



13100 Northwest Freeway
Suite 150
Houston, Texas 77040

December 17, 2019

Mr. Jonathan Minton
Energy Transfer Partners
1300 Main Street
Houston, TX 77002

**RE: Settlement Agreement Tree Replacement; 2019 Tree Planting Effort
Dakota Access Pipeline Project
North Dakota**

Mr. Minton,

On September 20, 2017, Dakota Access Pipeline, LLC, (Dakota Access) entered into a Settlement Agreement with the North Dakota Public Services Commission (PSC) to settle certain disputes between Dakota Access and the PSC relative to construction of the Dakota Access Pipeline Project in North Dakota. Paragraph 11 (b) of the Settlement Agreement provides that Dakota Access will “plant, or pay for planting of, twenty thousand (20,000) trees in consultation with various county soil conservation districts (SCDs) traversed by the Pipeline by December 31, 2018.” The 20,000 trees to be provided by Dakota Access were limited by Section 11(b) of the Settlement Agreement to two-year old saplings of the following species: Amur maple, Black Hills Spruce, Boxelder, Bur oak, Colorado blue spruce, Eastern red cedar, Hackberry, Green Ash, Native Cottonwood, Paper birch, Peachleaf willow, Ponderosa Pine, Quaking aspen, Rocky Mountain juniper, and Sharpleaf Willow. Dakota Access has engaged Perennial Environmental Services, LLC (Perennial) to coordinate the settlement planting with the SCDs on their behalf. This letter serves to provide Dakota Access with a summary of the settlement tree planting effort in 2018 and the supplemental tree planting effort that took place in 2019.

Following the issuance of the Settlement Agreement, Perennial, on behalf of Dakota Access, reached out to all SCDs crossed by the Project to coordinate tree plantings for 2018. In November of 2017, after preliminary discussions with representatives from each SCD regarding their resources and capabilities for planting efforts in 2018, a tentative number of trees was requested of each SCD. The requested number of trees totaled 22,000 trees to include a 10% contingency (**Table 1, Column C**). Of the seven counties crossed, six SCDs accepted funds from Dakota Access and were able to perform plantings within their respective county. One SCD, McKenzie County, responded that they would not be able to supply Dakota Access tree plantings because they found the 15 tree species identified in the Paragraph 11(b) of the Settlement Agreement to be largely unsuitable for planting in their County. Due to factors including limited staff/equipment

and difficulty finding willing landowners or suitable planting conditions, the number of tree plantings that each SCD was able to provide in 2018 varied significantly.

Following the 2018 planting season, each SCD reported the results of their planting effort in 2018 to Perennial. All tree plantings that occurred in 2018 are summarized in **Table 1, Column D**. In total, 8,790 trees were planted in 2018 by SCDs on behalf of Dakota Access which was short of the 20,000 trees agreed to in the Settlement Agreement by 11,210 trees.

Per the Settlement Agreement (Paragraph 11 (c)), “In the event Dakota Access is unable, due to supply of 2-year-old saplings or other market conditions to procure the entire 20,000 trees referenced in 11(b) for planting on or before December 31, 2018, Dakota Access' obligation shall extend into the following year until such time as Dakota Access has provided and planted or caused to be planted the total aggregate quantity required.” In order to reach 20,000 trees by December 31, 2019, in the fall of 2018, Perennial had, once again, engaged all SCDs that were willing to plant trees in 2018 and requested that they expand their efforts in 2019. All six SCDs agreed to accept payment from Dakota Access and plant additional trees. Based on the shortcomings of the 2018 tree planting effort and at the direction of Dakota Access, Perennial requested that the SCDs plant as many trees as possible in 2019 so as to ensure sufficient plantings would occur during the second and final planting effort.

Following the 2019 planting season, each SCD reported the results of their planting effort in 2019 to Perennial. All tree plantings that occurred in 2019 are summarized in **Table 1, Column E**. In total, 21,141 trees were planted in 2019 by SCDs on behalf of Dakota Access.

Table 1: 2018 and 2019 Dakota Access Settlement Tree Planting Summary

<u>A</u> County	<u>B</u> Soil Conservation District Contact	<u>C</u> Number of Trees Requested of Each SCD (Requested in 2017)	<u>D</u> 2018 Tree Planting Numbers	<u>E</u> 2019 Tree Planting Numbers	<u>F</u> Total Tree Plantings
Mountrail	Pam Germundson 701-628-2151 Pam.Germundson@nd.nacdnet.net	1,000	978	1,532	2,510
Williams	Sue Zavalney and Molly Jugovic 701-572-6729 sue.zavalney@nd.nacdnet.net molly.jugavic@nd.nacdnet.net	2,000	452	2,649	3,101
McKenzie	Jackie Cargo 701-842-3628 jacqlyn.heins@nd.nacdnet.net	4,000	0	0	0
Dunn	Kaylee Stein 701-764-5646 Kaylee.Stein@nd.nacdnet.net	5,000	1,119	1,899	3,018

<u>A</u> County	<u>B</u> Soil Conservation District Contact	<u>C</u> Number of Trees Requested of Each SCD (Requested in 2017)	<u>D</u> 2018 Tree Planting Numbers	<u>E</u> 2019 Tree Planting Numbers	<u>F</u> Total Tree Plantings
Mercer	Sarah Tunge 701-873-2101 sarah.tunge@nd.nacdnet.net	4,000	3,001	1,257	4,258
Morton	Ryan Kobilansky 701-667-1163 ryan.kobilansky@nd.nacdnet.net	3,000	362	1,044	1,406
Emmons	Rhonda Kelsch 701-254-4653 Rhonda.Kelsch@ND.nacdnet.net	3,000	2,878	12,760	15,638
Totals		22,000	8,790	21,141	29,931

In summary, on behalf of Dakota Access, SCDs planted 8,790 trees in 2018 amounting to 11,210 trees less than Dakota Access' commitment to plant 20,000 trees. In order to achieve Dakota Access' commitment, SCDs planted an additional 21,141 trees in 2019, bringing the total aggregate quantity to 29,931 trees planted, exceeding Dakota Access' commitment by 67%. Thus, Dakota Access' commitment to plant 20,000 trees prior to December 31, 2019 has been fulfilled in accordance with the Settlement Agreement.

Sincerely,



Jonathan Fredland
Environmental Project Manager

Attachments: Attachment 1: 2018 SCD Planting Reports
Attachment 2: 2019 SCD Planting Reports



PERENNIAL
Environmental Services

13100 Northwest Freeway
Suite 150
Houston, Texas 77040

Attachment 1:

2018 SCD Planting Reports

Settlement Agreement Tree Replacement Effort 2018 for
Dakota Access Pipeline Project
2018 Soil Conservation Planting Report

Mountrail County

Soil Conservation District Contact: Pam Germundson
701-628-2151 Pam.Germundson@nd.nacdnet.net

Landowner	# of Trees Planted
Shawn Iwen	978
Total	978

Name **Shawn Iwen** Address **PO Box 212 Stanley ND 58784** Phone # **629-2280** Date: **11/30/17**

Plan Sketch Map Quarter **NW 1/4** Section **32** Twnshp **156** Range **93**



Planned Soil Mapunit / name component(s) **Zahl** Planned by: **TU** Date: **11/30/17**

Conservation Tree & Shrub Group **8K** Select MLRA **53B** Date:

Type of Planting **New**

Landuse **Wildlife** Program **None**

Site Preparation **Fallow** Protected from livestock? **Yes**

Site conditions at planting time: **Good**

Spacing between rows: **15** feet

Distance from Windward row to roads or bldgs.: **200** feet

(Minimum 200' on N & W, and 100' on S & E) Planted by:

Remarks on site prep, conditions and management (Weed Control) Date: **Dakota Access Pipeline Trees**

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: _____ Date: _____ Certified By: _____ Date: _____

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	ROW Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	1700	1650	20	0.76		Pine, Ponderosa			12		142	142	suitable	suitable
2	2200	2175	20	1.00		Juniper, Rocky Mtn.			10		220	220	suitable	
3	1300	1250	20	0.57		Redcedar, Eastern			10		130	130	suitable	
4	550	525	17.5	0.21		Juniper, Rocky Mtn.			10		55	55	suitable	
4	550	525	15	0.18		Pine, Ponderosa			12		46	46	suitable	
4	550	525	15	0.18		Ash, Green			10		55	55	suitable	
5	600	575	15	0.20		Juniper, Rocky Mtn.			10		60	60	suitable	
5	600	575	15	0.20		Pine, Ponderosa			12		50	50	suitable	
5	600	575	15	0.20		Ash, Green			10		60	60	suitable	
6	600	575	15	0.20		Hackberry			10		60	60	NR	
6	600	575	15	0.20		Oak, Bur			12		50	50	NR	
6	600	575	17.5	0.23		Spruce, Black Hills			12		50	50	NR	

10450	10100	200	4.12	Totals				2	978	978
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Settlement Agreement Tree Replacement Effort 2018 for
Dakota Access Pipeline Project
2018 Soil Conservation Planting Report

Williams County

Soil Conservation District Contact: Sue Zavalney

701-572-6729 sue.zavalney@nd.nacdnet.net

Landowner	# of Trees Planted	Planting Date
Alexander Scott	251	5/22/2018
Tom Haustveit	111	05/210218
James Sheldon	81	5/22/2018
Total	452	

Name **Alexander Scott**

Address **112 2nd Street Springbrook ND 58843**

Phone # **701 572 3276**

Date: **12 11 2017**

Plan Sketch Map



Quarter **SW 1/4**

Section **4**

Twnshp **155**

Range **99**

Planned Soil Mapunit / name component(s)

Planned by: **nt**

Date: **12 11 2017**

Arnegard

Approved by:

Date:

Conservation Tree & Shrub Group **1**

Select MLRA **53A**

Type of Planting **New**

Landuse **Other**

Program **None**

Site Preparation **Fallow**

Protected from livestock? **Yes**

Site conditions at planting time: **Good**

Spacing between rows: **16** feet

Distance from Windward row to roads or bldgs.: feet

(Minimum 200' on N & W, and 100' on S & E)

Planted by: **DN LB MJ**

Remarks on site prep, conditions and management (Weed Control) Date: **05/22/2018**

DAKOTA ACCESS PIPELINE FABRIC ON ALL ROWS 701 701 770 2974 salexander@nemont.com
Trees went in really well. A bit shallow on last little row.

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: Date: Certified By: Date:

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	ROW Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	842	845	18	0.35	1	Juniper, Rocky Mtn.	▼	▼	6		141	141	suitable	
1	150	150	16	0.06	2	Juniper, Rocky Mtn.	▼	▼	6		25	25	suitable	
1	150	150	16	0.06	3	Juniper, Rocky Mtn.	▼	▼	6		25	25	suitable	
1	130	130	16	0.05	4	Juniper, Rocky Mtn.	▼	▼	6		22	22	suitable	
1	120	120	16	0.04	5	Juniper, Rocky Mtn.	▼	▼	6		20	20	suitable	
1	106	106	18	0.04	6	Juniper, Rocky Mtn.	▼	▼	6		18	18	suitable	
							▼	▼						
							▼	▼						
							▼	▼						
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1498	1501	100	0.59	Totals				251	251
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Name Sheldon James/Bob

Address 11024 60TH Street NW Tioga ND 58852

Phone # 701 641 8888

Date: 12 11 2017

Plan Sketch Map



Quarter NE 1/4

Section 6

Twnshp 155

Range 96

Planned Soil Mapunit / name component(s)

Planned by: nt

Date:

Amor Zahl

Approved by:

Date:

Conservation Tree & Shrub Group 8K

Select MLRA 53A

Type of Planting New

Landuse Other

Program None

Site Preparation Fallow

Protected from livestock? Yes

Site conditions at planting time: Fair

Spacing between rows: 15 feet

Distance from Windward row to roads or bldgs.: feet

(Minimum 200' on N & W, and 100' on S & E)

Planted by: DN LB MJ

Remarks on site prep, conditions and management (Weed Control) Date: 05/22/2018

FABRIC ON ALL ROWS DAKOTA ACCESS PIPELINE jimbojsheldon@gmail.com stay 9 feet of sides and 15 feet between rows Soil was fluffy & hard to plant in

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications. (circle one)

Checkout by:

Date:

Certified By:

Date:

Table with 15 columns: Planting No., Planned Length, Planted Length, Planned Width, Acres, Row #, Primary Species of Tree or Shrub, Type or Variety, Alternating Specie, Planned Spacing in row, Row Spacing (installed), Number Planned (est), Number Planted (installed), Primary Specie / CTSG Suitability, Alternating Specie / CTSG Suitability. Contains 3 rows of data for planting.

Totals row: 945, 945, 50, 0.36, 81, 81

Settlement Agreement Tree Replacement Effort 2018 for
Dakota Access Pipeline Project
2018 Soil Conservation Planting Report

Dunn County

Soil Conservation District Contact: Kaylee Stein
701-764-5646 Kaylee.Stein@nd.nacdnet.net

Landowner	# of Trees Planted
Armin Voigt	425
Rod Hendricks	223
Shane Olson	237
Doug Biffert	234
Total	1119

Name Armin Voigt Address 149 99th Ave NW Dunn Center, ND Phone # 208-949-9093 Date: 3/1/18

Quarter SE 1/4 Section 27 Twnshp 146 Range 94

Planned Soil Mapunit / name component(s) E1333D Planned by: K.Stein Date: 3/1/18

Approved by: _____ Date: _____

Conservation Tree & Shrub Group 6D Select MLRA 54

Type of Planting New

Landuse Field Program None

Site Preparation Tilled/Herbicide Protected from livestock? Yes

Site conditions at planting time: _____

Spacing between rows: 20 feet

Distance from Windward row to roads or bldgs.: 200 feet

(Minimum 200' on N & W, and 100' on S & E) Planted by: _____

Remarks on site prep, conditions and management (Weed Control) Date: _____



This practice installation **MEETS / DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: _____ Date: _____ Certified By: _____ Date: _____

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	750	889	20	0.41		Juniper, Rocky Mtn.			8	8	94	112	suitable	
	750	890				Ash, Green			13	13	58	69	suitable	
	750	879				Pine, Ponderosa			13	13	58	68	suitable	
	750	874				Ash, Green			13	13	58	68	suitable	
	750	864				Redcedar, Eastern			8	8	94	108	suitable	

3750	4396	20	0.41	Totals				362	425	WEST - TREEPLAN					
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Name Rod Hendricks

Address Manning, ND

Phone # 701-690-9924

Date: 2/5/18

Plan Sketch Map

Quarter NW 1/4

Section 29

Twnshp 144

Range 96



Planned Soil Mapunit / name component(s)

Planned by:

Date:

E0627A

Approved by:

Date:

Conservation Tree & Shrub Group 3

Select MLRA 54

Type of Planting New

Landuse Farmstead

Program None

Site Preparation Tilled/Herbicide

Protected from livestock? Yes

Site conditions at planting time:

Spacing between rows: 20 feet

Distance from Windward row to roads or bldgs.: 200 feet

(Minimum 200' on N & W, and 100' on S & E)

Planted by:

Remarks on site prep, conditions and management (Weed Control) Date:

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: _____ Date: _____

Certified By: _____ Date: _____

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	750	597	20	0.27		Honeysuckle, tatarian			4	5	188	116	suitable	
	750	593				Pine, Ponderosa			13	13	58	46	suitable	
	750	587				Spruce, Blue			13	13	58	46	suitable	
	750	578				Ash, Green		Oak, Bur	13	13	58	15	suitable	suitable

3000	2355	20	0.27	Totals				362	223
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Name Doug Biffert Address 461 46th Ave SW Hazen, ND Phone # 701-748-5977 Date: 11/20/17

Quarter NW 1/4 Section 10 Twnshp 144 Range 97



Planned Soil Mapunit / name component(s) _____ Planned by: K. Stein Date: 11/20/17

Approved by: _____ Date: _____

Conservation Tree & Shrub Group 9N Select MLRA 54

Type of Planting New

Landuse Farmstead Program _____

Site Preparation Tilled/Herbicide Protected from livestock? Yes

Site conditions at planting time: _____

Spacing between rows: 16 feet

Distance from Windward row to roads or bldgs.: _____ feet

(Minimum 200' on N & W, and 100' on S & E) Planted by: _____

Remarks on site prep, conditions and management (Weed Control) Date: _____

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: _____ Date: _____ Certified By: _____ Date: _____

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	850	746	18	0.31		Redcedar, Eastern		Juniper, Rocky Mtn.	8	8	107	92	suitable	suitable
	850	735				Juniper, Rocky Mtn.			8	8	107	92	suitable	
	850	705				Ash, Green			13	14	66	50	suitable	

2550 2186 18 0.31 **Totals** 280 234 WEST - TREEPLAN

Settlement Agreement Tree Replacement Effort 2018 for
Dakota Access Pipeline Project
2018 Soil Conservation Planting Report

Mercer County

Soil Conservation District Contact: Sarah Tunge

701-873-2101 sarah.tunge@nd.nacdnet.net

Landowner	# of Trees Planted	Planting Date
Archie Wanner	114	6/12/2018
Clayton Boeckel	460	5/29/2018
Dean Helling	1484	5/30/2018
Hazen Parks	300	5/15/2018
ND Game & Fish	282	5/21/2018
Mel Atkinson	361	5/14/2018
Total	3001	

Mercer County

Thursday, November 2, 2017

DAPL Planting Inventory

Original Distribution		
Owner/Operator	Trees	Shrubs
Adam Wanner	0	92
Archie Wanner	129.8	906.4
Arlyce Schulte	224.4	888.8
Armon Wolff	0	61.6
Beverly Frank	0	66
Clayton Boeckel	0	83.6
Dean Helling	4.4	46.2
Duane Otto	0	19.8
Floyd Jacober	0	70.4
James Helling	17.6	24.2
James Swenson	0	11
Joan Kinnischitzke	0	13.2
Larry Steffen	0	46.2
Lois Wanner	0	116
Michael Haupt	0	11
Robert Braun	189.2	987.8
Shawn Unruh	46.2	1531.2
Total Mitigation	611.6	4975.4
Total Planned (estimated)	645	4237
Remaining DAPL 1	-33.4	738.4

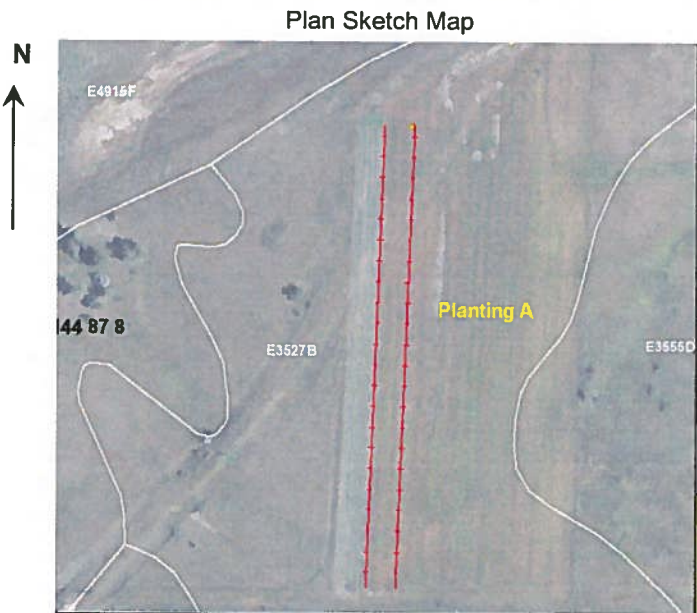
Remaining DAPL 2 (from 4,000) 999

Actual Distribution		DAPL 1		DAPL 2				
Owner/Operator	Trees	Shrubs	Trees	Notes	Footage	Prep	Barrier	
Adam Wanner/Paula Wanner				Hand Plants				
Archie Wanner	66	812	114		7796	X	X	
Arlyce Schulte/Jason Erickson	147	199		Gave remaining to Shawn Unruh	3064	X	X	
Armon Wolff				Opted Out				
Beverly Frank				Opted Out				
Clayton Boeckel		307	460		5970	X	X	
Dean Helling	15	62	1484	Dean and James Helling Combined	12011	X	X	
Duane Otto				Opted Out				
Floyd Jacober		72			450	X	X	
James Helling				Dean and James Helling Combined				
James Swenson				Opted Out				
Joan Kinnischitzke				Opted Out				
Larry Steffen				Gave to Shawn Unruh				
Lois Wanner				Hand Plants				
Michael Haupt				Opted Out				
Robert Braun/Cameron Braun	136	993			7748	X	X	
Shawn Unruh	281	1515			13688	X	X	
Hazen Parks		277	300	Shrubs from DAPL1, Trees from DAPL2	4601	X	X	
ND Game and Fish			282		1854	X	X	
Mel Atkinson			361		3245	X	X	
Actual Planned	645	4237	3001		Footage 60427			

WEST - TREE AND SHRUB PLANTING WORKSHEET

Mercer County

Name **ND Game and Fish** Address **406 Dakota Ave, Riverdale ND, 58565** Phone # **(701) 654-7574** Date: **10/18/2017**



Quarter	NW 1/4	Section	8	Twshp	144	Range	87
Lon/Lat	-101.74 47.3085	Planned by:	BK & MJ		Plan approved by		
Planned Soil Mapunit / name component(s)				E3527B			
Conservation Tree & Shrub Group				3	Select MLRA	54	
Type of Planting		New					
Landuse		Wildlife					
Site Preparation		Fallow		Site protected from livestock?		Yes	
Spacing between rows:				60	feet		
Distance from Windward row to roads or bldgs:				<200		feet	
Remarks / Management (Weed Control)				Planted by: ST,BK,MJ,JG			
				Date: 5/21/18			
Weed barrier to be installed. Under DAPL mitigation. Part of a larger planting. Sunny and clear 73deg 26%RH winds S 3-5 mph soil has some moisture.							

