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JEROME C. KETTLESON
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July 14, 2009

HAND-DELIVERED

Darrell Nitschke
North Dakota Public Service Commission
600 E. Boulevard; Dept. 408
Bismarck, ND 58505-0480

Re: Submission of Petition for Approval of Tree/Shrub Replacement Plan for PU 08-48 Generation Outlet From Pillsbury to Fargo, North Dakota with Exhibit 1, Exhibit 2, Exhibit 3, Exhibit 4 and Exhibit 5.
Case Number PU-08-48

Dear Darrell Nitschke:

With this letter, Minnkota Power Cooperative, Inc. submits its Petition for Approval of Tree/Shrub Replacement Plan for PU 80-48 Generation Outlet from Pillsbury to Fargo, North Dakota with Exhibits 1, 2, 3, 4, and 5.

Pursuant to § 49-22-08 of the North Dakota Century Code, the Energy Conversion and Transmission Facility Siting Act, and rules promulgated thereunder, enclosed for filing please find:

One (1) Original and ten (10) copies of Petition for Approval of Tree/Shrub Replacement Plan for PU 80-48 Generation Outlet from Pillsbury to Fargo, North Dakota with Exhibits 1, 2, 3, 4, and 5.

Should you have any questions with respect to this filing, please contact me.

Very truly yours,

PEARCE & DURICK

By

Jerome C. Kettleson
Phone: (701) 333-0104

JCK/jn
Enclosures

STATE OF NORTH DAKOTA
BEFORE THE PUBLIC SERVICE COMMISSION

PETITION FOR APPROVAL OF TREE/SHRUB REPLACEMENT PLAN FOR PU 08-48
GENERATION OUTLET FROM PILLSBURY TO FARGO, NORTH DAKOTA

Minnkota Power Cooperative petitions the Public Service Commission of North Dakota (hereafter PSC) for approval of its Tree/Shrub Replacement Plan for the replacement of trees/shrubs along Generation Outlet from Pillsbury, North Dakota to Fargo, North Dakota. Requirements for the replacement plan are set out in Findings of Facts Conclusions of Law and Order of the Public Service Commission, Attachment C-1 paragraphs 10, 11, 12, and 13 dated June 6, 2008 as follows:

10. 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 planning shall be filed with the NSPSC for approval.

11. Tree replacement shall be on a two to one basis with two-year old saplings. Shrub replacements shall be on a two to one basis with stem cuttings.

12. Trees and shrubs shall be replaced by the same species or similar species suitable for North Dakota growing conditions as recommended by the North Dakota Forest Service.

13. Land owners shall be given the option of having replacement trees/shrubs planted off the right of way on the land owners property or waiving that requirement in writing and allowing those replacement trees/shrubs to be planted at alternative locations. (Exhibit 1. attached)

INVENTORY OF REPLACEMENT TREES/SHRUBS

Minnkota Power Cooperative retained McCain & Associates, Inc., engineers and scientists, 2718 Gateway Avenue, Bismarck, North Dakota, 58503, to document and identify the numbers, varieties and locations of trees and shrubs removed while building the Generation Outlet Project from Pillsbury, North Dakota to Fargo, North Dakota. McCain along with Cass County Soil Conservation District 4660 Amber Valley Parkway, Fargo North Dakota 58104 assisted in the preparation of a mitigation plan for tree/shrub replacement following the construction of the Generation Outlet Line.

The Tree and Shrub Inventory generated by McCain & Associates, Inc. dated March 19, 2009 is attached to this petition as **Exhibit 2**. The Inventory identifies trees and shrubs to be removed by Minnkota in the process of building the Outlet Line. The report contains sections on: Scope of the Work, Procedures; Results; Recommendations; and References, along with Appendices A through C.

The information contained within the report was initially gathered in June, 2008. The report describes trees and shrubs inventoried along the 61-mile Generation Outlet from Section 7, Ellsbury Township, Barnes County, North Dakota, to Section 21, Reed Township, Cass County, North Dakota. McCain & Associates, Inc. inventoried trees and shrubs to be removed within the right of way by direct stem count. Information gathered by McCain & Associates, Inc. contains the common name of trees, species, growth form, native area, and whether the stem number is in a native area or a planted area, and then contains totals in the final column. McCain found a total of 10,039 trees/shrubs to be removed and replaced in the project area as indicated in Exhibit 1 3.0 Results. The PSC in the same Order in PU 08-48 direct that the number of trees/shrubs removed be doubled. The total replacement number of trees/shrubs is 20,078.

