

STATE OF NORTH DAKOTA  
PUBLIC SERVICE COMMISSION

Arrow Field Services, LLC  
10-Inch & 8-Inch NGL Pipeline Project – McKenzie  
Siting Application

Case No. PU-17-48

AFFIDAVIT OF SERVICE BY REGULAR AND ELECTRONIC MAIL

STATE OF NORTH DAKOTA  
COUNTY OF BURLEIGH

Geralyn R. Schmaltz deposes and says that:

she is over the age of 18 years and not a party to this action and, on the **27th** day of **September 2021**, she deposited in the United States Mail, Bismarck, North Dakota, **3** envelopes by first class mail, fully prepaid, securely sealed each containing a photocopy of:

- **Order on Tree and Shrub Mitigation Specifications**

The envelopes were addressed as follows:

**See attached list**

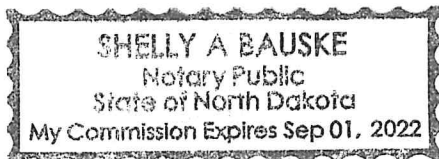
Geralyn R. Schmaltz further deposes and says that on the **27th day of September 2021**, she sent an electronic message to **46** addressees, each including an electronic copy in portable document format of the same document.

The electronic mails were addressed as follows:

**See attached list**

The addresses shown are the respective addressee's last reasonably ascertainable post office and electronic mail addresses.

Subscribed and sworn to before me  
this **27th day of September 2021**.



Notary Public

(SEAL)

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**STATE OF NORTH DAKOTA**  
**PUBLIC SERVICE COMMISSION**

**Arrow Field Services, LLC**  
**10-Inch & 8-Inch NGL Pipeline Project - McKenzie**  
**Siting Application**

**Case No. PU-17-48**

**ORDER ON TREE AND SHRUB MITIGATION SPECIFICATIONS**

**September 22, 2021**

**Preliminary Statement**

The Commission's June 30, 2017 Order on Recommended Findings of Fact, Conclusions of Law and Order issued Certificate of Corridor Compatibility No. 199 and Route Permit No. 210 to Arrow Field Services, LLC (Arrow Fields) for the location of a 2.6 miles of natural gas liquids pipeline in McKenzie County North Dakota. Attached to the June 30, 2017 Order was the Tree and Shrub Mitigation Specifications for the Project.

On March 13, 2019, the Commission revised its Tree and Shrub Mitigation Specifications to update the process for mitigation reporting.

On June 15, 2021, Commission Staff sent a Notice of Noncompliance to Arrow Fields suggesting that Arrow Fields may wish to consider complying instead with the March 13, 2019, version of the Tree and Shrub Mitigation Specifications.

On July 16, 2021, Arrow Fields responded to the June 15, 2021 Commission Staff Notice of Noncompliance.

**Discussion**

The Tree and Shrub Mitigation Specifications (Specifications) attached to and made part of the Commission's June 30, 2017 Order required that two trees be planted for every one tree removed, and that two shrubs be planted for one shrub removed. The Specifications required that tree and shrub replacements be inspected annually, in September, for three years, with the first annual inspection at least one year from the anniversary date of the original plantings. The Specifications further required that a report of each annual inspection be submitted to the Commission by October 1 of each year, documenting the condition of plantings and any woodlands work completed as of September of each year.

The Commission's March 13, 2019 Specifications were conceived to be goal or purpose oriented to create sustainable plantings, appropriate for the local soil and growing conditions that will provide long-term benefits to landowners, farmers and ranchers, the community, wildlife and the environment. In lieu of annual reporting for

three years, the Commission's March 13, 2019 Specifications requires one final report filed by the company after two years that details the company's tree and shrub mitigation efforts and describes how the company's mitigation achieved the purpose stated above.

Since Arrow Fields has not initiated its efforts to comply with the Tree and Shrub Mitigation Specifications, Commission Staff suggested that Arrow Fields consider complying instead with the March 13, 2019 version of the Tree and Shrub Mitigation Specifications.

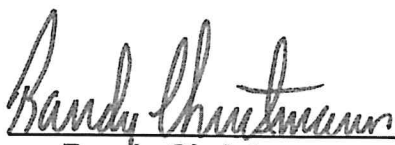
Arrow Fields has indicated a desire to comply with the March 13, 2019 version of the Tree and Shrub Mitigation Specifications instead of the June 30, 2017 Tree and Shrub Mitigation Specifications.

Having considered this matter, the Commission issues the following:

### Order

The Commission Orders that its June 30, 2017 Order in Case No. PU-17-48 is amended to replace the Tree and Shrub Mitigation Specifications adopted in that Order with the March 13, 2019 version of the Tree and Shrub Mitigation Specifications, attached to and made part of this Order.

### PUBLIC SERVICE COMMISSION

  
Randy Christmann  
Commissioner

  
Julie Fedorchak  
Chair

  
Brian Kroshus  
Commissioner

**STATE OF NORTH DAKOTA  
PUBLIC SERVICE COMMISSION**

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**Tree and Shrub Mitigation Specifications**

**Inventory**

Prior to cutting or clearing trees or shrubs for construction:

- All trees one-inch or greater in diameter at breast height must be inventoried to record the location, number, and species.
- All shrubs and all coniferous trees of any diameter must be inventoried to record the location, number, and species.

**Clearing**

The maximum width of tree and shrub removal is 50 feet, unless otherwise approved by the Commission.

**Replacement**

1. Landowners must be given the option to have trees and shrubs that are removed from their property replaced on their property. The landowner may waive this option in writing. If the landowner waives this option, the company shall plant replacement trees and shrubs in an alternate location in the same region, if practical.
2. Trees and shrubs must be replaced on a minimum two-to-one basis. The company shall develop a Tree and Shrub Mitigation Plan (Plan) in consultation with landowners who are seeking replacement trees and shrubs and in accordance with USDA-NRCS-North Dakota Field Office Technical Guide: Windbreak and Woodland Tree Care and Management. The guidelines outlined in the Technical Guide shall be followed until filing of the Plan summary outlined in number 5 below.
3. The purpose of the company's Tree and Shrub Mitigation Plan is to create sustainable plantings, appropriate for the local soil and growing conditions that will provide long-term benefit to landowners, farmers and ranchers, the community, wildlife and the environment.
4. The Plan, including the proposed number, variety, type, location, and approximate date for plantings, shall be filed with and approved by the Commission.
5. Two years after completion of the plan, the company must file a summary documenting how the plan achieved the purpose outlined in number 3 above. The summary must also report the number of surviving replacement trees and shrubs.

6. The Commission will consider, on a limited basis as conditions warrant, mitigation plans that provide long-term wildlife habitat and conservation benefits but do not involve the replanting of trees and shrubs.