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications.

Certified By:

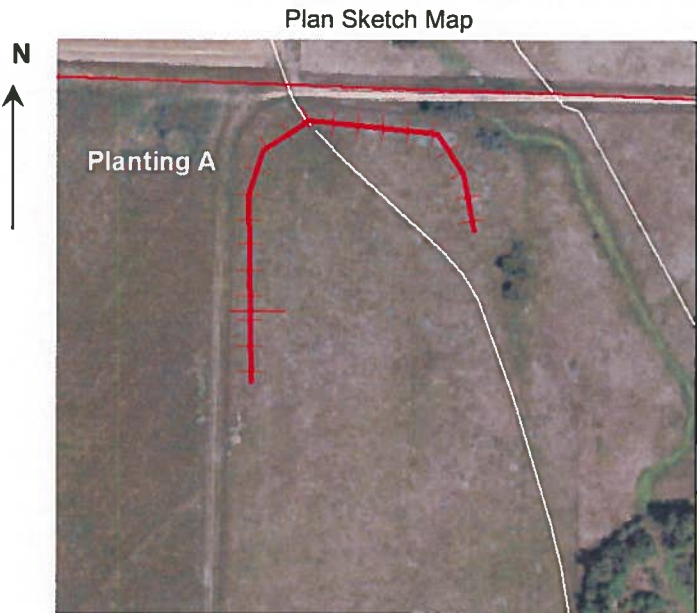
Date:

Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability
A	1,000	934	40	0.86	1	Juniper, Rocky Mtn.			6	167	143	suitable	0
	1,000	920	40	0.84	2	Juniper, Rocky Mtn.			6	167	139	suitable	0
			0	0.00	3					0	0	0	0
			0	0.00	4					0	0	0	0
			0	0.00	5					0	0	0	0
			0	0.00	6					0	0	0	0
			0	0.00	7					0	0	0	0
			0	0.00	8					0	0	0	0
			0	0.00	9					0	0	0	0
			0	0.00	10					0	0	0	0
			0	0.00	11					0	0	0	0
			0	0.00	12					0	0	0	0
			0	0.00	13					0	0	0	0
			0	0.00	14					0	0	0	0
			0	0.00	15					0	0	0	0
			0	0.00	16					0	0	0	0
Totals										333	282		

WEST - TREE AND SHRUB PLANTING WORKSHEET

Mercer County

Name Archie Wanner Address 3550 71st Ave, Hebron, ND 58638 Phone # 701-226-9518 rivercamp@w Date: 7/12/2017



Quarter	<u>NE 1/4</u>	Section	<u>28</u>	Twshp	<u>143</u>	Range	<u>89</u>	
Lon/Lat	<u>-101.9649 47.1833</u>	Planned by:	<u>MJ & BK</u>	Plan approved by				
Planned Soil Mapunit / name component(s)		<u>E1808B, & E1875D</u>						
Conservation Tree & Shrub Group			<u>7</u>	Select MLRA	<u>54</u>			
Type of Planting		<u>New</u>						
Landuse	<u>Field</u>	Cost share Program			<u>DAPL</u>			
Site Preparation		<u>Fallow</u>	Site protected from livestock?		<u>Yes</u>			
Condition of site at planting time:						<u>Good</u>		
Spacing between rows:		<u>14</u>	feet					
Distance from Windward row to roads or bldgs:		<u>>200</u>	feet					
(Minimum 200' on N & W, and 100' on S & E)							Planted by:	<u>ST,MJ,JG,SY</u>
Remarks / Management (Weed Control)						Date:		<u>6/12/18</u>
Required: Tilling, weed barrier to be applied. CTSG 7 does not include shrubs, using Juniper and Cedar for shrub functionality in wind break. Chokecherry is observed in existing windbreak on same soils but is rated NR. 114 Trees from DAPL2 . 67deg 50%RH, SW15. Excellent soil moisture .5" rain night before.								

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications.

Certified By:

Date:

Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability
<u>A</u>	<u>910</u>	<u>947</u>	<u>17</u>	<u>0.37</u>	<u>1</u>	Juniper, Rocky Mtn.	▼	▼	<u>8</u>	114	120	suitable	0
	<u>910</u>	<u>932</u>	<u>14</u>	<u>0.30</u>	<u>2</u>	Redcedar, Eastern	▼	▼	<u>8</u>	114	119	suitable	0
	<u>910</u>	<u>920</u>	<u>14</u>	<u>0.30</u>	<u>3</u>	Pine, Ponderosa	▼	▼	<u>12</u>	76	79	suitable	0
	<u>910</u>	<u>881</u>	<u>14</u>	<u>0.28</u>	<u>4</u>	Juniper, Rocky Mtn.	▼	▼	<u>8</u>	114	102	suitable	0
	<u>910</u>	<u>834</u>	<u>17</u>	<u>0.33</u>	<u>5</u>	Chokecherry, common	▼	▼	<u>6</u>	152	132	NR	0
			<u>0</u>	<u>0.00</u>	<u>6</u>		▼	▼		0	0	0	0
			<u>0</u>	<u>0.00</u>	<u>7</u>		▼	▼		0	0	0	0
			<u>0</u>	<u>0.00</u>	<u>8</u>		▼	▼		0	0	0	0
			<u>0</u>	<u>0.00</u>	<u>9</u>		▼	▼		0	0	0	0
			<u>0</u>	<u>0.00</u>	<u>10</u>		▼	▼		0	0	0	0
			<u>0</u>	<u>0.00</u>	<u>11</u>		▼	▼		0	0	0	0
			<u>0</u>	<u>0.00</u>	<u>12</u>		▼	▼		0	0	0	0
			<u>0</u>	<u>0.00</u>	<u>13</u>		▼	▼		0	0	0	0
			<u>0</u>	<u>0.00</u>	<u>14</u>		▼	▼		0	0	0	0
			<u>0</u>	<u>0.00</u>	<u>15</u>		▼	▼		0	0	0	0
			<u>0</u>	<u>0.00</u>	<u>16</u>		▼	▼		0	0	0	0
Totals										<u>569</u>	<u>552</u>		

4550 4514 76 1.57

WEST - TREE AND SHRUB PLANTING WORKSHEET

Mercer County

Name **Archie Wanner**

Address **3550 71st Ave, Hebron, ND 58638**

Phone # **701-226-9518 rivercamp@w**

Date: **7/12/2017**

Plan Sketch Map



Quarter **NE 1/4** Section **30** Twshp **143** Range **89**
 Lon/Lat **-101.9977 47.1798** Planned by: **MJ & BK** Plan approved by
 Planned Soil Mapunit / name component(s) **E4139A & E4161A**
 Conservation Tree & Shrub Group **1** Select MLRA **54**
 Type of Planting **New**
 Landuse **Field** Cost share Program **DAPL**
 Site Preparation **Fallow** Site protected from livestock? **Yes**
 Condition of site at planting time: **Good**
 Spacing between rows: **14** feet
 Distance from Windward row to roads or bldgs: **>200** feet
(Minimum 200' on N & W, and 100' on S & E)
 Planted by: **ST,MJ,JG,SY**
 Remarks / Management (Weed Control) Date: **6/12/18**
 Required: Tilling, weed barrier to be applied. E4139A soil is listed as CTSG 10, but land use is indicative of the E4161A soil listed as CTSG 1. Leave 25 ft between existing trees and new planting. Sunny 68deg W SW 15-20 Excellent soil moisture.

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications.

Certified By:

Date:

Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability
A	750	590	17	0.23	1	Plum, American		Juneberry	6	125	95	suitable	suitable
	750	578	14	0.19	2	Lilac, Common			6	125	95	suitable	0
	750	550	14	0.18	3	Spruce, Blue			12	63	52	suitable	0
	750	527	14	0.17	4	Pine, Ponderosa			12	63	49	suitable	0
	750	519	14	0.17	5	Juniper, Rocky Mtn.			8	94	65	suitable	0
	750	518	17	0.20	6	Chokecherry, common	Shubert		6	125	84	suitable	0
			0	0.00	7					0	0	0	0
			0	0.00	8					0	0	0	0
			0	0.00	9					0	0	0	0
			0	0.00	10					0	0	0	0
			0	0.00	11					0	0	0	0
			0	0.00	12					0	0	0	0
			0	0.00	13					0	0	0	0
			0	0.00	14					0	0	0	0
			0	0.00	15					0	0	0	0
			0	0.00	16					0	0	0	0
Totals										594	440		

TREE AND SHRUB PLANTING WORKSHEET

Mercer County

Name **Schulte c/o Erickson**

Address **2034 60 AV SW, Beulah ND 58523**

Phone # **701-290-5158**

Date: **8/25/17**

Plan Sketch Map



Quarter **NW 1/4** Section **18** Twshp **142** Range **87**
 Lon/Lat **-101.7609 47.1241** Planned by: **Brian Kerns** Plan approved by _____
 Planned Soil Mapunit / name component(s) **E3531C**
 Conservation Tree & Shrub Group **3** Select MLRA **54**
 Type of Planting **New**
 Landuse **Farmstead** Cost share Program **DAPL**
 Site Preparation **Tilled/Herbicide** Site protected from livestock? **Yes**
 Condition of site at planting time: **Fair**
 Spacing between rows: **16** feet
 Distance from Windward row to roads or bldgs: **>200** feet
(Minimum 200' on N & W, and 100' on S & E)
 Planted by: **BK,MJ,JG**
 Remarks / Management (Weed Control) **Date: 5/29/18**
Weedbarrier to be applied, Jason will spray, SCD will till. Partly cloudy 73deg 68%RH winds SW 3-5 soil dry.

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications.

Certified By:

Date:

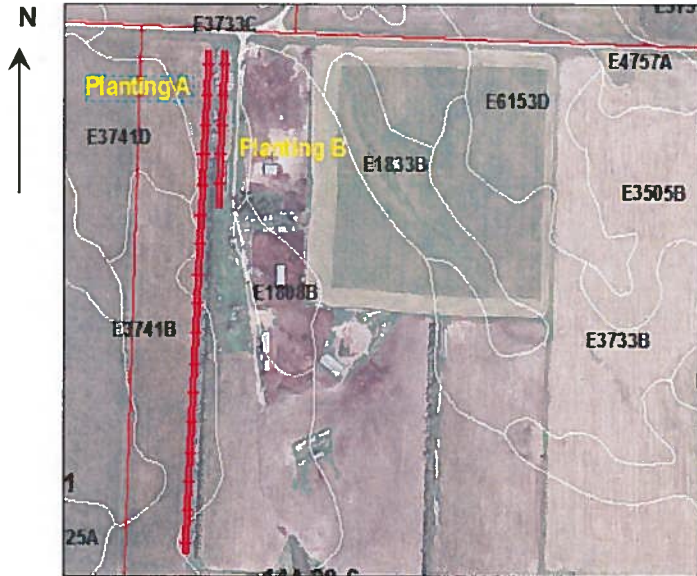
Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability
A	400	457	18	0.19	1	Caragana			6	67	68	suitable	0
	400	465	16	0.17	2	Ash, Green			10	40	45	suitable	0
	400	462	16	0.17	3	Pine, Ponderosa			12	33	37	suitable	0
	400	462	16	0.17	4	Plum, American			6	67	68	suitable	0
	400	463	18	0.19	5	Lilac, Common			6	67	63	suitable	0
			0	0.00	6					0	0	0	0
B	625	505	18	0.21	7	Pine, Ponderosa			12	52	43	suitable	0
			0	0.00	8					0	0	0	0
C	265	250	18	0.10	9	Pine, Ponderosa			12	22	22	suitable	0
			0	0.00	10					0	0	0	0
			0	0.00	11					0	0	0	0
			0	0.00	12					0	0	0	0
			0	0.00	13					0	0	0	0
			0	0.00	14					0	0	0	0
			0	0.00	15					0	0	0	0
			0	0.00	16					0	0	0	0
Totals										348	346		

WEST - TREE AND SHRUB PLANTING WORKSHEET

Mercer County

Name **Clayton J. Boeckel** Address **1007 Central Avenue North, Beulah, ND 58523** Phone # **C:701-870-2227** Date: **10/25/17**

Plan Sketch Map



Quarter **NW 1/4** Section **6** Twshp **144** Range **89**

Lon/Lat **-102.0161 47.3245** Planned by: **BK** Plan approved by

Planned Soil Mapunit / name component(s) **E3733C & E3741B 5&7**

Conservation Tree & Shrub Group **5** Select MLRA **54**

Type of Planting **New**

Landuse **Living Snow Fence** Cost share Program **DAPL1&2**

Site Preparation **Fallow** Site protected from livestock? **Yes**

Condition of site at planting time: **Fair**

Spacing between rows: **12** feet

Distance from Windward row to roads or bldgs: **>200** feet

(Minimum 200' on N & W, and 100' on S & E)

Planted by: **BK,MJ,JG,SY**

Remarks / Management (Weed Control)

Date: **5/29/18**

Tilling and Weed Barrier. 84 Shrubs from DAPL1. Overcast 75deg 70%RH calm w/ light sprinkles, some sod in middle rows.

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications.

Certified By:

460 Trees DAPL 2

Date:

Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability
A	2475	2249	12	0.62	1	Juniper, Rocky Mtn.			6	413	340	suitable	0
	2475	2186	12	0.60	2	Oak, Bur			10	248	238	suitable	0
			0	0.00	3					0	0	0	0
B	780	765	12	0.21	4	Pine, Ponderosa			12	65	69	suitable	0
	780	770	16	0.28	5	Redcedar, Eastern			6	130	120	suitable	0
			0	0.00	6					0	0	0	0
			0	0.00	7					0	0	0	0
			0	0.00	8					0	0	0	0
			0	0.00	9					0	0	0	0
			0	0.00	10					0	0	0	0
			0	0.00	11					0	0	0	0
			0	0.00	12					0	0	0	0
			0	0.00	13					0	0	0	0
			0	0.00	14					0	0	0	0
			0	0.00	15					0	0	0	0
			0	0.00	16					0	0	0	0
Totals										855	767		

WEST - TREE AND SHRUB PLANTING WORKSHEET

Mercer County

Name **Dean Helling** Address **831 County Road 5 South, Golden Vallet, ND 58541** Phone # **983-4426 C: 870-4427** Date: **10/12/17**

Plan Sketch Map



Quarter **SW 1/4** Section **14** Twshp **144** Range **90**
 Lon/Lat **-102.05 47.2873** Planned by: **Brian Kerns** Plan approved by _____
 Planned Soil Mapunit / name component(s) **A:E1875D B:E4161B**
 Conservation Tree & Shrub Group **1** Select MLRA **54**
 Type of Planting **New**
 Landuse **Other** Cost share Program **DAPL**
 Site Preparation **Fallow** Site protected from livestock? **Yes**
 Condition of site at planting time: _____
 Spacing between rows: **12** feet
 Distance from Windward row to roads or bldgs: **>200** feet
 (Minimum 200' on N & W, and 100' on S & E)
 Planted by: **BK,MJ,SY,JG**
 Remarks / Management (Weed Control) Date: **5/30/18**
 Tilling and Weed Barrier. A:CTSG 7, B:CTSG 1 Dean and James combined planting at Dean's grand daughter's home. **Added a row of P.Pine to Planting A from DAPL2 15 trees.** Partly cloudy rain AM, 78deg 57%RH good moisture in S rows, finely tilled.

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications.

Certified By:

1484 Trees from DAPL 2

Date:

Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability
A	175	177	14	0.06	1	Chokecherry, common			6	29	28	suitable	0
	175	186	12	0.05	2	Juniper, Rocky Mtn.		Redcedar, Eastern	8	22	22	suitable	suitable
	175	195	12	0.05	3	Pine, Ponderosa			12	15	17	suitable	0
	175	200	14	0.06	4	Lilac, Common		Lilac, Late	6	29	33	suitable	suitable
				0.00	5					0	0	0	0
B	100	66	14	0.02	6	Lilac, Common		Lilac, Late	6	17	9	suitable	suitable
	100	64	12	0.02	7	Spruce, Black Hills			12	8	6	suitable	0
	100	63	14	0.02	8	Spruce, Blue			12	8	6	suitable	0
			0	0.00	9					0	0	0	0
			0	0.00	10					0	0	0	0
			0	0.00	11					0	0	0	0
			0	0.00	12					0	0	0	0
			0	0.00	13					0	0	0	0
			0	0.00	14					0	0	0	0
			0	0.00	15					0	0	0	0
			0	0.00	16					0	0	0	0
Totals										128	121		

WEST - TREE AND SHRUB PLANTING WORKSHEET

Mercer County

Name **Dean Helling** Address **831 County Road 5 South, Golden Vallet, ND 58541** Phone # **983-4426 C: 870-4427** Date: **10/18/17**

Plan Sketch Map



Quarter **SW 1/4** Section **14** Twshp **144** Range **90**
 Lon/Lat **-102.05 47.2873** Planned by: **Brian Kerns** Plan approved by

Planned Soil Mapunit / name component(s) **A:E4581A CTSG 5 | B:E2805C CTSG 6d**

Conservation Tree & Shrub Group **5** Select MLRA **54**
 Type of Planting **New**
 Landuse **Living Snow Fence** Cost share Program **DAPL2**
 Site Preparation **Fallow** Site protected from livestock? **Yes**
 Condition of site at planting time: **Good**

Spacing between rows: **22** feet

Distance from Windward row to roads or bldgs: **>200** feet

(Minimum 200' on N & W, and 100' on S & E)

Planted by: **BK,MJ,SY**

Remarks / Management (Weed Control)

Date: **5/30/18**

Tilling and Weedbarrier. Snow and wind control for driveway. Amur Maple are not suited but are growing in the planting just to the East in the same soil. Planting B is row spaced 16 feet and is CTSG 6g. Planting B cancelled. Partly cloudy 78deg winds NW 5-8 good soil moisture rain AM.