In preparing this replacement mitigation plan, pursuant to Exhibit 1, Section 13 Minnkota surveyed all land owners along the Generation Outlet who were asked to respond in writing whether they requested trees replaced on their property or whether the trees/shrubs could be planted at an alternative location. The information was considered and made part of exhibits attached to this Petition as Exh. 3, 4, and 5. The landowners along the Generation Outlet who requested replacement in writing of the trees/shrubs in 2009 are listed on Exhibit 3. Exhibit 5 contains a list of other land owners on whose land Minnkota proposes to plant trees/shrubs in 2010. The total replacement trees/shrubs on Exhibit 3 is 8,283 as more completely detailed in Exhibit 3 attached hereto. Exhibit 3 accounts for 8,283 of the trees/shrubs out of a total of 20,078 trees/shrubs. All property owners to include those who did not lose trees/shrubs were surveyed. The landowners were asked what kind of trees/shrubs they requested as replacements. Those requests were discussed with McCain and Associates and with personnel of Cass County Soil Conservation District to determine the appropriateness of the requests. The type of trees/shrubs removed and the type of trees/shrubs to be used as replacement trees are set out in Exhibit 3. The tree/shrub type to be removed is listed first. The proposed replacement tree/shrub is in parenthesis.

SUMMER 2009 REPLACEMENT PLAN

Planning and decision making by owners of property was delayed in Cass/Barnes County by a wet spring and by significant flooding and continuing wet ground. Minnkota proposes to plant 8,283 trees/shrubs during the summer of 2009 in the areas set out in Exhibit 3 and depicted on the map at Exhibit 4. The trees/shrubs to be planted are listed on the attachment. The planting will be completed during the summer of 2009 following consideration and approval of this petition by the PSC.

FALL 2009/SUMMER 2010 REPLACEMENT PLAN OF FINAL 10039 TREES/SHRUBS

The plan for planting remaining trees is to plant them in 2010 on the farms and in the general locations as set out in Exhibit 5. The exact location and the exact type trees/shrubs for the planting in 2010 has not yet been determined by Minnkota has not yet been agreed to by the landowners. Minnkota expects to have locations and tree type information concerning location and type trees available by October 15, 2009 so that it may place an order for the trees before December 1, 2009. Minnkota plans to petition the PSC for approval of locations and species of trees to plant in 2010 for the final 11795 trees/shrubs before December 1, 2009.

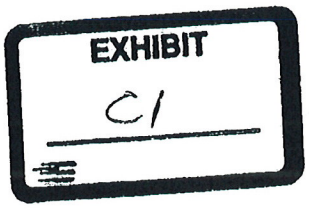
NOW THEREFORE Minnkota Power Cooperative requests that the PSC consider and approve this Petition for Approval of Tree/Shrub Replacement Plan for PU 08-48 as it related to the planned 2009 planting of 8283 trees/shrubs and to consider a completed plan for the remaining Tree/Shrub Replacement Plan after a submittal is made by Minnkota containing additional information.

Dated at Bismarck, ND this 14th day of July, 2009.

PEARCE & DURICK

By _____

JEROME C. KETTLESON, # 03095
Individually and as a Member of the Firm
Attorneys for Minnkota Power Cooperative
P.O. Box 400
Bismarck, ND 58502-0400
(701) 223-2890



Case No. PU-08-48

Tree and Shrub Mitigation Specifications

Inventory

1. Trees and shrubs anticipated to be cleared, including those that are considered invasive species or noxious weeds (*e.g., Caragana arborescens, Elaeagnus angustifolia, Rhamnus cathartica, Tamarix chinensis, T. parviflora, T. ramosissima, Ulmus pumila*), shall be inventoried before cutting. The inventory shall record the location, number, and species of trees and shrubs.

2. In windbreaks, shelterbelts and other planted areas, trees or shrubs anticipated to be cleared, regardless of size, shall be inventoried for replacement.

3. In native growth areas, trees anticipated to be cleared that are 1 inch diameter at breast height ("dbh") or greater shall be inventoried for replacement.

4. In native growth areas, shrubs anticipated to be cleared in the permanent right-of-way shall be inventoried for replacement.

