



Appendix E Prime Farmland – Additional Information

Prime Farmland in Preliminary Development Areas – Non Exempt Facilities

Facility	Acreage of All Areas Prime for Preliminary Development Area	Acreage of Prime Farmland if Drained for Preliminary Development Area	Acreage of Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season for Preliminary Development Area
Albany	67.6	29.8	0
Annandale	9.8	23.3	0
Atwater	29.3	4	0
Dodge Center	44	11.7	0
Fiesta City	16.7	5.6	0
Lawrence Creek	17.6	16.1	0
Lester Prairie	10.7	15.2	0
Paynesville	0	2.8	0
Scandia	0	1	0
Waseca	15.7	29.2	0
West Waconia	40	21.9	0
Wyoming	0	0	0

Note that the Brooten, Chisago, Eastwood, Hastings, Lake Emily, Lake Pulaski, Mayhew Lake, Montrose, Pine Island, Pipestone, West Faribault and Zumbrota facilities are exempt from the requirements of Minnesota Rules 7850.4400 subp. 4 regarding prime farmlands and are therefore not included.



Prime Farmland in Preliminary Grading Areas – Non Exempt Facilities

Facility	Acreage of All Areas Prime for Preliminary Grading Area	Acreage of Prime Farmland if Drained for Preliminary Grading Area	Acreage of Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season for Preliminary Grading Area
Albany	30.8	7.7	0.0
Annandale	7.1	14.3	0.0
Atwater	13.3	0.7	0.0
Dodge Center	40.9	10.1	0.0
Fiesta City	6.1	2.4	0.0
Lawrence Creek	6.8	3.0	0.0
Lester Prairie	4.1	3.4	0.0
Paynesville	0.0	0.0	0.0
Scandia	0.0	0.8	0.0
Waseca	12.5	18.8	0.0
West Waconia	31.5	13.8	0.0
Wyoming	0.0	0.0	0.0

Note that the Brooten, Chisago, Eastwood, Hastings, Lake Emily, Lake Pulaski, Mayhew Lake, Montrose, Pine Island, Pipestone, West Faribault and Zumbrota facilities are exempt from the requirements of Minnesota Rules 7850.4400 subp. 4 regarding prime farmlands and are therefore not included.

Grading Areas based on preliminary design and are subject to change.

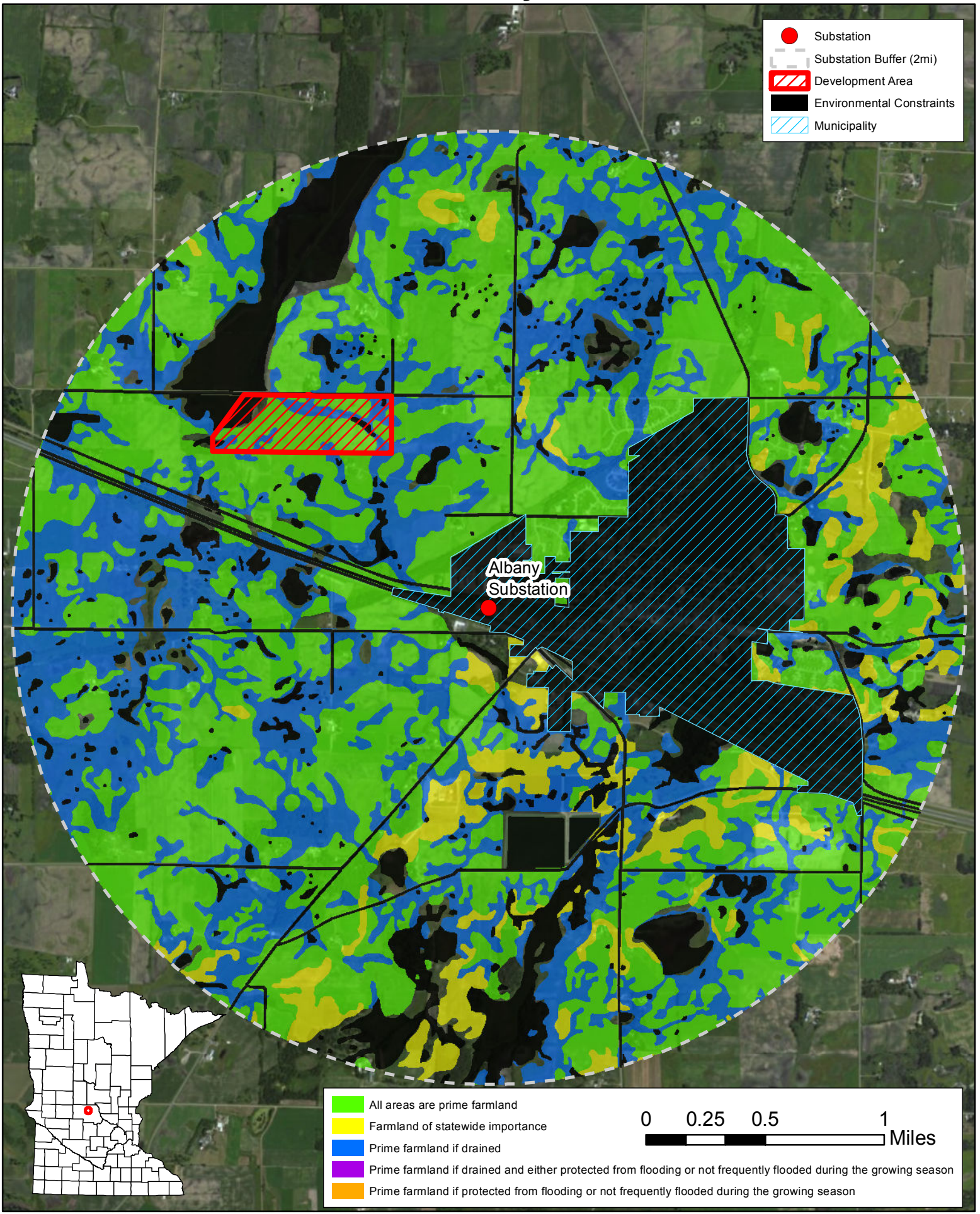


Prime Farmland Affected by Access Roads, Inverters and Solar Arrays – Non Exempt Facilities

