

Enbridge Pipelines (North Dakota) LLC  
119 N. 25<sup>th</sup> Street East  
Superior, WI 54880  
Tel 715 394 1400  
Fax 715 394 1570  
[www.enbridgepartners.com](http://www.enbridgepartners.com)



March 13, 2009

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

Re: Enbridge Pipelines (North Dakota) LLC  
Trenton to Beaver Lodge Pipeline (PU-06-330)

Dear Mr. Nitscheke:

The purpose of this letter is to request the Public Service Commission's approval of the attached "Tree and Shrub Replacement Plan" as it pertains to Item 9 of Enbridge's approved Tree and Shrub Restoration Plan. Item 9 states:

*"Prior to tree/shrub replacement, documentation identifying the number and variety of trees removed as well as the mitigation plan for the proposed number, variety, type, location and date of replacement plantings shall be filed with the North Dakota Public Service Commission (NSPSC) for approval."*

The Williams County Soil Conservation District (WCSCD) prepared the attached replacement plan through coordination with all landowners identified within the plan. All landowners affected by the Trenton to Beaver Lodge Pipeline who have requested trees and shrubs be replaced on their property would be fully compensated according to the attached replacement plan. Where landowners have elected to donate a portion of or all of the trees and shrubs removed from their property, alternative replacement sites have been identified and a sufficient number of trees and shrubs will be replaced. For your reference, 10,624 trees and shrubs were removed during the construction project referenced above, 257 trees and shrubs were planted in 2008, and 21,378 trees and shrubs would be planted according to the attached replacement plan.

The North Dakota State Forester has reviewed and approved the attached replacement plan. The WCSCD proposed to begin ground preparation and plantings in spring 2009 as soon as ground conditions allow.

If you have questions or require further information, please contact Jeff Mackenthun of Merjent, Inc., Enbridge's environmental consultant, at (612) 746-3668, or me at (715) 394-1572. Thank you for your continued assistance on this project.

Sincerely,  
Enbridge Pipelines (North Dakota) LLC

A handwritten signature in black ink that reads "Kris Benson".

Kris Benson  
Environmental Analyst II, CHMM

cc: Jeff Mackenthun, Merjent, Inc.

Attachment



Enbridge Pipelines (North Dakota) LLC

Phase 5 Expansion Project

## TREE & SHRUB REPLACEMENT PLAN

North Dakota Public Service Commission

Case No. PU-06-330



**Williams County Soil Conservation District**

1106 West Second Street  
Williston, ND 58801  
Telephone 701-572-6729 Ext 101



January 27, 2009

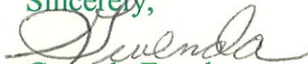
Dear Larry,

Enclosed are the tree plans for the grant from Enbridge Oil. They granted Williams County producers two trees for every one they took out with the pipeline Enbridge installed across Williams County. One of their specifications was that the North Dakota State Forester has to sign off on the plans.

These plans are for the spring planting 2009. To the best of my ability these plans follow NRCS specs. If you could sign somewhere on the Cons 4 (Tree and shrub Planting Worksheet) and return them to me, I will submit them to Enbridge for final approval in plenty of time for planting.

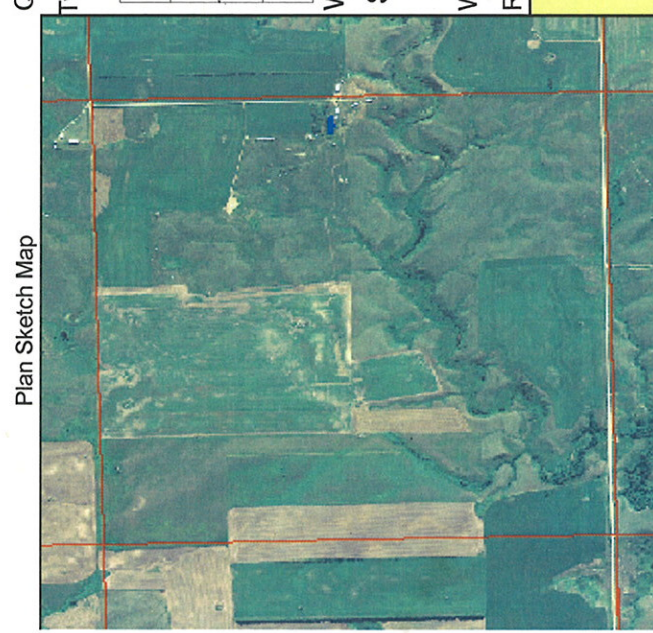
Thank you so much. Please call me at 701-572-6729 ext 116 if you have any questions.

Sincerely,

  
Gwenda Freed  
District Technician

**CONSERVATION . DEVELOPMENT . SELF-GOVERNMENT**

Name **LaVerne Kerbaugh** Address **PO Box 999, Tioga, North Dakota 58852** Phone # **664-3893 or 66** Plan by **gf** 22-Dec-08  
 Quarter **NE 1/4** Section **34** Plan approved by: *Larry Johnson*  
 Township **156** Range **96** Date: **12/22/2008** State *Treeter*



Plan Sketch Map

Farmstead  <--Type of Planting-->  New  NA  
 Fallow  <--Site Preparation  <--Cost share Program  
 <--Site protected from livestock?  
 <--Condition of site at planting time  
 Windward row to roads or bldgs.->  feet (200'on N & W, and 100' on S & E)  
 Spacing between rows **16** feet  
 Soil Mapping Unit **2014**  WILLIAMS  
 Windbreak Suitability Group **3**  1  8 Planted by:   
 Remarks / Management (Weed Control) Date:

Field No.	Planned Length	Planted Length	Planted Width	Planted 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	Compatibility
1	100	18	0.04	1	Pine, Ponderosa			12	8	0	suitable	0	0	compatible
2	100	16	0.04	2	Chokecherry, comm			4	25	0	suitable	0	0	compatible
3	100	16	0.04	3	Pine, Ponderosa			12	8	0	suitable	0	0	compatible
4	100	18	0.04	4	Juneberry			4	25	0	suitable	0	0	compatible
5		0	0.00	5					0	0	0	0	0	compatible
6		0	0.00	6					0	0	0	0	0	compatible
7		0	0.00	7					0	0	0	0	0	compatible
8		0	0.00	8					0	0	0	0	0	compatible
9		0	0.00	9					0	0	0	0	0	compatible
10		0	0.00	10					0	0	0	0	0	compatible
11		0	0.00	11					0	0	0	0	0	compatible
12		0	0.00	12					0	0	0	0	0	compatible
13		0	0.00	13					0	0	0	0	0	compatible
14		0	0.00	14					0	0	0	0	0	compatible
15		0	0.00	15					0	0	0	0	0	compatible
16		0	0.00	16					0	0	0	0	0	compatible
<Totals>										67	0	0	0	0



**Legend**

-  Practices (lines)
-  Kerbaugh
-  Divide PLSS
-  Williams PLSS



TREE AND SHRUB PLANTING WORKSHEET

Williams County, ND

Name Royce Aslakson

Address PO Box 338, Parshall, ND 58770

Phone # 862-3115 or 86

Plan by gf

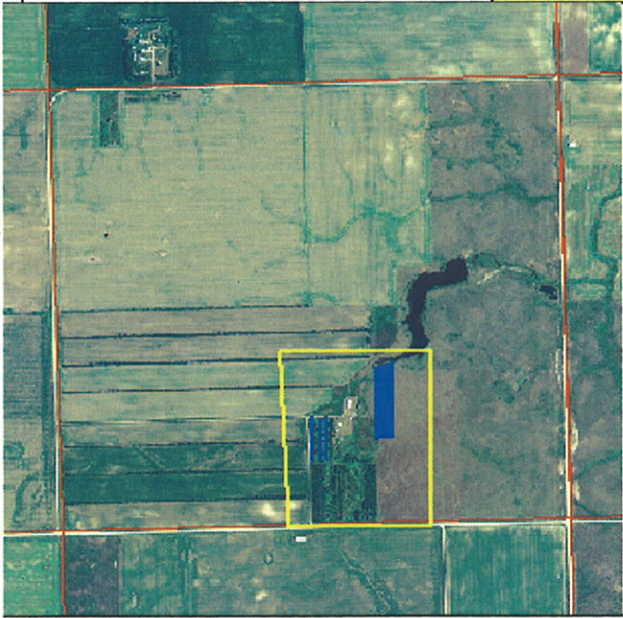
22-Jan-09

Plan Sketch Map

Quarter SW 1/4

Section 34

Plan approved by:



Township 156

Range 97

Date: 10/20/2008

*Jamy Toftman*  
State Forester

Farmstead  <-- Type of Planting-->  New  NA  
 Not Followed  <-- Site Preparation  <-- Cost share Program  
 <-- Site protected from livestock?  
 <-- Condition of site at planting time

Windward row to roads or bldgs.-> 16 feet (200' on N & W, and 100' on S & E)

Spacing between rows 16 feet

Soil Mapping Unit 2170 DIVIDE

Windbreak Suitability Groups 1K 1K 6G Planted by:

Remarks / Management (Weed Control) Date:

2800 feet big trees and 3200 feet shrubs

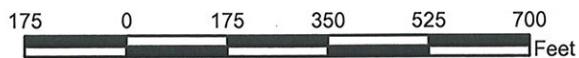
Field No.	Planned Length	Planted Length	Planted Width	Planted Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Number		Primary Specie	Alternating Specie	Suitability	Compatibility	
									Spacing in row	Planted (est)					
500	18	0.21	1	Caragana	▼			6	83	0	suitable	0	compatible		
400	16	0.15	2	Cottonwood	▼			12	33	0	suitable	0	compatible		
300	16	0.11	3	Buffaloberry	▼			6	50	0	suitable	0	compatible		
800	16	0.29	4	Lilac, Common	▼			4	200	0	suitable	0	compatible		
800	16	0.29	5	Juniper, Rocky Mtn.	▼			12	67	0	suitable	0	compatible		
800	16	0.29	6	Pine, Ponderosa	▼			12	67	0	suitable	0	compatible		
800	16	0.29	7	Pine, Ponderosa	▼			12	67	0	suitable	0	compatible		
800	16	0.29	8	Caragana	▼			6	133	0	suitable	0	compatible		
800	18	0.33	9	Buffaloberry	▼			6	133	0	suitable	0	compatible		
	0	0.00	10		▼			0	0	0	0	0	compatible		
	0	0.00	11		▼			0	0	0	0	0	compatible		
	0	0.00	12		▼			0	0	0	0	0	compatible		
	0	0.00	13		▼			0	0	0	0	0	compatible		
	0	0.00	14		▼			0	0	0	0	0	compatible		
	0	0.00	15		▼			0	0	0	0	0	compatible		
	0	0.00	16		▼			0	0	0	0	0	compatible		
6000	0	148	2.26	<Totals>										833	0

833



**Legend**

-  Practices (lines)
-  Royce Aslakson
-  Williams PLSS



TREE AND SHRUB PLANTING WORKSHEET

Williams County, ND

Name Mark Westphal

Address 6020 128th Ave NW, Epping, ND 58843

Phone # 859-3451

Plan by gf 22-Sep-08

*Jamy Bottom*  
*State Trust*

Plan Sketch Map



Quarter NE 1/4  
Township 155

Section 5  
Range 99

Plan approved by: Date:

<--Type of Planting-->  NA  
 <--Site Preparation <--Cost share Program  
 <--Site protected from livestock?  
 <--Condition of site at planting time  
 Windward row to roads or bldgs.->  feet (200' on N & W, and 100' on S & E)  
 Spacing between rows  feet  
 Soil Mapping Unit 2032  WILLIAMS  
 Windbreak Suitability Group 3 8 1 Planted by:   
 Remarks / Management (Weed Control) Date:

Field No.	Planned Length	Planted Length	Planted Width	Planted 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	Primary Suitability	Alternating Specie	Alternating Suitability	Compatibility
11507	0	0	20	5.28	1	Pine, Ponderosa			12	959	0	suitable	0	compatible	0	compatible
			0	0.00	2					0	0		0	compatible	0	compatible
			0	0.00	3					0	0		0	compatible	0	compatible
			0	0.00	4					0	0		0	compatible	0	compatible
			0	0.00	5					0	0		0	compatible	0	compatible
			0	0.00	6					0	0		0	compatible	0	compatible
			0	0.00	7					0	0		0	compatible	0	compatible
			0	0.00	8					0	0		0	compatible	0	compatible
			0	0.00	9					0	0		0	compatible	0	compatible
			0	0.00	10					0	0		0	compatible	0	compatible
			0	0.00	11					0	0		0	compatible	0	compatible
			0	0.00	12					0	0		0	compatible	0	compatible
			0	0.00	13					0	0		0	compatible	0	compatible
			0	0.00	14					0	0		0	compatible	0	compatible
			0	0.00	15					0	0		0	compatible	0	compatible
			0	0.00	16					0	0		0	compatible	0	compatible
11507	0	0	20	5.28						959	0		0		0	compatible

<Totals>

959

# Mark Westphal

Agency: Williams County Soil Conservation District

5-155-99



## Legend

- Practices (lines)
- Mark Westphal
- Williams PLSS



Name Brian Rieder

Address 5825 137th Ave NW, Williston, North Dakota 58801

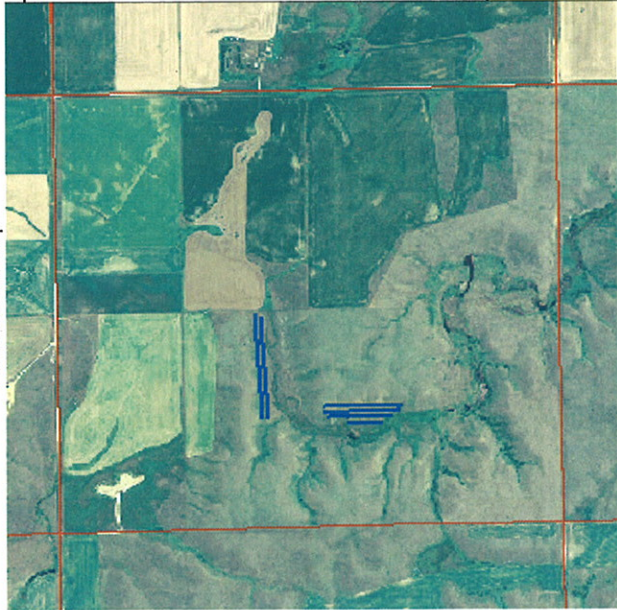
Phone # 572-8555

Plan by gf

22-Jan-09

*Jerry Johnson*  
State Forester

Plan Sketch Map



Quarter SW 1/4

Section 9

Plan approved by:

Township 155

Range 101

Date: 01/12/2009

Field  Type of Planting--> New  NA

Not Fallowed  <--Site Preparation None  <-Cost share Program

<--Site protected from livestock?

<--Condition of site at planting time

Windward row to roads or bldgs.--> 16 feet (200'on N & W, and 100' on S & E)

Spacing between rows 16 feet

Soil Mapping Unit 2015 WILLIAMS

Windbreak Suitability Group 3 1 8 Planted by:

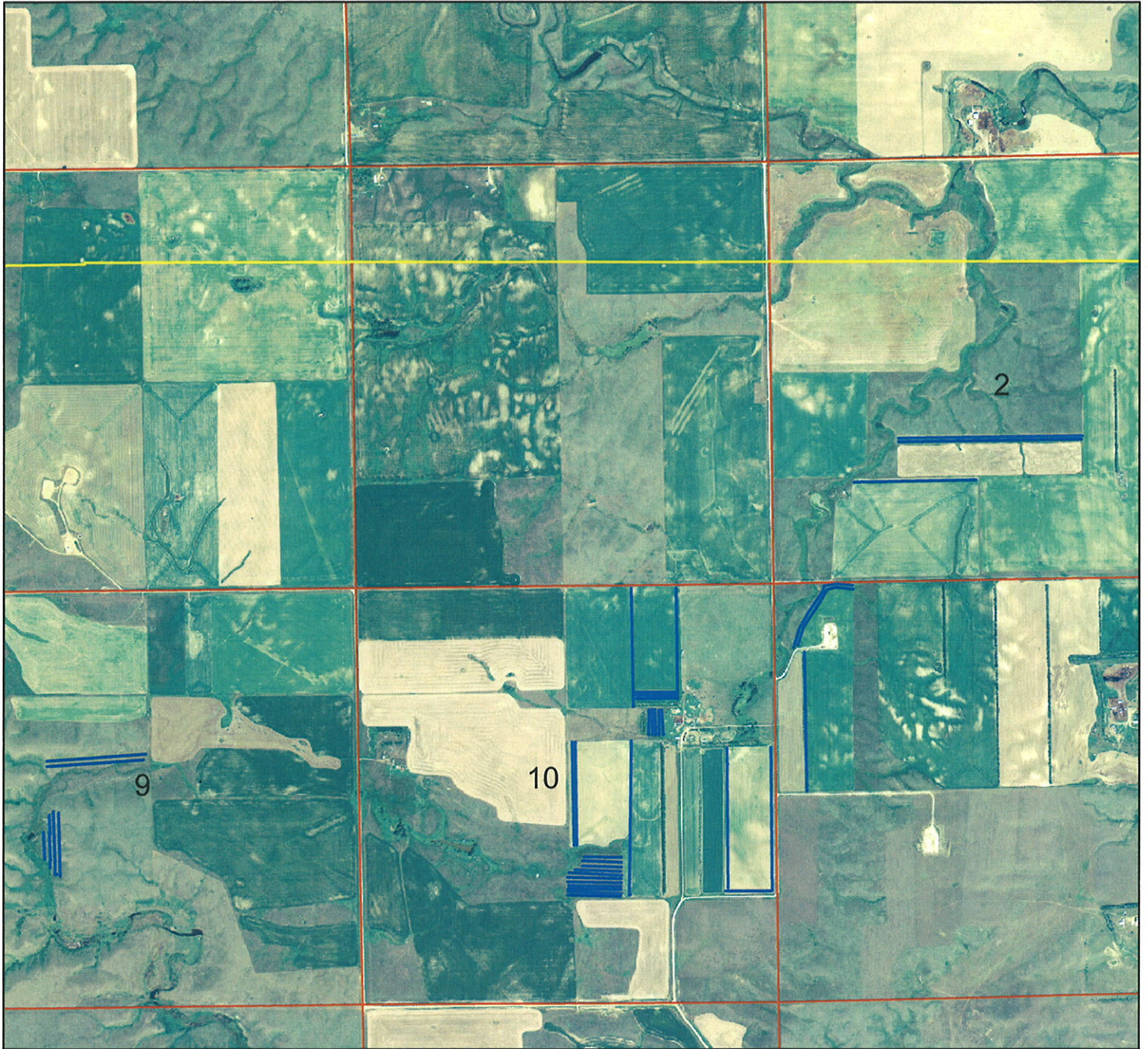
Remarks / Management (Weed Control) Date:

1 of 6 pages  
1880 feet big trees and 2800 shrubs

Field No.	Planned Length	Planted Length	Planted Width	Planted Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Species	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Species Suitability	Alternating Species Suitability	Compatibility
1200	18	0.50	1	Crabapple, species	▼		6	200	0	suitable	0	compatible	compatible	
1200	16	0.44	2	Juniper, Rocky Mtn.	▼		12	100	0	suitable	0	compatible	compatible	
400	16	0.15	3	Buffaloberry	▼		6	67	0	suitable	0	compatible	compatible	
600	16	0.22	4	Plum, American	▼		4	150	0	suitable	0	compatible	compatible	
600	16	0.22	5	Crabapple, species	▼		6	100	0	suitable	0	compatible	compatible	
600	18	0.25	6	Hackberry	▼		10	60	0	suitable	0	compatible	compatible	
0	0	0.00	7		▼			0	0	0	0	compatible	compatible	
0	0	0.00	8		▼			0	0	0	0	compatible	compatible	
0	0	0.00	9		▼			0	0	0	0	compatible	compatible	
0	0	0.00	10		▼			0	0	0	0	compatible	compatible	
0	0	0.00	11		▼			0	0	0	0	compatible	compatible	
0	0	0.00	12		▼			0	0	0	0	compatible	compatible	
0	0	0.00	13		▼			0	0	0	0	compatible	compatible	
0	0	0.00	14		▼			0	0	0	0	compatible	compatible	
0	0	0.00	15		▼			0	0	0	0	compatible	compatible	
0	0	0.00	16		▼			0	0	0	0	compatible	compatible	
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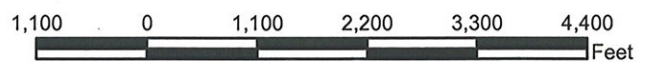
677