5. In native growth areas outside the permanent right-of-way, shrubs shall be cut flush with the surface of the ground, taking care to leave the naturally occurring seed bank and root stock intact. If soil disturbance is necessary, the native topsoil shall be preserved and replaced after construction. Shrubs shall be allowed to regenerate naturally where native topsoil is preserved and replaced. Where native topsoil is not preserved and replaced, shrubs anticipated to be cleared shall be inventoried for replacement.

6. In native growth areas, trees and shrubs may be inventoried by actual count or by sampling method that will properly represent the woody

vegetation population. A sampling plan developed by the company, filed with the North Dakota Public Service Commission (NDPSC) and approved prior to the start of construction shall define the sampling method to be used for trees, for tall shrubs and for low shrubs. The data from the sample plots shall be extrapolated to the total acreage of the wooded area to be cleared to determine the species and quantity of trees and shrubs to be replaced.

Clearing for Construction

7. Trees and shrubs shall be selectively cleared, leaving mature trees and shrubs intact where practical.

8. The width of clear cuts through windbreaks, shelterbelts and all other wooded areas shall be limited to 50 feet or less unless otherwise approved by the NDPSC.

9. If the area of trees or shrubs actually cleared differs from the area inventoried, the difference in number of trees and shrubs to be replaced shall be noted on the inventory.

Replacement

10. 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 NSPSC for approval.

11. Tree replacement shall be on a 2 to 1 basis with 2-year-old saplings. Shrub replacement shall be on a 2 to 1 basis with stem cuttings.

12. Trees and shrubs shall be replaced by the same species or similar species suitable for North Dakota growing conditions as recommended by the North Dakota Forest Service.

13. Landowners shall be given the option of having replacement trees/shrubs planted off the right-of-way on the landowner's property or waiving that requirement in writing and allowing those replacement trees/shrubs to be planted at alternative locations.

14. At the conclusion of the project, documentation identifying the actual number, variety, type, location and date of the replacement plantings shall be filed with the NDPSC.

15. Tree/shrub replacements shall be inspected once a year for three years, on about the anniversary of the plantings, and, on or shortly before October 1 of each year, a report shall be submitted to the NDPSC documenting the condition of replacement planting and any woodlands work completed. If after three years from the anniversary of the plantings the survival rate is less than 75%, the NDPSC may order additional planting(s).

Tree and Shrub Inventory

Pillsbury to Fargo Generation Outlet Project

Prepared for:

Minnkota Power
MPC COOPERATIVE, INC.
Your Touchstone Energy® Partner

March 19, 2009

McCain and Associates, Inc.
2718 Gateway Avenue
Suite 101
Bismarck, ND 58501

Tree and Shrub Inventory
Pillsbury to Fargo Generation Outlet Project
Minnkota Power Cooperative, Inc.

TABLE OF CONTENTS

1.0 Scope of Work

McCain and Associates, Inc. (McCain) inventoried trees and shrubs for the Minnkota Power Cooperative Pillsbury to Fargo Generation Outlet project. The proposed transmission line is approximately 61 miles in length and extends from Section 7 of Ellsbury Township (Barnes County) to Section 21 of Reed Township (Cass County), North Dakota.

Trees and shrubs were inventoried in accordance with the North Dakota Public Service Commission (PSC) Tree and Shrub Mitigation Specifications (Specifications) for the project. The inventory was conducted across a 125-foot easement right-of-way. McCain biologists, Greg Meyer and Ryan Krapp, conducted the tree and shrub inventory on June 20 and June 23, 2008.

2.0 Procedures

Inventory procedures followed the Specifications outlined in Exhibit C1 of the PSC Findings of Fact, Conclusion of Law and Order (Appendix A). McCain inventoried trees and shrubs within the 125-foot right-of-way easement by direct stem counts. The entire right-of-way was inventoried with the exception of sandbar willow colonies that would not be cleared by the proposed project. In windbreaks, shelterbelts and other planted areas, trees and shrubs regardless of size, were counted. In native growth areas, trees that were greater than 1 inch in diameter at breast height and all shrubs, regardless of size, were counted. Field counts were tallied on standard forms that listed the inventory identification / location (Section, Township, and Range), species present, and number of trees and shrubs in each location (Appendix B).