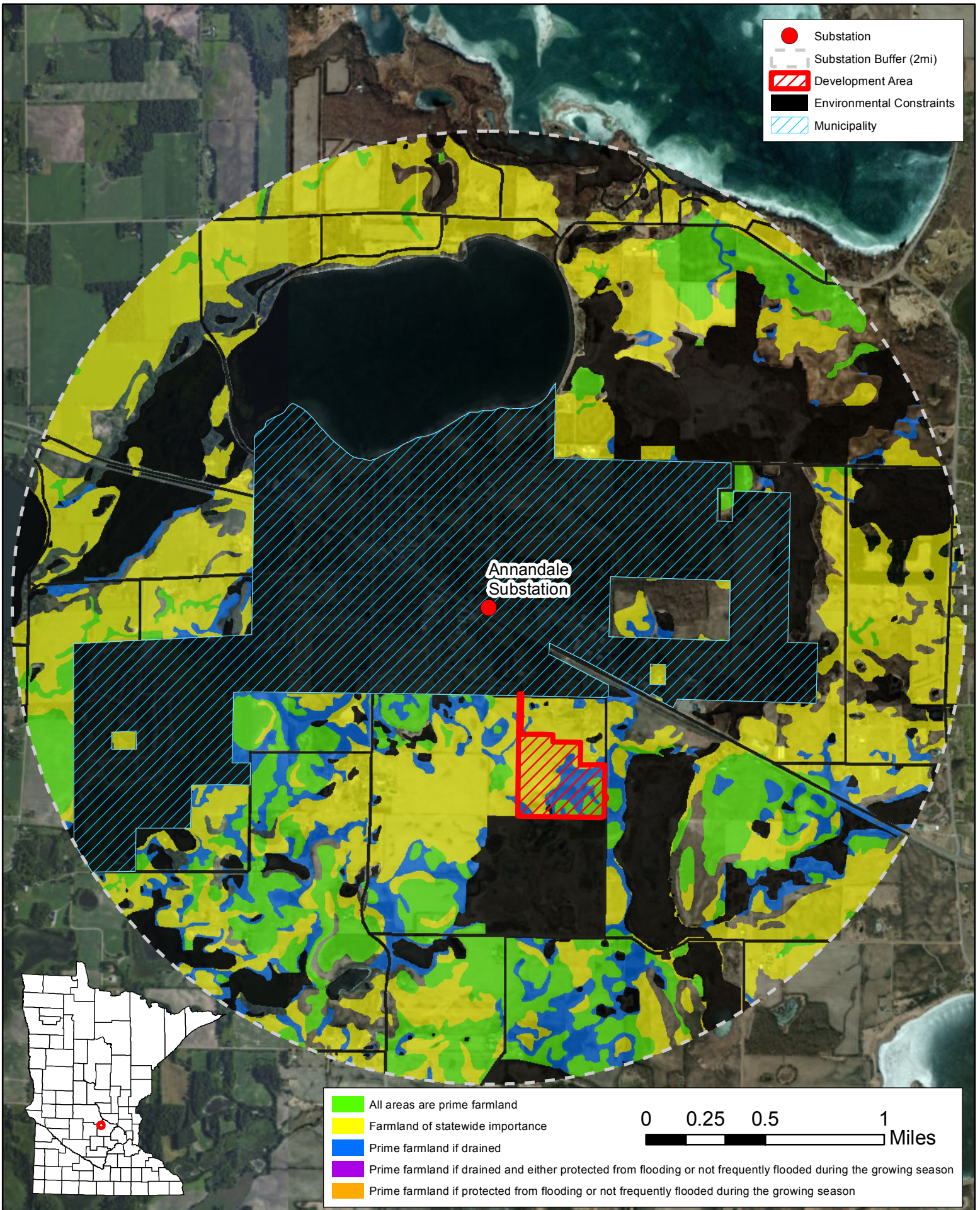
Facility	Acreage of All Areas Prime for Access Roads, Inverters, and Solar Arrays	Acreage of Prime Farmland if Drained for Access Roads, Inverters, and Solar Arrays	Acreage of Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season for Access Roads, Inverters, and Solar Arrays
Albany	17.3	4.7	0.0
Annandale	2.9	5.9	0.0
Atwater	7.7	0.8	0.0
Dodge Center	11.6	3.0	0.0
Fiesta City	4.6	1.4	0.0
Lawrence Creek	4.7	4.2	0.0
Lester Prairie	2.6	4.2	0.0
Paynesville	0.0	0.8	0.0
Scandia	0.0	0.3	0.0
Waseca	4.5	8.5	0.0
West Waconia	8.6	3.9	0.0
Wyoming	0.0	0.0	0.0

Note that the Brooten, Chisago, Eastwood, Hastings, Lake Emily, Lake Pulaski, Mayhew Lake, Montrose, Pine Island, Pipestone, West Faribault and Zumbrota facilities are exempt from the requirements of Minnesota Rules 7850.4400 subp. 4 regarding prime farmlands and are therefore not included. Acreages based on preliminary design and are subject to change.

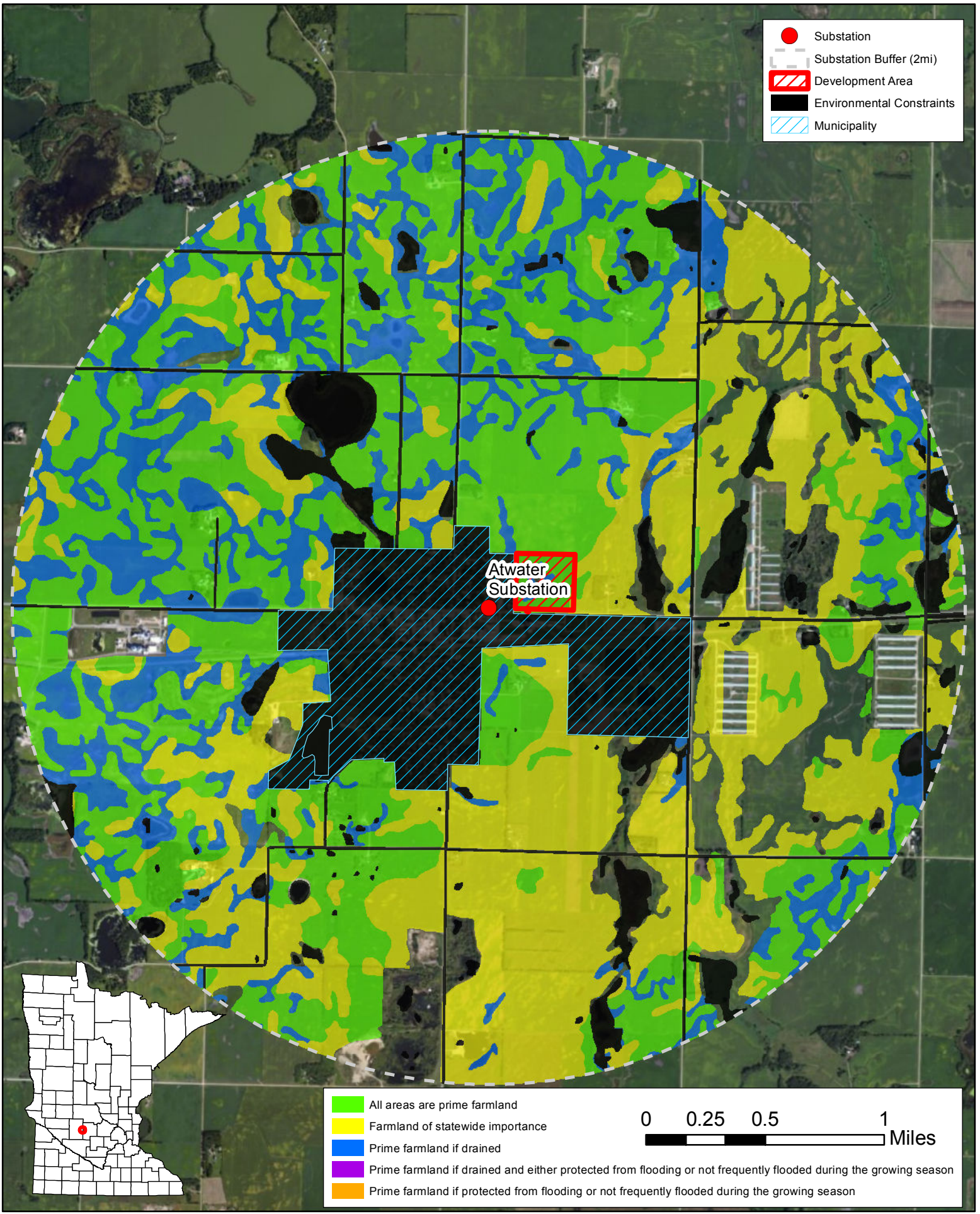
Appendix E - Prime Farmland in 2-mile Radius of Interconnection Substations Albany