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications.

Certified By:

Date:

Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability
A	1483	1491	24	0.82	1	Juniper, Rocky Mtn.			6	247	253	suitable	0
	1529	1528	22	0.77	2	Redcedar, Eastern			6	255	238	suitable	0
	1571	1549	22	0.78	3	Pine, Ponderosa			12	131	136	suitable	0
	1606	1583	22	0.80	4	Ash, Green			10	161	159	suitable	0
	1636	1600	22	0.81	5	Oak, Bur			10	164	165	suitable	0
	1668	1637	22	0.83	6	Juniper, Rocky Mtn.		Redcedar, Eastern	6	278	274	suitable	suitable
	1701	1672	24	0.92	7	Maple, Amur			8	213	200	NR	0
			0	0.00	8					0	0	0	0
B	660	0	18	0.27	9	Ash, Green			10	66	0	suitable	0
	660	0	18	0.27	10	Pine, Ponderosa			12	55	0	suitable	0
			0	0.00	11					0	0	0	0
			0	0.00	12					0	0	0	0
			0	0.00	13					0	0	0	0
			0	0.00	14					0	0	0	0
			0	0.00	15					0	0	0	0
			0	0.00	16					0	0	0	0

12514	11060	194	6.28	Totals				1569	1425
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WEST - TREE AND SHRUB PLANTING WORKSHEET

Mercer County

Name **Floyd Jacober** Address **3750 County Road 83, Mandan, ND 58554** Phone # **663-5433 C:226-7747** Date: **8/4/17**



Quarter **SW 1/4** Section **31** Twshp **142** Range **88**
 Lon/Lat **-101.8858 47.0721** Planned by: **BK** Plan approved by _____
 Planned Soil Mapunit / name component(s) **E0415A**
 Conservation Tree & Shrub Group **4** Select MLRA **54**
 Type of Planting **New**
 Landuse **Other** Cost share Program **DAPL**
 Site Preparation **Fallow** Site protected from livestock? **Yes**
 Condition of site at planting time: **Good**
 Spacing between rows: **14** feet
 Distance from Windward row to roads or bldgs: **>200** feet
(Minimum 200' on N & W, and 100' on S & E)
 Planted by: **BK,MJ,JG**
 Date: **5/17/18**
Remarks / Management (Weed Control)
 Tilling and Weed Barrier. Snowberry (Buckbrush) and Sagebrush exchanged for Dogwood and Golden Current per owner's request. Overcast scattered showers 61deg winds NW 10-15 ground wet and sticky.

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications.

Certified By:

Date:

Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability
A	142	150	16	0.06	1	Dogwood		Currant, Golden	6	24	24	suitable	suitable
	142	150	14	0.05	2	Dogwood		Currant, Golden	6	24	24	suitable	suitable
	142	150	16	0.06	3	Dogwood		Currant, Golden	6	24	24	suitable	suitable
			0	0.00	4					0	0	0	0
			0	0.00	5					0	0	0	0
			0	0.00	6					0	0	0	0
			0	0.00	7					0	0	0	0
			0	0.00	8					0	0	0	0
			0	0.00	9					0	0	0	0
			0	0.00	10					0	0	0	0
			0	0.00	11					0	0	0	0
			0	0.00	12					0	0	0	0
			0	0.00	13					0	0	0	0
			0	0.00	14					0	0	0	0
			0	0.00	15					0	0	0	0
			0	0.00	16					0	0	0	0
Totals										71	72		

TREE AND SHRUB PLANTING WORKSHEET

Mercer County

Name **Robert Braun c/o Cameron** Address **1095 CTY 7 Golden Valley, ND 58541** Phone # **701-891-8392** Date: **8/28/17**

Plan Sketch Map



Quarter **NW 1/4** Section **32** Twshp **144** Range **90**
 Lon/Lat **-102.1161 47.2549** Planned by: **Brian Kerns** Plan approved by _____
 Planned Soil Mapunit / name component(s) **E2107B, E1333D, E2987C**
 Conservation Tree & Shrub Group **6D** Select MLRA **54**
 Type of Planting **New**
 Landuse **Farmstead** Cost share Program **DAPL**
 Site Preparation **Fallow** Site protected from livestock? **No**
 Condition of site at planting time: **Fair**
 Spacing between rows: **12** feet
 Distance from Windward row to roads or bldgs: **>200** feet
(Minimum 200' on N & W, and 100' on S & E)
 Planted by: **ST,BK,MJ,JG**
 Date: **5/31/18**
Remarks / Management (Weed Control)
 Weed barrier to be installed. Tilling Site Prep. Planting A: CTSG 1, Planting B,C&D: CTSG 6d. Plum is suited to CTSG 6d. Mostly cloudy 80deg winds E 3-5 mph rain after planting

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications.

Certified By:

Date:

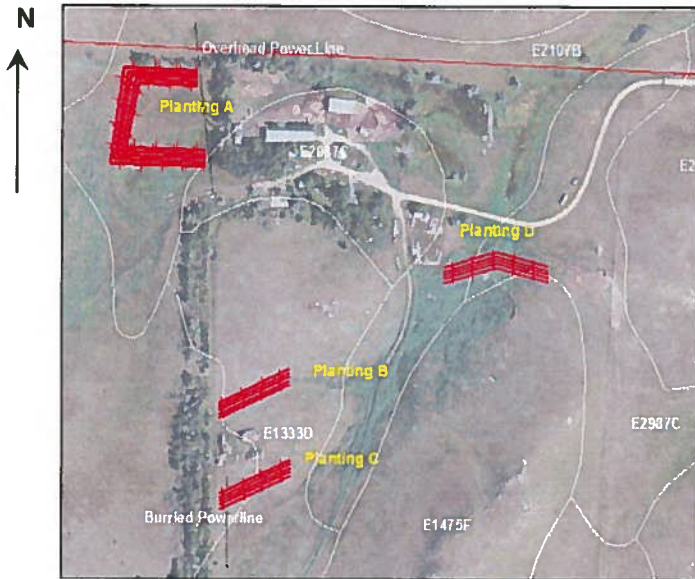
Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability					
D	350	335	16	0.12	1	Lilac, Common			6	58	54	suitable	0					
	350	333	12	0.09	2	Juniper, Rocky Mtn.			6	58	51	suitable	0					
	350	320	12	0.09	3	Pine, Ponderosa			12	29	27	suitable	0					
	350	318	12	0.09	4	Plum, American			6	58	53	NR	0					
	350	313	16	0.11	5	Chokecherry, common			6	58	42	suitable	0					
			0	0.00	6					0	0	0	0					
			0	0.00	7					0	0	0	0					
			0	0.00	8					0	0	0	0					
			0	0.00	9					0	0	0	0					
			0	0.00	10					0	0	0	0					
			0	0.00	11					0	0	0	0					
			0	0.00	12					0	0	0	0					
			0	0.00	13					0	0	0	0					
			0	0.00	14					0	0	0	0					
			0	0.00	15					0	0	0	0					
			0	0.00	16					0	0	0	0					
Totals										1750	1619	68	0.51		263	227		

TREE AND SHRUB PLANTING WORKSHEET

Mercer County

Name **Robert Braun c/o Cameron** Address **1095 CTY 7 Golden Valley, ND 58541** Phone # **701-891-8392** Date: **8/28/17**

Plan Sketch Map



Quarter **NW 1/4** Section **32** Twshp **144** Range **90**
 Lon/Lat **-102.1161 47.2549** Planned by: **Brian Kerns** Plan approved by _____
 Planned Soil Mapunit / name component(s) **E2107B, E1333D, E2987C**
 Conservation Tree & Shrub Group **1** Select MLRA **54**
 Type of Planting **New**
 Landuse **Farmstead** Cost share Program **DAPL**
 Site Preparation **Fallow** Site protected from livestock? **No**
 Condition of site at planting time: **Fair**
 Spacing between rows: **12** feet
 Distance from Windward row to roads or bldgs: **>200** feet
(Minimum 200' on N & W, and 100' on S & E)
 Planted by: **ST,BK,MJ,JG**
 Remarks / Management (Weed Control) **Date: 5/31/18**
Weed barrier to be installed. Tilling Site Prep. Planting A: CTSG 1, Planting B,C&D: CTSG 6d. Plum is suited to CTSG 6d. Mostly cloudy 80deg winds E 3-5 mph rain after planting

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications.

Certified By:

Date:

Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability
A	860	828	16	0.30	1	Chokecherry, common			6	143	133	suitable	0
	812	785	12	0.22	2	Juniper, Rocky Mtn.			6	135	131	suitable	0
	764	729	12	0.20	3	Pine, Ponderosa			12	64	67	suitable	0
	716	690	12	0.19	4	Plum, American			6	119	111	suitable	0
	668	648	12	0.18	5	Willow, Sandbar			6	111	95	suitable	0
B	240	238	12	0.07	6	Lilac, Common			6	40	39	suitable	0
	240	237	12	0.07	7	Juniper, Rocky Mtn.			6	40	41	suitable	0
	240	232	12	0.06	8	Pine, Ponderosa			12	20	21	suitable	0
	240	239	12	0.07	9	Plum, American			6	40	40	suitable	0
	240	243	12	0.07	10	Chokecherry, common			6	40	41	suitable	0
C	240	258	12	0.07	11	Lilac, Common			6	40	42	suitable	0
	240	256	12	0.07	12	Juniper, Rocky Mtn.			6	40	43	suitable	0
	240	250	12	0.07	13	Pine, Ponderosa			12	20	21	suitable	0
	240	248	12	0.07	14	Plum, American			6	40	38	suitable	0
	240	248	16	0.09	15	Chokecherry, common			6	40	39	suitable	0
			0	0.00	16					0	0	0	0
Totals										933	902		

TREE AND SHRUB PLANTING WORKSHEET

Mercer County

Name **Shawn Unruh** Address **2052 County 13, Zap, ND 58580** Phone # **701-870-0921** Date: **8/31/17**

Plan Sketch Map



Quarter **NW 1/4** Section **13** Twshp **142** Range **89**
 Lon/Lat **-101.9119 47.1227** Planned by: **Brian Kerns** Plan approved by _____
 Planned Soil Mapunit / name component(s) **E3247C & E0821A**
 Conservation Tree & Shrub Group **8K** Select MLRA **54**
 Type of Planting **New**
 Landuse **Field** Cost share Program **DAPL**
 Site Preparation **Fallow** Site protected from livestock? **Yes**
 Condition of site at planting time: **Fair**
 Spacing between rows: **16** feet
 Distance from Windward row to roads or bldgs: **>200** feet
(Minimum 200' on N & W, and 100' on S & E)
 Planted by: **ST,BK,MJ,JG**
 Date: **5/16/18**
Remarks / Management (Weed Control)
 Weedbarrier to be applied. Prep tilled. Additional Trees sourced from Larry Steffan & Jason Erickson. Sunny 85deg winds N5-7mph soil dry hard and clumpy on NW corner.

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications.

Certified By:

Date:

Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability
A	350	387	18	0.16	1	Lilac, Common			6	58	50	suitable	0
	350	373	16	0.14	2	Juniper, Rocky Mtn.			8	44	45	suitable	0
	350	366	16	0.13	3	Pine, Ponderosa			12	29	31	suitable	0
	350	352	16	0.13	4	Caragana			6	58	52	suitable	0
	350	334	18	0.14	5	Lilac, Common			6	58	55	suitable	0
			18	0.00	6					0	0	0	0
B	736	726	16	0.27	7	Lilac, Common			6	123	83	suitable	0
	736	736	16	0.27	8	Juniper, Rocky Mtn.			8	92	92	suitable	0
	736	782	16	0.29	9	Pine, Ponderosa			12	61	67	suitable	0
	736	712	18	0.29	10	Caragana			6	123	57	suitable	0
	736	736	0	0.00	11	Lilac, Common			6	123	123	suitable	0
			0	0.00	12					0	0	0	0
			0	0.00	13					0	0	0	0
			0	0.00	14					0	0	0	0
			0	0.00	15					0	0	0	0
			0	0.00	16					0	0	0	0
Totals										769	655		

TREE AND SHRUB PLANTING WORKSHEET

Mercer County

Name **Shawn Unruh** Address **2052 County 13, Zap, ND 58580** Phone # **701-870-0921** Date: **8/31/17**

Plan Sketch Map



Quarter **NW 1/4** Section **13** Twshp **142** Range **89**
 Lon/Lat **-101.9119 47.1227** Planned by: **Brian Kerns** Plan approved by _____
 Planned Soil Mapunit / name component(s) **E0821A**
 Conservation Tree & Shrub Group **4C** Select MLRA **54**
 Type of Planting **New**
 Landuse **Farmstead** Cost share Program **DAPL**
 Site Preparation **Fallow** Site protected from livestock? **Yes**
 Condition of site at planting time: **Fair**
 Spacing between rows: **16** feet
 Distance from Windward row to roads or bldgs: **>200** feet
 (Minimum 200' on N & W, and 100' on S & E)
 Planted by: **ST,BK,MJ,JG**
 Remarks / Management (Weed Control) Date: **5/16/18**
Weedbarrier to be applied. Prep tilled. Additional Trees sourced from Larry Steffan & Jason Erickson. Sunny 85deg winds N5-7mph soil dry hard and clumpy on NW corner.

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications.

Certified By:

Date:

Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability	
C	1,360	1360	18	0.56	1	Lilac, Common			6	227	227	suitable	0	
	1,360	1386	16	0.51	2	Juniper, Rocky Mtn.			8	170	154	suitable	0	
	1,360	1300	16	0.48	3	Spruce, Blue			12	113	113	suitable	0	
	1,360	1360	16	0.50	4	Caragana			6	227	227	suitable	0	
	1,360	1333	18	0.55	5	Lilac, Common			6	227	215	suitable	0	
			0	0.00	6					0	0	0	0	
D	300	291	16	0.11	7	Lilac, Common			6	50	44	suitable	0	
	300	292	16	0.11	8	Juniper, Rocky Mtn.			6	50	45	suitable	0	
	300	281	16	0.10	9	Spruce, Blue			12	25	25	suitable	0	
	300	287	16	0.11	10	Caragana			6	50	47	suitable	0	
	300	294	18	0.12	11	Lilac, Common			6	50	44	suitable	0	
				0	0.00	12					0	0	0	0
				0	0.00	13					0	0	0	0
				0	0.00	14					0	0	0	0
			0	0.00	15					0	0	0	0	
			0	0.00	16					0	0	0	0	
Totals										1188	1141			

WEST - TREE AND SHRUB PLANTING WORKSHEET

Mercer County

Name **Hazen Parks & Rec** Address **146 E Main St., PO Box 717, Hazen, ND 58545** Phone # **o: 748-6948 c: 891-9655** Date: **10/10/17**



Plan Sketch Map



Quarter **SE 1/4** Section **7** Twshp **144** Range **86**
 Lon/Lat **-101.6205 47.3039** Planned by: **ST/BK** Plan approved by _____
 Planned Soil Mapunit / name component(s) **E4161A**
 Conservation Tree & Shrub Group **1** Select MLRA **54**
 Type of Planting **New**
 Landuse **Other** Cost share Program **DAPL1 & 2**
 Site Preparation **Fallow** Site protected from livestock? **Yes**
 Condition of site at planting time: **Fair**
 Spacing between rows: **12** feet
 Distance from Windward row to roads or bldgs: **>200** feet
(Minimum 200' on N & W, and 100' on S & E)
 Planted by: **ST,BK,MJ,JG**
 Date: **5/15/18**
Remarks / Management (Weed Control)
 Tilling and Weedbarrier. Shrubs are from 1st scope mitigation, trees are from 2nd scope. 451 Trees 217 Shrubs. Mostly sunny 80deg SW 3-5 mph soil dry and hard N and NE plantings.

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications.

Certified By:

Date:

Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability
A	900	867	12	0.24	1	Juniper, Rocky Mtn.		Redcedar, Eastern	8	113	95	suitable	suitable
B	480	457	14	0.15	2	Lilac, Common		Lilac, Late	6	80	66	suitable	suitable
	215	213	12	0.06	3	Spruce, Blue			12	18	18	suitable	0
	215	208	12	0.06	4	Maple, Amur			6	36	32	suitable	0
C	90	69	14	0.02	5	Dogwood			6	15	12	suitable	0
	90	75	12	0.02	6	Viburnum, Nannyberry			6	15	13	suitable	0
	90	75	12	0.02	7	Hackberry			10	9	9	suitable	0
	328	272	12	0.07	8	Dogwood			6	55	50	suitable	0
	311	259	12	0.07	9	Viburnum, Nannyberry			6	52	41	suitable	0
	300	246	12	0.07	10	Hackberry			10	30	27	suitable	0
	300	234	12	0.06	11	Ash, Green			10	30	30	suitable	0
	300	239	12	0.07	12	Oak, Bur			10	30	20	suitable	0
	300	232	12	0.06	13	Spruce, Black Hills			12	25	22	suitable	0
	640	578	12	0.16	14	Spruce, Blue			12	53	53	suitable	0
	640	577	14	0.19	15	Maple, Amur			6	107	89	suitable	0
			0	0.00	16					0	0	0	0
Totals										667	577		

Settlement Agreement Tree Replacement Effort 2018 for
Dakota Access Pipeline Project
2018 Soil Conservation Planting Report

Morton County

Soil Conservation District Contact: Ryan Kobilansky

701-667-1163

ryan.kobilansky@nd.nacdnet.net

Landowner	# of Trees Planted	Planting Date
John Steckler	362	5/16/2018
Total	362	

ND - NRCS

WESTERN ND - TREE AND SHRUB PLANTING WORKSHEET

Morton County

ND-CPA-4, Rev. 03-2017

Name John Steckler Address 2680 53rd St St. Anthony, ND 58566 Phone # 701-220-0260 Date: 12/19/17

Plan Sketch Map

Quarter NW 1/4 Section 9 Township 136 Range 82

Planned Soil Mapunit / name component(s) E1625B, E2601C Planned by: AP Date: 12/19/17

Approved by: _____ Date: _____

Conservation Tree & Shrub Group 6D Select MLRA 54

Type of Planting New

Landuse Farmstead Program _____

Site Preparation No-Till/Herbicide Protected from livestock? Yes

Spacing between rows: 14 feet Site conditions at planting time: Excellent

Distance from Windward row to roads or bldgs.: 100 feet

(Minimum 200' on N & W, and 100' on S & E)

Planted by: BS, AS, OH

Remarks on site prep, conditions and management (Weed Control) Date: 5/16/2018

Site prep was excellent at planting time and when fabric was laid. Trees planted on 5/16/2018 and fabric was laid on 7/2/2018 with Drip irrigation system laid beneath the fabric. A box of extra staples were provided to hold fabric down near each tree and help channel water towards openings.