3.0 Results

Multiple native and planted woodland areas were inventoried. Woodlands included native areas adjacent to agricultural fields and along the Sheyenne River; and planted shelterbelts. Twenty-three species of trees and shrubs were observed within the proposed easement corridor (Table 1).

Table 1. Summary of tree and shrub inventory.

Common Name	Species	Growth Form	Stem Number		Total Number
			Native Areas	Planted Areas	
American elm	*Ulmus americana*	tree	55	2682	2,737
Aspen	*Populus tremuloides*	tree	10	0	10
Box elder	*Acer negundo*	tree	107	557	664
Bristly gooseberry	*Ribes setosum*	shrub	0	10	10
Buckthorn	*Rhamnus cathartica*	shrub	0	2	2
Buffalo currant	*Ribes odoratum*	shrub	111	584	695
Caragana	*Caragana arborescens*	shrub	0	906	906
Chokecherry	*Prunus virginiana*	shrub	22	318	340
Cotoneaster	*Cotoneaster integerrimus*	shrub	0	2	2
Dogwood	*Cornus stolonifera*	shrub	6	39	45
Green ash	*Fraxinus pennsylvanica*	tree	70	1987	2,057
Peachleaf willow	*Salix amygdaloides*	tree	78	456	534
Plains cottonwood	*Populus deltoides*	tree	53	31	84
Plum	*Prunus americana*	shrub	2	518	520
Pussy willow	*Salix discolor*	shrub	375	0	375
Red cedar	*Juniperus virginiana*	tree	0	3	3
Russian olive	*Elaeagnus angustifolia*	tree	20	7	27
Sandbar willow	*Salix exigua*	shrub	618	0	618
Siberian elm	*Ulmus pumila*	tree	2	28	30
Sugar maple	*Acer saccharum*	tree	1	0	1
Willow	*Salix* spp.	shrub	324	0	324
Western snowberry	*Symphoricarpos occidentalis*	shrub	30	0	30
Woods Rose	*Rosa woodsii*	shrub	25	0	25
TOTALS			**1,909**	**8,130**	**10,039**

American elms and green ash were the most common tree species found in the project area. Over 95% of these species inventoried were found in planted stands. Both species are native to North Dakota and have been extensively planted throughout the state. Caragana shrubs were also abundant and were found in shelterbelt plantings.

Sandbar willow was the most abundant species in native areas. Sandbar willow is used for stream bank and riparian development; forming thickets along streams, roadside ditches, and other places frequent to flooding. It is a common, native suckering shrub. The United States

Department of Agriculture (USDA, 2008) regards this species as weedy or invasive and may displace desirable vegetation if not properly managed.

Wooded stand size in native growth areas varied between five and nearly 5,000 stem counts. Several of the shrub species found in the area are colony-forming species, primarily reproducing by either suckers or rhizomes. These include buffalo current, chokecherry, dogwood, plum, pussy willow, sandbar willow, western snowberry, and Woods rose. Regeneration of bristly gooseberry by rhizomes or by sprouting is not documented in the literature (Carey 1995). Bristly gooseberry can however be aggressive and form dense colonies. Inventory results for each area sampled are found in Appendix C.

4.0 Recommendations

McCain makes the following recommendations regarding mitigation:

- **Invasive Species.** Invasive species should be replaced with non-invasive native tree/shrub of similar height and canopy suitable for the mitigation area.

- **Sandbar Willow.** Sandbar willow should be cut flush with the ground level where necessary to accommodate construction. These areas should then be allowed to regenerate naturally. No replacement or mitigation is recommended for this species.

- **Colony-forming Species.** Colony-forming and/or suckering species as described in Section 3 should be cut flush with the ground level where necessary to accommodate construction. These areas should then be allowed to regenerate naturally. Where complete removal is necessary, replacement should be made on a 1 to 4 basis with stem cuttings. This planting ratio may be somewhat high in areas where moisture is not a limiting growth factor.

5.0 References

Carey, Jennifer H. 1995. Ribes oxyacanthoides. In: Fire Effects Information System, U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). Available: http://www.fs.fed.us/database/feis/ [2008, July 3].

North Dakota Public Service Commission. Exhibit C1 North Dakota Public Service Commission Findings of Fact, Conclusion of Law and Order. Tree and Shrub Mitigation Specifications. 3p.

USDA. 2008. Sandbar Willow Fact Sheet. US Department of Agriculture Natural Resources Conservation Service. Plant Fact Sheet/Guide Coordination Page http://plant-materials.nrcs.usda.gov/intranet/pfs.html. Accessed July 2, 2008.

