

John W. Morrison
100 West Broadway, Suite 250
P.O. Box 2798
Bismarck, ND 58502-2798
701.223.6585
jmorrison@crowleyfleck.com

December 27, 2017

Via Hand Delivery

Mr. Darrell Nitschke
Executive Director
North Dakota Public Service Commission
600 E. Boulevard, Dept. 408
Bismarck, ND 58505-0480

In re: ONEOK Bakken Pipeline, L.L.C.
Case Nos. PU-15-801, PU-15-137, and PU-11-066
Post Construction Inspection Report Follow-up

Dear Mr. Nitschke:

Enclosed for filing please find the original and ten copies of the Post Construction Inspection Report Follow-up in the captioned cases.

Please call should you have any questions. Thank you.

Very truly yours,



John W. Morrison

JWM/lh
enc.

cc: Eddie Zedaker (via email)
Michael Dailey (via email)
Sara Cardwell (via email)



December 22, 2017

Via Hand Delivery

Sara Cardwell
Public Utilities Analyst
North Dakota Public Service Commission
600 East Boulevard, Dept. 408
Bismarck, ND 58505-0480

**RE: Case Nos. PU-15-801, PU-15-137, and PU-11-066
ONEOK Bakken Pipeline, L.L.C.
Post Construction Inspection Report Follow-up**

ONEOK Bakken Pipeline, L.L.C. (OBP) respectfully submits the following information as an update to its OBP tree and shrub mitigation plans for the above-referenced projects.

1. PU-15-801 – 8-inch Bear Creek NGL Pipeline, Dunn and McKenzie County, North Dakota (Bear Creek Project).

Background:

OBP filed its Tree and Shrub Mitigation Plan (Plan) with the North Dakota Public Service Commission (Commission) on April 4, 2017 in accordance with the Commission's Order and the Certification Relating to Order Provisions, Transmission Facility Siting with accompanying Tree and Shrub Mitigation Specifications. The Plan tabulated 10,814 trees and shrubs for removal by construction of the Bear Creek Project that required mitigation plantings at a minimum 2 to 1 ratio (21,628 plants) with a 75 percent success target of 16,222 plants. In order to comply, OBP plans to plant trees and shrubs at up to a 3 to 1 ratio. Due to a high number of landowners that did not want plantings on their properties, OBP proposed to stagger its planting over two years, in 2017 and 2018, working in conjunction with the McKenzie County Soil Conservation District (SCD). A summary of OBP's Plan and the planting requirements are provided in the table below.

Plan Summary

Species	Removed	Planned Plantings (3 to 1 Ratio)	Required Plantings (2 to 1 Ratio)	Survival Target (75% of 2 to 1 Ratio)
Trees	2,081	6,243	4,162	3,122
Shrubs	8,733	26,199	17,466	13,100
Total	10,814	32,442	21,628	16,222

December 22, 2017
Sara Caldwell

OBP Update:

Collectively, OBP contractors and McKenzie SCD staff planted a total of 12,418 plants in 2017 which is approximately 39 percent and 58 percent of the planned and required totals, respectively. Of those planted, 8,664 survived. While the survival rate was generally low due to extreme drought conditions, OBP has documented the survival of more than half of its total 2 to 1 survival target. A summary of the plantings, mortality, and survival numbers to-date is provided in the table below.

2017 Planting Summary

Species	Planted	September 2017 Mortality	September 2017 Survival
Trees	1,159 ^a	493 ^b	666
Shrubs	11,259	3,261	7,998
Total	12,418	3,754	8,664
^a	495 reported by OBP contractors; 664 by McKenzie County SCD staff		
^b	122 reported by OBP contractors; 371 by McKenzie County SCD staff		

As noted in the Commission's April 5, 2017 memorandum, OBP is working with the McKenzie County SCD staff to find suitable locations for an additional 19,890 trees and shrubs in 2018. At this time, SCD staff project another 3,285 trees will be planted in 2018, of which 2,833 would be on land affected by the Bear Creek project.

In order to facilitate additional tree mitigation efforts, OBP coordinated with the North Dakota Petroleum Council (NDPC) in its "Planting for the Future: Tree Habitat Program" (the NDPC Program), which was awarded a grant from the North Dakota Industrial Commission (NDIC) from its Outdoor Heritage Fund on November 30, 2017. The details of the NDPC Program remain in process, but as currently envisioned, the planned "Planting for the Future Partnership" (the Partnership) will plant at least 55,000 trees throughout a three (3)-year period, with a possible fourth year if needed for land preparation and to account for possible inclement weather that might delay efforts. OBP and the NDPC plan to finalize a Memorandum of Understanding to establish the agreed upon terms of the NDPC Program and the Partnership. OBP and the NDPC plan to document the number and location of the trees planted under the NDPC Program and the associated survival rates, which will document compliance with OBP's tree and shrub mitigation requirements under PU-15-801 and other OBP projects, as applicable (e.g., PU-11-066, see #3, below.)