# 155-101






### Legend

-  Practices (lines)
-  Brian Reider
-  Divide PLSS
-  Williams PLSS





**Legend**

-  Practices (lines)
-  Brian Reider
-  Williams PLSS



Name **Brian Rieder** Address **5825 137th Ave NW, Williston, North Dakota** Phone # **572-8555** Plan by **gf** Date: **26-Jan-09**  
 Quarter **NE 1/4** Section **10** Plan approved by: *Jamy Kottler*  
 Twship. **155** Range **101** Date: **01/12/2009** *Salt. Forest*

Plan Sketch Map



Field  Type of Planting-->  New  NA  
 <--Site Preparation  None  <-Cost share Program  
 <--Site protected from livestock?  
 <--Condition of site at planting time

Windward row to roads or bldgs.-> **16** feet (200'on N & W, and 100' on S & E)

Spacing between rows **16** feet

Soil Mapping Unit **2015 WILLIAMS**

Windbreak Suitability Groups **3** **1** **8** Planted by:

Remarks / Management (Weed Control) Date:

2 of 6 pages  
 4900 feet big trees and 1100 feet shrubs

Field No.	Planned Length	Planted Length	Planted Width	Planted Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Species	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Species	Alternating Species	Suitability	Compatibility
1250	18	0.52	1	Ash, Green	▼			12	104	0	suitable	0	compatible		
500	16	0.18	2	Plum, American	▼			4	125	0	suitable	0	compatible		
500	16	0.18	3	Pine, Ponderosa	▼			12	42	0	suitable	0	compatible		
500	16	0.18	4	Ash, Green	▼			12	42	0	suitable	0	compatible		
1250	16	0.46	5	Pine, Ponderosa	▼			12	104	0	suitable	0	compatible		
300	16	0.11	6	Pine, Ponderosa	▼			12	25	0	suitable	0	compatible		
300	16	0.11	7	Juniper, Rocky Mtn.	▼			6	50	0	suitable	0	compatible		
300	16	0.11	8	Larch, Siberian	▼			12	25	0	suitable	0	compatible		
300	16	0.11	9	Juneberry	▼			4	75	0	suitable	0	compatible		
300	18	0.12	10	Currant, Golden	▼			4	75	0	suitable	0	compatible		
	0	0.00	11		▼				0	0	0	0	compatible		
	0	0.00	12		▼				0	0	0	0	compatible		
	0	0.00	13		▼				0	0	0	0	compatible		
	0	0.00	14		▼				0	0	0	0	compatible		
	0	0.00	15		▼				0	0	0	0	compatible		
	0	0.00	16		▼				0	0	0	0	compatible		
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667

Date: 1/26/2009

Agency: Williams County Soil Conservation District

Legal Description:  
10-155-101



**Legend**

— Practices (lines)

□ Brian Reider

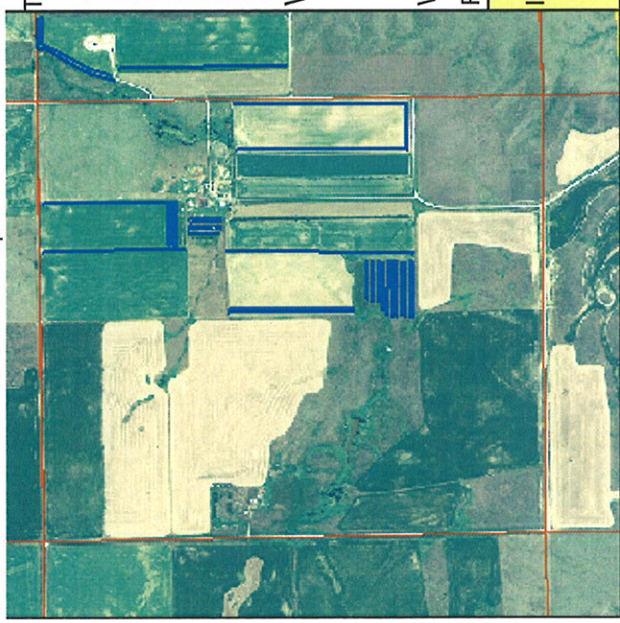
\* \* Resource Inventory (Line)

□ Williams PLSS



Name **Brian Rieder** Address **5825 137th Ave NW, Williston, North Dakota 58801** Phone # **572-8555** Plan by **gf** Date: **26-Jan-09**  
 Plan approved by: *Lamy Edelman* Date: **01/12/2009** *State Member*

Quarter **SE 1/4** Section **10** Plan approved by: **gf**  
 Twship. **155** Range **101** Date: **01/12/2009**



Field  Type of Planting-->  New  NA  
 <--Site Preparation  None  <--Cost share Program  
 <--Site protected from livestock?  
 <--Condition of site at planting time

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

Spacing between rows  feet

Soil Mapping Unit  LEHR

Windbreak Suitability Groups  6G  3  8 Planted by:

Remarks / Management (Weed Control) Date:

3 of 6 pages  
 4900 big trees and 5000 shrubs

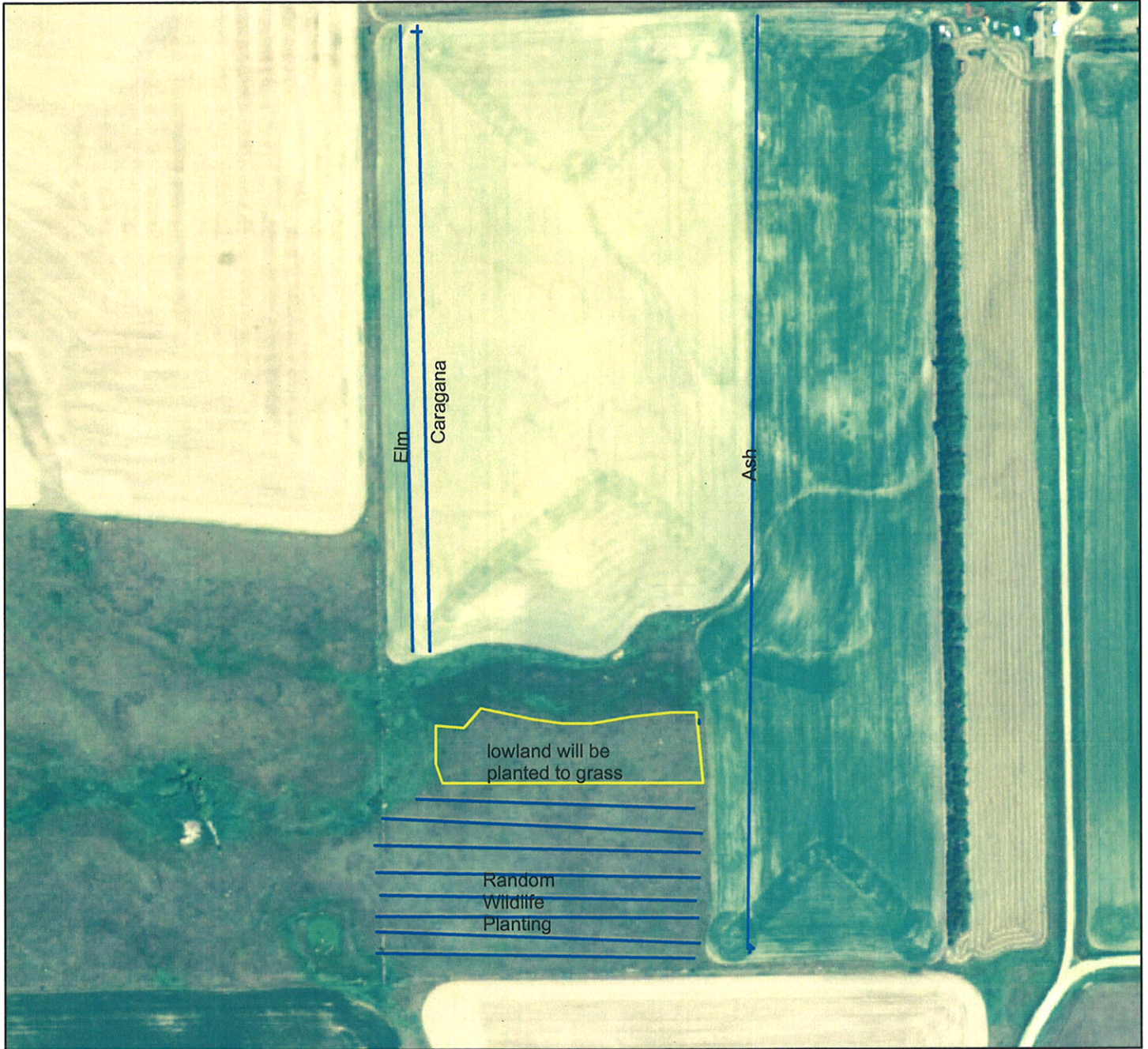
Field No.	Planned Length	Planted Length	Planted Width	Planted Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie	Alternating Specie	Suitability	Compatibility		
1500	10	0.34	1	Elm, Siberian	▼	▼	▼	12	125	0	suitable	0	compatible	0	compatible		
1500	0	0.00	2	Caragana	▼	▼	▼	4	375	0	suitable	0	compatible	0	compatible		
500	0	0.00	3	Buffaloberry	▼	▼	▼	4	125	0	suitable	0	compatible	0	compatible		
500	0	0.00	4	Chokecherry, comm	▼	▼	▼	4	125	0	suitable	0	compatible	0	compatible		
500	0	0.00	5	Caragana	▼	▼	▼	6	83	0	suitable	0	compatible	0	compatible		
500	0	0.00	6	Pine, Ponderosa	▼	▼	▼	12	42	0	suitable	0	compatible	0	compatible		
500	0	0.00	7	Caragana	▼	▼	▼	8	63	0	suitable	0	compatible	0	compatible		
500	0	0.00	8	Ash, Green	▼	▼	▼	12	42	0	suitable	0	compatible	0	compatible		
500	0	0.00	9	Lilac, Common	▼	▼	▼	4	125	0	suitable	0	compatible	0	compatible		
500	0	0.00	10	Currant, Golden	▼	▼	▼	4	125	0	suitable	0	compatible	0	compatible		
500	0	0.00	11	Buffaloberry	▼	▼	▼	4	125	0	suitable	0	compatible	0	compatible		
500	0	0.00	12	Russian-olive	▼	▼	▼	4	125	0	suitable	0	compatible	0	compatible		
1900	10	0.44	13	Ash, Green	▼	▼	▼	12	158	0	suitable	0	compatible	0	compatible		
	0	0.00	14		▼	▼	▼		0	0	0	0	compatible	0	compatible		
	0	0.00	15		▼	▼	▼		0	0	0	0	compatible	0	compatible		
	0	0.00	16		▼	▼	▼		0	0	0	0	compatible	0	compatible		
9900	0	20	0.78	<Totals>												1638	0

1638

Legal Description:  
10-155-101

Agency: Williams County Soil Conservation District

Date: 1/26/2009



**Legend**

— Practices (lines)

□ Brian Reider

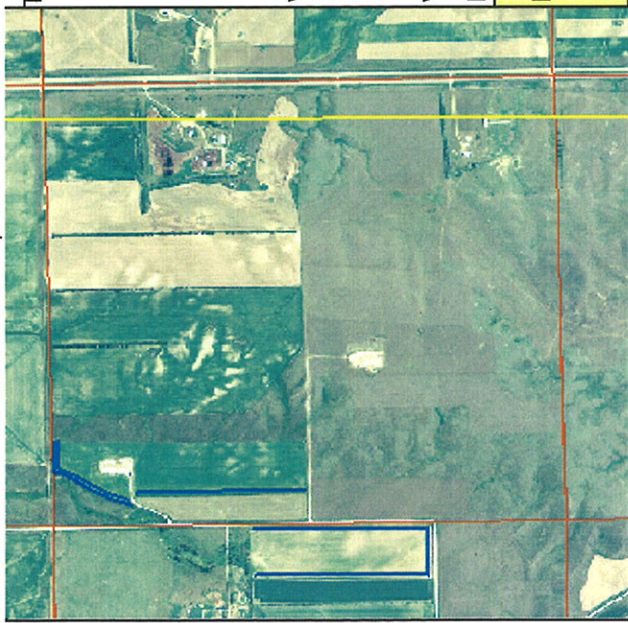
\* \* Resource Inventory (Line)

□ Williams PLSS



TREE AND SHRUB PLANTING WORKSHEET Williams County, ND

Name **Brian Rieder** Address **5825 Ave NW, Williston, North Dakota 58804** Phone # **572-8555** Plan by **gf** Date: **26-Jan-09**  
 Quarter NW 1/4 **Section 11** Plan approved by: *Larry Holleman*  
 Twship **155** Range **101** Date: **01/12/2009** *State Treater*



Field  <-- Type of Planting-->  **New**  **NA**  
 <--Site Preparation  **None** <--Cost share Program  
 <--Site protected from livestock?  
 <--Condition of site at planting time  
 Windward row to roads or bldgs.-> **16** feet (200'on N & W, and 100' on S & E)  
 Spacing between rows **16** feet  
 Soil Mapping Unit **2014**  **WILLIAMS**  
 Windbreak Suitability Group **3**  **1**  **8** Planted by:   
 Remarks / Management (Weed Control) **4 of 6 pages**  
**4200 big trees and 2500 shrubs**

Field No.	Planned Length	Planted Length	Planted Width	Planted 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	Compaatability	
1250	18	0.52	1	Plum, American	▼		▼	4	313	0	suitable	0	compatible		
1250	16	0.46	2	Buffaloberry	▼		▼	6	208	0	suitable	0	compatible		
1700	16	0.62	3	Larch, Siberian	▼		▼	12	142	0	suitable	0	compatible		
2500	18	1.03	4	Pine, Ponderosa	▼		▼	12	208	0	suitable	0	compatible		
	0	0.00	5		▼		▼		0	0		0	compatible		
	0	0.00	6		▼		▼		0	0		0	compatible		
	0	0.00	7		▼		▼		0	0		0	compatible		
	0	0.00	8		▼		▼		0	0		0	compatible		
	0	0.00	9		▼		▼		0	0		0	compatible		
	0	0.00	10		▼		▼		0	0		0	compatible		
	0	0.00	11		▼		▼		0	0		0	compatible		
	0	0.00	12		▼		▼		0	0		0	compatible		
	0	0.00	13		▼		▼		0	0		0	compatible		
	0	0.00	14		▼		▼		0	0		0	compatible		
	0	0.00	15		▼		▼		0	0		0	compatible		
	0	0.00	16		▼		▼		0	0		0	compatible		
6700	0	68	2.63	<Totals>										871	0

871

Legal Description:  
11-155-101

Agency: Williams County Soil Conservation District

Date: 1/26/2009



**Legend**

- Practices (lines)
- Brian Reider
- \* \* Resource Inventory (Line)
- Williams PLSS



TREE AND SHRUB PLANTING WORKSHEET

Williams County, ND

Name Brian Rieder

Address 5825 137th Ave NW, Williston, North Dakota 5881

Phone # 572-8555

Plan by gf

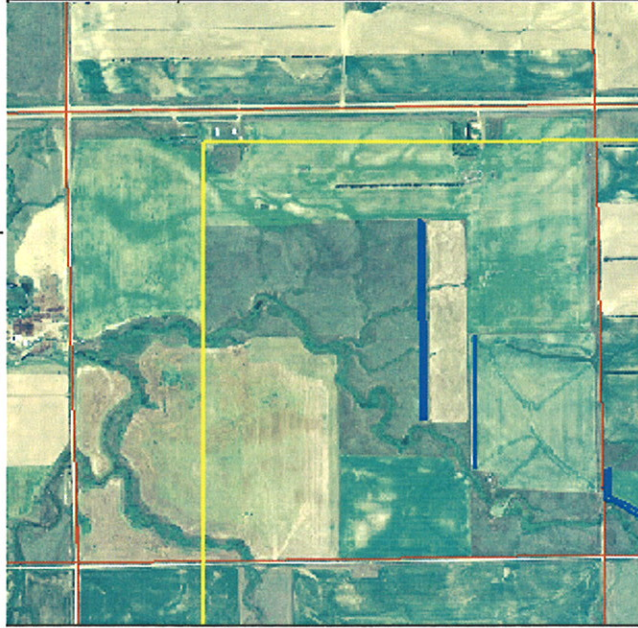
Quarter SE 1/4

Section 2

Plan approved by: *Larry Dotson*

12-Jan-09

Plan Sketch Map



Township 155

Range 101

Date: 01/12/2009

Planted by: *Sally Moeck*

Field  --Type of Planting--> New  NA

Not Followed  --Site Preparation None  <--Cost share Program

--Site protected from livestock?

--Condition of site at planting time

Windward row to roads or bldgs.--> 16 feet (200' on N & W, and 100' on S & E)

Spacing between rows 16 feet

Soil Mapping Unit 2015 WILLIAMS

Windbreak Suitability Group 3 1 8 Planted by:

Remarks / Management (Weed Control) Date:

5 of 6 pages  
3800 big trees and 2300 shrubs

Field	Planned	Planted	Planted	Row	Primary Species of	Type or	Alternating	Average Spacing	Number Planted	Primary Species	Alternating Species	Compatibility	
2300	18	0.95	1	1	Ash, Green	▼	▼	12	192	0	suitable	#VALUE!	compatible
2300	16	0.84	2	2	Crabapple, species	▼	▼	6	383	0	suitable	0	compatible
1500	18	0.62	3	3	Oak, Bur	▼	▼	8	188	0	suitable	0	compatible
	0	0.00	4	4		▼	▼		0	0	0	0	compatible
	0	0.00	5	5		▼	▼		0	0	0	0	compatible
	0	0.00	6	6		▼	▼		0	0	0	0	compatible
	0	0.00	7	7		▼	▼		0	0	0	0	compatible
	0	0.00	8	8		▼	▼		0	0	0	0	compatible
	0	0.00	9	9		▼	▼		0	0	0	0	compatible
	0	0.00	10	10		▼	▼		0	0	0	0	compatible
	0	0.00	11	11		▼	▼		0	0	0	0	compatible
	0	0.00	12	12		▼	▼		0	0	0	0	compatible
	0	0.00	13	13		▼	▼		0	0	0	0	compatible
	0	0.00	14	14		▼	▼		0	0	0	0	compatible
	0	0.00	15	15		▼	▼		0	0	0	0	compatible
	0	0.00	16	16		▼	▼		0	0	0	0	compatible
6100	0	52	2.42		<Totals>				763	0			compatible

763



**Legend**

- Practices (lines)
- Brian Reider
- Divide PLSS
- Williams PLSS





Legal Description:  
10-155-101

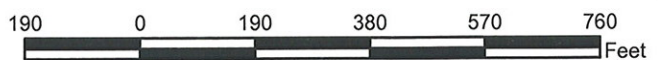
Agency: Williams County Soil Conservation District

Date: 1/26/2009



**Legend**

- Practices (lines)
- Brian Reider
- \* \* Resource Inventory (Line)
- Williams PLSS



TREE AND SHRUB PLANTING WORKSHEET

Williams County, ND

Name Bill Bennett

Address 2045 W 53rd Ave, Denver, Colorado 80221

Phone # 303-778-7242

Plan by gf

23-Jan-09

*Lamy Koltman  
State Forester*

Plan Sketch Map



Quarter NE 1/4

Township 155

Section 34

Range 102

Plan approved by:

Date: 08-12-2008

Field  <--Type of Planting-->  New  NA

<--Site Preparation  <--Cost share Program

<--Site protected from livestock?