Appendix A

Tree and Shrub Mitigation Specifications

Case No. PU-_____

Tree and Shrub Mitigation Specifications

Inventory

1. Trees and shrubs anticipated to be cleared, including those that are considered invasive species or noxious weeds (*e.g., Caragana arborescens, Elaeagnus angustifolia, Rhamnus cathartica, Tamarix chinensis, T. parviflora, T. ramosissima, Ulmus pumila*), shall be inventoried before cutting. The inventory shall record the location, number, and species of trees and shrubs.
2. In windbreaks, shelterbelts and other planted areas, trees or shrubs anticipated to be cleared, regardless of size, shall be inventoried for replacement.
3. In native growth areas, trees anticipated to be cleared that are 1 inch diameter at breast height ("dbh") or greater shall be inventoried for replacement.
4. In native growth areas, shrubs anticipated to be cleared in the permanent right-of-way shall be inventoried for replacement.
5. In native growth areas outside the permanent right-of-way, shrubs shall be cut flush with the surface of the ground, taking care to leave the naturally occurring seed bank and root stock intact. If soil disturbance is necessary, the native topsoil shall be preserved and replaced after construction. Shrubs shall be allowed to regenerate naturally where native topsoil is preserved and replaced. Where native topsoil is not preserved and replaced, shrubs anticipated to be cleared shall be inventoried for replacement.
6. In native growth areas, trees and shrubs may be inventoried by actual count or by sampling method that will properly represent the woody vegetation population. A sampling plan developed by the company, filed with the North Dakota Public Service Commission (NDPSC) and approved prior to the start of construction shall define the sampling method to be used for trees, for tall shrubs and for low shrubs. The data from the sample plots shall be extrapolated to the total acreage of the wooded area to be cleared to determine the species and quantity of trees and shrubs to be replaced.

Clearing for Construction

7. Trees and shrubs shall be selectively cleared, leaving mature trees and shrubs intact where practical.
8. The width of clear cuts through windbreaks, shelterbelts and all other wooded areas shall be limited to 50 feet or less unless otherwise approved by the NDPSC.
9. If the area of trees or shrubs actually cleared differs from the area inventoried, the difference in number of trees and shrubs to be replaced shall be noted on the inventory.

Replacement

10. 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 NSPSC for approval.
11. Tree replacement shall be on a 2 to 1 basis with 2-year-old saplings. Shrub replacement shall be on a 2 to 1 basis with stem cuttings.
12. Trees and shrubs shall be replaced by the same species or similar species suitable for North Dakota growing conditions as recommended by the North Dakota Forest Service.
13. Tree and shrub replacement shall not be conducted within a 20 to 30 foot wide path over the pipeline to facilitate visual inspections of the right-of-way in accordance with U.S. Department of Transportation safety regulations.
14. Landowners shall be given the option of having replacement trees/shrubs planted off the right-of-way on the landowner's property or waiving that requirement in writing and allowing those replacement trees/shrubs to be planted at alternative locations.
15. At the conclusion of the project, documentation identifying the actual number, variety, type, location and date of the replacement plantings shall be filed with the NDPSC.
16. Tree/shrub replacements shall be inspected once a year for three years, on about the anniversary of the plantings, and, on or shortly before October 1 of each year, a report shall be submitted to the NDPSC documenting the condition of replacement planting and any woodlands work completed. If after three years from the anniversary of the plantings the survival rate is less than 75%, the NDPSC may order additional planting(s).

Appendix B

Tree and Shrub Inventory Form

Appendix B

Tree and Shrub Count Form

TREE COUNT: PILLSBURY TO FARGO GENERATION OUTLET			
Sampled by:		Date:	
Location / Site ID:			
Woodland Type (circle):		Native[1] Planted[2]	
SPECIES	Invasive Species?[3]	TALLY	TOTAL NUMBER

[1] Criteria for counting in native areas: trees DBH >1" and shrubs total count

[2] Criteria for counting in planted areas: total count

[3] Invasive includes species such as Caragana, Russian olive, buckthorn, Siberian elm

Appendix C

Inventory Results

Appendix C, Table 1. Tree and shrub counts in native areas.