OBP will file additional information about the 2018 plantings in Spring 2018, and will file an update on planting success in Fall 2018 for review by the Commission staff.

December 22, 2017
Sara Caldwell

2. PU-15-137–Lonesome Creek NGL Pipeline, McKenzie County, North Dakota

Background:

In accordance with OPB's application, orders, and construction plans, OBP avoided the removal of trees and shrubs to the greatest extent feasible during construction of the Lonesome Creek Project; however, 13 trees could not be avoided on one property. These losses were inventoried in a filing on March 11, 2016 in which OBP proposed to work with the McKenzie County SCD to mitigate losses by planting replacement trees at a 2 to 1 ratio for a total target of at least 26 trees. In a January 23, 2017 letter documenting post-construction inspection reports, Commission staff noted: *On March 14, 2016 the Company filed a Tree Removal Inventory and Plan. At this time, to comply with the Tree and Shrub Mitigation Specification agreed to as a part of the Certification Relating to Order Provisions, the Company needs to report on the plantings and the inspection of those plantings for three years. The trees should have been planted in the spring of 2016 and the annual inspection should have been reported on in October of 2016.*

In response, OBP noted it is working with the McKenzie County SCD to conduct tree mitigation activities in 2017 and the first annual inspection will be completed in September 2018 in accordance with Tree and Shrub Mitigation Specification #16.

OBP Update:

McKenzie County SCD staff reported in an email on October 23, 2017 that it planted 84 trees in 2017 on the property affected by the Lonesome Creek Project, of which only 29 survived due to the severe drought conditions in 2017. The 29 trees that survived exceed the 26 trees targeted for planting in OBPs Plan. OBP will file an update to the success of the 2017 plantings in Fall 2018 to be reviewed for compliance.

3. PU-11-066–Garden Creek to Riverview NGL Pipeline, McKenzie County, North Dakota

Background:

On May 21, 2012, OBP filed a Tree and Shrub Mitigation Plan which was approved by the Commission on June 14, 2012. On August 28, 2015, the North Dakota Public Service Commission Staff requested information as to the Company's tree and shrub mitigation efforts in this case. On October 14, 2015, the Company responded that it would be conducting its tree and shrub mitigation efforts in conjunction with the mitigation that might be required for the Garden Creek Loop project (Case No. PU-15-694). However, due to the extended gap in time between the two (2) projects, ONEOK submitted a Partial Tree and Shrub Mitigation Plan (Partial Plan) on April 4, 2017 for the Garden Creek to Riverview NGL Pipeline Project which was approved by the Commission on April 13, 2017. The Partial Plan indicated OBP has coordinated with the McKenzie County SCD to conduct tree mitigation activities with initial plantings proposed to begin in 2017 and 2018. A summary of the tree and shrub impacts and mitigation requirements are summarized below.

December 22, 2017
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PU-11-066 Tree/Shrub Impact and Mitigation Summary

Species	Removed	Planned Plantings (3 to 1 Ratio)	Required Plantings (2 to 1 Ratio)	Survival Target (75% of 2 to 1 Ratio)
Trees and Shrubs	140	360 (2017) 100 (2018)	280	105

At this time, to comply with the Tree and Shrub Mitigation Specification agreed to as a part of the Certification Relating to Order Provisions, the Company needs to report on the plantings and the inspection of those plantings for three (3) years.

OBP Update:

In an email dated October 23, 2017, McKenzie SCD staff reported that 367 trees were planted in 2017 on land affected by the Garden Creek Project. The SCD staff reported that 169 trees did not survive due to the extreme drought conditions in 2017. This indicates that 198 trees survived, which exceeds OBP's total 2 to 1 survival target. In addition, SCD staff project that another 3,285 trees will be planted in 2018, of which 452 will be on properties affected by the Garden Creek Project. OBP will file an update on the success of 2017 plantings in Fall 2018 for review by Commission staff.

OBP anticipates that the tree planting by OBP to-date, in conjunction with the McKenzie County SCD staff and the Partnership plantings, will exceed the planting requirements for all the above projects combined. OBP expects to provide additional details about its planting efforts in its next update to the Commission in Fall 2018.

Thank you for your attention to enclosed materials. Please contact Edwin Zedaker, Environmental Project Manager, at 918-595-1783 or, via email, at Edwin.Zedaker@oneok.com with any questions or concerns you may have.

Sincerely,



Walter L. Allen
Vice President, NGL Pipelines and Terminals



Cc: Brian Boulter, Vice President, Construction Projects
Brent Bowling, Operations Engineer
John Morrison, Crowley Fleck
Norm Mueller, Supervisor
Tulsa Large Construction – Bear Creek, Lonesome Creek, and Garden Creek files