<--Condition of site at planting time

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

Spacing between rows  feet

Soil Mapping Unit 2015  WILLIAMS

Windbreak Suitability Group  3  1  8 Planted by:

Remarks / Management (Weed Control) Date:

Enbridge Planting - 202 trees. 185 donated 800 big trees 1900 shrubs

Field No.	Planned Length	Planted Length	Planted Width	Planted Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Species	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Species Suitability	Alternating Species Suitability	Compatibility
420	10	0	0.10	1	Pine, Ponderosa				12	35	0	suitable	0	compatible
420	0	0	0.00	2	Pine, Ponderosa				12	35	0	suitable	0	compatible
1900	10	0	0.44	3	Buffaloberry	Lilac, Common			6	317	0	suitable	suitable	compatible
	0	0	0.00	4						0	0	0	0	compatible
	0	0	0.00	5						0	0	0	0	compatible
	0	0	0.00	6						0	0	0	0	compatible
	0	0	0.00	7						0	0	0	0	compatible
	0	0	0.00	8						0	0	0	0	compatible
	0	0	0.00	9						0	0	0	0	compatible
	0	0	0.00	10						0	0	0	0	compatible
	0	0	0.00	11						0	0	0	0	compatible
	0	0	0.00	12						0	0	0	0	compatible
	0	0	0.00	13						0	0	0	0	compatible
	0	0	0.00	14						0	0	0	0	compatible
	0	0	0.00	15						0	0	0	0	compatible
	0	0	0.00	16						0	0	0	0	compatible
2740	0	20	0.53	<Totals>										

387

<Totals>



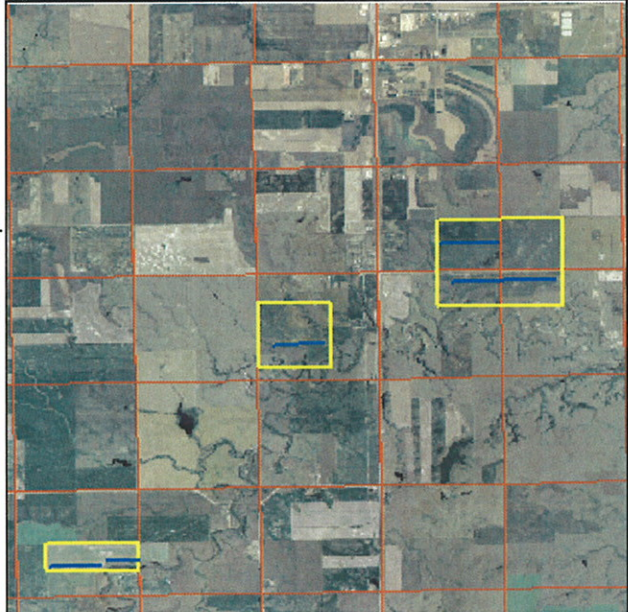
**Legend**

- Practices (lines)
- Bennett
- Williams PLSS



Name Brad Olson Address 1203 University Ave, Williston, North Dakota 58801 Phone # 572-4482 Plan by gf 16-Oct-08  
 Plan approved by: *Larry Kolden State Master* Date: 10/16/2008

Plan Sketch Map



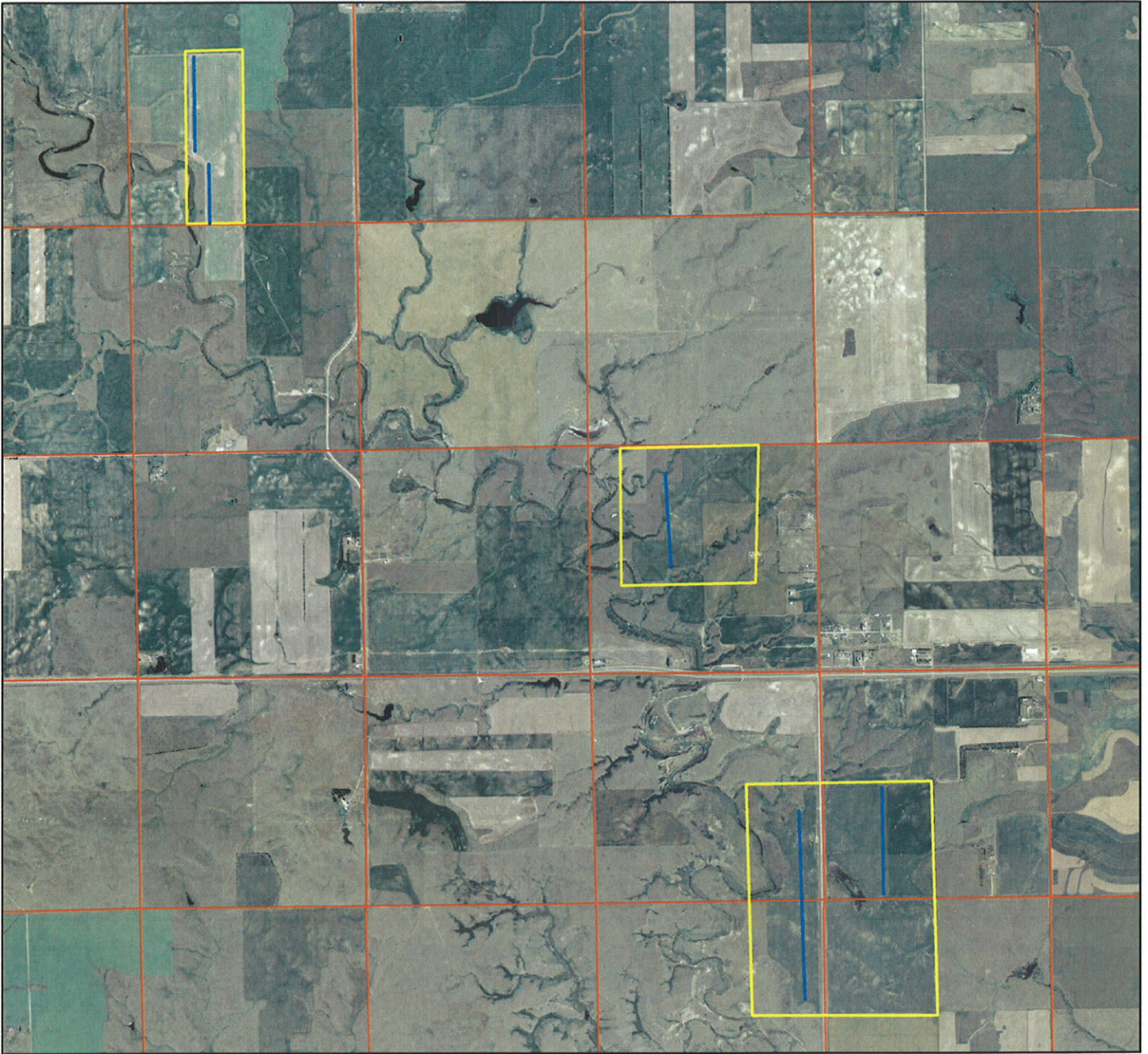
Quarter: [ ] Twntp.: [ ] Section: [ ] Range: [ ]  
 Field: [ ] <--Type of Planting--> [ ] NA  
 Not Followed: [ ] <--Site Preparation [ ] <--Cost share Program  
 <--Site protected from livestock? [ ]  
 <--Condition of site at planting time [ ]  
 Windward row to roads or bldgs.-> [ ] feet (200' on N & W, and 100' on S & E)  
 Spacing between rows [ ] feet  
 Soil Mapping Unit 2015 [ ] WILLIAMS  
 Windbreak Suitability Group 3 1 8 Planted by: [ ]  
 Remarks / Management (Weed Control) [ ] Date: [ ]

Field No.	Planned Length	Planted Length	Planted Width	Planted 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	Compatibility
1	2150	10	0.49	1	Ash, Green	Cotoneaster, Europea	4	538	0	suitable	suitable	compatible		
2	1300	0	0.00	2	Ash, Green	Buffaloberry	4	325	0	suitable	suitable	compatible		
3	2100	0	0.00	3	Buffaloberry	Chokecherry, comm	4	525	0	suitable	suitable	compatible		
4	4400	0	0.00	4	Pine, Ponderosa		12	367	0	suitable	0	compatible		
5	2450	10	0.56	5	Pine, Ponderosa		12	204	0	suitable	0	compatible		
6		0	0.00	6				0	0	0	0	compatible		
7		0	0.00	7				0	0	0	0	compatible		
8		0	0.00	8				0	0	0	0	compatible		
9		0	0.00	9				0	0	0	0	compatible		
10		0	0.00	10				0	0	0	0	compatible		
11		0	0.00	11				0	0	0	0	compatible		
12		0	0.00	12				0	0	0	0	compatible		
13		0	0.00	13				0	0	0	0	compatible		
14		0	0.00	14				0	0	0	0	compatible		
15		0	0.00	15				0	0	0	0	compatible		
16		0	0.00	16				0	0	0	0	compatible		
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1959

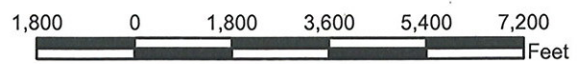
# 2009 Tree Pla nting

Customer(s): BRADLEY JAMES OLSON



## Legend

- Practices (lines)
- ▭ Enbrdge trees
- ▭ Williams PLSS



# 2009 Tree Planting

Customer(s): BRADLEY JAMES OLSON

8-154-102



## Legend

— Practices (lines)

□ Enbridge trees

□ Williams PLSS



# 2009 Tree Planting

Customer(s): BRADLEY JAMES OLSON

22-154-102



## Legend

- Practices (lines)
- Enbridge trees
- Williams PLSS



# 2009 Tree Planting

Customer(s): BRADLEY JAMES OLSON

154-102



## Legend

- Practices (lines)
- Enbridge trees
- Williams PLSS



Name Ray Papineau Address 14330 Highway 2, Williston, North Dakota 58801 Phone # 571-5032 Plan by gf 16-Oct-08  
 Quarter NW 1/4 Section 27 Plan approved by: *Jamy Kottler*  
 Township 154 Range 102 Date: 10/16/2008 State *North Dakota*



Plan Sketch Map

Farmstead  Type of Planting--> New  NA  
 Not Fallowed  <--Site Preparation  <--Cost share Program  
 <--Site protected from livestock?  
 <--Condition of site at planting time  
 Windward row to roads or bldgs.-> feet (200'on N & W, and 100' on S & E)  
 Spacing between rows 16 feet  
 Soil Mapping Unit 1128 LEHR  
 Windbreak Suitability Group 6G 10 6G Planted by:  
 Remarks / Management (Weed Control) Date:  
 650 feet big trees 1950 feet shrubs

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	Alternating Specie	Suitability	Compatibility
650	18	0.27	1	Chokecherry, common	SHUBER		4	163	0	suitable	0	compatible			
650	16	0.24	2	Pine, Ponderosa		12	54	0	suitable	0	compatible				
650	16	0.24	3	Lilac, Common		4	163	0	suitable	0	compatible				
650	18	0.27	4	Currant, Golden		4	163	0	suitable	0	compatible				
	0	0.00	5				0	0	0	0	0	compatible			
	0	0.00	6				0	0	0	0	0	compatible			
	0	0.00	7				0	0	0	0	0	compatible			
	0	0.00	8				0	0	0	0	0	compatible			
	0	0.00	9				0	0	0	0	0	compatible			
	0	0.00	10				0	0	0	0	0	compatible			
	0	0.00	11				0	0	0	0	0	compatible			
	0	0.00	12				0	0	0	0	0	compatible			
	0	0.00	13				0	0	0	0	0	compatible			
	0	0.00	14				0	0	0	0	0	compatible			
	0	0.00	15				0	0	0	0	0	compatible			
	0	0.00	16				0	0	0	0	0	compatible			
2600	0	68	1.01	<Totals>											

543

Customer(s): RAYMOND PAPINEAU  
District: WILLIAMS COUNTY SOIL CONSERVATION DISTRICT

Field Office: WILLISTON SERVICE CENTER  
Agency: NRCS  
Assisted By: Darryl Turcotte



**Legend**

- Resource Inventory (Point)
- Resource Inventory (Line)
- Williams PLSS



# Appendix A

The following plans have been prepared for landowners crossed by the Trenton to Beaver Lodge Pipeline that requested trees and shrubs be planted on their property. Approximately 9,566 trees and shrubs would be planted on the properties presented under this appendix.

## Appendix B

The following plans have been prepared for landowners receiving trees and shrubs that were donated by landowners crossed by the Trenton to Beaver Lodge Pipeline. Approximately 6,740 trees and shrubs would be planted on the properties presented under this appendix.

Name Myrtle Anderson Address PO Box 697, Williston, North Dakota 58802 Phone # 572-9651 Plan by gf 22-Sep-08  
 Quarter SE 1/4 Section 13 Plan approved by: *Jamy Holtem State Forester*  
 Township 156 Range 96 Date: 9/22/2008



Plan Sketch Map

Farmstead  Type of Planting-->  New  NA  
 Site Preparation  <--Cost share Program  
 Site protected from livestock?  
 Condition of site at planting time  
 Windward row to roads or bldgs.->  feet (200'on N & W, and 100' on S & E)  
 Spacing between rows  16 feet  
 Soil Mapping Unit 2015  WILLIAMS  
 Windbreak Suitability Group  3  1  8 Planted by:  
 Remarks / Management (Weed Control) Date:  
 1045 feet trees 774 feet shrubs

Field No.	Planned Length	Planted Width	Planted 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	Compatibility
	300	18	0.12	1	Caragana			6	50	0	suitable	0	0	compatible	
	300	16	0.11	2	Ash, Green			12	25	0	suitable	0	0	compatible	
	300	16	0.11	3	Spruce, Blue			12	25	0	suitable	0	0	compatible	
	300	16	0.11	4	Oak, Bur			8	38	0	suitable	0	0	compatible	
	300	16	0.11	5	Lilac, Common			4	75	0	suitable	0	0	compatible	
	87	16	0.03	6	Redcedar, Eastern			6	15	0	suitable	0	0	compatible	
	87	16	0.03	7	Cherry, Nanking			4	22	0	suitable	0	0	compatible	
	145	18	0.06	8	Pine, Ponderosa			12	12	0	suitable	0	0	compatible	
		0	0.00	9					0	0	0	0	0	compatible	
		0	0.00	10					0	0	0	0	0	compatible	
		0	0.00	11					0	0	0	0	0	compatible	
		0	0.00	12					0	0	0	0	0	compatible	
		0	0.00	13					0	0	0	0	0	compatible	
		0	0.00	14					0	0	0	0	0	compatible	
		0	0.00	15					0	0	0	0	0	compatible	
		0	0.00	16					0	0	0	0	0	compatible	
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<Totals>

262

# Mrytle Anderson

Agency: Williams County Soil Conservation District

13-156-96

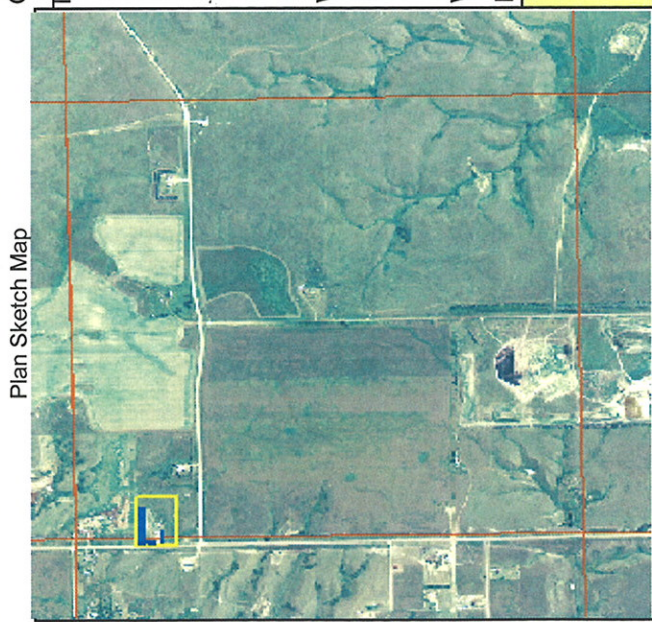


## Legend

- Practices (lines)
- Mytle Anderson
- Williams PLSS



Name: **Ida Beckett** Address: **5284 134th Ave NW, Williston, ND 58801** Phone # **572-7144 or 57** Plan by **gf** 15-Oct-08  
 Quarter NW 1/4 **Section 8** Plan approved by: *Jamy Tolson*  
 Twship **154** Range **100** Date: **10/14/2008** State *member*



Plan Sketch Map

Farmstead  Type of Planting-->  New  NA  
 Fallow  <--Site Preparation  <--Cost share Program  
 <--Site protected from livestock?  
 <--Condition of site at planting time  
 Windward row to roads or bldgs.->  feet (200'on N & W, and 100' on S & E)  
 Spacing between rows  feet  
 Soil Mapping Unit  WILLIAMS  
 Windbreak Suitability Group  3  1  8 Planted by:   
 Remarks / Management (Weed Control) Date:

Field No.	Planned Length	Planted Width	Planted 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	Compatibility
447		10	0.10	1	Pine, Ponderosa			12	37	0	suitable	0	compatible
62		0	0.00	2	Sumac, Skunkbush			4	16	0	suitable	0	compatible
538		0	0.00	3	Hackberry			10	54	0	suitable	0	compatible
353		0	0.00	4	Chokecherry, comm	SHUBER		4	88	0	suitable	0	compatible
153		0	0.00	5	Hackberry			10	15	0	suitable	0	compatible
337		0	0.00	6	Chokecherry, comm	SHUBER		4	84	0	suitable	0	compatible
321		0	0.00	7	Juneberry			4	80	0	suitable	0	compatible
175		0	0.00	8	Sumac, Skunkbush			4	44	0	suitable	0	compatible
175		10	0.04	9	Juneberry			4	44	0	suitable	0	compatible
		0	0.00	10					0	0	0	0	compatible
		0	0.00	11					0	0	0	0	compatible
		0	0.00	12					0	0	0	0	compatible
		0	0.00	13					0	0	0	0	compatible
		0	0.00	14					0	0	0	0	compatible
		0	0.00	15					0	0	0	0	compatible
		0	0.00	16					0	0	0	0	compatible
2561	0	20	0.14						462	0	0	0	compatible

<Totals>

462

# Ida Beckett

Agency: Williams County Soil Conservation District



## Legend

- Practices (lines)
- Ida Beckett
- Williams PLSS





# Bethania Cemetery

Agency: Williams County Soil Conservation District



## Legend

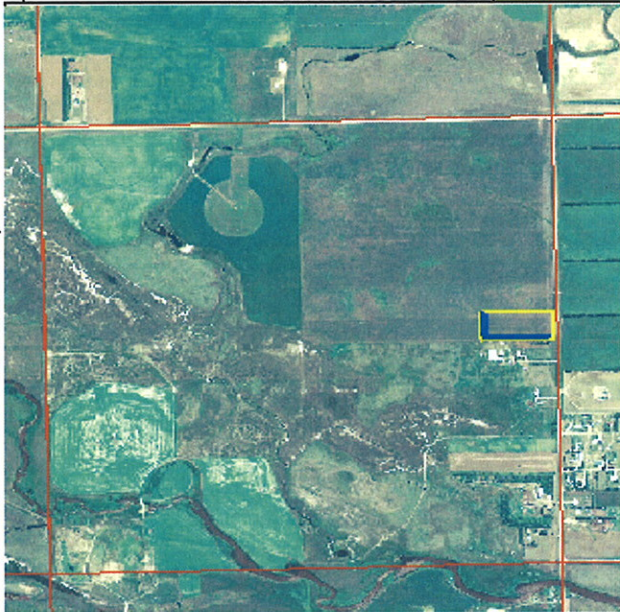
- Practices (lines)
- Faith and Bethania Cemeteries
- Williams PLSS



Name Tom and Connie Bloch  
 Address 1905 7th Ave E, Williston, North Dakota 58011  
 Phone # 774-8188 or 57  
 Plan by gf  
 27-Jan-09

Quarter SE 1/4  
 Twntp 155  
 Section 17  
 Range 100  
 Plan approved by: *Larry Ketchum*  
 Date: 9-19-2008  
*State Forester*

Plan Sketch Map



Field  <--Type of Planting-->  New  NA  
 Not Followed  <--Site Preparation  <--Cost share Program  
 <--Site protected from livestock?  
 <--Condition of site at planting time  
 Windward row to roads or bldgs.->  feet (200' on N & W, and 100' on S & E)  
 Spacing between rows  feet  
 Soil Mapping Unit  1249  APPAM  
 Windbreak Suitability Group  6G  5  10 Planted by:   
 Remarks / Management (Weed Control) Date:   
 940 feet big trees and 3160 feet shrubs