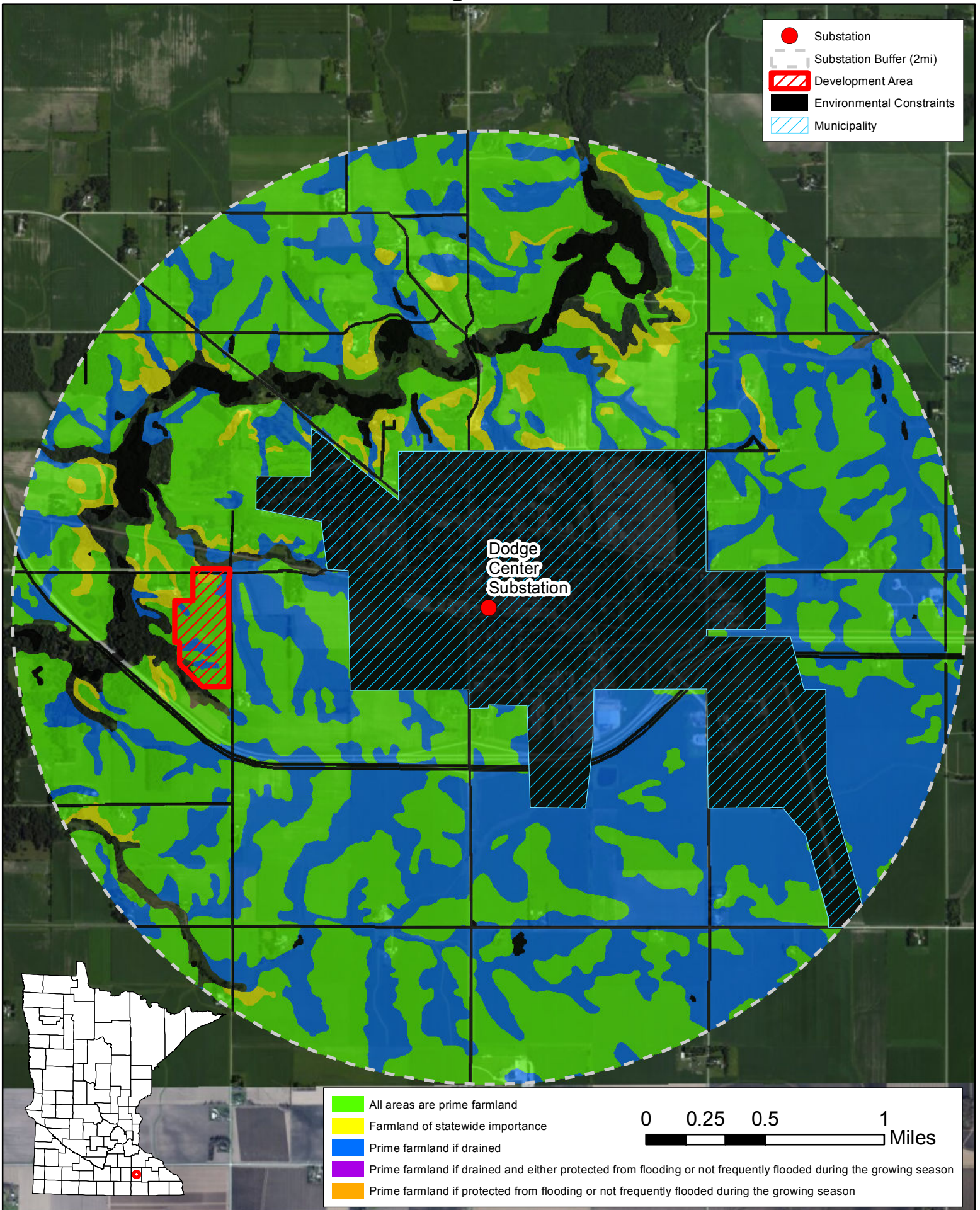
Appendix E - Prime Farmland in 2-mile Radius of Interconnection Substations Annandale



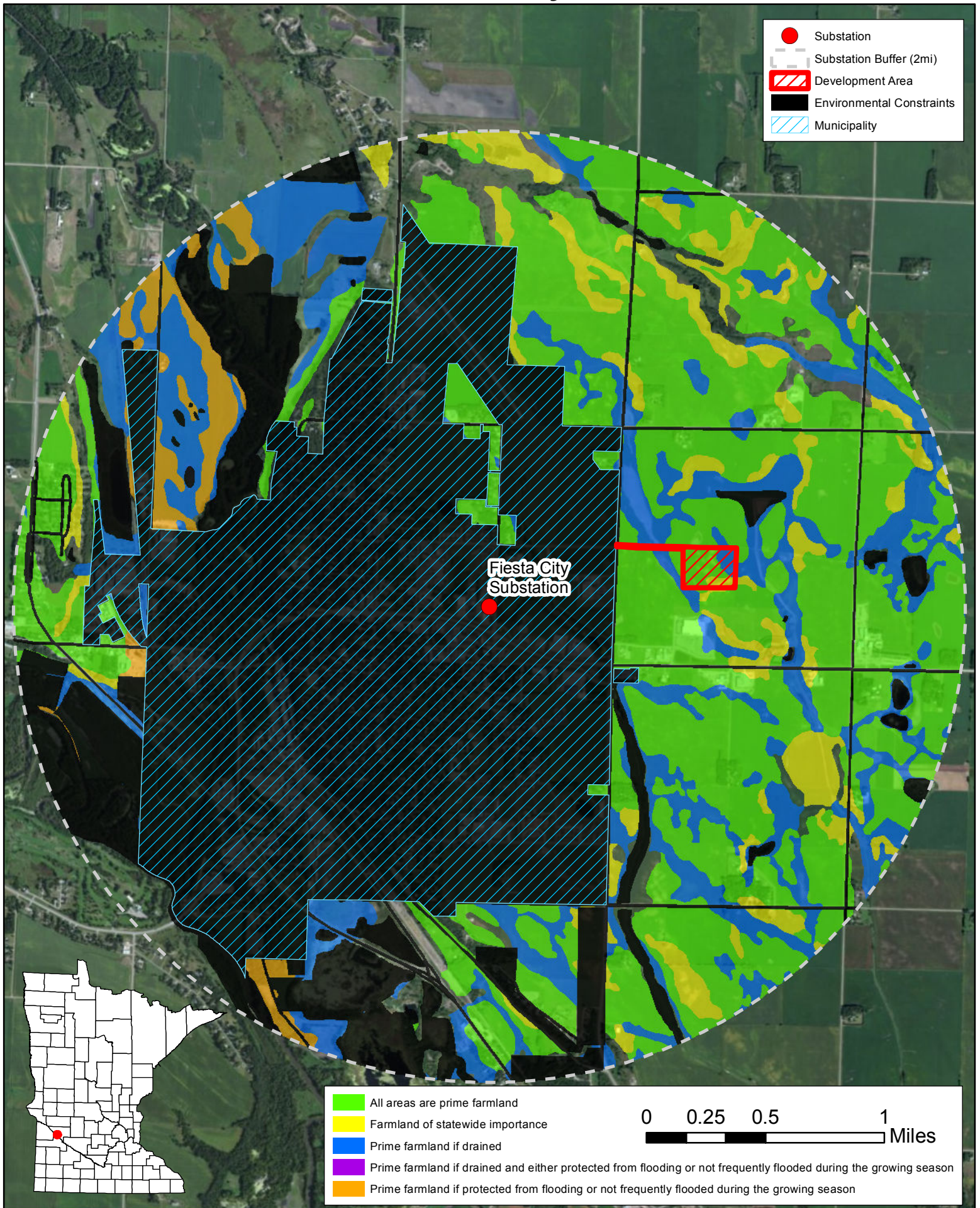
Appendix E - Prime Farmland in 2-mile Radius of Interconnection Substations Atwater