	Species	Location / Site ID													TOTAL
		1 142 055	2 141 051	7 140 049	7 143 056	8 143 056	11 141 051	16 140 049	21 140 049	23 143 056	29 143 055	34 142 053	35 142 053	36 142 053	
Trees	American elm			55											55
	Aspen									10					10
	Box elder			91					16						107
	Green ash		1	55			4		2			3		5	70
	Peachleaf willow			1	1				1	24		51			78
	Plains cottonwood			17				3		15		14	2	2	53
	Red cedar														0
	Russian olive									1		3	8	8	20
	Siberian elm								1			1			2
	Sugar maple			1											1
Shrubs	Bristly gooseberry														0
	Buckthorn														0
	Buffalo currant											111			111
	Caragana														0
	Chokecherry			10			12								22
	Dogwood								5			1			6
	Plum									1		1			2
	Pussy willow									345	30				375
	Sandbar willow	48		15		180				159		216			618
	Unidentified willow											312	12		324
	Western snowberry												30		30
	Woods Rose												25		25
TOTAL NUMBER		48	1	246	1	180	16	3	25	556	30	768	22	15	1,909

Appendix C, Table 2. Tree and shrub counts in planted areas

	Species	Location / Site ID (Section, Township, Range)												Total
		17 140 049	15 141 051	21 142 055	25 142 054	27 142 054	28 142 054	32 142 052	33 142 052	34 142 052	34 142 053	34 142 053	35 142 052	
Trees	American elm		313	20					2,345		4			2,682
	Box elder		5						490		14		48	557
	Green ash		128	111		269		36	1,424		16		3	1,987
	Peachleaf willow								455			1		456
	Plains cottonwood	4		2	5				7				13	31
	Red cedar											3		3
	Russian olive								4			2	1	7
	Siberian elm		6				4			11	6		1	28
Shrubs	Bristly gooseberry								10					10
	Buckthorn			1									1	2
	Buffalo currant			584										584
	Caragana		658	238							10			906
	Chokecherry		70	46			52		145		5			318
	Dogwood	7							23			9		39
	Plum						492		9		14		3	518
	Cotoneaster		2											2
TOTAL NUMBER		11	1,182	1,002	5	269	548	36	4,912	11	69	15	70	8,130

Summary of Tree and Shrub Inventory

Tree Name from McCain *(Corresponding Tree from Nursery)*	American elm *(Northern/Oahe Hackberry)*	Aspen	Birch, Paper	Box elder	Bristly gooseberry	Buckthorn	Buffalo currant *(Golden currant)*	Caragana	Chokecherry *(Shubert Chokecherry)*	Cotoneaster	Dogwood *(Redosier Dogwood)*	Green ash	Juneberry	Lindon, American	Lindon, Little Leaf	Peachleaf willow	Plains cottonwood *(Siouland Cottonwood, Native Cottonwood)*	Plum *(Black Cherry Nanking Cherry)*	Pussy willow	Red cedar *(Black Hills Spruce, Colorado Blue Spruce)*	Russian olive *(Common Lilac, Lilac-Villosa)*	Sandbar willow	Siberian elm	Sugar maple *(Amur Maple, Silver Maple)*	Sumac, Smooth	Walnut, Black	Willow	Western snowberry	Woods Rose	Total
From McCain	2737	10	0	664	10	2	695	906	340	2	45	2057	0	0	0	534	84	520	375	3	27	618	30	1	0	0	324	30	25	10039
2 for Every 1	5474	20	0	1328	20	4	1390	1812	680	4	90	4114	0	0	0	1068	168	1040	750	6	54	1236	60	2	0	0	648	60	50	**20078**
Land Owners Requesting Trees																														
Johnson 28-143-54 (Farmstead)							38				165				118			146		125				138	29					759
Longlet 36-142-52 (Farmstead)			47								93		70		102			56		112	171			160						811
Nelson 17-142-54 (Field)																				214										214
Suhr 11-142-55 (Farmstead)			141																	90	172			118						521
Thompson 17-143-54 (Farmstead)			34																	62				83	57					236
Zimmerman 5-141-51 (Farmstead)	95												89	152	94		63	71	316	127				118						1125
Uland 6-140-50 (Farmstead)																		73		133										206
B.P. Sec 28 28-140-50 (Farmstead)																		208		248				425		99				980
B.P. Sec 5 5-140-50 (Field)									375					281						413										1069
Meittanen 33-142-52 (Farmstead)																				126										126
H.P. Sec 26 26-139-52 (Farmstead)														377			209	247		362	398									1593
H.P. Sec 17 17-139-51 (Farmstead)														156			81	114		150	142									643
Subtotal	*95*	*0*	*222*	*0*	*0*	*0*	*38*	*0*	*375*	*0*	*258*	*0*	*159*	*966*	*314*	*0*	*353*	*915*	*316*	*2162*	*883*	*0*	*0*	*1042*	*86*	*99*	*0*	*0*	*0*	*8283*
Subtotal of Trees Remaining	**5379**	**20**	**-222**	**1328**	**20**	**4**	**1352**	**1812**	**305**	**4**	**-168**	**4114**	**-159**	**-966**	**-314**	**1068**	**-185**	**125**	**434**	**-2156**	**-829**	**1236**	**60**	**-1040**	**-86**	**-99**	**648**	**60**	**50**	***11795***
Subsitutions	2641 *	0	222	-829	0	0	-168	-86	-159	0	168	-2156	159	966	314	-185	185	0	0	2156	829	0	0	1040	86	99	0	0	0	*0*
Remaining Number to be Planted	**2738**	**20**	**0**	**499**	**20**	**4**	**1184**	**1726**	**146**	**4**	**0**	**1958**	**0**	**0**	**0**	**883**	**0**	**125**	**434**	**0**	**0**	**1236**	**60**	**0**	**0**	**0**	**648**	**60**	**50**	***11795***