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: <u>B. Schafer</u>		Date: <u>7/2/2018</u>		Certified By: <u>B. Schafer</u>		Date: <u>7/2/2018</u>									
Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability	
A	850	697	17	0.27	1	Ash, Green			10	10	85	70	suitable		
A	850	750	14	0.24	2	Pine, Ponderosa			14	14	61	52	suitable		
A	850	817	14	0.26	3	Ash, Green			10	10	85	81	suitable		
A	850	957	14	0.31	4	Ash, Green			10	10	85	89	suitable		
A	850	975	17	0.38	5	Pine, Ponderosa			14	14	61	70	suitable		
4250				4196	76	1.46	Totals			377	362				

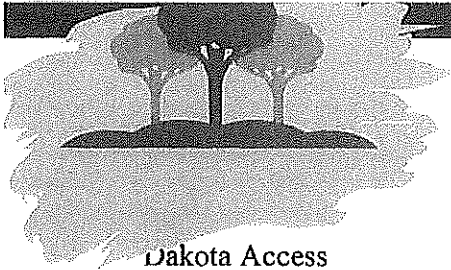
Settlement Agreement Tree Replacement Effort 2018 for
Dakota Access Pipeline Project
2018 Soil Conservation Planting Report

Emmons County

Soil Conservation District Contact: Rhonda Kelsch

701-254-4653 Rhonda.Kelsch@nd.nacdnet.net

Landowner	# of Trees Planted	Planting Date
Bryce Weber	399	5/25/2018
George Lawler	1720	5/29/2018
Dan Weber	434	5/25/2018
Dan Weber	325 (Hand Planted)	5/12/2018
Total	2878	



Emmons County Soil Conservation District
 318 S. Broadway Street
 Linton, ND 58552
 701-254-4653 Ext. 3

Dakota Access
 C/O Jonathan Fredland
 Perennial Environmental Services
 13100 Northwest Freeway, Suite 150
 Houston, Texas 77040

2,878 Settlement
 Trees in 2018

Contractor Tax ID 45-0278947
 Emmons County Soil Conservation
 C/O Rhonda Kelsch
 318 S. Broadway Street
 Linton, ND 58552
 (701) 254-4653 Ext. 3
 Rhonda.Kelsch@nd.nacdnet.net

The following is a summary of charges submitted on behalf of The Emmons County Soil Conservation for work provided within the Dakota Access pipeline mitigation based on cost proposal estimates submitted November 8th, 2016.

Legal Description

INVOICE 17-133-77 399 Settlement trees \$5,507.00
 3,186 Lineal Feet of Trees and Fabric installed
399 Trees installed within planting

INVOICE 21/22-133-78 1720 Settlement \$24,290.00
 15,500 Lineal Feet of Trees and Fabric Installed
1720 Trees Installed within planting

INVOICE 27-130-76 285 Original Mitigation (not settlement) \$5,580.50
 3,235 Lineal Feet of Trees and Fabric Installed
 285 Trees installed within planting

INVOICE 2-131-77 789 Original Mitigation \$8,976.00
 5,100 Lineal Feet of Trees and Fabric Installed
 789 Trees installed within planting

INVOICE 18-133-77 434 Settlement Trees & 28 Original Mitigation \$7,347.00
 4,430 Lineal Feet of Trees and Fabric Installed
462 Trees installed within planting

31,451 Total Lineal Footage of Trees and Fabric Applied
3,655 Tree/Shrubs Installed

Handplant Placement on Legal Description 24-133-78

\$975.00

Trees Purchased from SCD and Installed

125 Blue Spruce Trees

200 Rocky Mountain Juniper

325 Settlement

Installation Costs Total:

\$52,675.50

Total Installed Trees 3,980. Machine planting and fabric installation was done in accordance of meeting Dakota Access species requirements. Applicable sites requiring One-Call where completed prior to planting installation.

Total Cost Payable to:

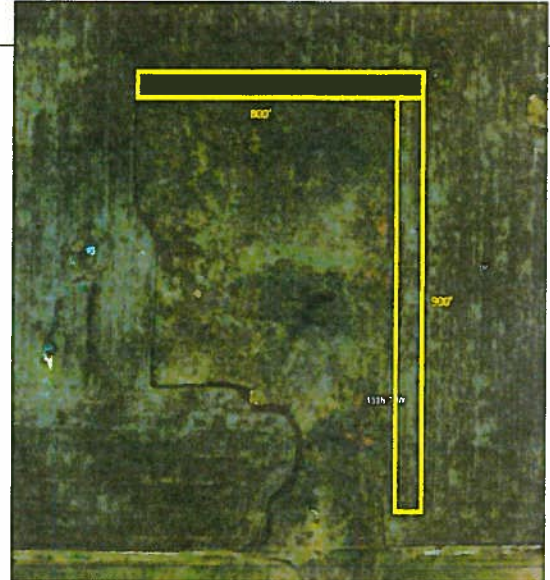
Emmons County Soil Conservation

318 S. Broadway Street

Linton, ND 58552

Name Bryce Weber Address 11 74th St SW Linton, ND 58552 Phone # 701-782-4360 / 605-216-0605 Date: 12/21/17

Quarter SW 1/4 Section 17 Twnshp 133 Range 77



Planned Soil Mapunit / name component(s) E2642C / E2819B Planned by: Josh Odden Approved by: Josh Odden Date: 12/2/17

Conservation Tree & Shrub Group 6D Select MLRA 54 Type of Planting New Landuse Field Program Pipeline Site Preparation Fallow Protected from livestock? Yes Site conditions at planting time: Good

Spacing between rows: 16 feet Distance from Windward row to roads or bldgs.: 200 feet

Remarks on site prep, conditions and management (Weed Control) Planted by: Josh Odden Date: 5/25/18 N and E row - Juniper. S and W row - Cedar.

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications. (circle one)

Checkout by: Josh Odden Date: 5/25/18 Certified By: Josh Odden Date: 5/25/18

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	1700	1580	18	0.70	1	Redcedar, Eastern			8	8	213	198	suitable	
1	1700	1606	18	0.70	2	Juniper, Rocky Mtn.			8	8	213	201	suitable	

3186	36	1.40	Totals	426	399
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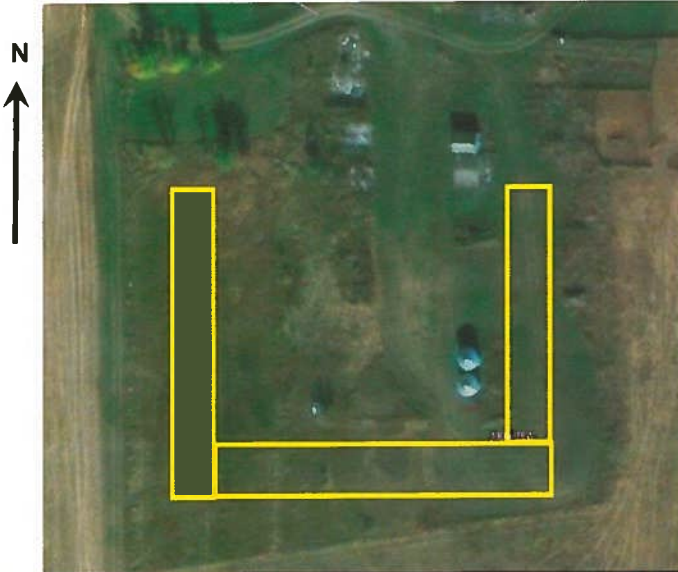
Vertical + entered 7/20/18

Name Brandon Dyk

Address 972 92nd St SE Strasburg, ND 58573

Phone # 701-319-4223

Date: 12/8/17



Quarter NE 1/4 Section 27 Twnshp 130 Range 76
 Planned Soil Mapunit / name component(s) C164B / C135D Planned by: Josh Odden Date: 12/8/17
 Approved by: Josh Odden Date: 12/8/17
 Conservation Tree & Shrub Group 3 Select MLRA 53B
 Type of Planting New
 Landuse Farmstead Program Pipeline
 Site Preparation No-Till/Herbicide Protected from livestock? Yes
 Spacing between rows: 16 feet Site conditions at planting time: Fair
 Distance from Windward row to roads or bldgs.: 100 feet
 (Minimum 200' on N & W, and 100' on S & E)
 Planted by: Josh Odden
 Date: 5-22-18
Remarks on site prep, conditions and management (Weed Control)
 Area mowed and sprayed. Soil C135D classification was changed to CTSG 3 by soil scientist. Blue spruce outside rows, and Bur oak is inside row.

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications. (circle one)

Checkout by: Josh Odden

Date: 5-22-17

Certified By: Josh Odden

Date: 5-22-17

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	1000	892	18	0.41	1	Spruce, Blue			12	12	84	75	suitable	
1	1000	837	16	0.37	2	Ash, Green			12	12	84	70	suitable	
1	1000	781	16	0.37	3	Maple, Amur			10	10	100	79	suitable	
1	1000	725	18	0.41	4	Oak, Bur			12	12	84	61	suitable	
4000	3235	68	1.56	Totals							352	285		

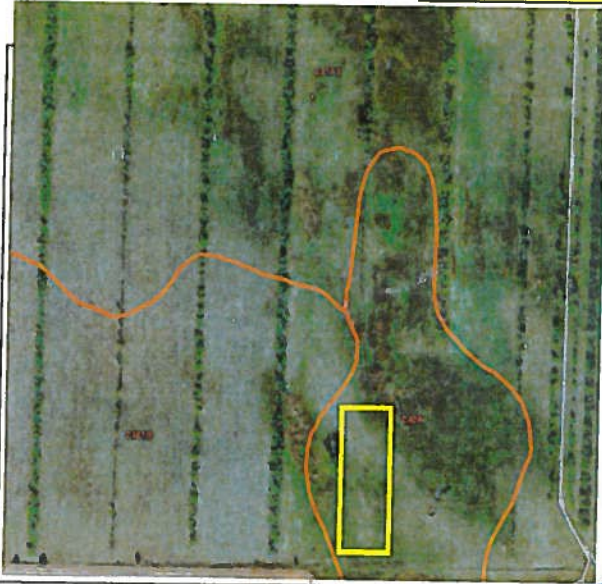
Order finalized & verified 7/26/18

Name Kurt Zerr

Address

Phone # 701-226-1598 / 701-782-6295

Date: 4/11/2018



Quarter NW 1/4 Section 2 Township 131

Range 77

Planned Soil Mapunit / name component(s) C40A

Date: 4/11/18

Planned by: Josh Odden

Date: 4/11/18

Approved by: S. Odden

Select MLRA 53B

Conservation Tree & Shrub Group 1

Type of Planting New

Program Pipeline

Landuse Other

Protected from livestock? Yes

Site Preparation Other (describe in Remarks)

Site conditions at planting time: Good

Spacing between rows: 15 feet

Distance from Windward row to roads or bldgs.: 200 feet

(Minimum 200' on N & W, and 100' on S & E)

Planted by: J. Odden

Remarks on site prep, conditions and management (Weed Control) Date: 5/2/18

District will mow rows in spring. Install fabric.

Calm day / Adequate moisture

This practice installation **MEETS** / DOES NOT MEET the ND FOTG standards and specifications. (circle one)

Checkout by: J. Odden

Date: 5/2/18

Certified By: J. Odden

Date: 5/2/18

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety #	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	500	510	17.5	0.20	1	Plum, American			5	5	100	102	suitable	
1	500	510	15	0.17	2	Honeysuckle, tatarian			6	6	84	85	suitable	
1	500	510	15	0.17	3	Honeysuckle, tatarian			6	6	84	85	suitable	
1	500	510	15	0.17	4	Chokecherry, common			7	7	72	73	suitable	
1	500	510	15	0.17	5	Cottonwood			12	12	42	42	suitable	
1	500	510	15	0.17	6	Cottonwood			12	12	42	42	suitable	
1	500	510	15	0.17	7	Chokecherry, common			7	7	72	73	suitable	
1	500	510	15	0.17	8	Honeysuckle, tatarian			6	6	84	85	suitable	
1	500	510	15	0.17	9	Plum, American			5	5	100	101	suitable	
1	500	510	17.5	0.20	10	Plum, American			5	5	100	101	suitable	

5000	5100	155	1.78	Totals			780	799
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ENTERED + ADJUSTED 7/26/18

Name Dan Weber Address 405 Bdwy N Linton, ND 58552 Phone # 701-254-4653 / 321-3250 Date: 3-7-17

Plan Sketch Map Quarter NW 1/4 Section 18 Township 133 Range 77

Planned Soil Mapunit / name component(s) E3813A / E3815B Planned by: Josh Odden Date: 12-7-17

Approved by: Josh Odden Date: 12-7-17

Conservation Tree & Shrub Group 3 Select MLRA 54

Type of Planting New Landuse Field Program Pipeline

Site Preparation Fallow Protected from livestock? Yes

Site conditions at planting time: Good

Spacing between rows: 20 feet Distance from Windward row to roads or bldgs.: 100 feet

(Minimum 200' on N & W, and 100' on S & E) Planted by: Josh Odden

Remarks on site prep, conditions and management (Weed Control) Date: 5/25/18

Leave 300' gap in planting for low/wet spot, marked by orange.

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications. (circle one)

Checkout by: Josh Odden Date: 5/25/18 Certified By: Josh Odden Date: 5/25/18

Table with 16 columns: Planting No., Planned Length, Planted Length, Planned Width, Acres, Row #, Primary Species of Tree or Shrub, Type or Variety, Alternating Specie, Planned Spacing in row, Row Spacing (installed), Number Planned (est), Number Planted (installed), Primary Specie / CTSG Suitability, Alternating Specie / CTSG Suitability. Includes data for Juniper, Rocky Mtn. and Spruce, Blue.

Totals 4430 40 2.02 459 462

Entered & Verified 7/26/18

Invoice

EMMONS COUNTY SCD
 318 S Broadway Street
 Linton, ND 58552-7612

DATE	INVOICE #
8/6/2018	9864

BILL TO
Perennial Enviromental Services C/O Jonathan Fredland 13100 Northwest Freeway, Suite 150 Houston, TX 77040

TERMS

QUANTITY	DESCRIPTION	RATE	AMOUNT
325	Handplants planted by landowner Trees each	3.00	975.00
	Legal Description 24-133-78 125 Blue Spruce 200 Rocky Mt. Junipers State Sales and Use Tax	5.00%	0.00
	46°19'18.10 N 100°25'30.34 W		
Total			\$975.00



13100 Northwest Freeway
Suite 150
Houston, Texas 77040

Attachment 2:

2019 SCD Planting Reports

Settlement Agreement Tree Replacement Effort 2019 for Dakota Access
Pipeline Project

Mountrail County

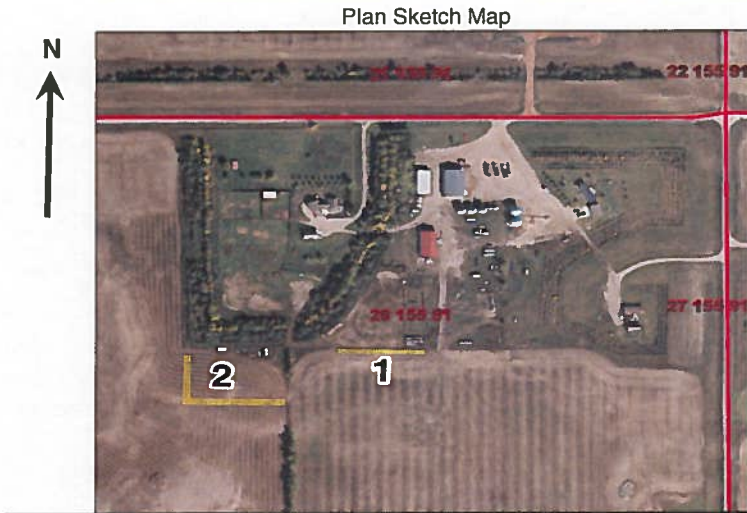
Soil Conservation District Contact: Pam Germundson

701-628-2151 Pam.Germundson@nd.nacdnet.net

Landowner	# of Trees Planted	Planting Date
Shane/Ashely Anderson	319	5/14/2019
Tommy Bieri	423	5/16/2019
Kevin Craft	182	5/22/2019
Roger Harstad	360	5/16/2019
Charles Ramberg	164	5/14/2019
Mark Zaun	84	5/13/2019
Total	1,532	

WESTERN ND - TREE AND SHRUB PLANTING WORKSHEET

Name Kevin Craft Address 8107 56 St NW Stanley ND Phone # 313-0020 Date: 8/30/18



Quarter NE 1/4 Section 28 Twnshp 155 Range 91
Planned Soil Mapunit / name component(s) zahl willimas bowbells/williams zahl
Conservation Tree & Shrub Group 3
Type of Planting New
Landuse Farmstead
Site Preparation Fallow
Spacing between rows: 15 feet
Distance from Windward row to roads or bldgs.: 200 feet
Planted by: TU/PG Date: 5/22/19
Remarks on site prep, conditions and management (Weed Control) Fabric will be installed. Planting No 1 is 8K CTSG.

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications. (circle one)

Table with 15 columns: Planting No., Planned Length, Planted Length, Planned Width, Acres, Row #, Primary Species of Tree or Shrub, Type or Variety, Alternating Specie, Planned Spacing in row, Row Spacing (installed), Number Planned (est), Number Planted (installed), Primary Specie / CTSG Suitability, Alternating Specie / CTSG Suitability. Includes a Totals row at the bottom.

ND - NRCS

WESTERN ND - TREE AND SHRUB PLANTING WORKSHEET

ND-CPA-4, Rev. 02-2017

Name Roger Harstad Address 5580 78TH Ave NW Palermo ND 58769 Phone # 629-1001 Date: 9/18/18

Plan Sketch Map Quarter NW 1/4 Section 31 Twnshp 155 Range 90
 Planned Soil Mapunit / name component(s) C132B C154C C424A C418B Planned by: TU Date: 9/18/18
Approved by: Date:
 Conservation Tree & Shrub Group 8k Select MLRA 53B
 Type of Planting New
 Landuse Field Program None
 Site Preparation Fallow Protected from livestock? Yes
Site conditions at planting time:



Spacing between rows: feet
 Distance from Windward row to roads or bldgs.: feet
(Minimum 200' on N & W, and 100' on S & E)
 Planted by: TU/PG
 Date: 5/16/19
 Remarks on site prep, conditions and management (Weed Control)
Fabric will be installed

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by:		Date:		Certified By:		Date:								
Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	4450	4295	20	1.97		Spruce, Black Hills			12		371	360	NR	
		4450	4295	20	1.97	Totals					371	360		

ND - NRCS

WESTERN ND - TREE AND SHRUB PLANTING WORKSHEET

ND-CPA-4, Rev. 02-2017

Name Charles Ramberg Address 5960 101 1st Ave NW White Earth ND 58794 Phone # 629-1501 Date: 8/30/18



Quarter SW 1/4 Section 6 Twnshp 155 Range 94
 Planned Soil Mapunit / name component(s) Williams Zahl Planned by: TU Date: 8/30/18
 Approved by: _____ Date: _____
 Conservation Tree & Shrub Group 3 Select MLRA 53B
 Type of Planting New
 Landuse Farmstead Program None
 Site Preparation Fallow Protected from livestock? Yes
 Spacing between rows: 15 feet Site conditions at planting time: _____
 Distance from Windward row to roads or bldgs.: _____ feet
 (Minimum 200' on N & W, and 100' on S & E)
 Planted by: TU/PG
 Remarks on site prep, conditions and management (Weed Control) Date: 5/14/19
Fabric will be installed.