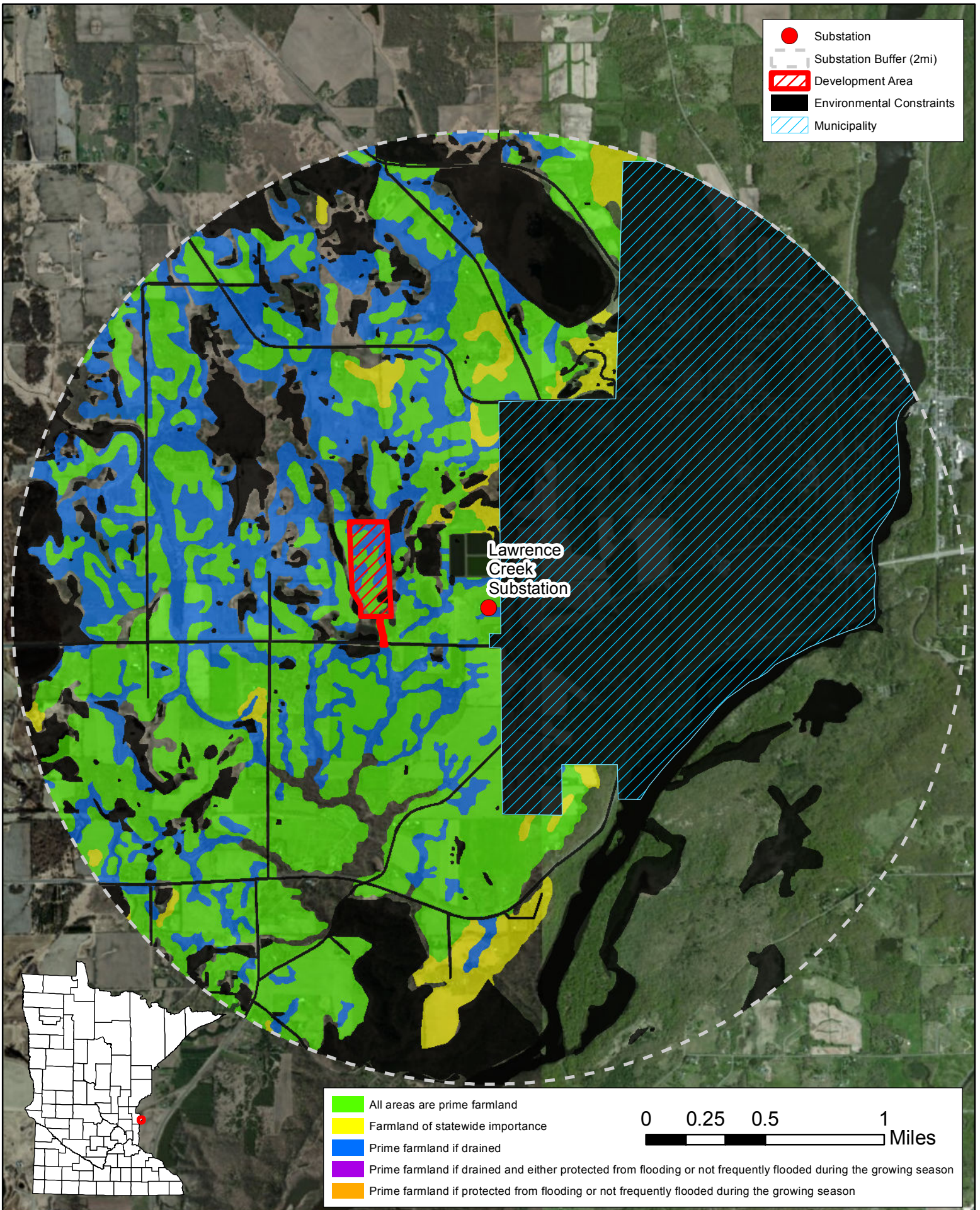
Appendix E - Prime Farmland in 2-mile Radius of Interconnection Substations Dodge Center



Appendix E - Prime Farmland in 2-mile Radius of Interconnection Substations Fiesta City



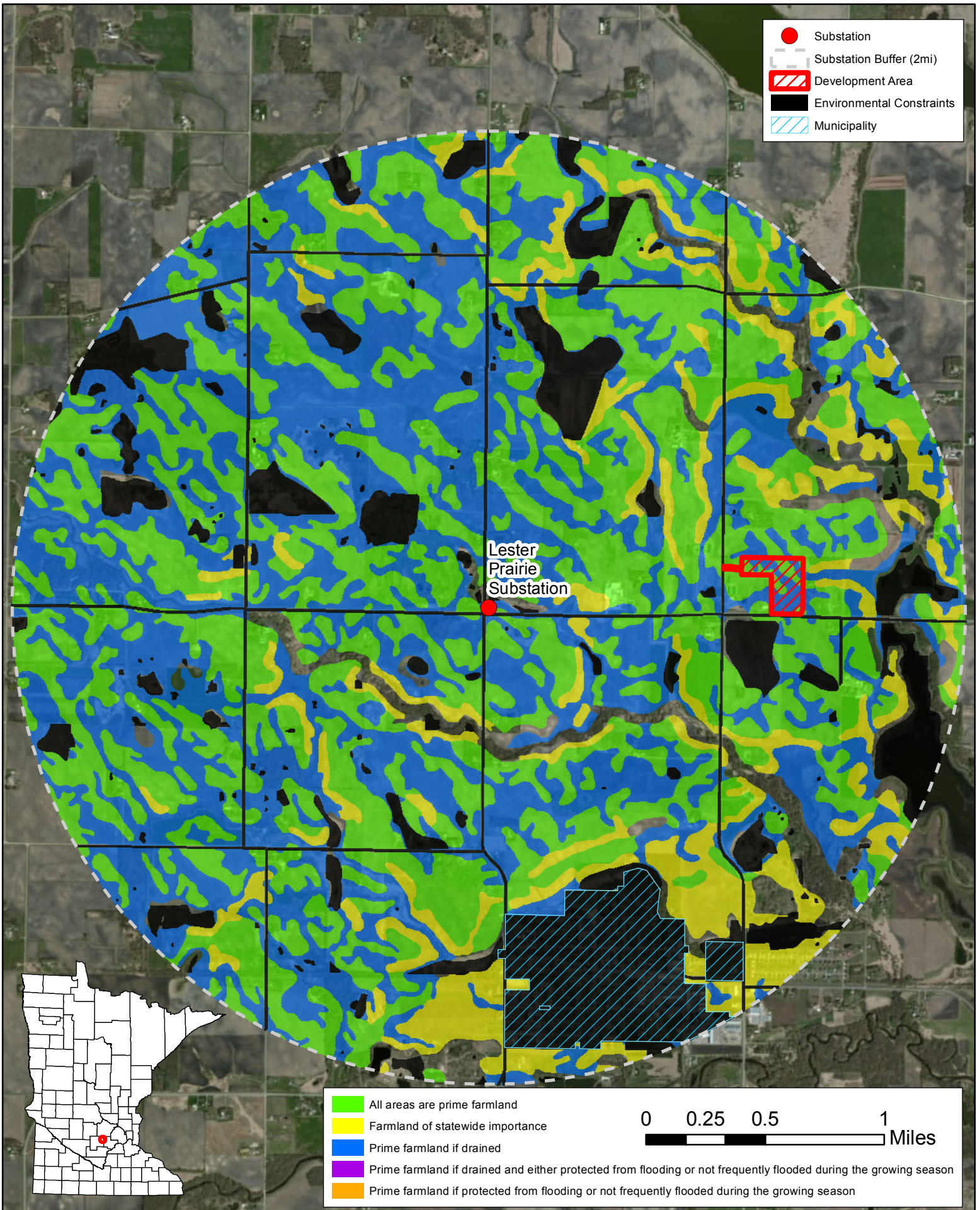
Appendix E - Prime Farmland in 2-mile Radius of Interconnection Substations Lawrence Creek