Field No.	Planned Length	Planted Length	Planted Width	Planted 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	Primary Suitability	Alternating Specie	Alternating Suitability	Compatibility
640	10	0.15	1	Caragana	▼			6	160	0	suitable	0	compatible			
640	0	0.00	2	Pine, Scotch	▼			12	53	0	suitable	0	compatible			
640	0	0.00	3	Lilac, Common	▼			4	160	0	suitable	0	compatible			
300	0	0.00	4	Caragana	▼			4	75	0	suitable	0	compatible			
300	0	0.00	5	Pine, Scotch	▼			12	25	0	suitable	0	compatible			
300	0	0.00	6	Lilac, Common	▼			4	75	0	suitable	0	compatible			
640	0	0.00	7	Lilac, Common	▼			4	160	0	suitable	0	compatible			
640	10	0.15	8	Caragana	▼			4	160	0	suitable	0	compatible			
	0	0.00	9		▼				0	0	0	0	compatible			
	0	0.00	10		▼				0	0	0	0	compatible			
	0	0.00	11		▼				0	0	0	0	compatible			
	0	0.00	12		▼				0	0	0	0	compatible			
	0	0.00	13		▼				0	0	0	0	compatible			
	0	0.00	14		▼				0	0	0	0	compatible			
	0	0.00	15		▼				0	0	0	0	compatible			
	0	0.00	16		▼				0	0	0	0	compatible			
4100	0	20	0.29	<Totals>												

868

17-155-100



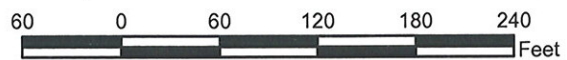
**Legend**

— Practices (lines)

□ Bloch

\* \* Resource Inventory (Line)

□ Williams PLSS



TREE AND SHRUB PLANTING WORKSHEET

Williams County, ND

Name Mike Ellis

Address 5221 142nd Dr. NW, Williston, ND 58801

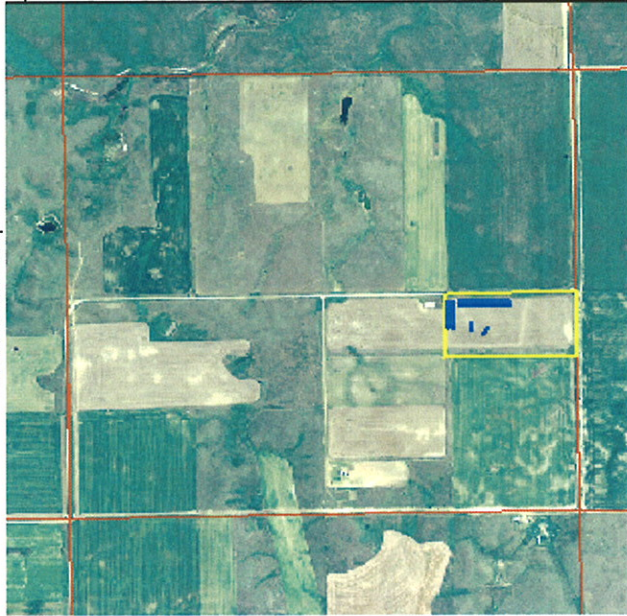
Phone # 875-5201

Plan by gf

22-Sep-08

*Jamy Blotner*  
*State Forester*

Plan Sketch Map



Quarter SW 1/4

Section 11

Plan approved by:

Date: 9/22/2008

Twonship 154

Range 102

Farmstead  <--Type of Planting-->  New  NA

<--Site Preparation

<--Site protected from livestock?

<--Condition of site at planting time

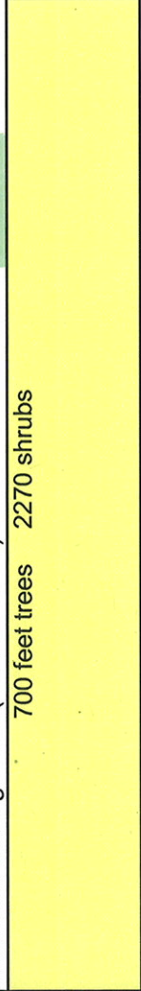
Windward row to roads or bldgs.-> 16 feet (200' on N & W, and 100' on S & E)

Spacing between rows 16 feet

Soil Mapping Unit 2015 WILLIAMS

Windbreak Suitability Group 3 1 8 Planted by:

Remarks / Management (Weed Control) 700 feet trees 2270 shrubs Date:



Field No.	Planned Length	Planted Length	Planted Width	Planted Acres	Row #	Primary Species of Tree or Shrub	Type or Variety		Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary		Alternating	
							Alternating Specie	Specie				Specie	Suitability	Specie	Suitability
350	18	0.14	1	Caragana	6	58	0	suitable	0	compatible					
350	16	0.13	2	Pine, Ponderosa	12	29	0	suitable	0	compatible					
350	16	0.13	3	Ash, Green	12	29	0	suitable	0	compatible					
600	16	0.22	4	Juniper, Rocky Mtn.	6	100	0	suitable	0	compatible					
600	16	0.22	5	Juniper, Rocky Mtn.	6	100	0	suitable	0	compatible					
600	16	0.22	6	Juniper, Rocky Mtn.	6	100	0	suitable	0	compatible					
60	16	0.02	7	Chokecherry, comm	4	15	0	suitable	0	compatible					
60	18	0.02	8	Rose, Species	4	15	0	suitable	0	compatible					
	0	0.00	9			0	0	0	0	compatible					
	0	0.00	10			0	0	0	0	compatible					
	0	0.00	11			0	0	0	0	compatible					
	0	0.00	12			0	0	0	0	compatible					
	0	0.00	13			0	0	0	0	compatible					
	0	0.00	14			0	0	0	0	compatible					
	0	0.00	15			0	0	0	0	compatible					
	0	0.00	16			0	0	0	0	compatible					
2970	0	132	1.11	<Totals>		447	0								

446

# Mike Ellis

Agency: Williams County Soil Conservation District

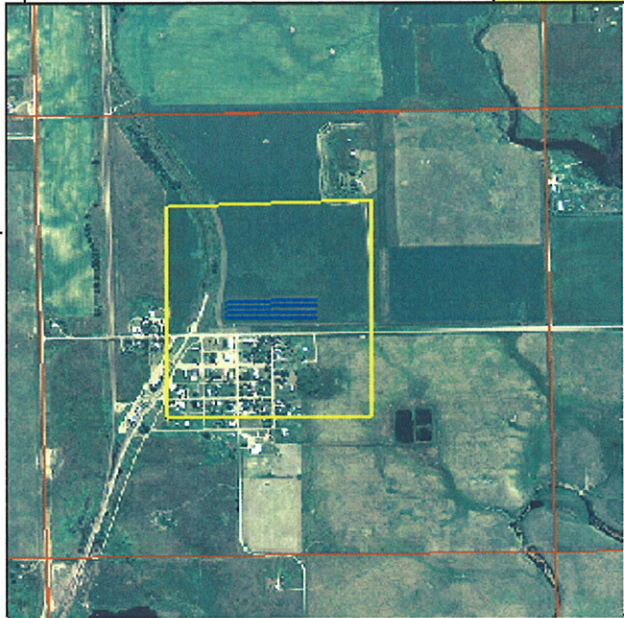


## Legend

- Practices (lines)
- Mike Ellis
- Williams PLSS



Name City of Epping Ron Haug Address PO Box 126, Epping, ND 58843 Phone # 859-4873 Plan by gf 9-Oct-08  
 Quarter NW 1/4 Section 1 Plan approved by: *Jamy Holman*  
 Twship 155 Range 99 Date: 10-09-2008 State Forester



Field  Type of Planting--> New  NA  
 Not Fallowed  <--Site Preparation None  <--Cost share Program  
 <--Site protected from livestock?  
 <--Condition of site at planting time

Windward row to roads or bldgs.-> 16 feet (200' on N & W, and 100' on S & E)  
 Spacing between rows 16 feet

Soil Mapping Unit WILLIAMS

Windbreak Suitability Group WSG 0 0 Planted by:

Remarks / Management (Weed Control) Date:

1000 big trees 3000 shrubs

Field No.	Planned Length	Planted Length	Planted Width	Planted Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average		Primary		Alternating	
									Spacing in row	Number Planted (est)	Number Planted (actual)	Specie Suitability	Specie Suitability	Specie Suitability
1000	18	0.41	1	1	1	Currant, Golden	▼		4	250	0	urrant, Golde	0	compatible
1000	16	0.37	2	2	2	Caragana	▼		6	167	0	Caragana	0	compatible
1000	16	0.37	3	3	3	Pine, Ponderosa	▼		12	83	0	ine, Ponderos	0	compatible
1000	18	0.41	4	4	4	Lilac, Common	▼		4	250	0	ilac, Commo	0	compatible
	0	0.00	5	5	5		▼			0	0		0	compatible
	0	0.00	6	6	6		▼			0	0		0	compatible
	0	0.00	7	7	7		▼			0	0		0	compatible
	0	0.00	8	8	8		▼			0	0		0	compatible
	0	0.00	9	9	9		▼			0	0		0	compatible
	0	0.00	10	10	10		▼			0	0		0	compatible
	0	0.00	11	11	11		▼			0	0		0	compatible
	0	0.00	12	12	12		▼			0	0		0	compatible
	0	0.00	13	13	13		▼			0	0		0	compatible
	0	0.00	14	14	14		▼			0	0		0	compatible
	0	0.00	15	15	15		▼			0	0		0	compatible
	0	0.00	16	16	16		▼			0	0		0	compatible
4000	0	68		1.56		<Totals>				750	0		0	0

750

# City of Epping

Agency: Williams County Soil Conservation District



### Legend

- Practices (lines)
- City of Epping
- Williams PLSS





# Faith Cemetery

Agency: Williams County Soil Conservation District



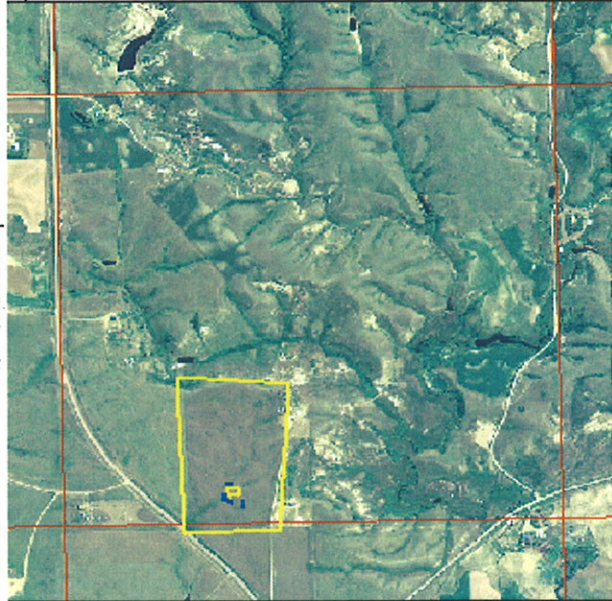
## Legend

- Practices (lines)
- Faith and Bethania Cemeteries
- Williams PLSS



TREE AND SHRUB PLANTING WORKSHEET Williams County, ND

Name Wade Forsberg Address 13195 50th Lane NW, Williston, North Dakota 581 Plan by gf 22-Jan-09  
 Phone # 774-0292or570 Section 22 Plan approved by: *Larry Johnson*  
 Quarter NW 1/4 Twship 154 Range 100 Date: 01/22/2009 *Spale Forester*



Plan Sketch Map

Farmstead  Type of Planting--> New  NA  
 <--Site Preparation  <--Cost share Program  
 <--Site protected from livestock?  
 <--Condition of site at planting time  
 Windward row to roads or bldgs.-> 16 feet (200'on N & W, and 100' on S & E)




Spacing between rows 16 feet  
 Soil Mapping Unit 2338 AMOR  
 Windbreak Suitability Group 6D 3 Planted by:   
 Remarks / Management (Weed Control) Date:   
 1265 feet of big trees and 1203 feet of shrubs

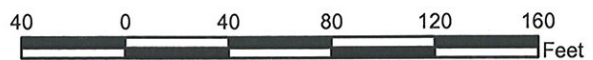
Field No.	Planned Length	Planted Length	Planted Width	Planted Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Species	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Species	Alternating Species	Suitability	
														Suitability	Compatibility
650	18	0.27	1	Pine, Ponderosa	▼			12	54	0	suitable	0	compatible		
615	16	0.23	2	Pine, Ponderosa	▼			12	51	0	suitable	0	compatible		
588	16	0.22	3	Buffaloberry	▼			6	98	0	suitable	0	compatible		
200	16	0.07	4	Chokecherry, comm	▼			4	50	0	suitable	0	compatible		
185	16	0.07	5	Sandcherry, Wester	▼			4	46	0	suitable	0	compatible		
65	16	0.02	6	Chokecherry, comm	▼			12	5	0	suitable	0	compatible		
65	16	0.02	7	Sandcherry, Wester	▼			4	16	0	suitable	0	compatible		
50	16	0.02	8	Lilac, Common	▼			4	13	0	suitable	0	compatible		
50	18	0.02	9	Lilac, Common	▼			4	13	0	suitable	0	compatible		
	0	0.00	10		▼				0	0	0	0	compatible		
	0	0.00	11		▼				0	0	0	0	compatible		
	0	0.00	12		▼				0	0	0	0	compatible		
	0	0.00	13		▼				0	0	0	0	compatible		
	0	0.00	14		▼				0	0	0	0	compatible		
	0	0.00	15		▼				0	0	0	0	compatible		
	0	0.00	16		▼				0	0	0	0	compatible		
2468	0	148	0.94	<Totals>										346	0

346



**Legend**

-  Practices (lines)
-  Wade and Jo Forsberg
-  Williams PLSS



TREE AND SHRUB PLANTING WORKSHEET

Williams County, ND

Name Larry Goebel

Address 12528 56th St NW, Epping, ND 58843

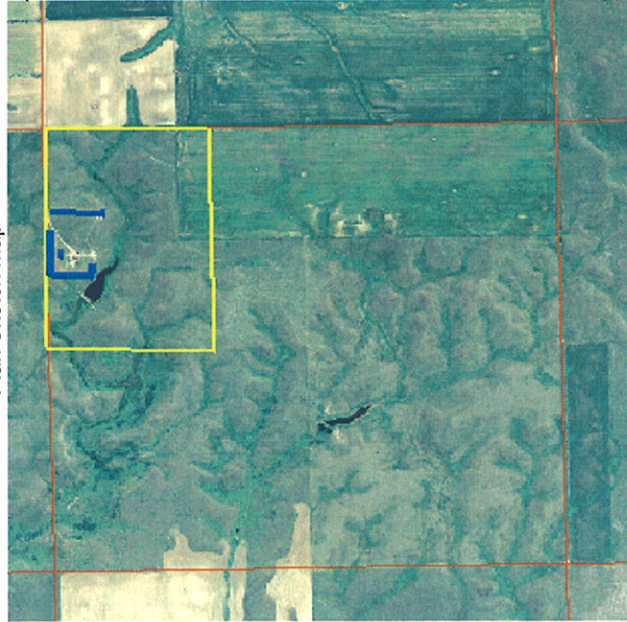
Phone # 570-9923

Plan by gf

9-Oct-08

*Jerry K. Johnson*  
*Site Manager*

Plan Sketch Map



Quarter NE 1/4

Township 155

Section 27

Range 99

Plan approved by:

Date: 10-09-2008

Farmstead	▼	<--Type of Planting-->	▼	New	NA
Not Fallowed	▼	<--Site Preparation	▼	None	<--Cost share Program
	▼	<--Site protected from livestock?			
	▼	<--Condition of site at planting time			

Windward row to roads or bldgs.-> 16 feet (200' on N & W, and 100' on S & E)

Spacing between rows 16 feet

Soil Mapping Unit 2032 WILLIAMS

Windbreak Suitability Groups 3 8 1 Planted by:

Remarks / Management (Weed Control) Date:

1284 feet big trees 3504 feet shrubs

Field No.	Planned Length	Planted Width	Planted 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		Alternating Specie	
											Suitability	Compatibility	Suitability	Compatibility
516	18	0.21	1	1	Caragana	▼		6	86	0	suitable	0	compatible	
516	16	0.19	2	2	Sea-buckthorn	▼		4	129	0	suitable	0	compatible	
516	16	0.19	3	3	Oak, Bur	▼		8	65	0	suitable	0	compatible	
588	16	0.22	4	4	Caragana	▼		6	98	0	suitable	0	compatible	
588	16	0.22	5	5	Sea-buckthorn	▼		4	147	0	suitable	0	compatible	
588	16	0.22	6	6	Oak, Bur	▼		8	74	0	suitable	0	compatible	
180	16	0.07	7	7	Hawthorn, Arnold	▼		6	30	0	suitable	0	compatible	
180	16	0.07	8	8	Larch, Siberian	▼		12	15	0	suitable	0	compatible	
180	16	0.07	9	9	Caragana	▼		6	30	0	suitable	0	compatible	
468	16	0.17	10	10	Sea-buckthorn	▼		4	117	0	suitable	0	compatible	
468	18	0.19	11	11	Caragana	▼		6	78	0	suitable	0	compatible	
	0	0.00	12	12		▼			0	0	0	0	compatible	
	0	0.00	13	13		▼			0	0	0	0	compatible	
	0	0.00	14	14		▼			0	0	0	0	compatible	
	0	0.00	15	15		▼			0	0	0	0	compatible	
	0	0.00	16	16		▼			0	0	0	0	compatible	
4788	0	180	1.80						868	0		0		

869

<Totals>

# Larry Goebel

Agency: Williams County Soil Conservation District



## Legend



- Practices (lines)
- Larry and Trell Goebel



TREE AND SHRUB PLANTING WORKSHEET

Williams County, ND

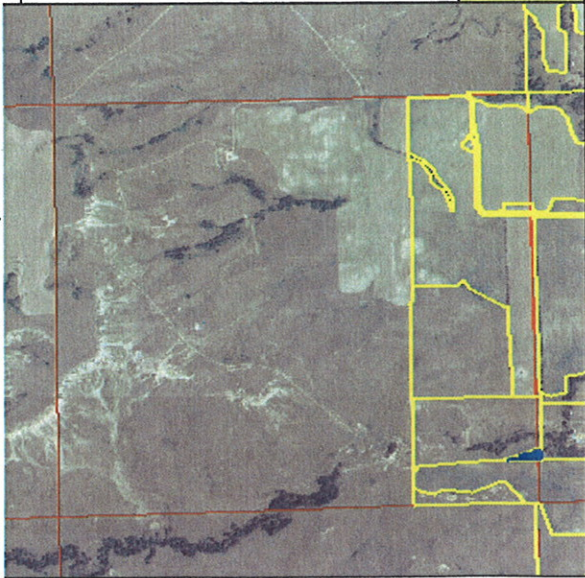
Name Klint Hartssoch

Address 5627 111th Ave NW, Ray, North Dakota 58849

Phone # 568-880 or 570-4

Plan by gf 23-Jan-09

Plan Sketch Map



Quarter SW 1/4

Twship 155

Section 35

Range 96

Plan approved by:

Date: 01/23/2009

NA

Type of Planting-->

Site Preparation

Site protected from livestock?

