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KLJENG.COM

Memorandum

Date: 10/31/2019
To: Matt Trapeni, EGP North America
From: Ashley Ross, KLJ
RE: 2019 Tree and Shrub Survival Report – Lindahl Wind Farm Project (PU-15-482)

Remarks

Following the requirements of the PSC Certificate of Site Compatibility, Lindahl Wind Farm mitigated trees and/or shrubs removed during construction. Trees and/or shrubs removed by construction were to be replaced at a 2:1 ratio per the PSC Tree and Shrub Mitigation Specifications; however, Lindahl Wind Farm has indicated that all impacted trees and shrubs were replaced at a 3:1 ratio to ensure meeting the survivability requirements for mitigation.

Five landowners had trees and/or shrubs removed by construction of this project. Three landowners opted to have the trees and shrubs replaced on their property. The remaining two landowners signed waivers opting to not have trees replanted on their property. The trees and shrubs waived for planting on the landowner's property were planned for replacement at the Lindahl Wind Project Substation. Due to further discussions with landowners at the time of planting as well as available space for planting of trees at some locations, the proposed and actual number and locations of trees and shrubs were altered from the original mitigation plan, as indicated in the notes in the table below.

The trees and shrubs planted for mitigation were planted in August of 2018. A tree and shrub survival count was completed on October 22, 2019, documenting the number and species identified and the survival rate. Of the 550 trees planted for this project, 392 were alive in the fall of 2019. Since the number of trees planted for the mitigation exceeds the planting requirement, the current survival rate is 80% at the 3:1 ratio planting rate and 120% of the required 2:1 mitigation ratio required by the PSC. Please refer to the following table.



Landowner	Location	Species	Number Planted for 3:1 Mitgation	Survival Count on 10/22/19
Gohrick	Sec. 8, T158N, R95W	Eastern Red Cedar*^	120	100
		Ponderosa Pine	12	12
		Green Ash*^	117	107
		Rocky Mt. Juniper*	30	30
		Peach Willow*	6	3
McGinnity	Sec. 5, T158N, R 95W	Ponderosa Pine	6	0
Strid	Sec. 26, T159N, R95W	Green Ash	9	9
		Ponderosa Pine**	61	61
Substation Planting	Sec. 9, T158N, R 95W	Eastern Red Cedar	141	70^^
		Green Ash	48	0^^
Total			550	392

*Moved from Strid parcel at request of Mr. Strid.

^Moved from substation parcel due to insufficient space for planting.

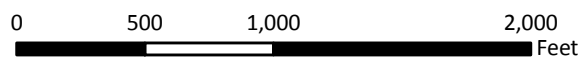
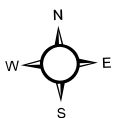
**Extra trees voluntarily planted at request of Mr. Strid.

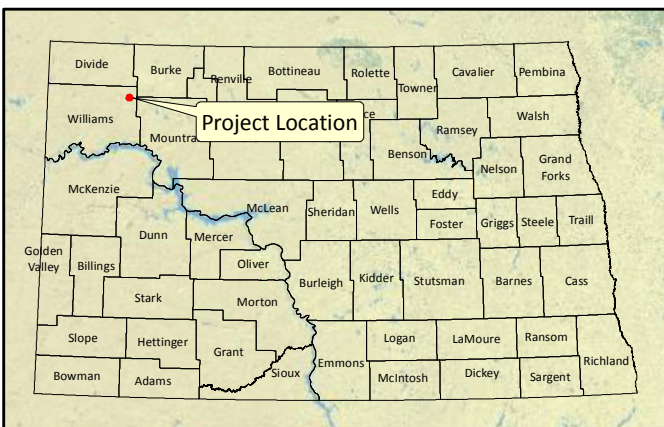
^^Trees not accounted for were inadvertently tilled under by adjacent landowner.



Lindahl Wind Project
Williams County, ND
Landowner: Jerol Gohrick, Darren Gohrick,
Joan Gohrick, & Orrice J. Gohrick
Tree Location Map

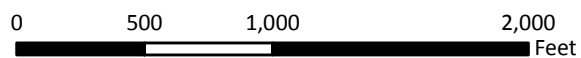
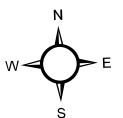
— Oct 2019 Tree Survival Inventory





Lindahl Wind Project
Williams County, ND
Landowner: F. Kevin McGinnity
Tree Location Map

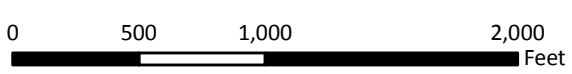
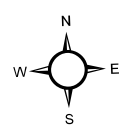
— Oct 2019 Tree Survival Inventory





Lindahl Wind Project
Williams County, ND
Landowner: Raydean Strid & Juli Strid
Tree Location Map

 Oct 2019 Tree Survival Inventory

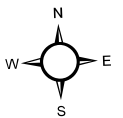


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**Lindahl Wind Project
Williams County, ND
Lindahl Wind Project Substation
Tree Location Map**

Oct 2019 Tree Survival Inventory



0 500 1,000 2,000
Feet