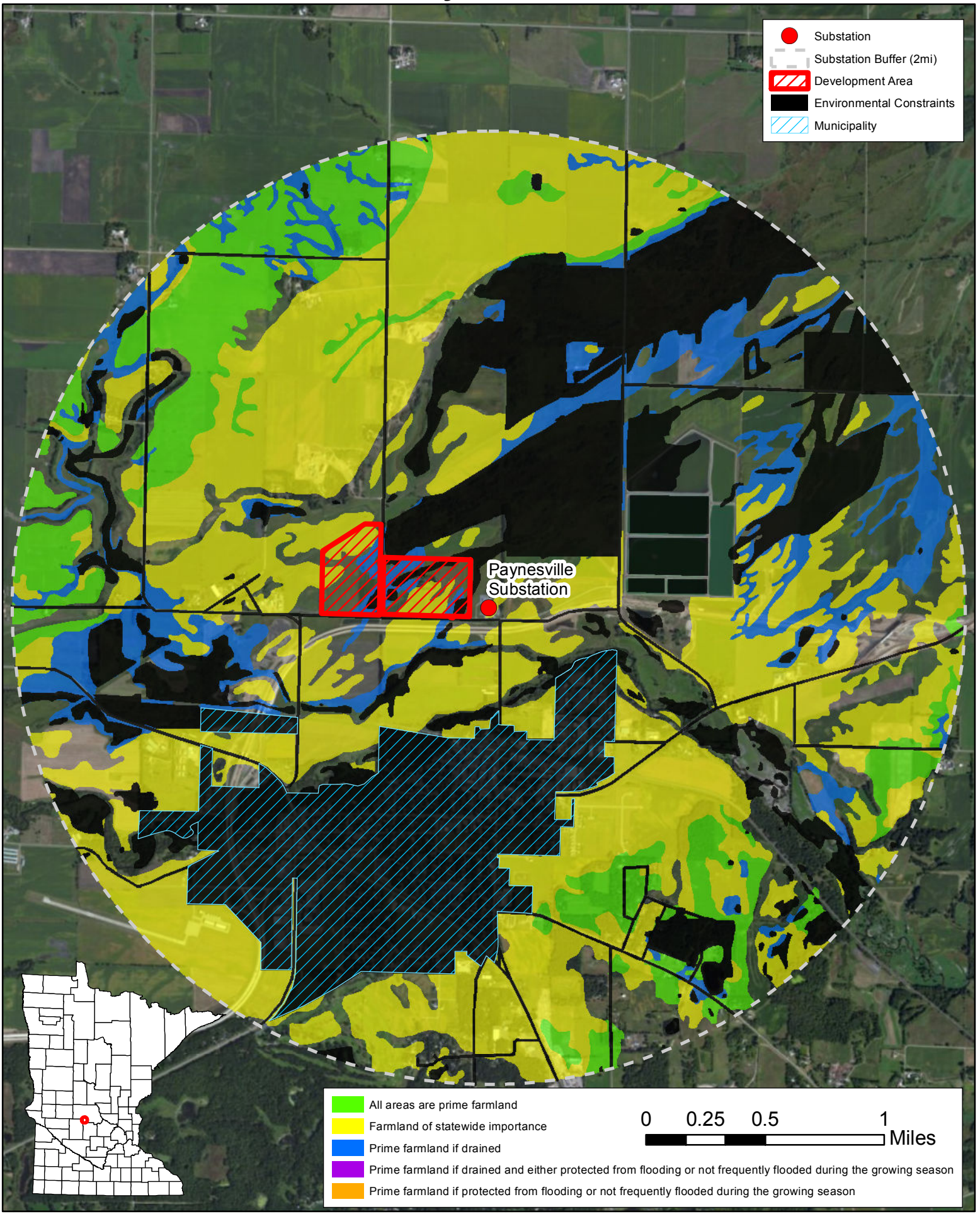
- Substation
- Substation Buffer (2mi)
- Development Area
- Environmental Constraints
- Municipality

- All areas are prime farmland
 - Farmland of statewide importance
 - Prime farmland if drained
 - Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
 - Prime farmland if protected from flooding or not frequently flooded during the growing season
- 0 0.25 0.5 1 Miles