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by:		Date:		Certified By:		Date:								
Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	425	411	17.5	0.17		Juniper, Rocky Mtn.			10		43	42	suitable	
1	425	424	15	0.15		Hackberry			10		43	43	suitable	
1	425	423	15	0.15		Oak, Bur			12		36	36	suitable	
1	425	405	15	0.14		Pine, Scotch			12		36	34	suitable	
1	425	407	17.5	0.16		Maple, Amur			10		43	43	suitable	
2125				2070	80	0.76	Totals				201	198		

Settlement Agreement Tree Replacement Effort 2019 for Dakota Access
Pipeline Project

Williams County

Soil Conservation District Contact: Molly Jugovic

701-572-6729 molly.jugovic@nd.nacdnet.net

Landowner	# of Trees Planted	Planting Date
Allison Charles	141	05/08/2019
Halvorson Gerald	282	05/03/2019
Iverson Jason & Raymond	92	05/07/2019
Iverson Milo	184	05/07/2019
Iverson Steve	263	05/07/2019
Johnson Brian	294	05/06/2019
Johnsrud Dennis	624	05/08/2019
Rieder Brian	591	05/03/2019
Trowbridge Byron	178	05/08/2019
Total	2,649	

Name **Allison Charles** Address **1519 Rose Lane Williston, ND 58801** Phone # **701-572-2786 / 701-770-2645** Date: **8-7-18**

Plan Sketch Map



Quarter **NE 1/4** Section **18** Twnshp **155** Range **101**

Planned Soil Mapunit / name component(s) **Williams** Planned by: **MJ** Date: **8-13-18**

Approved by: _____ Date: _____

Conservation Tree & Shrub Group **3** Select MLRA **53A**

Type of Planting **New**

Landuse **Farmstead** Program **None**

Site Preparation **Fallow** Protected from livestock? **No**

Site conditions at planting time: **Good**

Spacing between rows: **15** feet

Distance from Windward row to roads or bldgs.: _____ feet
(Minimum 200' on N & W, and 100' on S & E)

Planted by: **DN LB MJ**

Remarks on site prep, conditions and management (Weed Con Date: **05/08/2019**)

Dakota Access Pipeline ***Wants Spruce and Pine rows to be offset with each other*** FABRIC
Email: ssheets@nccray.com Contact Person Scott Sheets 701-713-0272 Shallow in a couple spots but overall good

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by:		Date:		Certified By:					Date:						
Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability	
1	140	144	17.5	0.06	1	Pine, Ponderosa	▼	▼	15		10	10	suitable		
1	170	210	15	0.07	2	Spruce, Blue	▼	▼	15		12	14	suitable		
1	170	214	15	0.07	3	Pine, Ponderosa	▼	▼	15		12	14	suitable		
1	150	144	15	0.05	4	Pine, Ponderosa	▼	▼	15		10	10	suitable		
1	150	111	15	0.04	5	Spruce, Blue	▼	▼	15		10	7	suitable		
1	750	688	17.5	0.28	6	Maple, Amur	▼	▼	8		94	86	suitable		
							▼								
							▼								
							▼								
							▼								
							▼								
							▼								
							▼								
							▼								
							▼								
							▼								
							▼								
							▼								
							▼								
1530		1511	95	0.57	Totals				148	141					

Name Halvorson Gerald Address PO Box 1894 Williston, ND 58802 Phone # 701-570-3452 Date: 10-24-18

Quarter SE 1/4 Section 26 Twnshp 154 Range 102

Planned Soil Mapunit / name component(s) Williams Planned by: MJ Date: 10-24-18

Conservation Tree & Shrub Group 3 Approved by: Date:

Landuse Other Type of Planting New Select MLRA 53A

Site Preparation Fallow Program None

Protected from livestock?

Site conditions at planting time: Good

Spacing between rows: 15 feet

Distance from Windward row to roads or bldgs.: feet

(Minimum 200' on N & W, and 100' on S & E) Planted by: DN LB MJ

Remarks on site prep, conditions and management (Weed Con Date: 5-3-19

Dakota Access Pipeline Email: ghalvorson@nemont.net FABRIC Row 1 Tree will need to be taken out before fabric, Row 2 fluffy and a little shallow in areas



This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: Date: Certified By: Date:

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	1030	1026	17.5	0.41	1	Juniper, Rocky Mtn.		Ash, Green	8		129	128	suitable	suitable
1	1000	980	15	0.34	2	Juniper, Rocky Mtn.		Ash, Green	8		125	123	suitable	suitable
1	200	185	17.5	0.07	3	Juniper, Rocky Mtn.			6		34	31	suitable	

2230 2191 50 0.82 **Totals** 288 282

Name **Iverson Jason & Raymond** Address **PO Box 594 Stanley, ND 58784** Phone # **701-629-1720** Date: **9-27-18**

Quarter **NE 1/4** Section **6** Twnshp **155** Range **95**

Planned Soil Mapunit / name component(s) **Williams** Planned by: **MJ** Date: **9-28-18**

Approved by: Date:

Conservation Tree & Shrub Group **3** Select MLRA **53B**

Type of Planting **New**

Landuse **Farmstead** Program **None**

Site Preparation **Fallow** Protected from livestock? **Yes**

Site conditions at planting time: **Good**

Spacing between rows: **12** feet

Distance from Windward row to roads or bldgs.: feet

(Minimum 200' on N & W, and 100' on S & E) Planted by: **DN LB MJ**

Remarks on site prep, conditions and management (Weed Con Date: **05-7-19**

Dakota Access Pipeline Email: jasoni@mvec.com FABRIC Very Nicely worked!



This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: Date: Certified By: Date:

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG	Alternating Specie / CTSG
													Suitability	Suitability
1	257	284	16	0.10		Ash, Green			12		22	24	suitable	
1	257	280	16	0.10		Caragana			6		43	47	suitable	
Totals												65	71	

Name **Iverson Jason Site2** Address **PO Box 594 Stanley, ND 58784** Phone # **701-629-1720** Date: **9-27-18**

Plan Sketch Map



Quarter **SE 1/4** Section **31** Twnshp **156** Range **95**

Planned Soil Mapunit / name component(s) **Williams** Planned by: **MJ** Date: **9-28-18**

Approved by: _____ Date: _____

Conservation Tree & Shrub Group **3** Select MLRA **53B**

Type of Planting **New**

Landuse **Field** Program **None**

Site Preparation **Fallow** Protected from livestock? **Yes**

Site conditions at planting time: **Fair**

Spacing between rows: **12** feet

Distance from Windward row to roads or bldgs.: _____ feet

(Minimum 200' on N & W, and 100' on S & E) Planted by: **DN LB MJ**

Remarks on site prep, conditions and management (Weed Con _____ Date: **5-7-19**)

Dakota Access Pipeline Email: jasoni@mwecc.com FABRIC Shallow! Very hard to get bur oak in

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by:		Date:		Certified By:		Date:									
Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability	
1	265	330	16	0.12	1	Ash, Green			12		23	28	suitable		
1	265	321	16	0.12	2	Oak, Bur			8		34	40	suitable		
530				651	32	0.24	Totals				57	68	WEST - TREEPLAN		

Name **Iverson Milo** Address **25613 South Burnaby Drive Sun Lakes, AZ 85248** Phone # **480-203-1861** Date: **7-30-18**

Quarter **NW 1/4** Section **1** Twnshp **155** Range **96**

Planned Soil Mapunit / name component(s) **Williams** Planned by: **MJ** Date: **9-21-18**

Approved by: **[Signature]** Date: **[Blank]**

Conservation Tree & Shrub Group **3** Select MLRA **53B**

Type of Planting **New**

Landuse **Farmstead** Program **None**

Site Preparation **Fallow** Protected from livestock? **Yes**

Site conditions at planting time: **Good**

Spacing between rows: **16** feet

Distance from Windward row to roads or bldgs.: **[Blank]** feet

(Minimum 200' on N & W, and 100' on S & E)

Planted by: **DN LB MJ**

Remarks on site prep, conditions and management (Weed Con **DN LB MJ** Date: **5-7-19**)

Dakota Access Pipeline (John & Sue Belden live on farm) Greg Iverson (Main Contact lives in Arizona 480-203-1861) FABRIC R5 Quaking Aspen/Paper Birch R6 Hackberry/Sharpleaf Willow R7 Green Ash/Paper Birch 4-6 very rocky & clumpy The rest was a bit fluffy but overall good



This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: **[Blank]** Date: **[Blank]** Certified By: **[Blank]** Date: **[Blank]**

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	240	272	18	0.11	1	Pine, Ponderosa		Spruce, Blue	12		20	23	suitable	suitable
1	240	288	16	0.11	2	Spruce, Blue		Spruce, Black Hills	12		20	24	suitable	suitable
1	240	275	16	0.10	3	Pine, Ponderosa		Spruce, Black Hills	12		20	23	suitable	suitable
1	225	206	16	0.08	4	Maple, Amur		Ash, Green	10		23	21	suitable	suitable
1	225	218	16	0.08	5	Aspen, Quaking			12		19	18	NR	
1	225	218	16	0.08	6	Hackberry			12		19	18	suitable	
1	225	218	16	0.08	7	Ash, Green			12		19	18	suitable	
1	225	214	16	0.08	8	Hackberry		Aspen, Quaking	12		19	18	suitable	NR
1	225	210	18	0.09	9	Maple, Amur		Ash, Green	10		23	21	suitable	suitable

2070	2119	148	0.80	Totals				182	184
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Name **Iverson Steve** Address **PO Box 185 Tioga, ND 58852** Phone # **701-641-6297** Date: **10-01-18**

Plan Sketch Map Quarter **NE 1/4** Section **1** Twnshp **155** Range **96**

Planned Soil Mapunit / name component(s) **Tansem** Planned by: **MJ** Date: **10-3-18**

Approved by: **[Signature]** Date: **[Blank]**

Conservation Tree & Shrub Group **3** Select MLRA **53B**

Type of Planting **New**

Landuse **Farmstead** Program **None**

Site Preparation **Fallow** Protected from livestock? **Yes**

Site conditions at planting time: **Good**

Spacing between rows: **14** feet

Distance from Windward row to roads or bldgs.: **[Blank]** feet

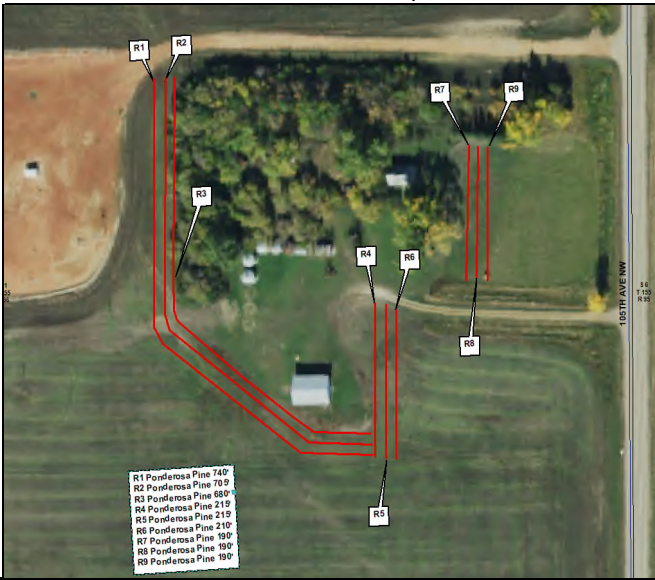
(Minimum 200' on N & W, and 100' on S & E)

Planted by: **DN LB MJ**

Remarks on site prep, conditions and management (Weed Con Date: **5-7-19**)

Email: **siverson@hess.com** Dakota Access Pipeline FABRIC

R3 stay as close to barnyard as possible



This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

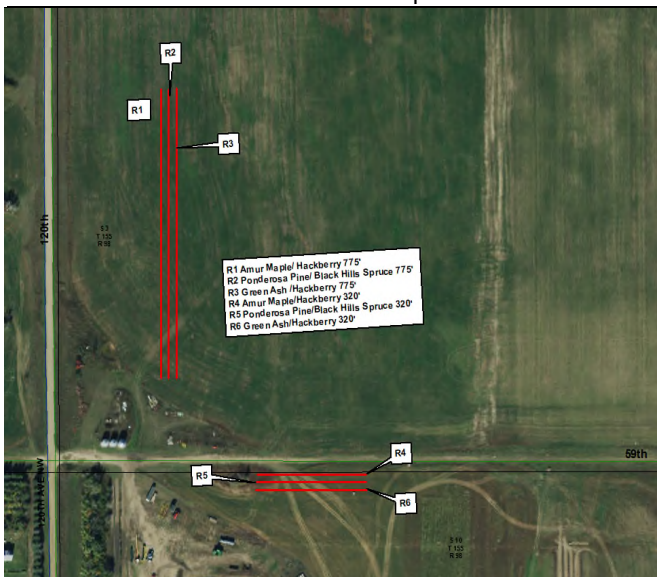
Checkout by: **[Blank]** Date: **[Blank]** Certified By: **[Blank]** Date: **[Blank]**

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	740	712	17	0.28	1	Pine, Ponderosa			12		62	59	suitable	
1	705	688	14	0.22	2	Pine, Ponderosa			12		59	57	suitable	
1	680	684	14	0.22	3	Pine, Ponderosa			12		57	57	suitable	
1	215	206	14	0.07	4	Pine, Ponderosa			12		18	17	suitable	
1	215	214	14	0.07	5	Pine, Ponderosa			12		18	18	suitable	
1	210	198	14	0.06	6	Pine, Ponderosa			12		18	17	suitable	
1	190	157	14	0.05	7	Pine, Ponderosa			12		16	13	suitable	
1	190	144	14	0.05	8	Pine, Ponderosa			12		16	12	suitable	
1	190	156	17	0.06	9	Pine, Ponderosa			12		16	13	suitable	

3335	3159	132	1.08	Totals				280	263
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Name **Johnson Brian** Address **5626 119th Ave NW Ray, ND 58849** Phone # **701-570-4378** Date: **9-20-18**

Plan Sketch Map



Quarter **NW 1/4** Section **10** Twnshp **155** Range **98**

Planned Soil Mapunit / name component(s) **Williams** Planned by: **MJ** Date: **10-09-18**

Approved by: _____ Date: _____

Conservation Tree & Shrub Group **3** Select MLRA **53A**

Type of Planting **New**

Landuse **Field** Program **None**

Site Preparation **Fallow** Protected from livestock? **Yes**

Site conditions at planting time: **Fair**

Spacing between rows: **22** feet

Distance from Windward row to roads or bldgs.: _____ feet

(Minimum 200' on N & W, and 100' on S & E) Planted by: **DN LB MJ**

Remarks on site prep, conditions and management (Weed Con) Date: **5-6-19**

Email: **ejohnson@nccray.com** Dakota Access Pipeline FABRIC ***R4-R6 will need to stay to the west of the Pipeline*** Trashy & shallow in places. Row 4 & Row 6 are switched

This practice installation **MEETS / DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: _____ Date: _____ Certified By: _____ Date: _____

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
7	775	708	21	0.34	1	Maple, Amur	▼	Hackberry	10		78	71	suitable	suitable
1	775	708	22	0.36	2	Pine, Ponderosa	▼	Spruce, Black Hills	12		65	59	suitable	suitable
1	775	704	22	0.36	3	Ash, Green	▼	Hackberry	12		65	59	suitable	suitable
1	320	392	22	0.20	6	Maple, Amur	▼	Hackberry	10		32	39	suitable	suitable
1	320	392	22	0.20	5	Pine, Ponderosa	▼	Spruce, Black Hills	12		27	33	suitable	suitable
1	320	400	21	0.19	4	Ash, Green	▼	Hackberry	12		27	33	suitable	suitable
							▼							
							▼							
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							▼							
							▼							
Totals												294	294	

Name **Johnsrud Dennis** Address **6453 123 Ave NW Epping, ND 58843** Phone # **1-701-570-1456** Date: **9-18-18**

Plan Sketch Map



Quarter **SE 1/4** Section **1** Twnshp **156** Range **99**

Planned Soil Mapunit / name component(s) **Lehr** Planned by: **MJ** Date: **9-20-18**

Approved by: **Lehr** Date:

Conservation Tree & Shrub Group **6G** Select MLRA **53A**

Type of Planting **New**

Landuse **Wildlife** Program **None**

Site Preparation **Fallow** Protected from livestock? **Yes**

Site conditions at planting time: **Good**

Spacing between rows: **20** feet

Distance from Windward row to roads or bldgs.: _____ feet

(Minimum 200' on N & W, and 100' on S & E)

Planted by: **DN LB MJ**

Remarks on site prep, conditions and management (Weed Con) Date: **5-8-19**

Email: dljohnsrud@yahoo.com Dakota Access Pipeline FABRIC

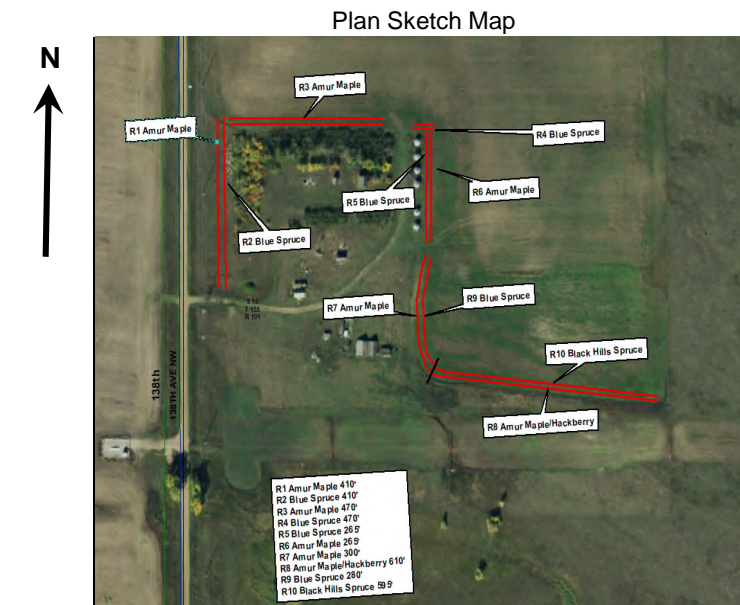
This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: _____ Date: _____ Certified By: _____ Date: _____

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	1315	1569	20	0.72	1	Cottonwood	Native		12		110	131	NR	
1	1265	1574	20	0.72	2	Juniper, Rocky Mtn.			6		211	262	suitable	
1	1400	1368	20	0.63	3	Pine, Ponderosa			12		117	114	suitable	
1	1415	1404	20	0.64	4	Spruce, Blue			12		118	117	NR	

