrence with findings of either "no historic properties affected," or "no adverse effect on historic properties" for all project facilities April 18, 2019.
Township Cooperative Planning Association-Olmsted County (TCPA)	Grading permit ³	Permit issued May 7, 2019
Soil and Water Conservation District-Olmsted County (SWCD)	Grading permit/wetland permit ³	SWCD waived permit requirement since Northern is obtaining permit from TCPA
Hennepin County	Floodplain disturbance permit ²	Not required
Pioneer-Sarah Creek Watershed Management Commission ²	Wetland permit ²	USACE coordinated concurrence December 11, 2018
Olmsted County SWCD	Wetland delineation concurrence for the Rochester project	USACE coordinated concurrence December 11, 2018

Authorization Status		
Agency Name	Permit/Authorization/Letter of Concurrence	Status
Wright County SWCD	Wetland delineation concurrence for the Rockford to Buffalo project ²	USACE coordinated concurrence December 11, 2018

¹ Permit applications and authorizations apply to both the Rochester Project and NL 2019 Project

² Permit applications and authorizations apply to only NL 2019 Project

³ Permit applications and authorizations apply to only the Rochester Project

PROJECTS RESUMING CONSTRUCTION AFTER WINTER STABILIZATION

Owatonna Compressor Station

Northern constructed and is operating an additional 15,900-horsepower turbine unit (Unit No. 2) and appurtenant facilities at the Owatonna compressor station located in Steele County, Minnesota.

Environmental Training

One contractor constructed the Owatonna compressor station. The environmental training totals listed below reflect all training conducted for this project facility.

On-site Contractor: Ranger Plant Constructional Company, Inc. (Ranger)

Overall Construction Start Date: April 2, 2019

Environmental Training Conducted: This reporting period: 0 Total to date: 110

Construction Status:

Civil: Jensen Excavating & Trucking, LLC (Jensen) regraded and asphalted the station driveway.

Restoration: The site has reached between 40% of original vegetative coverage where the construction trailers were parked, and 70% on the septic mound and north of the infiltration ditch.

Rain Events

Three rain events of 0.5 inch or greater occurred during this reporting period. The project area received 0.6 inch of precipitation on July 26, 2020; 2.5 inches on July 27, 2020; and 0.9 inch on August 13, 2020. This project site received a total of 4.25 inches of rain this reporting period. To date, the project has received 61.5 inches of precipitation.

Owatonna Compressor Station Construction Progress			
Activity	Start Date	Completed	Notes
Site Preparation	4/1/2019	7/26/2019	Site preparation is completed.
Civil	4/9/2019	11/22/2019	Civil work is completed.
Permanent Stormwater	4/24/2019	11/15/2019	Infiltration trench is completed.
Pipeline Tie-Ins	9/10/2019	9/14/2019	Tie-ins are completed.
Mechanical	4/19/2019	11/22/2019	Mechanical work is completed.
Hydrostatic Testing	8/23/2019	8/24/2019	Hydrostatic testing completed.

Electrical	6/3/2019	1/24/2020	Electrical work is completed.
Commissioning	10/2/2019	11/1/2019	Commissioning is completed.
Clean-Up and Restoration	10/14/2019	6/23/2020	Restoration work is completed.
*Completed totals include either percentage completed or date all completed. All totals are approximate. Percentage completed references the location at time table was completed within this reporting period.			

Two-Week Projection

1. Construction is complete

Owatonna Compressor Station Related Spill Totals

All project derived waste will be properly managed, and every effort will be made to eliminate spills. No spills occurred within this reporting period. Ranger will dispose of spill-related materials at the Steele County Environmental Landfill in Blooming Prairie, Minnesota, after classification of waste.

This reporting period: 0

Quantity: 0.0 gallons

Total to date: 1

Total quantity: 7.7925 gallons

Spills To Date				
Spill No.	Date	Segment	Volume	Notes
1	6/19/2019	Owatonna compressor station	7.7925 gallons	Spill was completely contained and cleaned up. Contaminated soil was properly stored in hazardous waste barrels (hydrostatic test water and oil).
*The Minnesota Duty Officer will be notified of all spills meeting reporting requirements of the MPCA and/or MDNR. The National Response Center (NRC) will be notified as applicable.				

PROJECTS IN RESTORATION PHASE

Alexandria Branch Line Loop Extension

Northern constructed and is operating an approximately 4.3-mile, eight-inch-diameter extension of the MNB72902 Alexandria branch line loop.

On-site Contractor: Minnesota Limited, LLC (Minnesota Limited)

Overall Construction Start Date: May 21, 2019

Restoration Status:

The roadside ditch and perimeter of the valve yard at MP 16.80 has 68% vegetative cover. All other areas have achieved final revegetation.

Willmar C-Line Extension

Northern constructed and is operating an approximately 3.1-mile, 24-inch-diameter extension of the 12-inch-diameter Willmar C-line (MNB75602).