Condition of site at planting time

Windward row to roads or bldgs.--> 16 feet (200' on N & W, and 100' on S & E)

Spacing between rows 16 feet

Soil Mapping Unit

1021 KORCHEA

Windbreak Suitability Groups 1K 3 1

Planted by:

Remarks / Management (Weed Control)

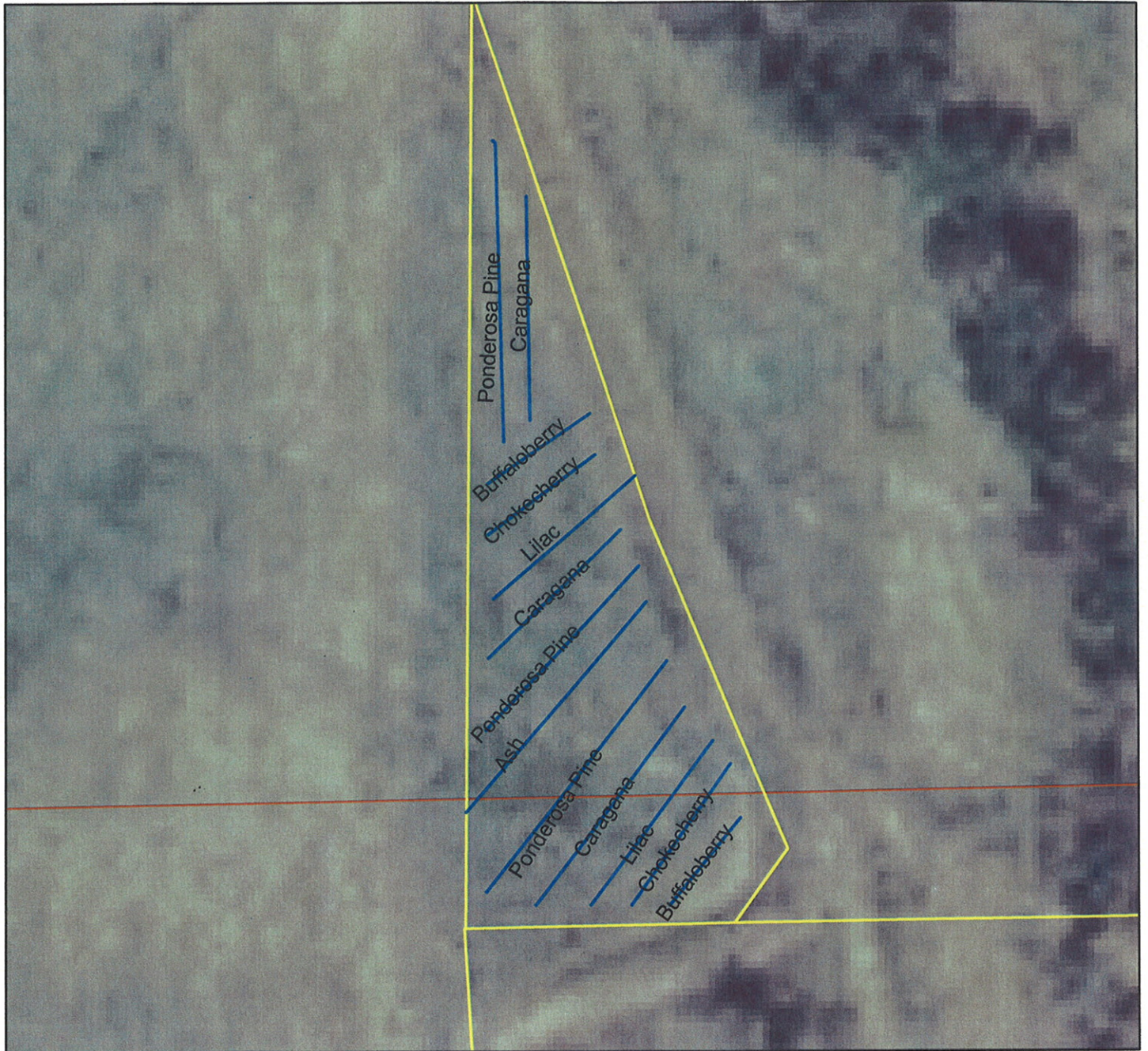
Date:

482 big trees and 1027 shrubs




Field No.	Planned Length	Planted Width	Planted Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Species	Average		Primary Species	Alternating Species	Suitability	Compatibility
								Spacing in row	Number Planted (est)				
179	18	0.07	1	1	Pine, Ponderosa	▼	▼	12	15	0	suitable	0	compatible
130	16	0.05	2	2	Caragana	▼	▼	6	22	0	suitable	0	compatible
65	16	0.02	3	3	Buffaloberry	▼	▼	6	11	0	suitable	0	compatible
72	16	0.03	4	4	Chokecherry, comm	▼	▼	4	18	0	suitable	0	compatible
87	16	0.03	5	5	Lilac, Common	▼	▼	4	22	0	suitable	0	compatible
104	16	0.04	6	6	Caragana	▼	▼	6	17	0	suitable	0	compatible
119	16	0.04	7	7	Pine, Ponderosa	▼	▼	12	10	0	suitable	0	compatible
134	16	0.05	8	8	Ash, Green	▼	▼	12	11	0	suitable	0	compatible
184	16	0.07	9	9	Pine, Ponderosa	▼	▼	12	15	0	suitable	0	compatible
140	16	0.05	10	10	Caragana	▼	▼	6	23	0	suitable	0	compatible
135	16	0.05	11	11	Lilac, Common	▼	▼	4	34	0	suitable	0	compatible
91	16	0.03	12	12	Chokecherry, comm	▼	▼	4	23	0	suitable	0	compatible
69	18	0.03	13	13	Buffaloberry	▼	▼	6	12	0	suitable	0	compatible
	0	0.00	14	14		▼	▼		0	0		0	compatible
	0	0.00	15	15		▼	▼		0	0		0	compatible
	0	0.00	16	16		▼	▼		0	0		0	compatible
								244					
1509	0	212	0.57		<Totals>			232	0			0	0

Customer(s): KLINT DAVID HARTSOCH  
District: WILLIAMS COUNTY SOIL CONSERVATION DISTRICT

Field Office: WILLISTON SERVICE CENTER  
Agency: NRCS



**Legend**

-  Practices (lines)
-  eqip
-  Williams PLSS



TREE AND SHRUB PLANTING WORKSHEET

Williams County, ND

Name Mark Owan

Address PO Box 1251, Williston, ND 58802

Phone # 570-4581

Plan by gf

22-Sep-08

*Larry K. Owan*  
*State Forester*

Plan Sketch Map



Quarter NE 1/4

Twinsp 154

Section 3

Range 101

Plan approved by:

Date: 9/22/2008

Farmstead  Type of Planting-->  New  NA

Site Preparation  <--Cost share Program

Site protected from livestock?

Condition of site at planting time

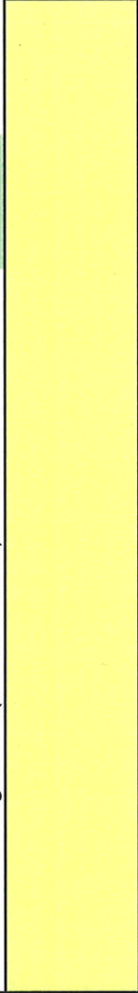
Windward row to roads or bldgs.-> 16 feet (200'on N & W, and 100' on S & E)

Spacing between rows 16 feet

Soil Mapping Unit 2015 WILLIAMS

Windbreak Suitability Group 3 1 8 Planted by:

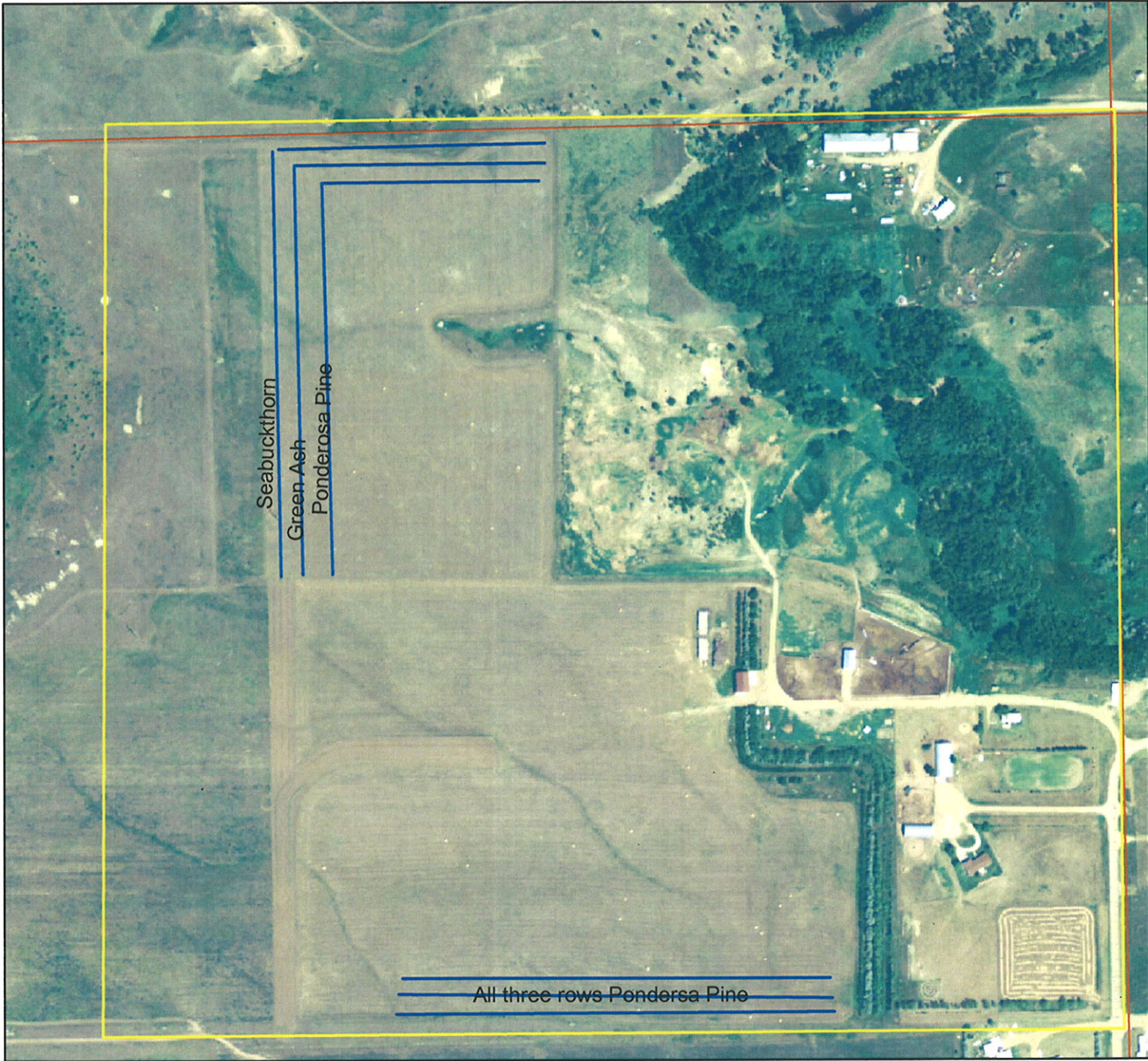
Remarks / Management (Weed Control) Date:



Field No.	Planned Length	Planted Length	Planted Width	Planted Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Species	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability	Compatibility								
1250	1250	18	0.52	1	Sea-buckthorn				4	313	0	suitable	0	compatible								
1218	1218	16	0.45	2	Ash, Green				12	102	0	suitable	0	compatible								
1186	1186	16	0.44	3	Pine, Ponderosa				12	99	0	suitable	0	compatible								
1800	1800	16	0.66	4	Pine, Ponderosa				12	150	0	suitable	0	compatible								
1800	1800	16	0.66	5	Pine, Ponderosa				12	150	0	suitable	0	compatible								
1800	1800	18	0.74	6	Pine, Ponderosa				12	150	0	suitable	0	compatible								
		0	0.00	7						0	0	0	0	compatible								
		0	0.00	8						0	0	0	0	compatible								
		0	0.00	9						0	0	0	0	compatible								
		0	0.00	10						0	0	0	0	compatible								
		0	0.00	11						0	0	0	0	compatible								
		0	0.00	12						0	0	0	0	compatible								
		0	0.00	13						0	0	0	0	compatible								
		0	0.00	14						0	0	0	0	compatible								
		0	0.00	15						0	0	0	0	compatible								
		0	0.00	16						0	0	0	0	compatible								
9054	0	100	3.47	<Totals>										963	0	0	0	0	0	0	0	0

964

3-154-101

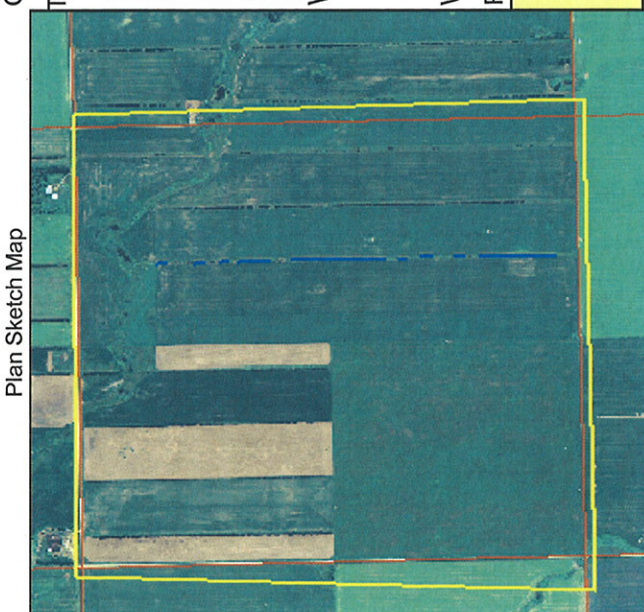


**Legend**

- Practices (lines)
- Mark Owan
- Williams PLSS



Name Lynden Skaare Address 316 Rose Lane, Williston, North Dakota 58801 Phone # 572-4704 Plan by gf 28-Oct-08  
 Quarter SE 1/4 Section 36 Plan approved by: *Jamy Holthorn*  
 Twship. 158 Range 98 Date: 10/28/2008 *State Forester*



Field  Type of Planting-->  Replant  Original Date:   
 Not Followed  <--Site Preparation  <--Cost share Program   
 <--Site protected from livestock?   
 <--Condition of site at planting time   
 Windward row to roads or bldgs.->  feet (200'on N & W, and 100' on S & E)  
 Spacing between rows  feet  
 Soil Mapping Unit 2014  WILLIAMS  
 Windbreak Suitability Groups 3 1 8 Planted by:   
 Remarks / Management (Weed Control) Date:   
 5000 feet big trees

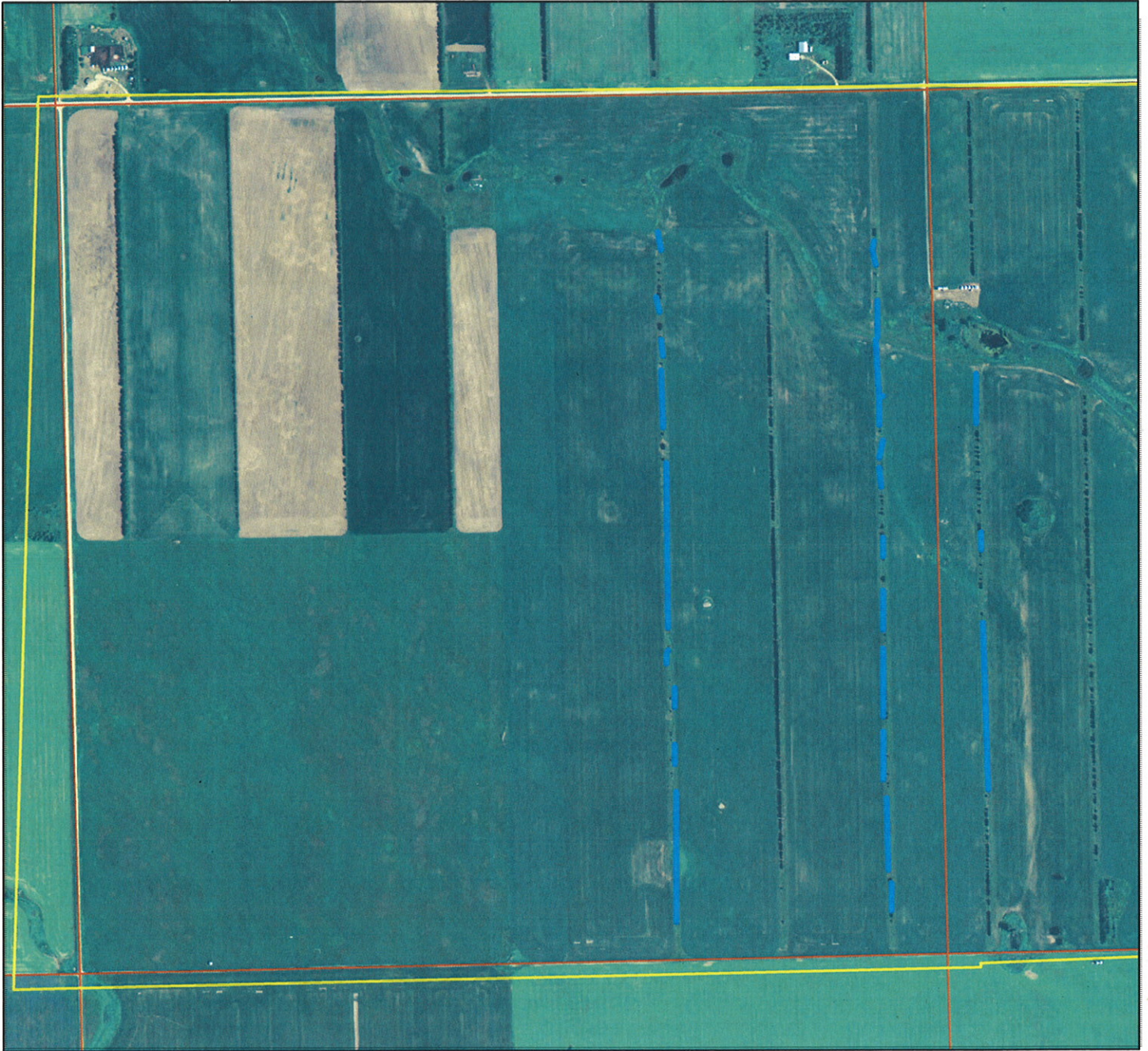
Field No.	Planned Length	Planted Length	Planted Width	Planted Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Specie Suitability	Alternating Specie Suitability	Comptaibility
5000	20	0	2.30	1	1	Pine, Ponderosa			12	417	0	suitable	0	compatible
	0	0	0.00	2	2					0	0	0	0	compatible
	0	0	0.00	3	3					0	0	0	0	compatible
	0	0	0.00	4	4					0	0	0	0	compatible
	0	0	0.00	5	5					0	0	0	0	compatible
	0	0	0.00	6	6					0	0	0	0	compatible
	0	0	0.00	7	7					0	0	0	0	compatible
	0	0	0.00	8	8					0	0	0	0	compatible
	0	0	0.00	9	9					0	0	0	0	compatible
	0	0	0.00	10	10					0	0	0	0	compatible
	0	0	0.00	11	11					0	0	0	0	compatible
	0	0	0.00	12	12					0	0	0	0	compatible
	0	0	0.00	13	13					0	0	0	0	compatible
	0	0	0.00	14	14					0	0	0	0	compatible
	0	0	0.00	15	15					0	0	0	0	compatible
	0	0	0.00	16	16					0	0	0	0	compatible
5000	0	20	2.30	<Totals>						417	0			

417

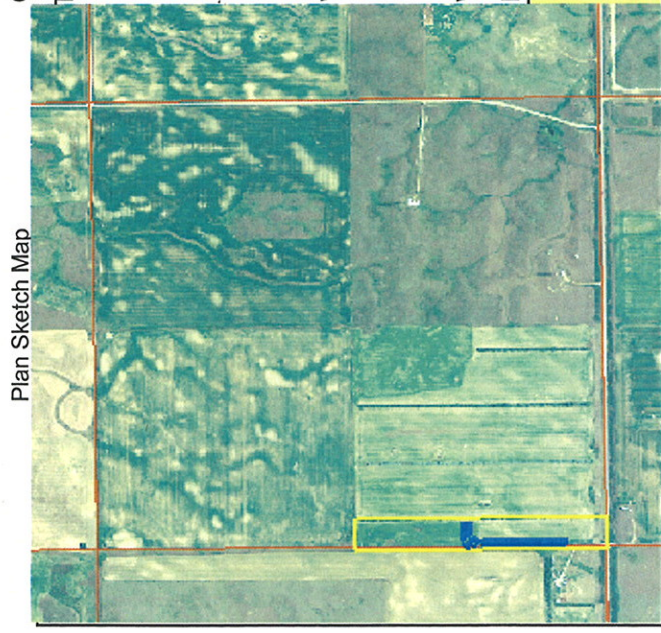
# Lynden Skaare

Agency: Williams County Soil Conservation District

## 36-158-98



Name **Todd Sletvold** Address **PO Box 1324, Williston, North Dakota 58801** Phone # **570-1932 or 87** Plan by **gf** 5-Dec-08  
 Quarter **SW 1/4** Section **23** Plan approved by: *Jamy Kottlander State Forester*  
 Twnshp. **154** Range **103** Date: **12/5/2008**



Plan Sketch Map

Farmstead  
 Not Followed  
 Type of Planting --> **New**  
 Site Preparation --> **<--Cost share Program**  
 Site protected from livestock?  
 Condition of site at planting time

Windward row to roads or bldgs. -> **16** feet (200' on N & W, and 100' on S & E)

Spacing between rows **16** feet

Soil Mapping Unit **2015 WILLIAMS**

Windbreak Suitability Groups **3** **1** **8** Planted by: **WILLIAMS**

Remarks / Management (Weed Control) **2100 big trees and 1611 shrubs**

Field No.	Planned Length	Planted Length	Planted Width	Planted Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Species	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Species	Primary Suitability	Alternating Species	Alternating Suitability	Comptability
860	18	0.36	1	Poplar, White	▼		▼	12	72	0	suitable	0	compatible			
860	16	0.32	2	Pine, Ponderosa	▼		▼	12	72	0	suitable	0	compatible			
860	16	0.32	3	Chokecherry, comm	▼		▼	4	215	0	suitable	0	compatible			
90	16	0.03	4	Plum, American	▼		▼	4	23	0	suitable	0	compatible			
90	16	0.03	5	Cherry, Nanking	▼		▼	4	23	0	suitable	0	compatible			
90	16	0.03	6	Pear, Ussurian	▼		▼	8	11	0	suitable	0	compatible			
90	16	0.03	7	Apricot, species	▼		▼	8	11	0	suitable	0	compatible			
250	16	0.09	8	Caragana	▼		▼	6	42	0	suitable	0	compatible			
200	16	0.07	9	Pine, Ponderosa	▼		▼	12	17	0	suitable	0	compatible			
176	16	0.06	10	Lilac, Common	▼		▼	4	44	0	suitable	0	compatible			
145	18	0.06	11	Currant, Golden	▼		▼	4	36	0	suitable	0	compatible			
	0	0.00	12		▼		▼		0	0	0	0	compatible			
	0	0.00	13		▼		▼		0	0	0	0	compatible			
	0	0.00	14		▼		▼		0	0	0	0	compatible			
	0	0.00	15		▼		▼		0	0	0	0	compatible			
	0	0.00	16		▼		▼		0	0	0	0	compatible			
3711	0	180	1.41	<Totals>					564	0						

566

# Todd Sletvold

Agency: Williams County Soil Conservation District



## Legend

- Practices (lines)
- Sletvold
- Divide PLSS
- Williams PLSS



## Appendix C

The following plans have been prepared for landowners receiving trees and shrubs that were donated by landowners crossed by the Trenton to Beaver Lodge Pipeline. Each landowner identified under appendix C is receiving a set amount of donated trees. In addition, each landowner is proposing to plant additional trees and shrubs at their own expense. The plans identified within represent both donated and self-planted trees and shrubs. A table identifying the amount of donated trees to be provided to each landowner is provided below. Approximately 5,072 trees and shrubs would be planted/donated on the properties presented under this appendix.