5395 5915 80 2.72 **Totals** 556 624 WEST - TREEPLAN

Name **Rieder Brian Site 1** Address **5825 137th Ave NW Williston, ND 58801** Phone # **701-570-7804** Date: **10-26-18**



Quarter **NW 1/4** Section **10** Twnshp **155** Range **101**
 Planned Soil Mapunit / name component(s) **Williams** Planned by: **MJ** Date: **10-26-18**
 Approved by: _____ Date: _____

Conservation Tree & Shrub Group **3** Select MLRA **53A**
 Type of Planting **New** Program **None**
 Landuse **Farmstead** Protected from livestock? **Yes**
 Site Preparation **Fallow** Site conditions at planting time: **Good**

Spacing between rows: **12** feet
 Distance from Windward row to roads or bldgs.: _____ feet
 (Minimum 200' on N & W, and 100' on S & E)
 Planted by: **DN LB MJ**

Remarks on site prep, conditions and management (Weed Con Date: **5-3-19**)
 Dakota Access Pipeline FABRIC ***R8 needs to alternate between hackberry and amur maple***
 Good-South end had corn stocks hard for fabric

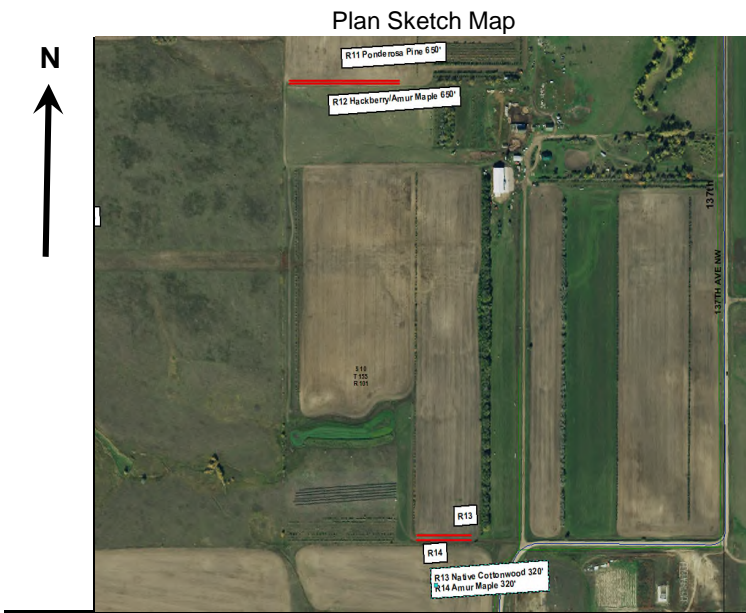
This practice installation **MEETS / DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: _____ Date: _____ Certified By: _____ Date: _____

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	410	410	16	0.15	1	Maple, Amur			8		52	52	suitable	
1	410	418	12	0.12	2	Spruce, Blue			12		35	35	suitable	
1	470	470	12	0.13	3	Maple, Amur			8		59	59	suitable	
1	470	478	12	0.13	4	Spruce, Blue			12		40	40	suitable	
1	265	273	12	0.08	5	Spruce, Blue			12		23	23	suitable	
1	265	266	12	0.07	6	Maple, Amur			8		34	34	suitable	
1	300	305	12	0.08	7	Maple, Amur			8		38	38	suitable	
1	610	441	12	0.12	8	Maple, Amur		Hackberry	8		77	55	suitable	suitable
1	280	310	12	0.09	9	Spruce, Blue			12		24	26	suitable	
1	595	411	16	0.15	10	Spruce, Black Hills			12		50	34	suitable	

4075	3782	128	1.12	Totals				432	396
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Name Rieder Brian Site 2 Address 5825 137th Ave NW Williston, ND 58801 Phone # 701-570-7804 Date: 10-26-18



Quarter SE 1/4 Section 10 Twnshp 155 Range 101

Planned Soil Mapunit / name component(s) Williams Planned by: MJ Date: 10-26-18

Conservation Tree & Shrub Group 3 Approved by: Date:

Type of Planting New Select MLRA 53A

Landuse Farmstead Program None

Site Preparation Fallow Protected from livestock? Yes

Spacing between rows: 12 feet Site conditions at planting time: Good

Distance from Windward row to roads or bldgs.: feet

(Minimum 200' on N & W, and 100' on S & E) Planted by: DN LB MJ

Remarks on site prep, conditions and management (Weed Con Date: 5-3-19)

Dakota Access Pipeline FABRIC *** Need to leave opening on East side for him to get equipment in field*** ***Alternate R12 between Hackberry & Amur Maple*** Everything Worked up Good

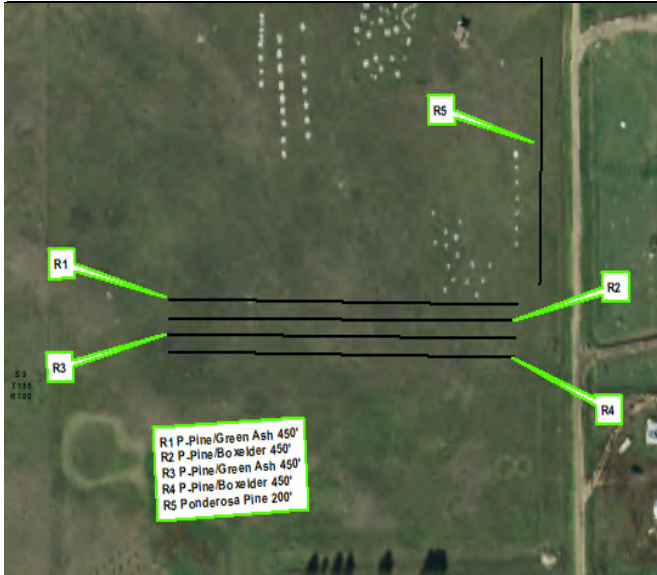
This practice installation **MEETS / DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: Date: Certified By: Date:

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	650	713	16	0.26	11	Pine, Ponderosa			12		55	59	suitable	
1	650	717	12	0.20	12	Maple, Amur		Hackberry	10		65	72	suitable	suitable
1	320	300	12	0.08	13	Cottonwood	Native		12		27	25	NR	
1	320	308	16	0.11	14	Maple, Amur			8		40	39	suitable	
Totals											187	195		

Name **Trowbridge Byron** Address **1107 4th St W Williston, ND 58801** Phone # **701-770-0865** Date: **8-1-18**

Plan Sketch Map



Quarter **SW 1/4** Section **9** Twnshp **155** Range **100**
 Planned Soil Mapunit / name component(s) **Tally & Livona** Planned by: **MJ** Date: **8-2-18**
 Approved by: _____ Date: _____

Conservation Tree & Shrub Group **5** Select MLRA **53A**
 Type of Planting **New**
 Landuse **Field** Program **None**
 Site Preparation **No-Till/Herbicide** Protected from livestock? **Yes**
 Spacing between rows: **30** feet Site conditions at planting time: **Fair**

Distance from Windward row to roads or bldgs.: _____ feet
 (Minimum 200' on N & W, and 100' on S & E) Planted by: **DN LB MJ**

Remarks on site prep, conditions and management (Weed Con Date: **5-8-19**)
Dakota Access Pipeline FABRIC Penetrated but did not pack very well

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: _____ Date: _____ Certified By: _____ Date: _____

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	710	716	25	0.41	1	Pine, Ponderosa	▼	Ash, Green	18		40	40	suitable	suitable
1	710	721	30	0.50	2	Pine, Ponderosa	▼	Boxelder	18		40	40	suitable	NR
1	710	729	30	0.50	3	Pine, Ponderosa	▼	Ash, Green	18		40	41	suitable	suitable
1	710	716	30	0.49	4	Pine, Ponderosa	▼	Boxelder	18		40	40	suitable	NR
1	300	305	25	0.18	5	Pine, Ponderosa	▼		18		17	17	suitable	
							▼							
							▼							
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							▼							
										Totals	177	178	WEST - TREEPLAN	

Settlement Agreement Tree Replacement Effort 2019 for Dakota Access
Pipeline Project

Dunn County

Soil Conservation District Contact: Kaylee Stein

701-764-5646 Kaylee.Stein@nd.nacdnet.net

Landowner	# of Trees Planted	Planting Date
Jim Jeske	285	2019
Russ Stein	103	2019
James R. Connolly	156	2019
Zane Voigt	91	2019
Armin Voigt	508	2019
Daryl Semerad	591	2019
Jodi Spotted Bear	165	2019
Total	1,899	

ND - NRCS

WESTERN ND - TREE AND SHRUB PLANTING WORKSHEET

ND-CPA-4, Rev. 03-2017

Name Jim Jeske Address Killdeer, ND Phone # _____ Date: 6/27/18

Plan Sketch Map



Quarter _____ Section _____ Township _____ Range _____

Planned Soil Mapunit / name component(s) _____ Planned by: K. Stein Date: 6/27/18

Approved by: _____ Date: _____

Conservation Tree & Shrub Group 6D Select MLRA 54

Type of Planting New

Landuse Farmstead

Site Preparation Tilled/Herbicide

Program _____

Protected from livestock? Yes

Site conditions at planting time: _____

Spacing between rows: 12 feet

Distance from Windward row to roads or bldgs.: _____ feet

(Minimum 200' on N & W, and 100' on S & E)

Planted by: _____

Remarks on site prep, conditions and management (Weed Control) Date: _____

Weed fabric. . DRAFT PLAN TREES WILL BE SIMILAR!

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: _____ Date: _____ Certified By: _____ Date: _____

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
	1320	818				Lilac, Common			4		330	205	suitable	
	1320	837				Pine, Ponderosa		Pine, Scotch	14		95	60	suitable	suitable
	1320	851				Pine, Ponderosa			14		95	61	suitable	
	1320	888				Juniper, Rocky Mtn.			8		165	111	suitable	
	1320	899				Juniper, Rocky Mtn.			8		165	113	suitable	

6600 4293 _____ **Totals** _____ 850 550 WEST - TREEPLAN

Name Russ Stein Address 9548 19th St SW Taylor, ND 58656 Phone # 701-290-2431 Date: 8/12/18



Plan Sketch Map



Quarter NE 1/4 Section 31 Twnshp 143 Range 93

Planned Soil Mapunit / name component(s) _____ Planned by: K. Stein Date: 8/12/18

Approved by: _____ Date: _____

Conservation Tree & Shrub Group 1 Select MLRA 54

Type of Planting New

Landuse Farmstead Program _____

Site Preparation Tilled/Herbicide Protected from livestock? Yes

Spacing between rows: 0 feet Site conditions at planting time: _____

Distance from Windward row to roads or bldgs.: _____ feet

(Minimum 200' on N & W, and 100' on S & E) Planted by: _____

Remarks on site prep, conditions and management (Weed Control) Date: _____

Weed Fabric _____

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: _____ Date: _____ Certified By: _____ Date: _____

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	1000	1562	20	0.72		Cottonwood			17		59	81	suitable	
	382	382				Spruce, Blue						22	suitable	

1382	1944	20	0.72	Totals				59	103
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ND - NRCS

WESTERN ND - TREE AND SHRUB PLANTING WORKSHEET

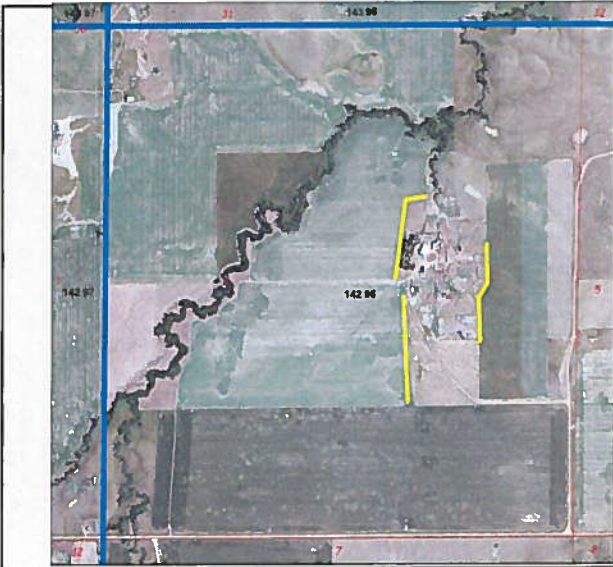
ND-CPA-4, Rev. 03-2017

Name **Daryl Semerad** Address **Dickinson, ND** Phone # _____ Date: **8/12/18**

Quarter **NE 1/4** Section **6** Twnshp **142** Range **96**



Plan Sketch Map



Planned Soil Mapunit / name component(s) _____ Planned by: **K. Stein** Date: **8/12/18**

Approved by: _____ Date: _____

Conservation Tree & Shrub Group **6D** Select MLRA **54**

Type of Planting **New**

Landuse **Farmstead** Program _____

Site Preparation **Tilled/Herbicide** Protected from livestock? **Yes**

Spacing between rows: **0** feet

Distance from Windward row to roads or bldgs.: _____ feet

(Minimum 200' on N & W, and 100' on S & E)

Remarks on site prep, conditions and management (Weed Control) _____ Planted by: _____ Date: _____

Weed Fabric _____

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: _____ Date: _____ Certified By: _____ Date: _____

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability	
1	2000	1070	10	0.25		Lilac, Common	▼	▼	5	4	400	214	suitable		
	2000	1841				Juniper, Rocky Mtn.	▼	▼	8	8	250	231	suitable		
	2000	1803				Pine, Ponderosa	▼	▼	13	13	154	139	suitable		
2	950	1088	10	0.25		Lilac, Common	▼	▼	5	4	190	218	suitable		
	950	1092				Pine, Ponderosa	▼	▼	13	13	74	84	suitable		
	950	1089				Juniper, Rocky Mtn.	▼	▼	8	8	119	137	suitable		
						▼									
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									8850	7983	20	0.50			

Totals 1187 1023 WEST - TREEPLAN

Settlement Agreement Tree Replacement Effort 2019 for Dakota Access
Pipeline Project

Mercer County

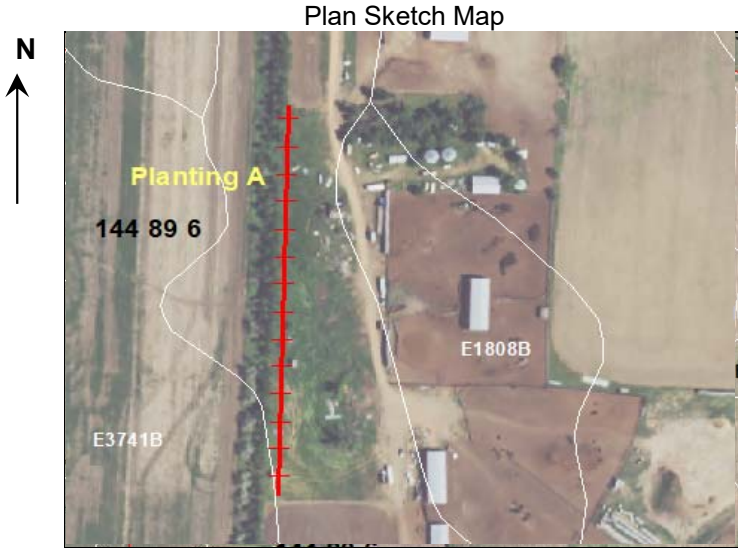
Soil Conservation District Contact: Sarah Tunge

701-873-2101 sarah.tunge@nd.nacdnet.net

Landowner	# of Trees Planted	Planting Date
Clayton Boeckel	54	06/03/2019
Randy Huntimer	200	05/14/2019
Glen Pederson	691	05/29/2019
Les Miller	312	05/20/2019
Total	1,257	

WEST - TREE AND SHRUB PLANTING WORKSHEET

Name Clayton J. Boeckel Address 1007 Central Avenue North, Beulah, ND 58523 Phone # C:701-870-2227 Date: 9/12/18



Quarter NW 1/4 Section 6 Twshp 144 Range 89
 Lon/Lat -102.0156 47.3249 Planned by: BK Plan approved by _____
 Planned Soil Mapunit / name component(s) E3733C
 Conservation Tree & Shrub Group 5 Select MLRA 54
 Type of Planting New
 Landuse Living Snow Fence Cost share Program DAPL2
 Site Preparation Fallow Site protected from livestock? Yes
 Condition of site at planting time: _____
 Spacing between rows: 12 feet
 Distance from Windward row to roads or bldgs: >200 feet
 (Minimum 200' on N & W, and 100' on S & E) Planted by: ST, BK, CL
 Remarks / Management (Weed Control) Date: 6/3/2019
Mowing, Tilling and Weed Barrier. 82 degrees, sunny, 50% relative humidity, soil moisture - good, weed pressure - high. Weedbarrier applied 6/6.

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications.

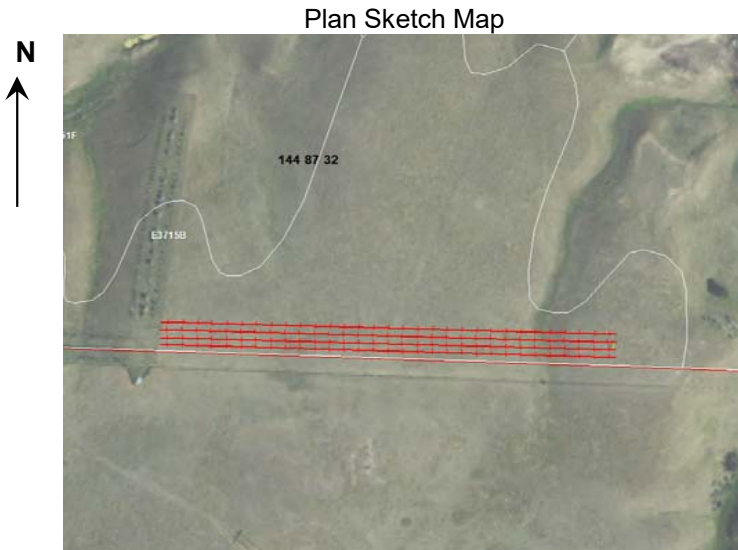
Certified By: _____

Date: _____

Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability					
A	740	270	12	0.07	1	Pine, Ponderosa			12	62	22	suitable	0					
	740	270	12	0.07	2	Redcedar, Eastern			6	123	32	suitable	0					
			0	0.00	3					0	0	0	0					
			0	0.00	4					0	0	0	0					
			0	0.00	5					0	0	0	0					
			0	0.00	6					0	0	0	0					
			0	0.00	7					0	0	0	0					
			0	0.00	8					0	0	0	0					
			0	0.00	9					0	0	0	0					
			0	0.00	10					0	0	0	0					
			0	0.00	11					0	0	0	0					
			0	0.00	12					0	0	0	0					
			0	0.00	13					0	0	0	0					
			0	0.00	14					0	0	0	0					
			0	0.00	15					0	0	0	0					
			0	0.00	16					0	0	0	0					
Totals										1480	540	24	0.15		185	54		

WEST - TREE AND SHRUB PLANTING WORKSHEET

Name **Randy Huntimer** Address **1198 59th Ave SW, Beulah, ND** Phone # **891-8888 rhuntimer@bepc.c** Date: **10/4/2018**



Quarter	SW 1/4	Section	32	Twshp	144	Range	87
Lon/Lat	-101.7397 47.2417	Planned by:	Mark Johannes		Plan approved by		
Planned Soil Mapunit / name component(s)				E3715B			
Conservation Tree & Shrub Group				5	Select MLRA		54
Type of Planting		New					
Landuse		Wildlife					
Site Preparation		Tilled/Herbicide		Site protected from livestock?		Yes	
Condition of site at planting time:							

Spacing between rows: **15** feet

Distance from Windward row to roads or bldgs: **>200** feet
(Minimum 200' on N & W, and 100' on S & E)

Planted by: **ST, BK, MJ**

Remarks / Management (Weed Control) Date: **5/14/2019**

Weedbarrier to be applied. Producer will till. Sunny, 67 degrees, well tilled, winds NE 5-12, soil moisture - good, rain incoming from W. Weedbarrier applied 5/31.