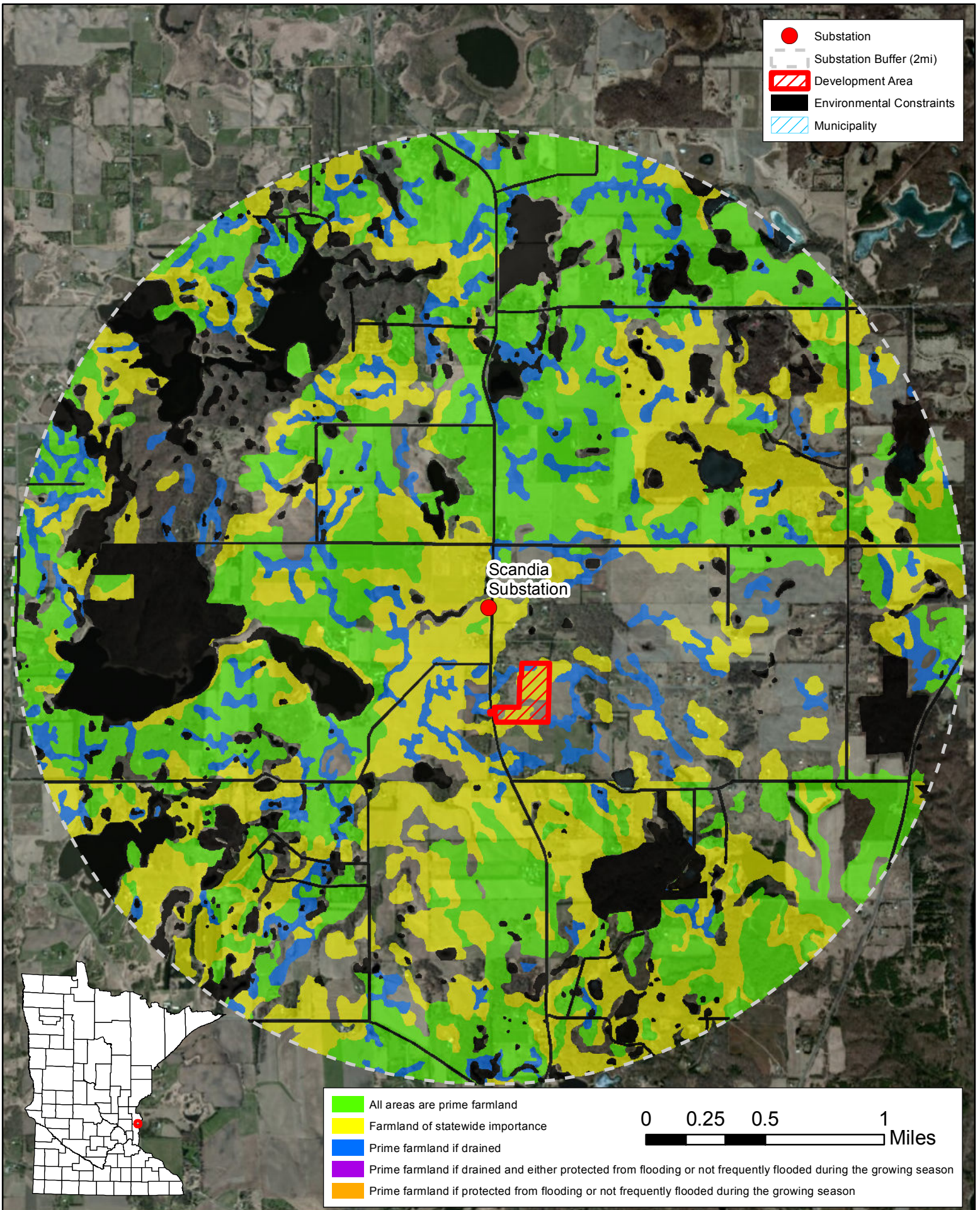
Appendix E - Prime Farmland in 2-mile Radius of Interconnection Substations Lester Prairie



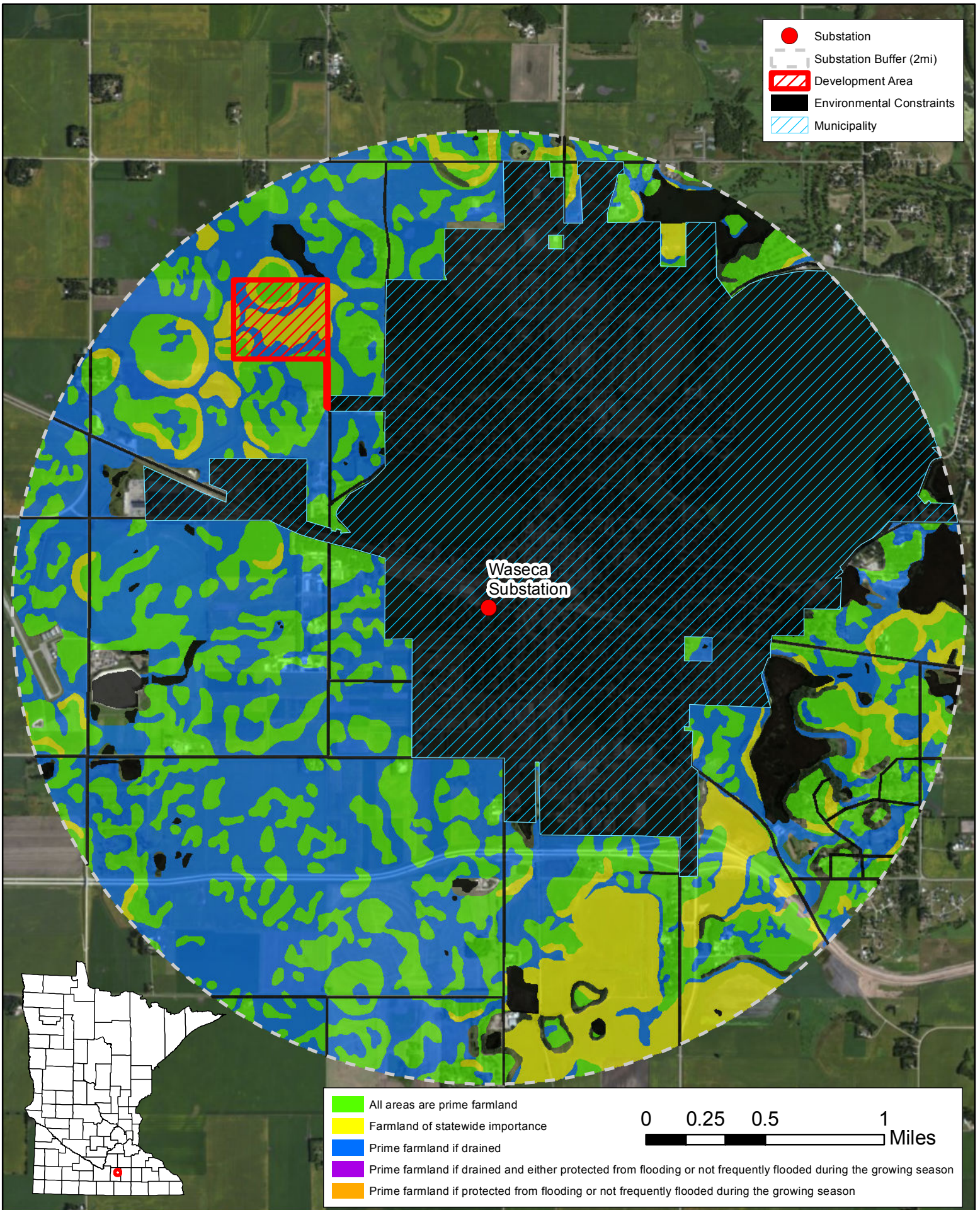
Appendix E - Prime Farmland in 2-mile Radius of Interconnection Substations Paynesville