<b>Landowner</b>	<b>Number of Trees and Shrubs</b>
Erickson, Bobbie	440
Moen, Craig	695
Vallevik, Dan	1,174
Vallevik, Chris	211
Bartshi, Kent	400
Bureau, Jim	400
Hughes, Joe	102
Irgens, Tom	400
Kueffler, Mike	400
Nelson, David	250
Stone, Nessel	250
Tofte, Cal	350
<b>TOTAL</b>	<b>5,072</b>



Robert Erickson

Agency:

5-154-101



**Legend**

- Practices (lines)
- Erickson
- Williams PLSS



TREE AND SHRUB PLANTING WORKSHEET

Williams County, ND

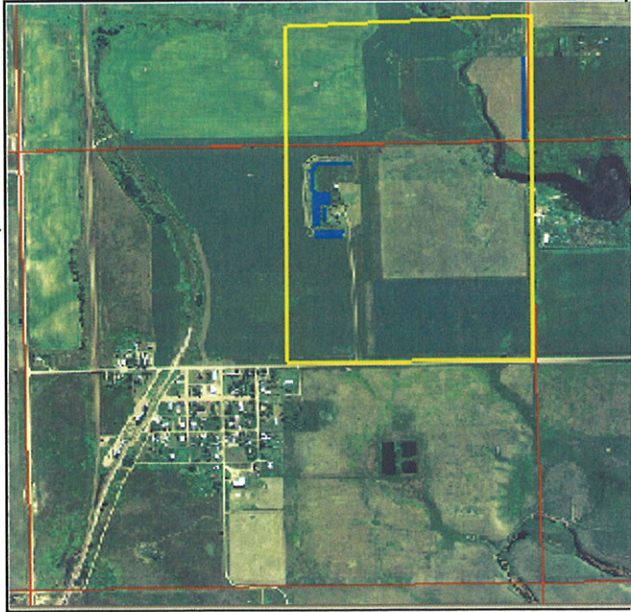
Name Corey Moen

Address 5938 133rd Rd NW, Epping, North Dakota 58843

Phone # 701-580-2817 Plan by gf 26-Jan-09

*Larry K. Johnson*  
*Sate Maitlen*

Plan Sketch Map



Quarter SE 1/4

Section 1 Plan approved by: *Larry K. Johnson*

Range 99 Date: 9-02-2008

Farmstead  Type of Planting--> New NA

Fallow  Site Preparation  Cost share Program

Yes  Site protected from livestock?

Condition of site at planting time

Windward row to roads or bldgs.-> 16 feet (200' on N & W, and 100' on S & E)

Spacing between rows 16 feet

Soil Mapping Unit 2015 WILLIAMS

Windbreak Suitability Group 3 1 8 Planted by: *[Redacted]*

Date: *[Redacted]*

3024 trees and 1324 shrubs

Field No.	Planned Length	Planted Length	Width	Planted Acres	Row #	Species of Tree or Shrub	Type or Variety	Alternating Specie	Average		Primary Specie	Alternating Specie	Compatibility
									Spacing in row	Number Planted (est)			
438	18	0.18	1	Pine, Ponderosa	▼			12	37	0	suitable	0	compatible
686	16	0.25	2	Caragana	▼			4	172	0	suitable	0	compatible
438	16	0.16	3	Pine, Ponderosa	▼			12	37	0	suitable	0	compatible
438	16	0.16	4	Pine, Ponderosa	▼			12	37	0	suitable	0	compatible
438	16	0.16	5	Pine, Ponderosa	▼			12	37	0	suitable	0	compatible
188	16	0.07	6	Lilac, Common	▼			4	47	0	suitable	0	compatible
163	16	0.06	7	Plum, American	▼			4	41	0	suitable	0	compatible
151	16	0.06	8	Juneberry	▼			4	38	0	suitable	0	compatible
136	16	0.05	9	Cherry, Nanking	▼			4	34	0	suitable	0	compatible
136	16	0.05	10	Apricot, species	▼			8	17	0	suitable	0	compatible
136	16	0.05	11	Currant, Golden	▼			4	34	0	suitable	0	compatible
1000	18	0.41	12	Juniper, Rocky Mtn.	▼			6	167	0	suitable	0	compatible
	0	0.00	13		▼				0	0	0	0	compatible
	0	0.00	14		▼				0	0	0	0	compatible
	0	0.00	15		▼				0	0	0	0	compatible
	0	0.00	16		▼				0	0	0	0	compatible
4348	0	196	1.66	<Totals>					695	0			

698



**Legend**

— Practices (lines)

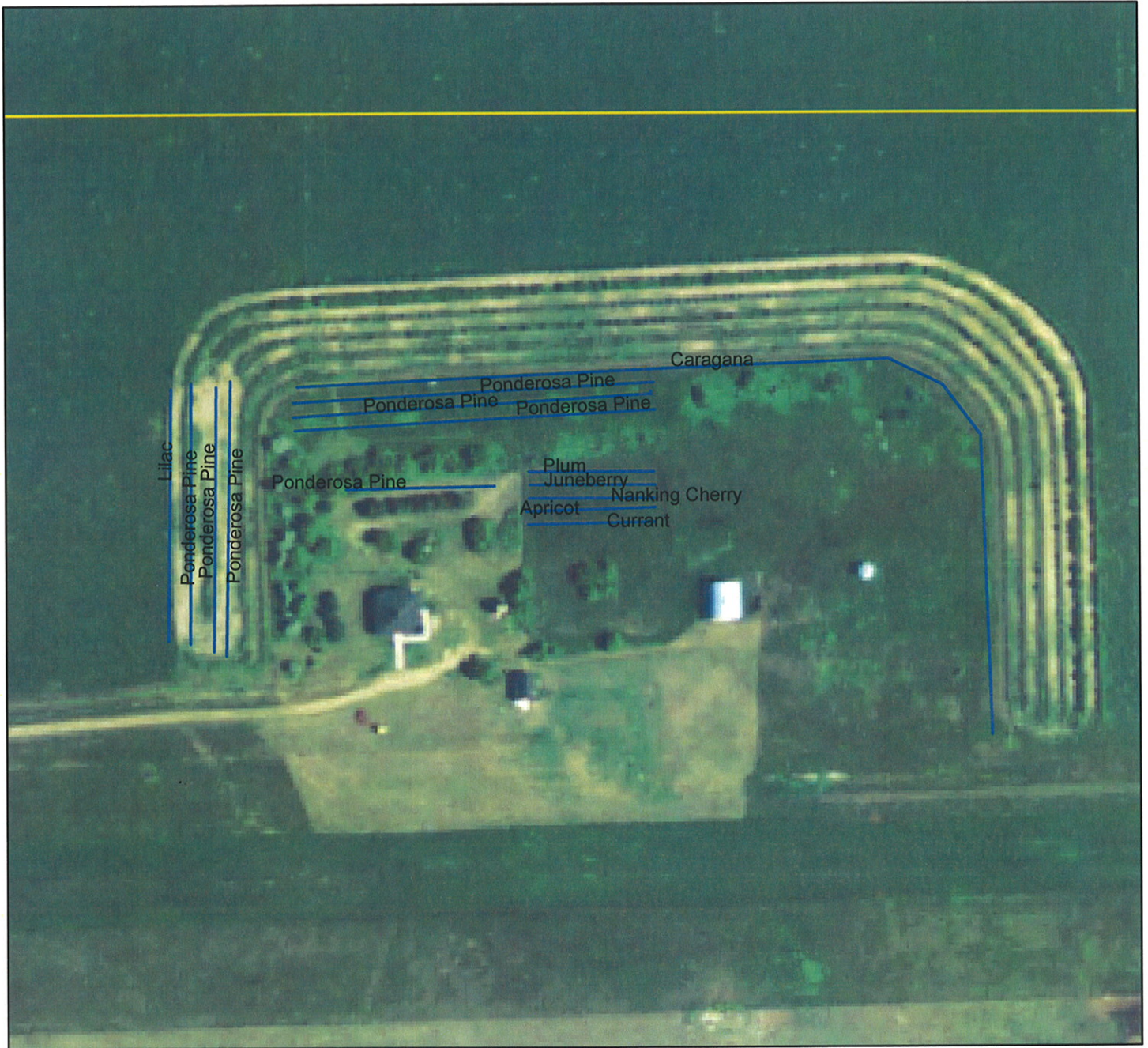
□ Cory Moen

\* \* Resource Inventory (Line)

□ Williams PLSS



1-155-99



**Legend**

— Practices (lines)

▭ Cory Moen

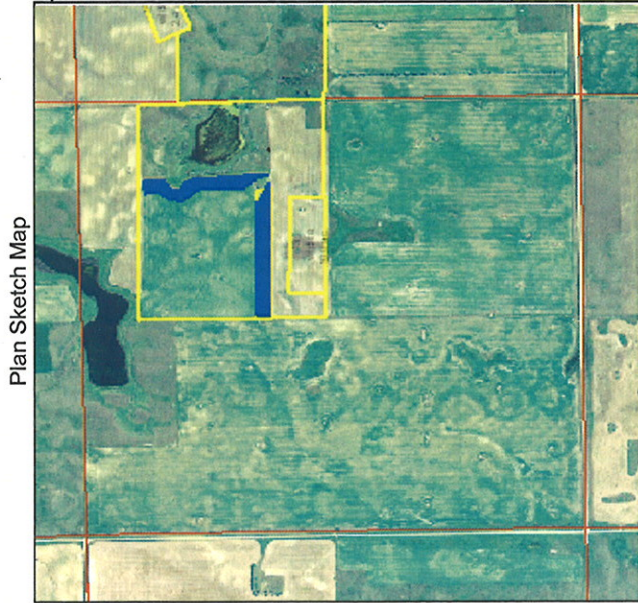
\* \* Resource Inventory (Line)

▭ Williams PLSS



TREE AND SHRUB PLANTING WORKSHEET Williams County, ND

Name Dan Vallevik Address 6881 131st Ave NW, Williston, North Dakota 588 Quarter NE 1/4 Plan by gf 14-Jan-09  
 Phone # 826-3541 Section 24 Plan approved by: *Jamy Williams*  
 Township 157 Range 100 Date: 01/14/2009 *Site Director*



Wildlife  Type of Planting--> New  NA  
 Not Followed  Site Preparation None  <-Cost share Program

<--Site protected from livestock?  
 <--Condition of site at planting time  
 Windward row to roads or bldgs.--> feet (200'on N & W, and 100' on S & E)

Spacing between rows 16 feet

Soil Mapping Unit 2032 WILLIAMS

Windbreak Suitability Group 3 8 1 Planted by:  
 Remarks / Management (Weed Control) Date:

2495 feet big trees and 5090 shrubs

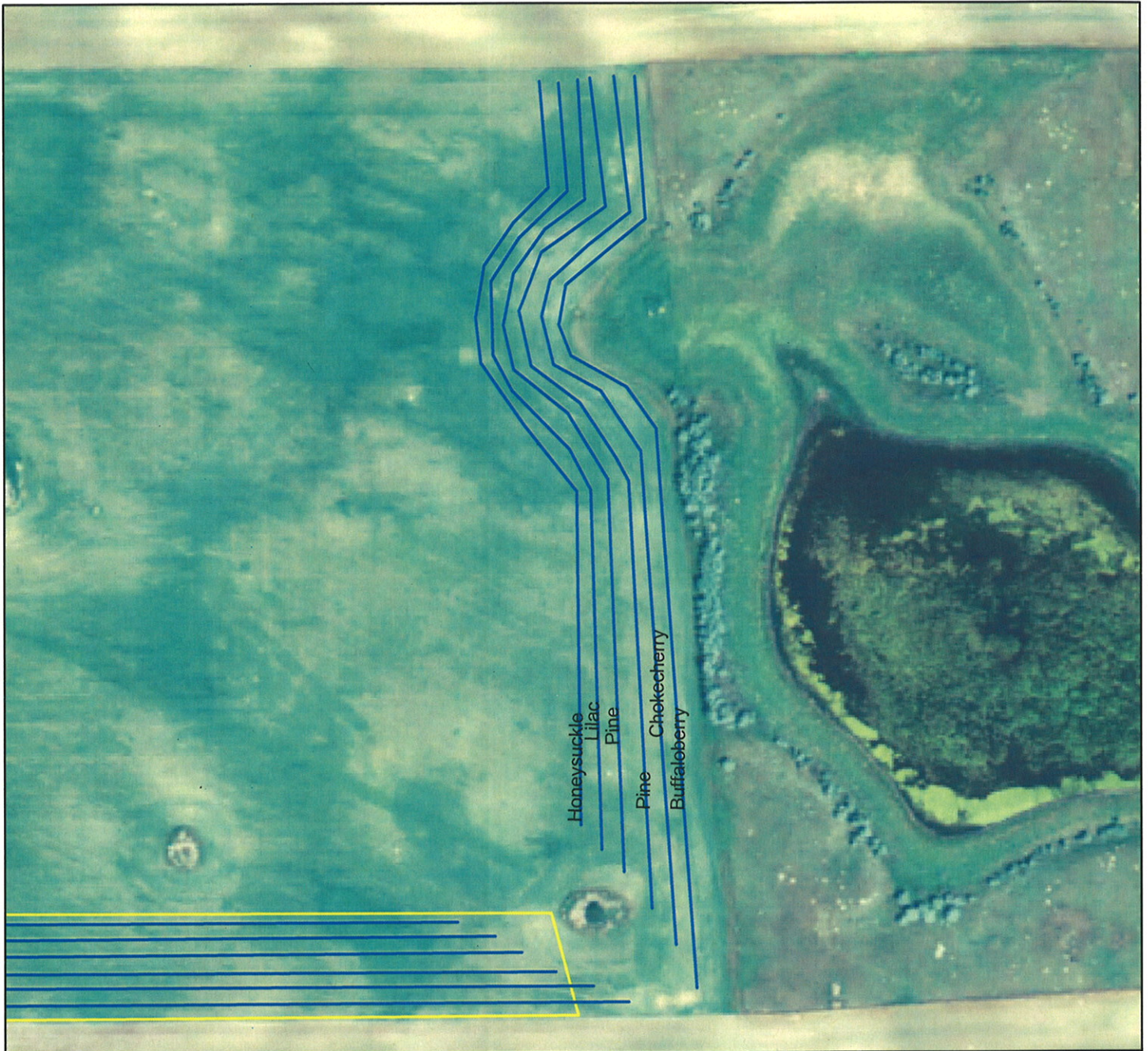
Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Species	Average Spacing in row	Number Planted		Primary Species	Alternating Species	Suitability	Compatibility
										(est)	(actual)				
1165	18	0.48	1			Honeysuckle, Blueberry			4	291	0	suitable	0	compatible	
1195	16	0.44	2			Lilac, Common			4	299	0	suitable	0	compatible	
1225	16	0.45	3			Pine, Ponderosa			12	102	0	suitable	0	compatible	
1270	16	0.47	4			Pine, Ponderosa			12	106	0	suitable	0	compatible	
1330	16	0.49	5			Chokecherry, comm			4	333	0	suitable	0	compatible	
1400	18	0.58	6			Buffaloberry			6	233	0	suitable	0	compatible	
	0	0.00	7							0	0	0	0	compatible	
	0	0.00	8							0	0	0	0	compatible	
	0	0.00	9							0	0	0	0	compatible	
	0	0.00	10							0	0	0	0	compatible	
	0	0.00	11							0	0	0	0	compatible	
	0	0.00	12							0	0	0	0	compatible	
	0	0.00	13							0	0	0	0	compatible	
	0	0.00	14							0	0	0	0	compatible	
	0	0.00	15							0	0	0	0	compatible	
	0	0.00	16							0	0	0	0	compatible	
	7585	0	100	2.90						1364	0				

<Totals>

# Enbridge Trees 2009

Customer(s): DANIEL MARK VALLEVIK

Agency: NRCS



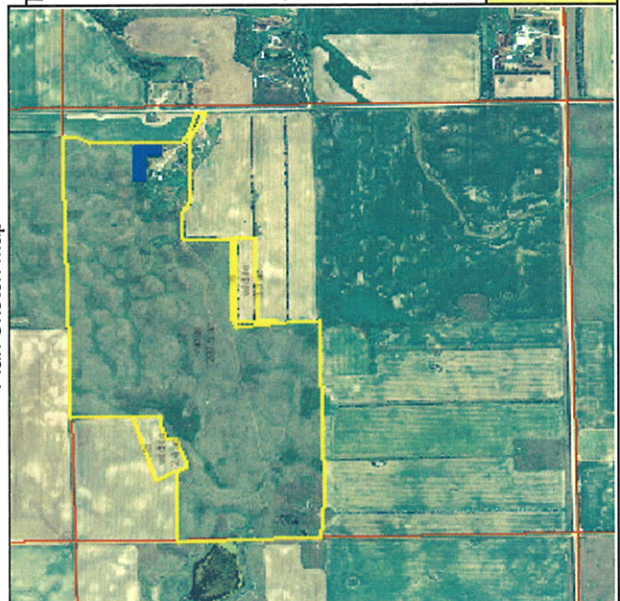
## Legend

- Practices (lines)
- whip
- Williams PLSS



TREE AND SHRUB PLANTING WORKSHEET Williams County, ND

Name Dan Vallevik Address 6881 131st Ave NW, Williston, North Dakota 588 Quarter NE 1/4 Section 19 Plan by gf 14-Jan-09  
 Phone # 826-3541 Plan approved by: *Jany G. Johnson*  
 Range 100 Date: 01/14/2009 State Forester



Wildlife  Type of Planting--> New  NA  
 Not Followed  Site Preparation WHIP  <-Cost share Program  
 <--Site protected from livestock?  
 <--Condition of site at planting time  
 Windward row to roads or bldgs.--> feet (200'on N & W, and 100' on S & E)

Spacing between rows 16 feet  
 Soil Mapping Unit 2032 WILLIAMS  
 Windbreak Suitability Group 3 8 1 Planted by:  
 Remarks / Management (Weed Control) Date:

2470 feet big trees and 2118 shrubs

Field No.	Planned Length	Planted Length	Planted Width	Planted Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Species	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary Species	Alternating Species	Suitability	Compatibility
700	18	0.29	1	Maple, Amur	▼			8	88	0	suitable	0	compatible		
664	16	0.24	2	Crabapple, species	▼			6	111	0	suitable	0	compatible		
628	16	0.23	3	Pine, Ponderosa	▼			12	52	0	suitable	0	compatible		
592	16	0.22	4	Pine, Ponderosa	▼			12	49	0	suitable	0	compatible		
550	16	0.20	5	Pine, Ponderosa	▼			12	46	0	suitable	0	compatible		
520	16	0.19	6	Chokecherry, comm	▼	SHUBER		4	130	0	suitable	0	compatible		
484	16	0.18	7	Lilac, Common	▼			4	121	0	suitable	0	compatible		
450	18	0.19	8	Buffaloberry	▼			6	75	0	suitable	0	compatible		
	0	0.00	9		▼				0	0	0	0	compatible		
	0	0.00	10		▼				0	0	0	0	compatible		
	0	0.00	11		▼				0	0	0	0	compatible		
	0	0.00	12		▼				0	0	0	0	compatible		
	0	0.00	13		▼				0	0	0	0	compatible		
	0	0.00	14		▼				0	0	0	0	compatible		
	0	0.00	15		▼				0	0	0	0	compatible		
	0	0.00	16		▼				0	0	0	0	compatible		
4588	0	132	1.74	<Totals>											

672

# Enbridge Trees 2009

Customer(s): DANIEL MARK VALLEVIK

Agency: NRCS



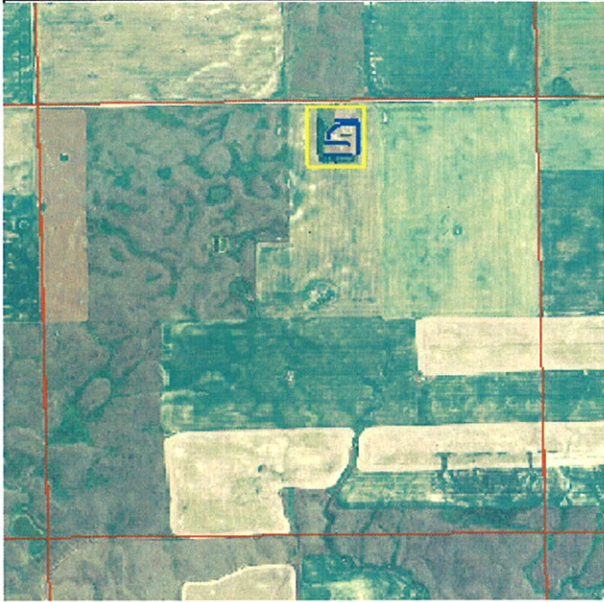
## Legend

- Practices (lines)
- whip
- Williams PLSS



TREE AND SHRUB PLANTING WORKSHEET Williams County, ND

Name Chris Vallevik Address 6878 131st Ave NW, Williston, North Dakota 5881 Phone # 826-3451 Plan by gf 27-Jan-09  
 Quarter SE 1/4 Section 2 Plan approved by: *Jenny Kollman*  
 Township 157 Range 100 Date: 10/27/2008 *Sally Trester*



Plan Sketch Map

Field  Type of Planting--> Replant  Original Date:

Not Followed  <--Site Preparation EQIP  <--Cost share Program

<--Site protected from livestock?

<--Condition of site at planting time

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

Spacing between rows 16 feet

Soil Mapping Unit 2031  WILLIAMS

Windbreak Suitability Group 3 8 3 Planted by:

Remarks / Management (Weed Control) Date:

930 feet big trees 655 feet shrubs

Field No.	Planned Length	Planted Length	Planted Width	Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Species	Average Spacing in row	Number Planted (est)	Number Planted (actual)	Primary			Alternating		
												Species	Suitability	Compatibility	Species	Suitability	Compatibility
320	18	0.13	1	Maple, Amur	▼	▼	▼	8	40	0	suitable	0	compatible				
320	16	0.12	2	Dogwood	▼	▼	▼	5	64	0	suitable	0	compatible				
390	16	0.14	3	Larch, Siberian	▼	▼	▼	12	33	0	suitable	0	compatible				
220	16	0.08	4	Oak, Bur	▼	▼	▼	12	18	0	suitable	0	compatible				
335	18	0.14	5	Caragana	▼	▼	▼	6	56	0	suitable	0	compatible				
	0	0.00	6		▼	▼	▼		0	0	0	0	compatible				
	0	0.00	7		▼	▼	▼		0	0	0	0	compatible				
	0	0.00	8		▼	▼	▼		0	0	0	0	compatible				
	0	0.00	9		▼	▼	▼		0	0	0	0	compatible				
	0	0.00	10		▼	▼	▼		0	0	0	0	compatible				
	0	0.00	11		▼	▼	▼		0	0	0	0	compatible				
	0	0.00	12		▼	▼	▼		0	0	0	0	compatible				
	0	0.00	13		▼	▼	▼		0	0	0	0	compatible				
	0	0.00	14		▼	▼	▼		0	0	0	0	compatible				
	0	0.00	15		▼	▼	▼		0	0	0	0	compatible				
	0	0.00	16		▼	▼	▼		0	0	0	0	compatible				
1585	0	84	0.61	<Totals>						211	0	0	0	0	0	0	0

211

2-157-100



**Legend**

— Practices (lines)

□ Chris Vallevik

\* \* Resource Inventory (Line)

□ Williams PLSS



Name **Kent Bartschi** Address **PO Box 2582, Williston, North Dakota 58801** Phone # **701-770-0653** Plan by **gf** Date: **27-Jan-09**  
 Quarter **NW 1/4** Section **21** Plan approved by: *Jamy Holman*  
 Township **154** Range **100** Date: **10/15/2008** State *tree*

Plan Sketch Map

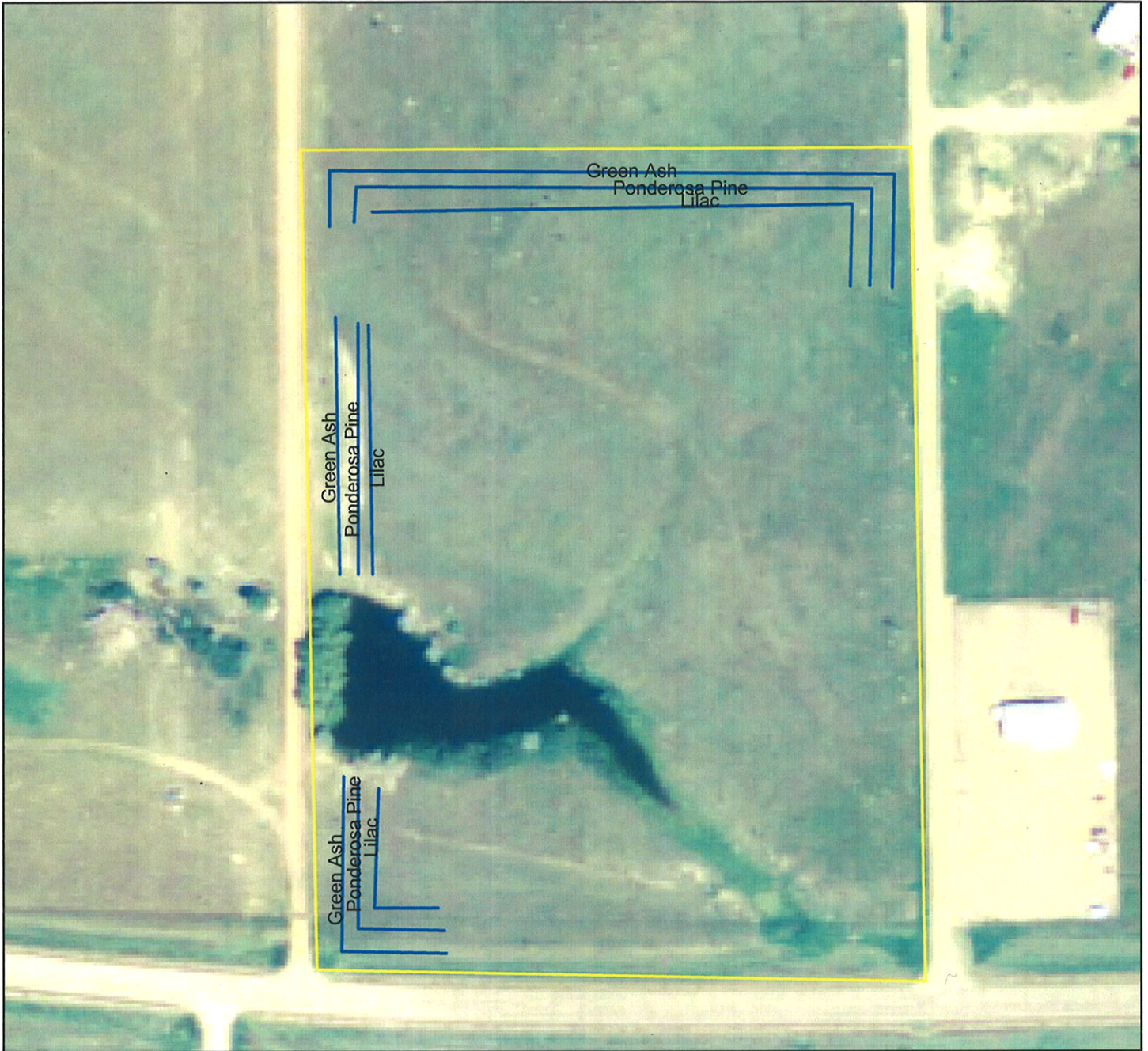


Farmstead  Type of Planting-->  New  NA  
 Windward row to roads or bldgs.->  16 feet  <--Site Preparation  <--Cost share Program  
 Spacing between rows  2338  AMOR  
 Soil Mapping Unit  6D  3  Planted by:   
 Windbreak Suitability Group  3  Planted by:   
 Windward row to roads or bldgs.->  feet (200' on N & W, and 100' on S & E)  
 Spacing between rows  feet  
 Soil Mapping Unit  AMOR  
 Windbreak Suitability Group  3  Planted by:   
 Remarks / Management (Weed Control)  Date:   
 2500 feet big trees, 1202 feet shrubs

Field No.	Planned Length	Planted Length	Planted Width	Planted 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	Alternating Specie	Primary Suitability	Alternating Suitability	Compatibility
1266	18	0.52	1	Ash, Green	▼			12	106	0	suitable	0	compatible	0	compatible	
1234	16	0.45	2	Pine, Ponderosa	▼			12	103	0	suitable	0	compatible	0	compatible	
1202	18	0.50	3	Lilac, Common	▼			4	301	0	suitable	0	compatible	0	compatible	
	0	0.00	4		▼				0	0	0	0	compatible	0	compatible	
	0	0.00	5		▼				0	0	0	0	compatible	0	compatible	
	0	0.00	6		▼				0	0	0	0	compatible	0	compatible	
	0	0.00	7		▼				0	0	0	0	compatible	0	compatible	
	0	0.00	8		▼				0	0	0	0	compatible	0	compatible	
	0	0.00	9		▼				0	0	0	0	compatible	0	compatible	
	0	0.00	10		▼				0	0	0	0	compatible	0	compatible	
	0	0.00	11		▼				0	0	0	0	compatible	0	compatible	
	0	0.00	12		▼				0	0	0	0	compatible	0	compatible	
	0	0.00	13		▼				0	0	0	0	compatible	0	compatible	
	0	0.00	14		▼				0	0	0	0	compatible	0	compatible	
	0	0.00	15		▼				0	0	0	0	compatible	0	compatible	
	0	0.00	16		▼				0	0	0	0	compatible	0	compatible	
3702	0	52	1.47	<Totals>						509	0					

510

21-154-100



**Legend**

— Practices (lines)

□ Bartschi

\* \* Resource Inventory (Line)

□ Williams PLSS



TREE AND SHRUB PLANTING WORKSHEET

Williams County, ND

Name Jim Burau

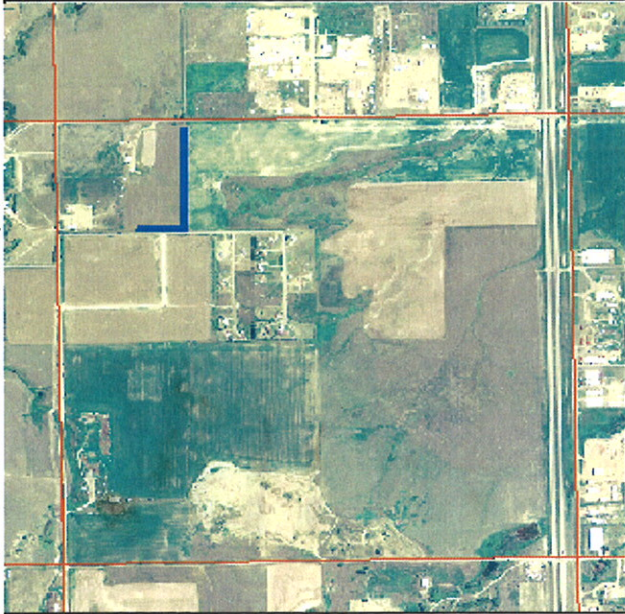
Address 5085 139th Ave NW, Williston, ND 58801

Phone # 701-770-6003

Plan by gf

27-Jan-09

Plan Sketch Map



Quarter NE 1/4

Township 154

Section 20

Range 101

Plan approved by:

Date: 9/17/2008

*Jamy Blotner*  
*State Forester*

Farmstead  
 Fallow  
 <--Type of Planting--> New  
 <--Site Preparation  
 <--Site protected from livestock?  
 <--Condition of site at planting time

NA

<--Cost share Program

Windward row to roads or bldgs.-> 16 feet (200' on N & W, and 100' on S & E)

Spacing between rows 16 feet

Soil Mapping Unit 1128 LEHR

Windbreak Suitability Groups 6G 10 6G Planted by:

Remarks / Management (Weed Control) Date:

1500 feet shrub 1500 feet big tree

Field No.	Planned Length	Planted Length	Planted Width	Planted 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	Alternating Specie	Suitability	Compatibility
1500	18	0.62	1	Chokecherry, comm	SHUBER		4	375	0	suitable	0	compatible			
1500	18	0.62	2	Silverberr		8	188	0	suitable	0	compatible				
	0	0.00	3					0	0	0	0	compatible			
	0	0.00	4					0	0	0	0	compatible			
	0	0.00	5					0	0	0	0	compatible			
	0	0.00	6					0	0	0	0	compatible			
	0	0.00	7					0	0	0	0	compatible			
	0	0.00	8					0	0	0	0	compatible			
	0	0.00	9					0	0	0	0	compatible			
	0	0.00	10					0	0	0	0	compatible			
	0	0.00	11					0	0	0	0	compatible			
	0	0.00	12					0	0	0	0	compatible			
	0	0.00	13					0	0	0	0	compatible			
	0	0.00	14					0	0	0	0	compatible			
	0	0.00	15					0	0	0	0	compatible			
	0	0.00	16					0	0	0	0	compatible			
3000	0	36	1.24	<Totals>											

563

20-154-101



**Legend**

— Practices (lines)

□ Jim Burau

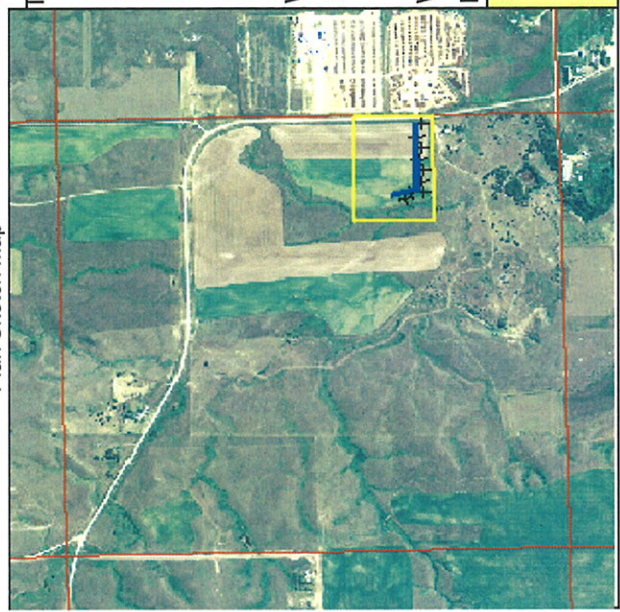
\* \* Resource Inventory (Line)

□ Williams PLSS



Name Joe and Sheila Hughes Address 5549 138th Ave NW, Williston, ND 58801 Phone # 875-4401 Plan by gf 27-Jan-09  
 Plan approved by: *Lamy Tolbman* Date: 10/28/2008 *Site Master*

Quarter SE 1/4 Section 34 Plan approved by:  
 Township 155 Range 101 Date: 10/28/2008



Farmstead  <--Type of Planting--> New  NA  
 Not Followed  <--Site Preparation  <--Cost share Program  
 <--Site protected from livestock?  
 <--Condition of site at planting time

Windward row to roads or bldgs.-> 200 feet (200' on N & W, and 100' on S & E)  
 Spacing between rows 20 feet

Soil Mapping Unit 2015 WILLIAMS

Windbreak Suitability Group 3 1 8 Planted by:

Remarks / Management (Weed Control) Date:

1220 feet big trees

Field No.	Planned Length	Planted Length	Planted Width	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Species	Average Spacing		Number Planted (actual)	Primary Species		Alternating Species	Suitability	Compatibility
								in row	(est)		Suitability	Species			
	0	0.00	1							0	0	0	0	0	compatible
	20	0.56	2		Spruce, Blue			12	102	0	suitable	0	0	0	compatible
	0	0.00	3							0	0	0	0	0	compatible
	0	0.00	4							0	0	0	0	0	compatible
	0	0.00	5							0	0	0	0	0	compatible
	0	0.00	6							0	0	0	0	0	compatible
	0	0.00	7							0	0	0	0	0	compatible
	0	0.00	8							0	0	0	0	0	compatible
	0	0.00	9							0	0	0	0	0	compatible
	0	0.00	10							0	0	0	0	0	compatible
	0	0.00	11							0	0	0	0	0	compatible
	0	0.00	12							0	0	0	0	0	compatible
	0	0.00	13							0	0	0	0	0	compatible
	0	0.00	14							0	0	0	0	0	compatible
	0	0.00	15							0	0	0	0	0	compatible
	0	0.00	16							0	0	0	0	0	compatible
	1220	0	20	0.56		<Totals>				102	0	0	0	0	compatible

102

34-155-101



**Legend**

- Practices (lines)
- Joe Hughes
- \* \* \* Resource Inventory (Line)
- Williams PLSS



TREE AND SHRUB PLANTING WORKSHEET

Williams County, ND

Name Tom Irgens

Address 6260 129th Ave NW, Springbrook, North Dakota

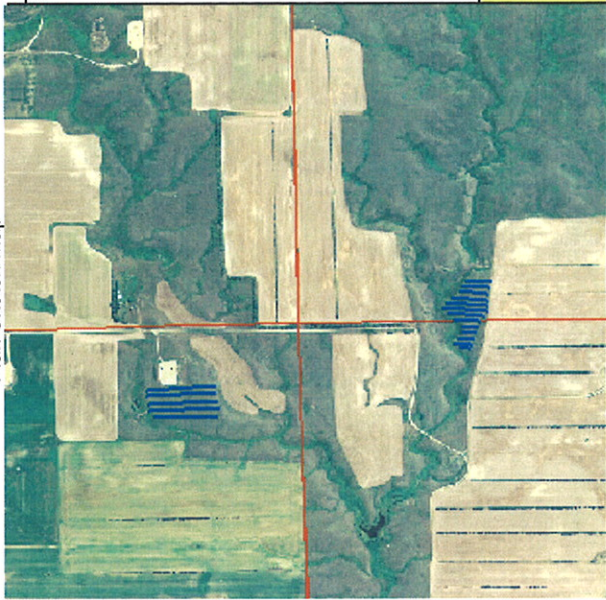
Phone # 859-3412 or 770

Plan by gf

27-Jan-09

*Jamy Holman*  
State Forester

Plan Sketch Map



Quarter

Twship 156

Section

Range 100

Plan approved by:

Date: 01/12/2009

Field	▼	←--Type of Planting-->	New	▼	NA
Fallow	▼	←--Site Preparation	None	▼	←-Cost share Program
	▼	←--Site protected from livestock?			
	▼	←--Condition of site at planting time			

Windward row to roads or bldgs.-> 16 feet (200' on N & W, and 100' on S & E)

Spacing between rows 16 feet

Soil Mapping Unit 2032 WILLIAMS

Windbreak Suitability Group 3 8 1 Planted by:

Remarks / Management (Weed Control) Date:

Planting # 2 of 2 pages  
6772 feet big trees and 5726 feet shrubs

Field No.	Planned Length	Planted Length	Planted Width	Row 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	Compatibility
700	18	0.29	1			Pine, Ponderosa	▼		12	58	0	suitable	0	compatible
700	16	0.26	2			Pine, Ponderosa	▼		12	58	0	suitable	0	compatible
700	16	0.26	3			Pine, Ponderosa	▼		12	58	0	suitable	0	compatible
700	16	0.26	4			Pine, Ponderosa	▼		12	58	0	suitable	0	compatible
700	16	0.26	5			Pine, Ponderosa	▼		12	58	0	suitable	0	compatible
818	16	0.30	6			Buffaloberry	▼		6	136	0	suitable	0	compatible
818	16	0.30	7			Caragana	▼		6	136	0	suitable	0	compatible
818	16	0.30	8			Crabapple, species	▼		6	136	0	suitable	0	compatible
818	16	0.30	9			Chokecherry, comm	▼		4	205	0	suitable	0	compatible
818	16	0.30	10			Currant, Golden	▼		4	205	0	suitable	0	compatible
818	16	0.30	11			Juniper, Rocky Mtn.	▼		6	136	0	suitable	0	compatible
818	16	0.30	12			Pine, Ponderosa	▼		12	68	0	suitable	0	compatible
818	16	0.30	13			Elm, Siberian	▼		12	68	0	suitable	0	compatible
818	16	0.30	14			Lilac, Common	▼		4	205	0	suitable	0	compatible
818	16	0.30	15			Pear, Ussurian	▼		8	102	0	suitable	0	compatible
818	18	0.34	16			Plum, American	▼		4	205	0	suitable	0	compatible

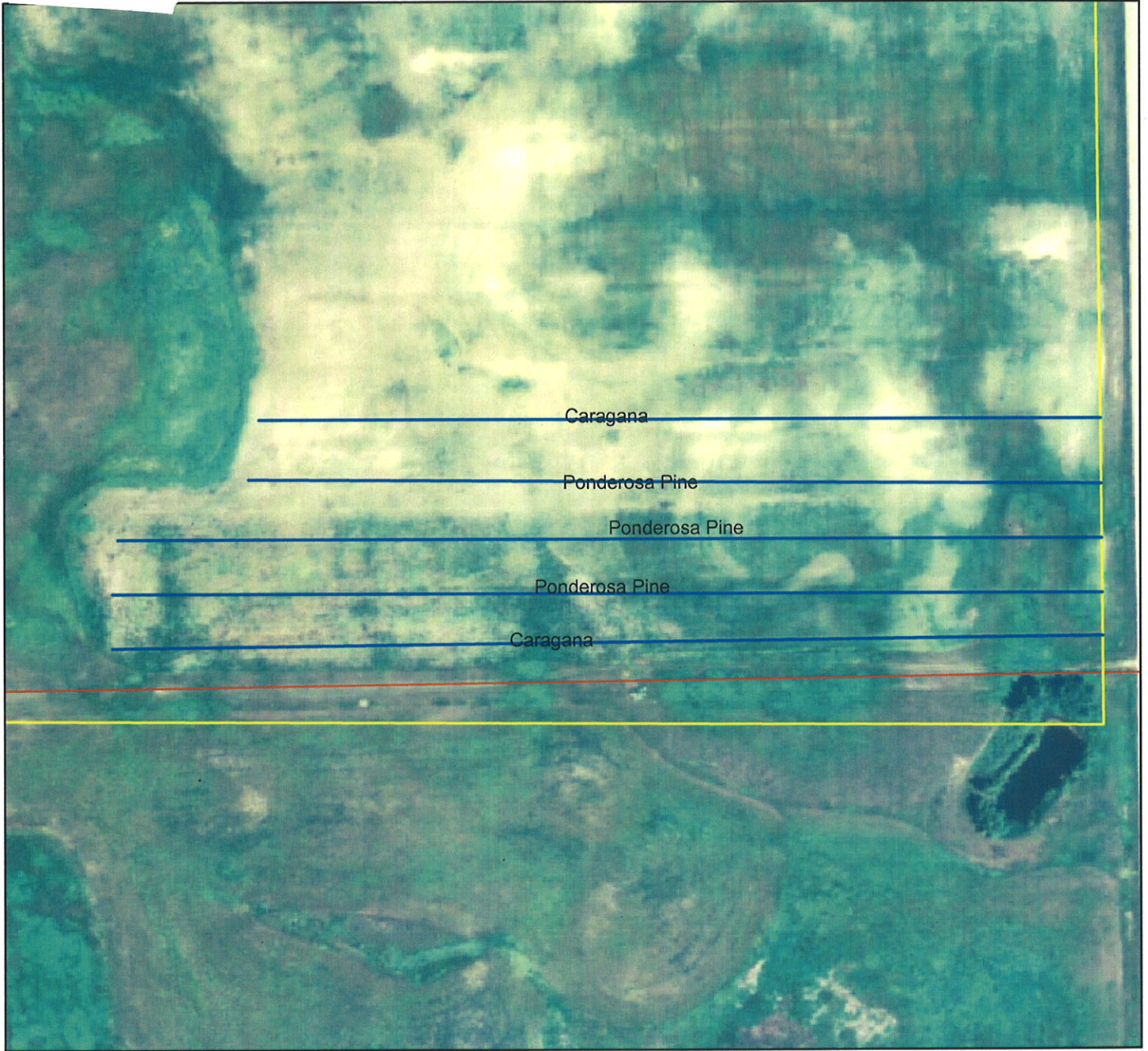
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1894 0

1834

17-156-100



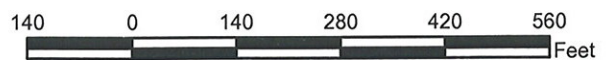
**Legend**

— Practices (lines)

□ Tom Irgens

\* \* Resource Inventory (Line)

□ Williams PLSS



TREE AND SHRUB PLANTING WORKSHEET

Williams County, ND

Name Mike Kueffler

Address 14926 74th St. W, Genora, North Dakota 58845

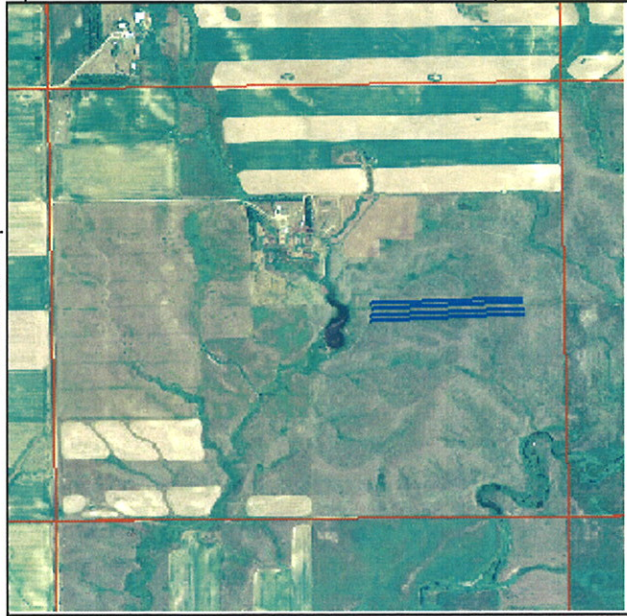
Phone # 694-4061

Plan by gf

27-Jan-09

*Jamy Holman*  
*Site Manager*

Plan Sketch Map



Quarter SW 1/4

Township 158

Section 30

Range 102

Plan approved by:

Date: 9-8-2008

Field	▼	<--Type of Planting-->	▼	New
Fallow	▼	<--Site Preparation	▼	None
	▼	<--Site protected from livestock?		
	▼	<--Condition of site at planting time		

NA

<--Cost share Program

Windward row to roads or bldgs.-> 18 feet (200' on N & W, and 100' on S & E)

Spacing between rows 18 feet

Soil Mapping Unit 2015 WILLIAMS

Windbreak Suitability Groups 3 1 8 Planted by:

Remarks / Management (Weed Control) Date:

2880 big trees, 1440 shrubs

Field No.	Planned Length	Planted Length	Planted Width	Planted 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	Compatibility
1440	19	0.63	1	Pine, Ponderosa	▼			12	120	0	suitable	0	0	compatible
1440	18	0.60	2	Larch, Siberian	▼			12	120	0	suitable	0	0	compatible
1440	19	0.63	3	Chokecherry, comm	▼	SHUBER		4	360	0	suitable	0	0	compatible
	0	0.00	4		▼				0	0	0	0	0	compatible
	0	0.00	5		▼				0	0	0	0	0	compatible
	0	0.00	6		▼				0	0	0	0	0	compatible
	0	0.00	7		▼				0	0	0	0	0	compatible
	0	0.00	8		▼				0	0	0	0	0	compatible
	0	0.00	9		▼				0	0	0	0	0	compatible
	0	0.00	10		▼				0	0	0	0	0	compatible
	0	0.00	11		▼				0	0	0	0	0	compatible
	0	0.00	12		▼				0	0	0	0	0	compatible
	0	0.00	13		▼				0	0	0	0	0	compatible
	0	0.00	14		▼				0	0	0	0	0	compatible
	0	0.00	15		▼				0	0	0	0	0	compatible
	0	0.00	16		▼				0	0	0	0	0	compatible
4320	0	56	1.85	<Totals>						600	0			

600



**Legend**

— Practices (lines)

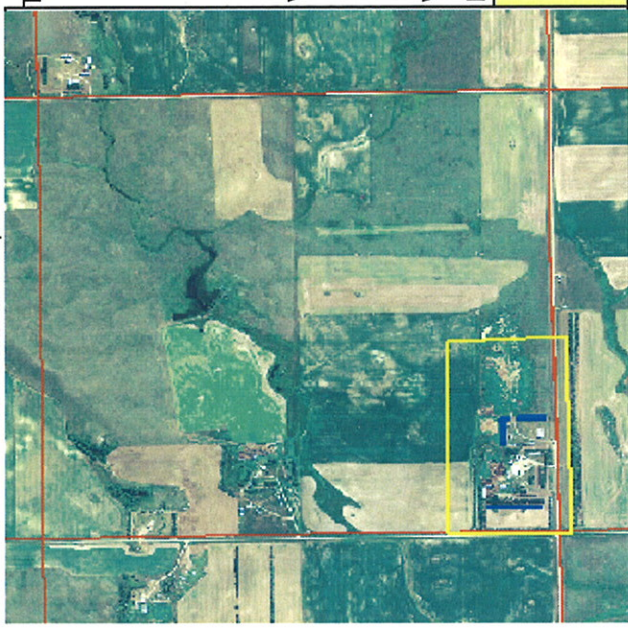
□ Kueffler

\* \* Resource Inventory (Line)

□ Williams PLSS



Name David Nelson Address 1516 Main, Williston, North Dakota 58801 Phone # 572-3566 Plan by gf 27-Jan-09  
 Quarter SE 1/4 Section 20 Plan approved by: *Jany Holten*  
 Township 157 Range 99 Date: 12-10-2008 *State trailer*



Plan Sketch Map

Farmstead  Type of Planting--> Replant  Original Date:   
 Fallow  Site Preparation <--Cost share Program  
 Site protected from livestock?  
 Condition of site at planting time  
 Windward row to roads or bldgs.--> feet (200'on N & W, and 100' on S & E)  
 Spacing between rows feet  
 Soil Mapping Unit 2353 LIVONA Planted by:  
 Windbreak Suitability Group 5 8 3 Date:  
 Remarks / Management (Weed Control) Date:  
 1275 feet big trees and 685 shrubs

Field No.	Planned Length	Planted Length	Planted Width	Planted 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	Alternating Specie	Suitability	Compatibility
550	10	0.13	1	Pine, Ponderosa	▼			12	46	0	suitable	0	compatible		
685	0	0.00	2	Lilac, Common	▼			4	171	0	suitable	0	compatible		
725	10	0.17	3	Pine, Ponderosa	▼			12	60	0	suitable	0	compatible		
	0	0.00	4		▼				0	0	0	0	compatible		
	0	0.00	5		▼				0	0	0	0	compatible		
	0	0.00	6		▼				0	0	0	0	compatible		
	0	0.00	7		▼				0	0	0	0	compatible		
	0	0.00	8		▼				0	0	0	0	compatible		
	0	0.00	9		▼				0	0	0	0	compatible		
	0	0.00	10		▼				0	0	0	0	compatible		
	0	0.00	11		▼				0	0	0	0	compatible		
	0	0.00	12		▼				0	0	0	0	compatible		
	0	0.00	13		▼				0	0	0	0	compatible		
	0	0.00	14		▼				0	0	0	0	compatible		
	0	0.00	15		▼				0	0	0	0	compatible		
	0	0.00	16		▼				0	0	0	0	compatible		
<Totals>										278	0				

277

20-157-99



**Legend**

— Practices (lines)

□ David Nelson

\* \* Resource Inventory (Line)

□ Williams PLSS



TREE AND SHRUB PLANTING WORKSHEET

Williams County, ND

Name Betty Neset Rstated Far

Address PO Box 248, Tioga, North Dakota 58852

Phone # 303-483-8003

Plan by gf

27-Jan-09

*Jany Johnson*  
Date: 10/23/2008 *5:42 PM*

Plan Sketch Map



Quarter SE 1/4

Section 24

Plan approved by:

Township 157

Range 95

Date: 10/23/2008

Farmstead  
 Not Fallowed  
 <--Type of Planting--> New  
 <--Site Preparation  
 <--Cost share Program

<--Site protected from livestock?

<--Condition of site at planting time

Windward row to roads or bldgs.-> 16 feet (200'on N & W, and 100' on S & E)

Spacing between rows 16 feet

Soil Mapping Unit 2015 WILLIAMS

Windbreak Suitability Groups 3 1 8 Planted by:

Remarks / Management (Weed Control) Date:

908 feet shrubs 1122 feet big trees

Field No.	Planned Length	Planted Length	Planted Width	Planted Acres	Row #	Primary Species of Tree or Shrub	Type or Variety	Alternating Specie	Number		Primary Specie	Alternating Specie	Suitability	Compatibility
									Planted (est)	Planted (actual)				
470	18	0.19	1	Lilac, Common	▼	4	118	0	suitable	0	compatible	0	compatible	
438	16	0.16	2	Caragana	▼	6	73	0	suitable	0	compatible	0	compatible	
406	16	0.15	3	Larch, Siberian	▼	12	34	0	suitable	0	compatible	0	compatible	
374	16	0.14	4	Ash, Green	▼	12	31	0	suitable	0	compatible	0	compatible	
342	18	0.14	5	Spruce, Blue	▼	12	29	0	suitable	0	compatible	0	compatible	
	0	0.00	6		▼		0	0	0	0	compatible	0	compatible	
	0	0.00	7		▼		0	0	0	0	compatible	0	compatible	
	0	0.00	8		▼		0	0	0	0	compatible	0	compatible	
	0	0.00	9		▼		0	0	0	0	compatible	0	compatible	
	0	0.00	10		▼		0	0	0	0	compatible	0	compatible	
	0	0.00	11		▼		0	0	0	0	compatible	0	compatible	
	0	0.00	12		▼		0	0	0	0	compatible	0	compatible	
	0	0.00	13		▼		0	0	0	0	compatible	0	compatible	
	0	0.00	14		▼		0	0	0	0	compatible	0	compatible	
	0	0.00	15		▼		0	0	0	0	compatible	0	compatible	
	0	0.00	16		▼		0	0	0	0	compatible	0	compatible	
2030	0	84	0.78	<Totals>										

285

<Totals>

24-157-95



**Legend**

— Practices (lines)

□ Stone

\* \* Resource Inventory (Line)

□ Williams PLSS





# Trees 2009

Customer(s): CAL D TOFTE

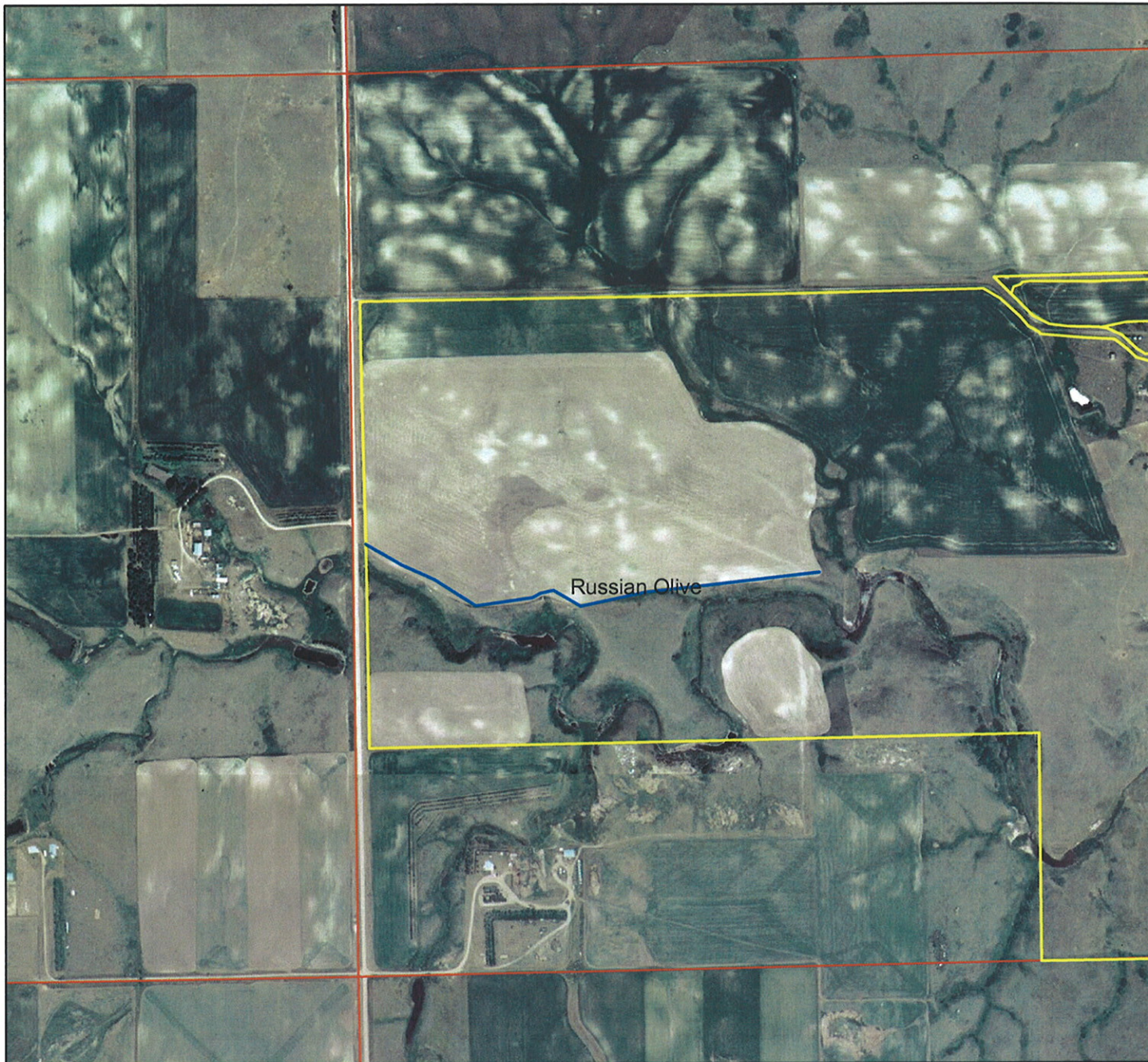
District: WILLIAMS COUNTY SOIL CONSERVATION DISTRICT

Field Office: WILLISTON SERVICE CENTER

Agency: NRCS

Assisted By: Scott A Nordloef

## 27-154-99



### Legend

— Practices (lines)

□ cta

● pipeline

□ Williams PLSS