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications.

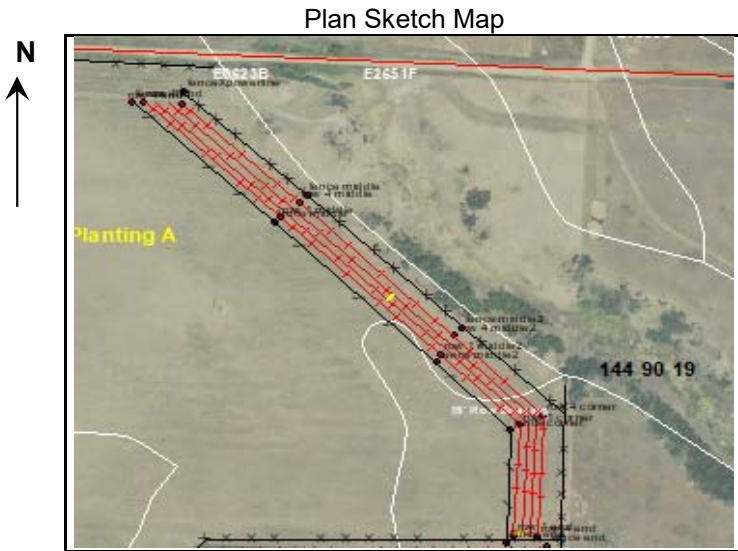
Certified By:

Date:

Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability				
A	800	766	17.5	0.31	1	Sandcherry, Western			6	133	123	suitable	0				
	800	748	15	0.26	2	Chokecherry, common		Plum, American	6	133	122	suitable	suitable				
	800	760	15	0.26	3	Juniper, Rocky Mtn.			8	100	100	suitable	0				
	800	776	17.5	0.31	4	Juniper, Rocky Mtn.			8	100	100	suitable	0				
			0	0.00	5					0	0	0	0				
			0	0.00	6					0	0	0	0				
			0	0.00	7					0	0	0	0				
			0	0.00	8					0	0	0	0				
			0	0.00	9					0	0	0	0				
			0	0.00	10					0	0	0	0				
			0	0.00	11					0	0	0	0				
			0	0.00	12					0	0	0	0				
			0	0.00	13					0	0	0	0				
			0	0.00	14					0	0	0	0				
			0	0.00	15					0	0	0	0				
			0	0.00	16					0	0	0	0				
Totals										3200	3050	65	1.14	467	445		

WEST - TREE AND SHRUB PLANTING WORKSHEET

Name Glen Pederson Address 950 78th Ave SW, Dodge, ND 58625 Phone # (307) 351-0428 grped36@g Date: 9/5/18



Quarter	<u>NE 1/4</u>	Section	<u>19</u>	Twshp	<u>144</u>	Range	<u>90</u>
Lon/Lat	<u>-102.1369 47.2836</u>	Planned by:	<u>BK</u>	Plan approved by			
Planned Soil Mapunit / name component(s)		<u>E0623B</u>					
Conservation Tree & Shrub Group			<u>4</u>	Select MLRA		<u>54</u>	
Type of Planting		<u>New</u>					
Landuse		<u>Field</u>				Cost share Program	
Site Preparation		<u>Tilled/Herbicide</u>				Site protected from livestock?	
						<u>Yes</u>	
Condition of site at planting time:							
Spacing between rows: <u>20</u> feet							
Distance from Windward row to roads or bldgs:				<u>>200</u> feet			
				<i>(Minimum 200' on N & W, and 100' on S & E)</i>			
Planted by:						<u>ST, BK, CL</u>	
Remarks / Management (Weed Control)						Date: <u>5/29/2019</u>	
Weedbarrier to be applied. Requires, tilling. 82 degrees, Winds 3-5, well tilled, Humidity 60%. Left a gap in rows 2&3 under power lines. Weedbarrier finished 6/12, very hard soil on N end, moderately hard throughout the rest.							

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications.

Certified By:

Date:

Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability
<u>A</u>	<u>1,597</u>	<u>1570</u>	<u>18</u>	<u>0.65</u>	<u>1</u>	<u>Juniper, Rocky Mtn.</u>			<u>8</u>	<u>200</u>	<u>204</u>	<u>suitable</u>	<u>0</u>
	<u>1,591</u>	<u>1535</u>	<u>20</u>	<u>0.70</u>	<u>2</u>	<u>Spruce, Blue</u>			<u>12</u>	<u>133</u>	<u>128</u>	<u>suitable</u>	<u>0</u>
	<u>1,585</u>	<u>1562</u>	<u>20</u>	<u>0.72</u>	<u>3</u>	<u>Spruce, Black Hills</u>			<u>12</u>	<u>132</u>	<u>118</u>	<u>suitable</u>	<u>0</u>
	<u>1,584</u>	<u>1560</u>	<u>18</u>	<u>0.64</u>	<u>4</u>	<u>Hackberry</u>		<u>Ash, Green</u>	<u>10</u>	<u>158</u>	<u>145</u>	<u>suitable</u>	<u>suitable</u>
	<u>6357</u>	<u>6227</u>	<u>76</u>	<u>2.72</u>	Totals					<u>623</u>	<u>595</u>		

WEST - TREE AND SHRUB PLANTING WORKSHEET

Name **Glen Pederson** Address **950 78th Ave SW, Dodge, ND 58625** Phone # **(307) 351-0428 grped36@g** Date: **2/20/19**

Quarter **NW 1/4** Section **19** Twshp **144** Range **90**

Planned by: **MJ** Plan approved by:

Planned Soil Mapunit / name component(s) **E1823B, E1875D**

Conservation Tree & Shrub Group **5** Select MLRA **54**

Type of Planting **New**

Landuse **Field** Cost share Program

Site Preparation **Tilled/Herbicide** Site protected from livestock? **Yes**

Condition of site at planting time:

Spacing between rows: **20** feet

Distance from Windward row to roads or bldgs: **>200** feet

(Minimum 200' on N & W, and 100' on S & E) Planted by: **ST, BK, CL**

Remarks / Management (Weed Control) Date: **5/29/2019**

Weedbarrier to be applied. Requires, tilling, 82 degrees Winds 3-5, Well tilled, Humidity 60%.
 Weedbarrier applied 6/6. **96 Juniper and 576 feet of weed barrier planted as DAPL2.**



This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications.

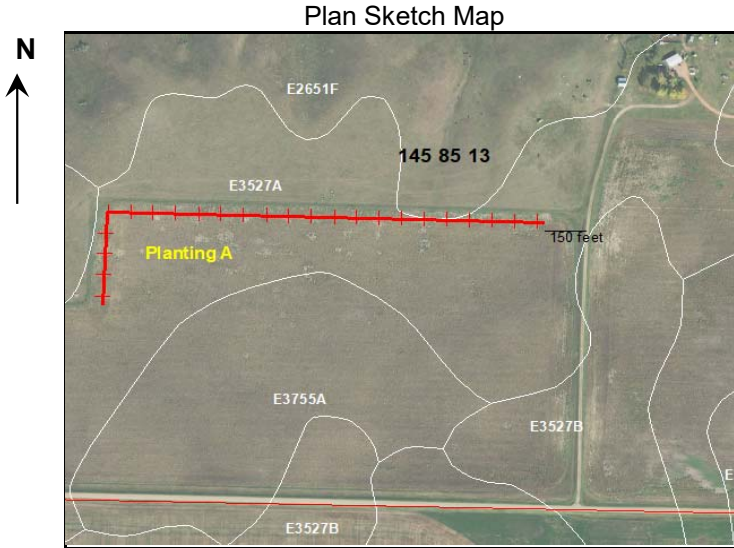
Certified By:

Date:

Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability
B	1,200	1152	18	0.48	1	Caragana		Juniper, Rocky Mtn.	6	200	192	suitable	suitable
Totals										200	192		

WEST - TREE AND SHRUB PLANTING WORKSHEET

Name **Les Miller** Address **265 County Rd 37, Stanton, ND 58571** Phone # **748-6952 c:880-1155** Date: **12/6/2017**



Quarter	NW 1/4	Section	13	Twshp	145	Range	85
Lon/Lat	-101.4553 47.3745	Planned by:	BK	Plan approved by			
Planned Soil Mapunit / name component(s)		E3527A					
Conservation Tree & Shrub Group			3	Select MLRA		54	
Type of Planting		New					
Landuse		Field					
Site Preparation		Fallow		Cost share Program		DAPL1&2	
Site protected from livestock?				Yes			
Condition of site at planting time:				Fair			
Spacing between rows:		14 feet					
Distance from Windward row to roads or bldgs:		>200 feet <i>(Minimum 200' on N & W, and 100' on S & E)</i>					
Planted by:		ST, BK, MJ, CL					
Remarks / Management (Weed Control)		Date: 5/20/2019					
Tilling and Weed Barrier. Row 1 DAPL1, Rows 2&3 DAPL2. 60 degrees, sunny, winds SE 10-20, well tilled, soil moisture - good. Weedbarrier applied 5/29.							

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications.

Certified By:

Date:

Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability
A	1915	1895	14	0.61	1	Lilac, Common		Lilac, Late	6	319	269	suitable	suitable
	1887	1885	14	0.61	2	Ash, Green		Oak, Bur	10	189	166	suitable	suitable
	1859	1855	14	0.60	3	Spruce, Blue		Spruce, Black Hills	12	155	146	suitable	suitable
			0	0.00	4					0	0	0	0
			0	0.00	5					0	0	0	0
			0	0.00	6					0	0	0	0
			0	0.00	7					0	0	0	0
			0	0.00	8					0	0	0	0
			0	0.00	9					0	0	0	0
			0	0.00	10					0	0	0	0
			0	0.00	11					0	0	0	0
			0	0.00	12					0	0	0	0
			0	0.00	13					0	0	0	0
			0	0.00	14					0	0	0	0
			0	0.00	15					0	0	0	0
			0	0.00	16					0	0	0	0
Totals										663	581		

Settlement Agreement Tree Replacement Effort 2019 for Dakota Access
Pipeline Project

Morton County

Soil Conservation District Contact: Ryan Kobilanky
701-667-1163 ryan.kobilansky@nd.nacdnet.net

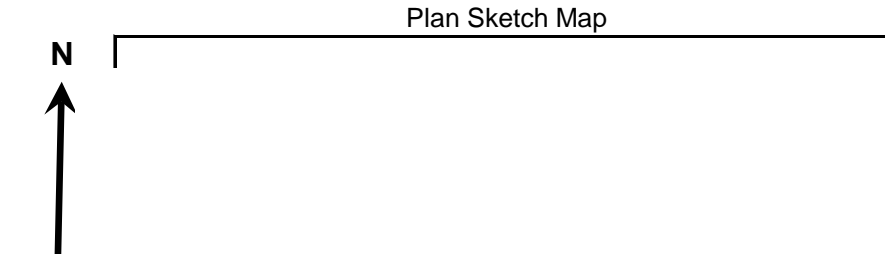
Landowner	# of Trees Planted	Planting Date
Andrew Holle	265	5/21/2019
Jesse Karabensh	36	5/30/2019
Tim Nilsen	129	5/15/2019
Urban Silbernagel	23	5/30/2019
Robert Slavick	120	5/30/2019
Keith Boehm	43	5/17/2019
Wendy Boehm	62	5/16/2019
Wayne Cochran	64	5/15/2019
Paul Govig	82	5/30/2019
Duric Hoff	220	5/29/2019
Total	1,044	

ND - NRCS

WESTERN ND - TREE AND SHRUB PLANTING WORKSHEET

ND-CPA-4, Rev. 03-2017

Name **Andrew Holle** Address **2165 54th St, Mandan ND 58554** Phone # **701-445-7500** Date: **10/18/18**



Quarter **SW 1/4** Section **33** Twnshp **137** Range **81**
 Planned Soil Mapunit / name component(s) **E0605A, E2203A, E4553B** Planned by: **CZ** Date: **10/18/18**
 Approved by: _____ Date: _____
 Conservation Tree & Shrub Group **5** Select MLRA **54**
 Type of Planting **New**
 Landuse **Farmstead** Program **None**
 Site Preparation **No-Till/Herbicide** Protected from livestock? **Yes**
 Site conditions at planting time: _____
 Spacing between rows: **12** feet
 Distance from Windward row to roads or bldgs.: **100** feet
(Minimum 200' on N & W, and 100' on S & E)
 Planted by: **RK-TK-MT-LB**
 Date: **5/21/19**
Remarks on site prep, conditions and management (Weed Control)
Fabric on all rows. Cottonwood and Blue spruce are growing well in yard now. DAPL USE ONLY, THIS PLAN DOES NOT CONTAIN ALL ROWS WHICH ARE SCHEDULED TO PLANT Fabric Installed 6-27-19

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by:		RWK				Date:	7-3-19		Certified By:					Date:
Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
A	275	250	20	0.11	1	Juniper, Rocky Mtn.			12	10	23	25	suitable	
A	275	250	20	0.11	3	Spruce, Blue			12	12	23	21	NR	
B	850	860	20	0.39	1	Juniper, Rocky Mtn.			12	10	71	86	suitable	
B	850	860	20	0.39	3	Spruce, Blue			12	12	71	72	NR	
C	360	330	20	0.15	1	Juniper, Rocky Mtn.			12	10	30	33	suitable	
C	360	330	20	0.15	3	Spruce, Blue			12	12	30	28	NR	
		2970	2880	120	1.32	Totals			248	265				

ND - NRCS

WESTERN ND - TREE AND SHRUB PLANTING WORKSHEET

ND-CPA-4, Rev. 03-2017

Name **Jesse Karabensh** Address **2238 Sunny Rd S Mandan, Nd 58554** Phone # **701-400-0735** Date: **2/20/19**

Plan Sketch Map Quarter **SW 1/4** Section **29** Twnshp **139** Range **81**

Planned Soil Mapunit / name component(s) **E4195A, E4205B** Planned by: **CZ** Date: **2/20/19**

Approved by: _____ Date: _____

Conservation Tree & Shrub Group **5** Select MLRA **54**

Type of Planting **New**

Landuse **Farmstead** Program **None**

Site Preparation **Tilled/Herbicide** Protected from livestock? **Yes**

Site conditions at planting time: _____

Spacing between rows: **14** feet

Distance from Windward row to roads or bldgs.: **60** feet
(Minimum 200' on N & W, and 100' on S & E)

Planted by: **RK-TK-OH-JB** Date: **5-30-19**

Remarks on site prep, conditions and management (Weed Control)

Producer said it is a private drive so we can plant closer to it. East side soil map is not E4205B, it is still E4195A. Fabric on all rows. DAPL USE ONLY, THIS PLAN DOES NOT CONTAIN ALL ROWS WHICH ARE SCHEDULED TO PLANT Fabric 6-18-19

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by:		RWK				Date:	Certiified By:								Date:
Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability	
A	435	385	20	0.18	1	Juniper, Rocky Mtn.			12	11	37	36	suitable		
													#VALUE!	#VALUE!	
													#VALUE!	#VALUE!	
		435	385	20	0.18	Totals			37	36					

ND - NRCS

WESTERN ND - TREE AND SHRUB PLANTING WORKSHEET

ND-CPA-4, Rev. 03-2017

Name **Urban Silbernagel** Address **PO Box 935 Mandan, ND 58554** Phone # **701-426-1002** Date: **12/12/18**



Quarter **SE 1/4** Section **10** Twnshp **137** Range **81**
 Planned Soil Mapunit / name component(s) **E2203B** Planned by: **CZ** Date: **12/12/18**
 Approved by: _____ Date: _____
 Conservation Tree & Shrub Group **3** Select MLRA **54**
 Type of Planting **New**
 Landuse **Wildlife** Program **None**
 Site Preparation **Tilled/Herbicide** Protected from livestock? **Yes**
 Site conditions at planting time: _____
 Spacing between rows: **14** feet
 Distance from Windward row to roads or bldgs.: **240** feet
 (Minimum 200' on N & W, and 100' on S & E)
 Planted by: **RK-TK-OH-JB**
 Date: **5/30/19**

Remarks on site prep, conditions and management (Weed Control) _____
 Fabric on all rows. DAPL USE ONLY, THIS PLAN DOES NOT CONTAIN ALL ROWS WHICH ARE SCHEDULED TO PLANT Fabric 6-26-19

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: **RWK** Date: **6-28-19** Certified By: _____ Date: _____

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
A	275	250	20	0.11	6	Spruce, Blue			12	11	23	23	suitable	

275	250	20	0.11	Totals				23	23
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ND - NRCS

WESTERN ND - TREE AND SHRUB PLANTING WORKSHEET

ND-CPA-4, Rev. 03-2017

Name **Keith Boehm** Address **2752 34th St. Mandan ND** Phone # **701-425-1520** Date: **12-/6/18**



Quarter **NW 1/4** Section **28** Twnshp **140** Range **82**
 Planned Soil Mapunit / name component(s) **E0651B, E2737C, E0623B** Planned by: **CZ** Date: **12/6/18**
 Approved by: _____ Date: _____
 Conservation Tree & Shrub Group **4C** Select MLRA **54**
 Type of Planting **New**
 Landuse **Farmstead** Program **None**
 Site Preparation **Tilled/Herbicide** Protected from livestock? **Yes**
 Site conditions at planting time: _____
 Spacing between rows: **14** feet
 Distance from Windward row to roads or bldgs.: **100** feet
(Minimum 200' on N & W, and 100' on S & E)
 Planted by: **RK-TK-MT-LB**
 Date: **5/17/19**
Remarks on site prep, conditions and management (Weed Control)
 Fabric only on Ponderosa. Row B split half way with crabapple and Juneberry. DAPL USE ONLY, THIS PLAN DOES NOT CONTAIN ALL ROWS WHICH ARE SCHEDULED TO PLANT Fabric installed 6/19/19

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by:		RWK				Date:	Certified By:								Date:
Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability	
A	575	540	20	0.25	1	Pine, Ponderosa			12	12.5	48	43	NR		
		575	540	20	0.25	Totals			48		43				

ND - NRCS

WESTERN ND - TREE AND SHRUB PLANTING WORKSHEET

ND-CPA-4, Rev. 03-2017

Name Jendy Boehm's Tractor Repa Address 3345 35th Ave Mandan, ND 58554 Phone # 701-226-5192 Date: 10/30/18

Plan Sketch Map

Quarter SE 1/4 Section 19 Twndshp 140 Range 83

Planned Soil Mapunit / name component(s) E2601C, E2801A, E3625B Planned by: CZ Date: 10/30/18

Approved by: _____ Date: _____

Conservation Tree & Shrub Group 6D Select MLRA 54

Type of Planting New

Landuse Farmstead Program None

Site Preparation Tilled/Herbicide Protected from livestock? Yes

Site conditions at planting time: _____

Spacing between rows: 15 feet

Distance from Windward row to roads or bldgs.: >100 feet
(Minimum 200' on N & W, and 100' on S & E)

Planted by: RK-TK-MT-LB Date: 5/16/19

Remarks on site prep, conditions and management (Weed Control) Fabric on all rows except lilacs. Blue spruce is growing well on the property already. DAPL USE ONLY, THIS PLAN DOES NOT CONTAIN ALL ROWS WHICH ARE SCHEDULED TO PLANT Fabric installed 6/14/19.