On-site Contractor: Minnesota Limited, LLC (Minnesota Limited)

Overall Construction Start Date: July 22, 2019

Restoration Status: The wetland at the launcher facility at MP 1.0 has 65% vegetative cover. All other areas have achieved final revegetation.

Rockford to Buffalo Greenfield Lateral

Northern constructed and is operating an approximately 10-mile-long, 24-inch-diameter greenfield pipeline in Hennepin and Wright counties, Minnesota.

On-site Contractor: Michels Corporation (Michels)

Overall Construction Start Date: June 14, 2019

Restoration Status: All areas reseeded prior to August 31, 2019, have achieved final revegetation. The remainder of the project ranges from 10% to 50% vegetative cover.

Rochester Greenfield Lateral and Rochester Town Border Station (TBS)

Northern constructed and is operating an approximately 12.3-mile 16-inch-diameter greenfield branch line in Olmsted County, Minnesota. A new delivery point was constructed at the terminus of the Rochester greenfield lateral.

On-site Contractor: Michels Pipeline (Michels)

Overall Construction Start Date: May 22, 2019

Restoration Status:

A landowner impacted the roadside ditch at MP 6.45 on the north side of 126th Street, which has now achieved 65% vegetative coverage. All other areas have achieved final revegetation.

LaCrosse Branch Line MAOP Uprate

Northern increased the maximum allowable operating pressure (MAOP) on an approximate eight-mile-long segment of the 16-inch-diameter MNB73201 LaCrosse branch line from its current pressure of 800 pounds per square inch gauge (psig) to 1,000 psig between MP 15.57 in Section 2, T104N, R19W, Freeborn County, Minnesota, and MP 23.61 in Section 1, T104N, R18W, Mower County, Minnesota.

The uprate included relocation of an existing MAOP control valve assembly from its current location at MP 15.57 in Freeborn County, downstream to MP 23.61, in Mower County, Minnesota. One contractor conducted the LaCrosse branch line MAOP uprate and regulator relocation.

On-site Contractor: Minnesota Limited, LLC (Minnesota Limited)

Overall Construction Start Date: July 16, 2019

Restoration Status

Restoration is complete.

PROJECTS COMPLETELY RESTORED

Carver Compressor Station

Northern constructed and is operating an 11,153-horse power (HP) greenfield compressor station in Carver County, Minnesota.

On-site Contractor: K & K Construction, LLC (K & K)

Overall Construction Start Date: April 22, 2019

Restoration Status:

Restoration is complete.

Faribault Compressor Station

Northern installed and is operating an additional 15,900-HP turbine unit (Unit No. 3) at the Faribault compressor station located in Rice County, Minnesota.

On-site Contractor: Michels Corporation (Michels)

Overall Construction Start Date: April 2, 2019

Restoration Status:

Restoration is complete.

New Prague Branch Line Loop

Northern constructed and is operating an approximately 1.6-mile, six-inch-diameter loop of the MNB84501 three-inch-diameter New Prague branch line in Le Sueur County, Minnesota.

On-site Contractor: Minnesota Limited, LLC (Minnesota Limited)

Overall Construction Start Date: May 13, 2019

Restoration Status:

Restoration is complete.

PROJECT-WIDE AGENCY COMMUNICATIONS AND SITE VISITS

There were no project wide agency communications during this reporting period.

PROJECT-WIDE LANDOWNER CONCERNS

No landowner concerns were identified during this reporting period.

PROJECT-WIDE NON-COMPLIANCE CONCERNS

No project non-compliance concerns were identified during this reporting period.

Photos of this reporting period's activities

PROJECTS RESUMING CONSTRUCTION AFTER WINTER STABILIZATION

Owatonna Compressor Station



Facing southwest, ECB installed along slope and over drain tile trench west of compressor station auxiliary building, vegetation is progressing



Facing west, infiltration trench is functioning properly and vegetation is progressing on banks of infiltration trench, driveway has been repaved



Facing west, seeded and mulched temporary workspace north of compressor station



Facing southwest, seeded and mulched extra temporary workspace north of security fence, vegetation is progressing

PROJECTS IN RESTORATION PHASE

Alexandria Branch Line Loop Extension



Facing south, west of 100th Avenue vegetation has reached 68%

Willmar C-Line Extension



Facing east near MP 0.1, north side of 134th Street, ECBs in roadside ditch, vegetation has reached 65%

Rockford to Buffalo Greenfield Lateral



Facing south at MP 1.35, ECBs in roadside ditch south of 37th Street Southeast, vegetation has reached 10%



Facing east at MP 7.44, ECBs in roadside ditch north of Division Street East

Rochester Greenfield Lateral



Facing northeast at MP 6.45, ECBs and vegetation impacted by landowner's tractor tires

LaCrosse Branch Line MAOP Uprate



Facing south, ECBs in roadside ditch west of 560th Avenue, vegetation has reached 70%