Tree Subsitution

American Elm *	American linden 966 Black walnut 99 Littleleaf linden 314 Paper birch 222 Sugar maple 1040	Total 2641
Box Elder	Russian olive 829	
Green ash	Red cedar 2156	
Peachleaf willow	Cottonwood 185	

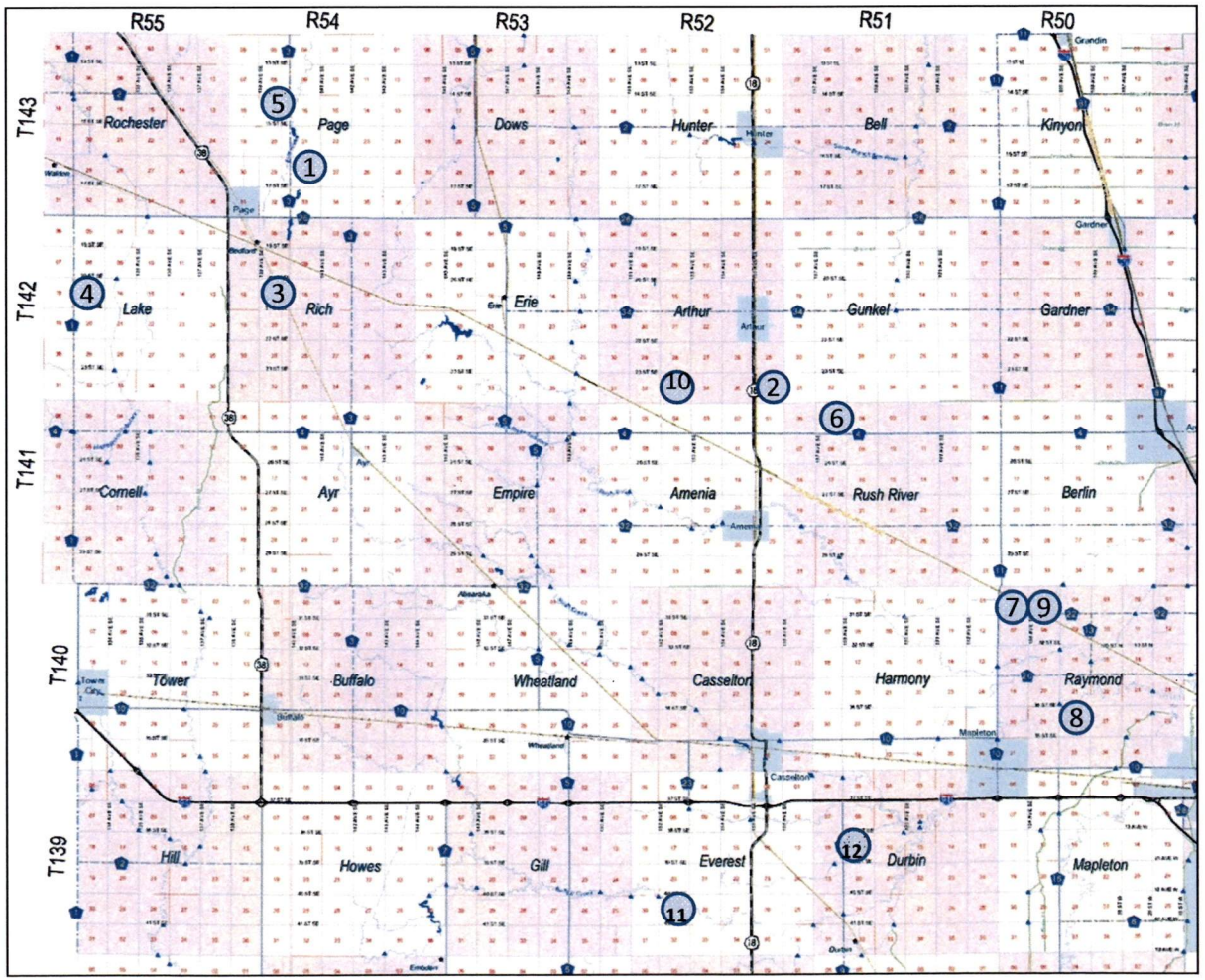
Shrub Subsitution

Buffalo currant	Dogwood 168
Caragana	Smooth sumac 86
Chokecherry	Juneberry 159

Summer 2009 Tree/Shrub Replacement Locations
PU 08-48

Summer 2009 Tree/Shrub Replacement Location Key

	Name	Township	Location
1	Johnson, Steve & Lorie	Page	28-143-54
2	Longlet, Scott & Wendy	Arthur	36-142-52
3	Nelson, Terry	Rich	17-142-54
4	Suhr, Curtis & Ester	Lake	17-142-55
5	Thompson, Randy	Page	17-143-54
6	Zimmerman, Dan & Jay	Rush River	5-141-51
7	Uland, Jim	Raymond	6-140-50
8	Brand Partnership, Sec. 28	Raymond	28-140-50
9	Brand Partnership, Sec. 5	Raymond	5-140-50
10	Meittanen, Eric & Stacy	Arthur	33-142-52
11	Harvest Partners (Ron) Sec. 26	Everest	29-139-52
12	Harvest Partners (Ron) Sec. 17	Durbin	17-139-51

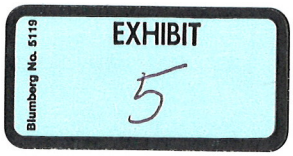


Blumberg No. 5119

EXHIBIT 4

2010 Plantings for Minnkota

	Name	# of Trees & Shrubs
1	Brand, Bruce - #B	1,280
2	Gebeke Farms	1,000