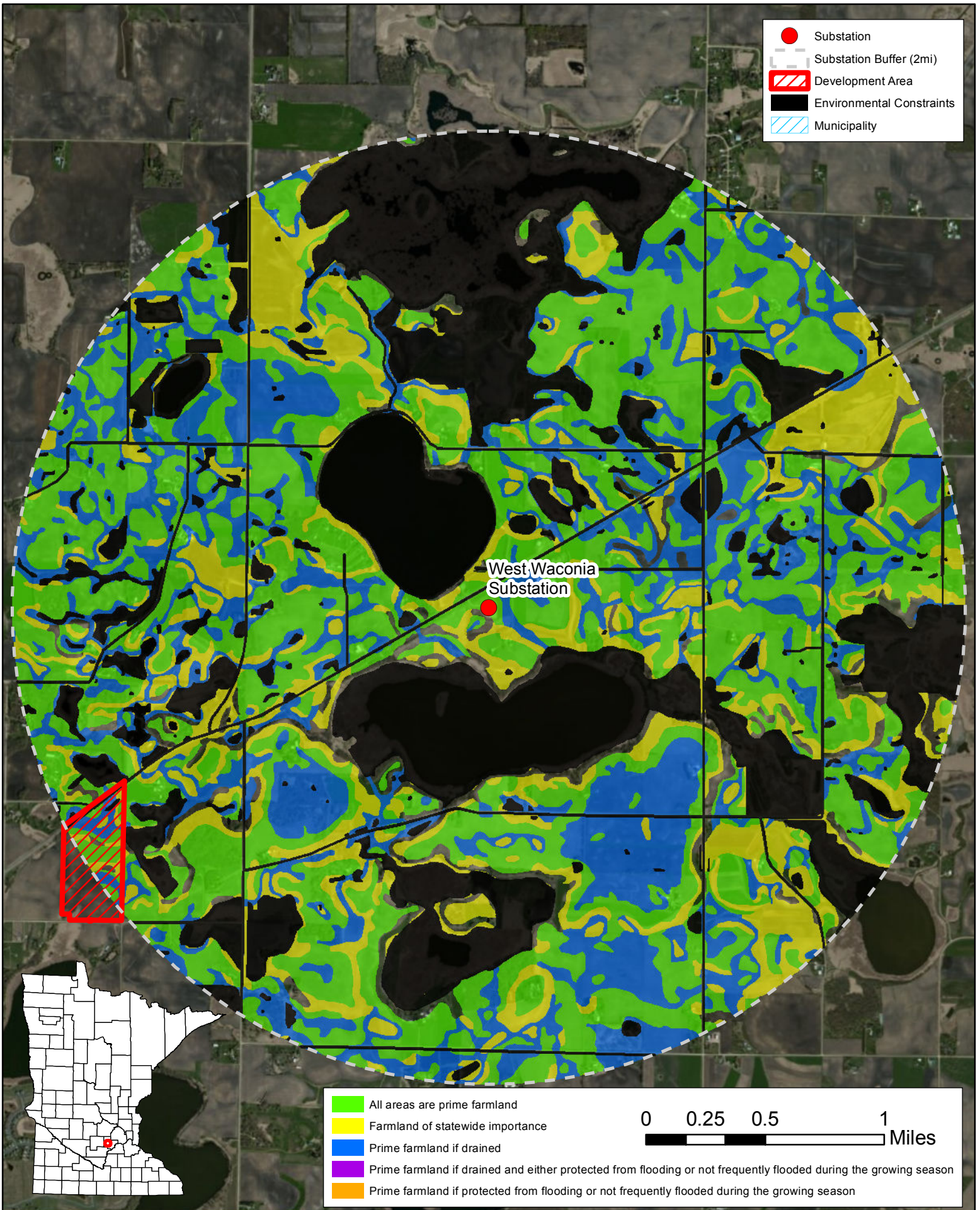
Appendix E - Prime Farmland in 2-mile Radius of Interconnection Substations Scandia



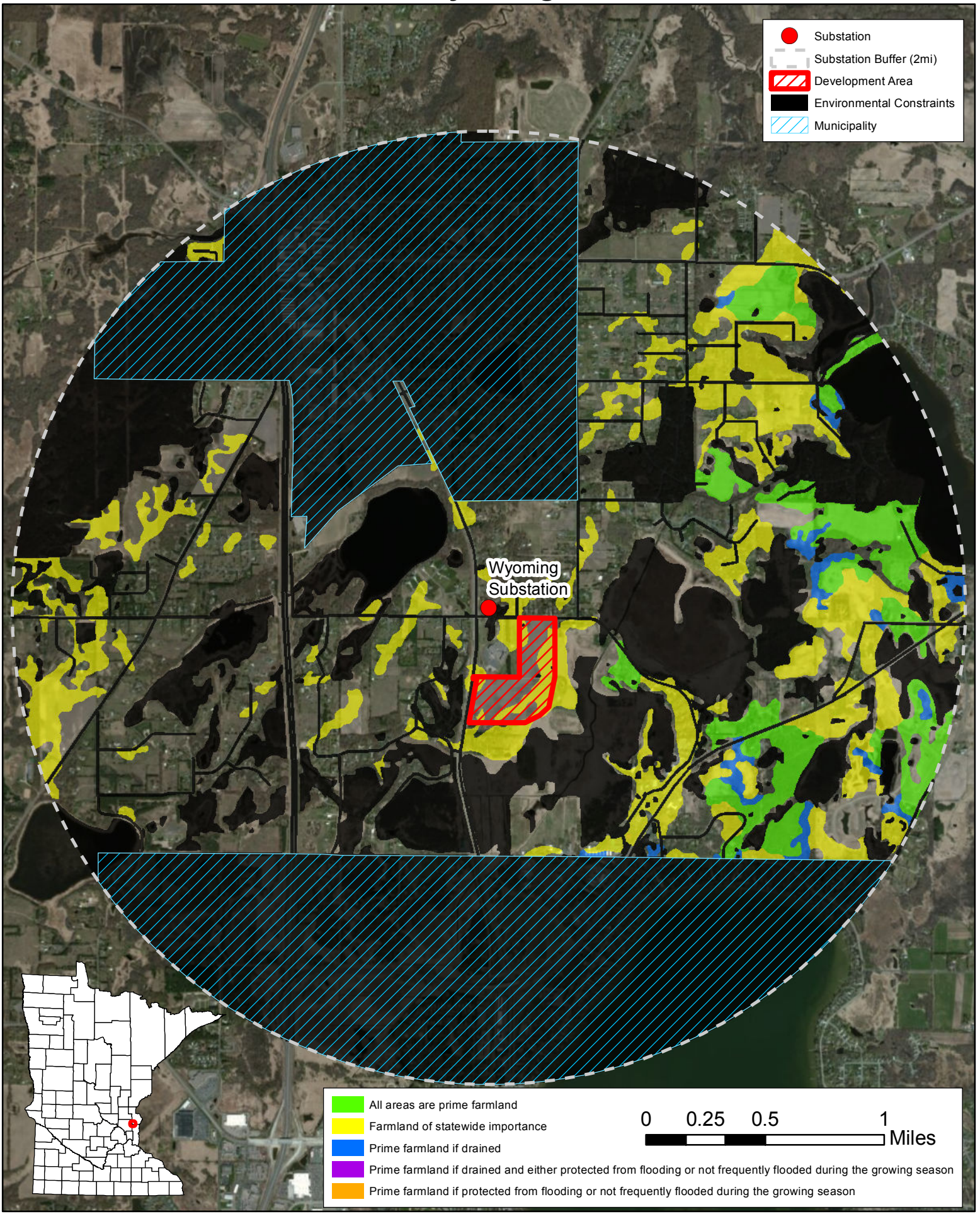
Appendix E - Prime Farmland in 2-mile Radius of Interconnection Substations Waseca



Appendix E - Prime Farmland in 2-mile Radius of Interconnection Substations West Waconia



Appendix E - Prime Farmland in 2-mile Radius of Interconnection Substations Wyoming





