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Memorandum

Date: 5/31/2019
To: Pat Fahn – ND PSC
Copy to: Mike Stahly – Cenex Pipeline, LLC
From: Grady Wolf - KLJ
RE: Tree and Shrub Sampling Plan -

Remarks

KLJ was contracted by Cenex Pipeline, LLC (Cenex), to complete a tree and shrub survey in compliance with the Tree and Shrub Mitigation Specifications incorporated into the North Dakota Public Service Commission's (Commission) March 14, 2018 Findings of Fact, Conclusions of Law and Order granting a Certificate of Site Compatibility to Cenex in Case no. PU-17-97 (Order).

In compliance with the Order, a tree and shrub inventory will be conducted within the construction corridor to identify the number of trees and shrubs anticipated to be impacted by the project and therefore requiring replacement. The sampling methods described below have been and will be utilized where direct count is not feasible:

- A representative sample plot will be chosen;
- The representative sample plot will be measured in the most practical unit

(square footage, acreage, etc.);

- The number of trees or shrubs in the sample plot will be counted; and

The ratio of number of trees or shrubs identified in the representative sample plot will be used to identify the overall number of trees or shrubs within the total wooded area. A detailed tree and shrub mitigation plan will be completed once tree and shrub impacts are accurately identified. The tree and shrub mitigation plan will include the number and variety of trees and shrubs removed as part of the project, and will also identify the proposed number, variety, type, location, and anticipated date of tree and shrub replacement plantings for the project. The detailed tree and shrub mitigation plan will be submitted to the Commission for approval prior to tree and shrub replacement.