3	Hejl, Ken & Bill	1,200
4	Hoglund, Wayne	800
5	Steffes, Greg	4,500
6	Thompson, Jim	1,200
7	Uland Farms - Jim	600
8	Vigen, Lonny & Kathy	600
9	Olson, Steve	65
10	Sells, Michelle	250
11	Allmaras, Alfonse	100
12	Sattler, Larry	100
13	Schober, Rodney	100
	Total Trees Required	11,795



STATE OF NORTH DAKOTA
BEFORE THE PUBLIC SERVICE COMMISSION

Case No. PU-08-48

AFFIDAVIT OF PERSONAL SERVICE

STATE OF NORTH DAKOTA)
) ss.
COUNTY OF BURLEIGH)

Ivy Nordgaard, being first duly sworn, deposes and says that on the 14th day of July, 2009, she hand delivered the following:

One (1) Original and ten (10) copies of the Petition for Approval of Tree/Shrub Replacement Plan for PU 80-48 Generation Outlet from Pillsbury to Fargo, North Dakota with Exhibits 1, 2, 3, 4, and 5.

by placing a true and correct copy thereof in an envelope, addressed to the following:

Darrell Nitschke
North Dakota Public Service Commission
600 E. Boulevard; Dept. 408
Bismarck, ND 58505-0480

Ivy Nordgaard

Subscribed and sworn to before me this 14th day of July, 2009.

Notary Public
My commission expires: 2/15/13

JEANIE NAGEL
Notary Public
State of North Dakota
My Commission Expires Feb. 15, 2013