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by:		<u>RWK</u>				Date:	<u>6-28-19</u>	Certified By:					Date:	
Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
A	625	280	17.5	0.11		Spruce, Blue			20	20	32	14	NR	
A	625	460	17.5	0.18	3	Pine, Ponderosa			20	20	32	24	suitable	
B	110	210	17.5	0.08		Pine, Ponderosa			20	20	6	11	suitable	
B	110	240	17.5	0.10		Spruce, Blue			20	20	6	13	NR	
Totals													76	62

ND - NRCS

WESTERN ND - TREE AND SHRUB PLANTING WORKSHEET

ND-CPA-4, Rev. 03-2017

Name **Paul Govig** Address **3456 Gallatin Drive Bismarck, ND 58504** Phone # **701-224-9038/ Cell: 701-137-8528** Date: **11/20/18**

Plan Sketch Map

Quarter **NW 1/4** Section **28** Twnshp **137** Range **85**

Planned Soil Mapunit / name component(s) **E4161A** Planned by: **CZ** Date: **11/20/18**

Conservation Tree & Shrub Group **1** Select MLRA **54**

Type of Planting **New**

Landuse **Wildlife** Program **None**

Site Preparation **Fallow** Protected from livestock? **Yes**

Spacing between rows: **12** feet Site conditions at planting time:

Distance from Windward row to roads or bldgs.: **100** feet
(Minimum 200' on N & W, and 100' on S & E)

Planted by: **RWK,TK,OH,JB** Date: **5-30-19**

Remarks on site prep, conditions and management (Weed Control)

Fabric on all rows. DAPL USE ONLY, THIS PLAN DOES NOT CONTAIN ALL ROWS WHICH ARE SCHEDULED TO PLANT Fabric installed 7-2-19

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by:		RWK				Date:	7-3-19		Certified By:					Date:
Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
A	160	115	16	0.04	1	Juniper, Rocky Mtn.		Redcedar, Eastern	10	8	16	14	suitable	suitable
A	200	160	16	0.06	2	Juniper, Rocky Mtn.		Redcedar, Eastern	10	10	20	14	suitable	suitable
A	130	93	16	0.03	4	Pine, Ponderosa			16	16	9	8	suitable	
A	270	275	16	0.10	5	Oak, Bur			12	12	23	22	suitable	
A	160	250	20	0.11	8	Hackberry	Common		10	10	16	24	suitable	
Totals													84	82

Settlement Agreement Tree Replacement Effort 2019 for Dakota Access
Pipeline Project

Emmons County

Soil Conservation District Contact: Rhonda Kelsch

701-254-4653 Rhonda.Kelsch@nd.nacdnet.net

Landowner	# of Trees Planted	Planting Date
Bruce Homer	1016	5/06/2019
Philip Humann	553	5/10/2019
Tyrell Kalberer	1486	5/09/2019
Myron Rodstad	1450	5/07/2019
Brian Scherr	1118	6/11/2019
Byrce Weber	1781	5/31/2019
Justin Weigel	234	6/05/2019
Randy Weigel	2067	6/10/2019
Steven Weigel	137	6/10/2019
Carlyle Will	1356	6/24/2019
Kenny Wolbaum	1562	5/20/2019
Total	12,760	

Name Philip Humann Address PO Box 328 Hazelton, ND 58544 Phone # 701-782-6275 Date: 7/23/18

Quarter NW 1/4 Section 25 Twnshp 135 Range 76

Planned Soil Mapunit / name component(s) C730A Planned by: Josh Odden Date: 7/23/18

Approved by: Date:

Conservation Tree & Shrub Group 1 Select MLRA 53B

Type of Planting New

Landuse Farmstead Program ND - OHF

Site Preparation Tilled/Herbicide Protected from livestock? Yes

Site conditions at planting time:

Spacing between rows: 18 feet

Distance from Windward row to roads or bldgs.: 200 feet

(Minimum 200' on N & W, and 100' on S & E) Planted by: [Signature]

Remarks on site prep, conditions and management (Weed Control) Date: 5/18/19

Will till rows this fall and spring prior to planting. 2 rows added to existing trees around farmstead



This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications. (circle one)

Checkout by: [Signature] Date: 2/15/19 Certified By: [Signature] Date:

Table with 16 columns: Planting No., Planned Length, Planted Length, Planned Width, Acres, Row #, Primary Species of Tree or Shrub, Type or Variety, Alternating Species, Planned Spacing in row, Row Spacing (installed), Number Planned (est), Number Planted (installed), Primary Species / CTSG Suitability, Alternating Species / CTSG Suitability. Contains 4 rows of data for planting.

Totals 4600 76 2.01 576 553

4980

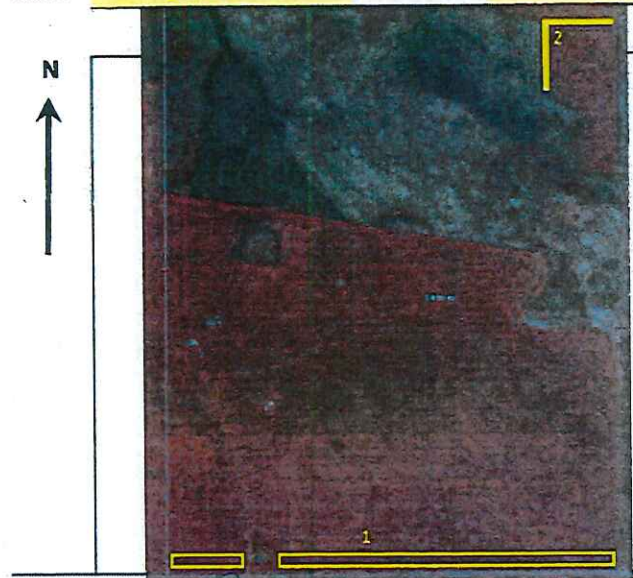
46° 28' 50.44" N 100° 11' 09.61" W

ND - NRCS

WESTERN ND - TREE AND SHRUB PLANTING WORKSHEET

ND-CPA-4, Rev. 03-2017

Name Brian Scherr Address 215 Airport Rd Bismarck, ND Phone # 701-220-6498 Date: 12/14/17



Quarter SW 1/4 Section 33 Twnshp 132 Range 78
 Planned Soil Mapunit / name component(s) E0617B/ E3753B Planned by: Josh Odden Date:
 Approved by: Date:
 Conservation Tree & Shrub Group 6D Select MLRA 53B
 Type of Planting New
 Landuse Wildlife Program ND - OHF
 Site Preparation Tilled/Herbicide Protected from livestock? Yes
 Site conditions at planting time:

Spacing between rows: 15 feet
 Distance from Windward row to roads or bldgs.: 200 feet
 (Minimum 200' on N & W, and 100' on S & E) Planted by: RK+LB

Remarks on site prep, conditions and management (Weed Control) Date: 6/11/19
 Trees to be planted in cropland. Planting 1 - Leave 100' gap for overhead line easement.
Planting 1 Row 1-4 DAPL

This practice installation **MEETS / DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: [Signature] Date: 7/15/19 Certified By: [Signature] Date:

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	2400	<u>2400</u>	17.5	0.96	1	Juniper, Rocky Mtn.			8		300	<u>305</u>	suitable	
1	2400	<u>2400</u>	15	0.83	2	Redcedar, Eastern			8		300	<u>305</u>	suitable	
1	2400	<u>2400</u>	15	0.83	3	Pine, Ponderosa			12		200	<u>203</u>	suitable	
1	2400	<u>2400</u>	15	0.83	4	Redcedar, Eastern			8		300	<u>305</u>	suitable	
1	2400	<u>2400</u>	17.5	0.96	5	Plum, American		<u>-op</u>	10		240		suitable	<u>-op</u>
2	725	 	17.5	0.29	1	Juniper, Rocky Mtn.			8		91		suitable	
2	725	 	15	0.25	2	Redcedar, Eastern			8		91		suitable	
2	725	 	15	0.25	3	Pine, Ponderosa			12		61		suitable	
2	725	 	15	0.25	4	Redcedar, Eastern			8		91		suitable	
2	725	 	17.5	0.29	5	Plum, American			10		73		suitable	<u>-op</u>

15625 12.327 160 5.74 **Totals** 1747 1118

9760 DAPL, 41°12'13.36" N 110°27'20.44" W

Name Randy Weigel Address 1980 Hwy 34 SE, Kintyre, ND 58549 Phone # 701-321-1223 Date: _____

Quarter NE 1/4 Section 30 Township 135 Range 74

Planned Soil Mapunit / name component(s) _____ Planned by: _____ Date: _____

Approved by: _____ Date: _____

Conservation Tree & Shrub Group 6D Select MLRA 53B

Type of Planting _____ Landuse _____ Program _____

Site Preparation _____ Protected from livestock? Yes

Site conditions at planting time: _____

Spacing between rows: 14 feet

Distance from Windward row to roads or bldgs.: _____ feet

(Minimum 200' on N & W, and 100' on S & E)

Planted by: RW + LR

Remarks on site prep, conditions and management (Weed Control) _____ Date: 6/10/19

Planting 4 runs North + South
Planting 3 runs east + west



This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: R Nelson Date: 7/15/19 Certified By: R Nelson Date: _____

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
4	1725	1550	17	0.67		Juniper, Rocky Mtn.			8		216	193	suitable	
4	1725	1550	14	0.55		Pine, Ponderosa			12		144	129	suitable	
4	1725	1550	14	0.55		Pine, Ponderosa			12		144	129	suitable	
4	1725	1530	14	0.55		Redcedar, Eastern			8		216	191	suitable	
4	1725	1536	17	0.67		Juniper, Rocky Mtn.			8		216	190	suitable	
3	1770	1635	17	0.69		Juniper, Rocky Mtn.			8		222	204	suitable	
3	1770	1635	14	0.57		Pine, Ponderosa			12		148	136	suitable	
3	1770	1783	14	0.57		Pine, Ponderosa			12		148	148	suitable	
3	1770	1783	14	0.57		Redcedar, Eastern			8		222	222	suitable	
3	1770	1783	17	0.69		Juniper, Rocky Mtn.			8		222	222	suitable	

17475 116-925 152 6.10 **Totals** 1898 1764 WEST - TREEPLAN

ND - CS

WESTERN ND - TREE AND SHRUB PLANTING WORKSHEET

ND-CPA-4, 13-2017

Name Steven Weigel

Address

Phone # 701-321-3224

Date: 7/10/18

Quarter SE 1/4

Section 30

Township 74

Range 135

Planned Soil Mapunit / name component(s)

Planned by: Josh Odden

Date:

E2607B / E3751A

Approved by:

Date:

Conservation Tree & Shrub Group 6D

Select MLRA 54

Type of Planting New

Landuse Farmstead

Program ND - OHF

Site Preparation Tilled/Herbicide

Protected from livestock? Yes

Site conditions at planting time:

Spacing between rows: 15 feet

Distance from Windward row to roads or bldgs.:

200 feet

(Minimum 200' on N & W, and 100' on S & E)

Planted by: RK

Remarks on site prep, conditions and management (Weed Control)

Date: 6/10/19

Steven wants to plant spruce trees, since the adjacent mature spruce trees have done very well. They are listed as not suitable for the soil, attached is a photo showing the existing north/south shelterbelt. Emmons county District Conservationalist has reviewed and determined that it is suitable to plant Spruce trees.

This practice installation MEETS / DOES NOT MEET the ND FOTG standards and specifications. (circle one)

Checkout by: RKelsch

Date: 7/15/19

Certified By: RKelsch

Date:

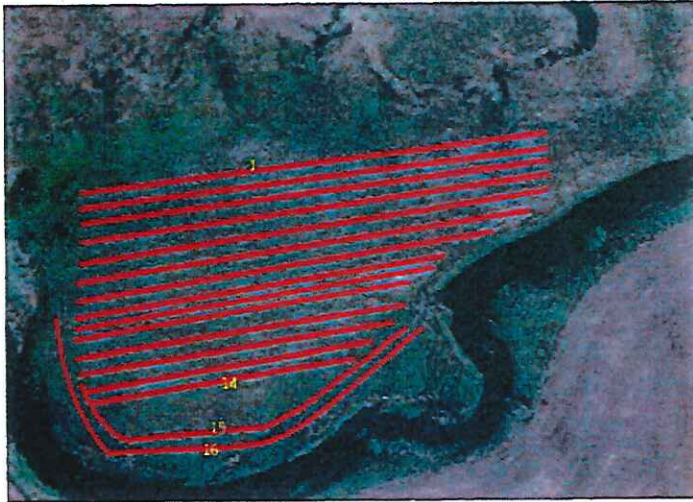
Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	500		17.5	0.20	1	Juniper, Rocky Mtn.			8		36	16	suitable	
1	500	232	15	0.17	2	Spruce, Black Hills			14		36	16	NR	
1	500	332	15	0.17	3	Pine, Ponderosa			14		36	16	suitable	
1	500		17.5	0.20	4	Pine, Ponderosa			14		36		suitable	
2	275	319	17.5	0.11	1	Juniper, Rocky Mtn.			8		35	39	suitable	
2	275	319	15	0.09	2	Spruce, Black Hills			14		20	22	NR	
2	275	319	15	0.09	3	Pine, Ponderosa			14		20	22	suitable	
2	275	319	17.5	0.11	4	Pine, Ponderosa			14		20	22	suitable	

3100	1740	130	1.16	Totals				266	137
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46° 28' 25" N 100° 21' 24" W

Name Kerry Wolbaum Address _____ Phone # 701-269-7886 Date: 8/20/18

Plan Sketch Map



Quarter SE 1/4 Section 13 Twnshp 136 Range 76

Planned Soil Mapunit / name component(s) _____ Planned by: Josh Odden Date: _____

E4165A Approved by: _____ Date: _____

Conservation Tree & Shrub Group 1 Select MLRA 53B

Type of Planting New

Landuse Wildlife Program _____

Site Preparation Other (describe in Remarks) Protected from livestock? Yes

Site conditions at planting time: _____

Spacing between rows: 15 feet

Distance from Windward row to roads or bldgs.: 200 feet

(Minimum 200' on N & W, and 100' on S & E) Planted by: R. Wolbach

Remarks on site prep, conditions and management (Weed Control) Date: 5/20/19

Site will be mowed fall 2018. Pipeline mitigation

This practice installation **MEETS** / **DOES NOT MEET** the ND POTG standards and specifications. (circle one)

Checkout by: R. Wolbach Date: 7/15/19 Certified By: Ronda Wolbach Date: _____

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	486	486	17.5	0.20	1	Juniper, Rocky Mtn.			8		61	61	suitable	
1	486	486	15	0.17	2	Redcedar, Eastern			8		61	61	suitable	
1	486	486	15	0.17	3	Spruce, Black Hills			14		35	35	suitable	
1	486	486	15	0.17	4	Spruce, Black Hills			14		35	35	suitable	
1	486	486	15	0.17	5	Pine, Ponderosa			14		35	35	suitable	
1	450	450	15	0.15	6	Pine, Ponderosa			14		33	33	suitable	
1	425	425	15	0.15	7	Cottonwood	Siouxland		12		36	36	suitable	
1	425	425	15	0.15	8	Cottonwood	Siouxland		12		36	36	suitable	
1	400	400	15	0.14	9	Ash, Green			12		34	34	suitable	
1	400	400	15	0.14	10	Oak, Bur			12		34	34	suitable	
1	375	375	15	0.13	11	Boxelder			12		32	02	suitable	
1	375	375	15	0.13	12	Spruce, Blue			14		27	27	suitable	
1	350	350	15	0.12	13	Redcedar, Eastern			8		44	44	suitable	
1	350	350	15	0.12	14	Juniper, Rocky Mtn.			8		44	44	suitable	
1	600	600	15	0.21	15	Maple, Amur			8		75	75	suitable	
1	600	600	17.5	0.24	16	Maple, Amur			8		75	75	suitable	

7180	7180	245	2.53	Totals				697	697
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46°35'57.67" N 100°10'48.21" W

Name Kenry Wolbaum

Address _____

Phone # 701-269-7886

Date: 8/20/18



Quarter SE 1/4 Section 13 Twnshp 136 Range 76

Planned Soil Mapunit / name component(s) _____ Planned by: Josh Odden Date: _____

E4165A Approved by: _____ Date: _____

Conservation Tree & Shrub Group 1 Select MLRA 53B

Type of Planting New

Landuse Wildlife Program _____

Site Preparation Other (describe in Remarks) Protected from livestock? Yes

Site conditions at planting time: _____

Spacing between rows: 15 feet

Distance from Windward row to roads or bldgs.: 200 feet

(Minimum 200' on N & W, and 100' on S & E) Planted by: _____

Remarks on site prep, conditions and management (Weed Control) Date: _____

Site will be mowed fall 2018. Pipeline mitigation. SE PLANTING PG.1 Rows 1-16

This practice installation **MEETS** / **DOES NOT MEET** the ND FOTG standards and specifications. (circle one)

Checkout by: _____ Date: _____

Certified By: _____ Date: _____

Planting No.	Planned Length	Planted Length	Planned Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Planned Spacing in row	Row Spacing (installed)	Number Planned (est)	Number Planted (installed)	Primary Specie / CTSG Suitability	Alternating Specie / CTSG Suitability
1	375	375	17.5	0.15	1	Juniper, Rocky Mtn.			8		47	47	suitable	
1	400	400	15	0.14	2	Redcedar, Eastern			8		50	50	suitable	
1	425	425	15	0.15	3	Spruce, Black Hills			14		31	31	suitable	
1	472	470	15	0.16	4	Spruce, Black Hills			14		34	34	suitable	
1	472	470	15	0.16	5	Pine, Ponderosa			14		34	34	suitable	
1	472	470	15	0.16	6	Pine, Ponderosa			14		34	34	suitable	
1	472	470	15	0.16	7	Cottonwood	Siouxland		12		40	40	suitable	
1	472	470	15	0.16	8	Cottonwood	Siouxland		12		40	40	suitable	
1	450	450	15	0.15	9	Ash, Green			12		38	38	suitable	
1	450	450	15	0.15	10	Oak, Bur			12		38	38	suitable	
1	425	425	15	0.15	11	Boxelder			12		36	36	suitable	
1	425	425	15	0.15	12	Spruce, Blue			14		31	31	suitable	
1	400	400	15	0.14	13	Redcedar, Eastern			8		50	50	suitable	
1	400	400	15	0.14	14	Juniper, Rocky Mtn.			8		50	50	suitable	
1	375	375	15	0.13	15	Maple, Amur			8		47	47	suitable	
1	375	375	17.5	0.15	16	Maple, Amur			8		47	47	suitable	

6860	6840	245	2.41	Totals				647	647
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46°35'29.10" N 100°10'24.67" W