Appendix F Soil and Groundwater Information



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	Albany			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	38	Waukon loam	0.7	22.7%
	180	Gonvick loam	1.1	38.1%
	109	Cordova loam	0.1	4.0%
	260	Duelm loamy sand	0.1	3.0%
	459	Corunna loam	0.6	18.6%
	540	Seelyeville muck	0.1	2.6%
	572	Lowlein sandy loam	0.3	10.9%
Preliminary Development Area	38	Waukon loam	18.9	17.6%
	180	Gonvick loam	40.2	37.4%
	109	Cordova loam	10.6	9.8%
	260	Duelm loamy sand	2.7	2.5%
	459	Corunna loam	18.0	16.7%
	540	Seelyeville muck	6.7	6.3%
	544	Cathro muck	0.7	0.7%
	572	Lowlein sandy loam	8.5	7.9%
Grading Area	582	Roliss loam	1.2	1.1%
	38	Waukon loam	10.0	24.6%
	180	Gonvick loam	19.0	47.0%
	109	Cordova loam	2.1	5.3%
	260	Duelm loamy sand	1.8	4.5%
	459	Corunna loam	5.4	13.5%
	540	Seelyeville muck	<0.0	0.1%
	544	Cathro muck	0.2	0.6%
	572	Lowlein sandy loam	1.7	4.2%
Facility Land Control	582	Roliss loam	0.1	0.3%
	38	Waukon loam	19.0	8.2%
	180	Gonvick loam	70.5	30.6%
	109	Cordova loam	43.3	18.8%
	1828	Glencoe muck	2.1	0.9%
	260	Duelm loamy sand	3.9	1.7%
	459	Corunna loam	18.0	7.8%
	540	Seelyeville muck	52.9	22.9%
	544	Cathro muck	6.0	2.6%
	572	Lowlein sandy loam	12.6	5.5%
582	Roliss loam	2.3	1.0%	

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility		Annandale		
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	1023	Lester-Malardi complex	0.4	17.5%
	1026	Lizzie silt loam	0.3	14.6%
	1087	Angus-Malardi complex	0.6	29.4%
	109	Cordova clay loam	0.8	38.5%
Preliminary Development Area	1023	Lester-Malardi complex	11.6	16.4%
	1026	Lizzie silt loam	6.8	9.6%
	1087	Angus-Malardi complex	26.0	36.8%
	1362	Angus loam	3.1	4.3%
	109	Cordova clay loam	21.5	30.4%
	414	Hamel loam	1.8	2.6%
Grading Area	1023	Lester-Malardi complex	8.6	17.4%
	1026	Lizzie silt loam	6.1	12.5%
	1087	Angus-Malardi complex	19.3	39.1%
	1362	Angus loam	1.0	2.0%
	109	Cordova clay loam	14.3	29.0%
Facility Land Control	1023	Lester-Malardi complex	11.6	16.4%
	1026	Lizzie silt loam	6.8	9.6%
	1087	Angus-Malardi complex	26.0	36.8%
	1362	Angus loam	3.1	4.3%
	109	Cordova clay loam	21.5	30.4%
	414	Hamel loam	1.8	2.6%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	Atwater			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	L324	Forestcity	0.1	19.8%
	L337	Wadenill-Sunburg complex	0.1	15.9%
	L354	Grovecity loam	0.4	64.3%
Preliminary Development Area	41	Estherville coarse sandy loam	1.0	2.7%
	39	Wadena loam	1.8	5.1%
	L324	Forestcity	4.0	11.1%
	L337	Wadenill-Sunburg complex	13.0	35.8%
	L347	Klossner and Lundlake soils	1.9	5.4%
Grading Area	L354	Grovecity loam	14.5	40.0%
	41	Estherville coarse sandy loam	0.5	3.7%
	39	Wadena loam	1.8	12.3%
	L324	Forestcity	0.7	4.8%
	L337	Wadenill-Sunburg complex	6.6	45.7%
Facility Land Control	L354	Grovecity loam	4.9	33.5%
	41	Estherville coarse sandy loam	1.4	3.4%
	39	Wadena loam	1.9	4.7%
	842	Urban land-Udorthents complex	0.3	0.8%
	L324	Forestcity	4.0	10.0%
	L337	Wadenill-Sunburg complex	15.1	37.6%
	L347	Klossner and Lundlake soils	1.9	4.9%
L354	Grovecity loam	15.5	38.6%	

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	Brooten			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	41	Estherville sandy loam	0.2	48.9%
	413	Osakis loam	0.1	11.6%
	566	Regal loam	0.2	39.6%
Preliminary Development Area	41	Estherville sandy loam	2.5	19.6%
	413	Osakis loam	4.0	31.1%
	543	Markey muck	<0.0	<0.0%
	566	Regal loam	6.4	49.3%
Facility Land Control	41	Estherville sandy loam	2.5	19.6%
	413	Osakis loam	4.0	31.1%
	543	Markey muck	<0.0	<0.0%
	566	Regal loam	6.4	49.3%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	Chisago			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	328	Sartell fine sand	0.4	21.4%
	676	Kost loamy fine sand	1.5	78.6%
Preliminary Development Area	328	Sartell fine sand	18.5	30.6%
	676	Kost loamy fine sand	41.8	69.1%
	161	Isanti loamy fine sand	0.2	0.3%
Grading Area	676	Kost loamy fine sand	7.8	100.0%
Facility Land Control	328	Sartell fine sand	19.7	31.6%
	676	Kost loamy fine sand	41.9	67.2%
	161	Isanti loamy fine sand	0.8	1.3%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	Dodge Center			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	M523C2	Bassett-Kasson complex	0.1	7.7%
	M506	Kasson silt loam	0.7	65.7%
	M518	Clyde-Floyd complex	0.3	26.6%
Preliminary Development Area	1027	Coland-Spillville complex	<0.0	<0.0%
	M522D2	Bassett-Racine complex	2.0	3.4%
	M523C2	Bassett-Kasson complex	2.2	3.7%
	M506	Kasson silt loam	43.8	72.9%
	M511	Readlyn silt loam	0.2	0.4%
	M518	Clyde-Floyd complex	11.7	19.6%
Grading Area	M522D2	Bassett-Racine complex	0.6	1.1%
	M523C2	Bassett-Kasson complex	1.4	2.6%
	M506	Kasson silt loam	40.6	76.7%
	M511	Readlyn silt loam	0.3	0.5%
	M518	Clyde-Floyd complex	10.1	19.1%
Facility Land Control	M522D2	Bassett-Racine complex	7.1	10.4%
	M523C2	Bassett-Kasson complex	2.0	3.0%
	M506	Kasson silt loam	45.4	66.3%
	M511	Readlyn silt loam	1.7	2.5%
	M518	Clyde-Floyd complex	12.2	17.8%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	Eastwood			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	109	Cordova clay loam	0.3	19.2%
	110	Marna silty clay loam	0.3	24.1%
	211	Lura silty clay	0.3	24.8%
	239	Le Sueur clay loam	0.2	17.2%
	286	Shorewood silty clay loam	0.1	7.1%
	287	Minnetonka silty clay loam	0.1	7.6%
Preliminary Development Area	109	Cordova clay loam	1.4	2.8%
	110	Marna silty clay loam	17.1	34.4%
	211	Lura silty clay	3.6	7.2%
	239	Le Sueur clay loam	2.4	4.8%
	286	Shorewood silty clay loam	6.1	12.3%
	287	Minnetonka silty clay loam	19.1	38.5%
Facility Land Control	109	Cordova clay loam	1.4	2.8%
	110	Marna silty clay loam	17.1	34.4%
	211	Lura silty clay	3.6	7.2%
	239	Le Sueur clay loam	2.4	4.8%
	286	Shorewood silty clay loam	6.1	12.3%
	287	Minnetonka silty clay loam	19.1	38.5%

Note: There is no Grading Area at this site

Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	Fiesta City			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	591	Doland silt loam	0.3	30.5%
	1802	Spicer-Quam silty clay loams	0.1	13.7%
	597	Tara silty clay loam	0.5	46.0%
	891	Doland-Swanlake complex	0.1	9.7%
Preliminary Development Area	591	Doland silt loam	4.6	18.1%
	1802	Spicer-Quam silty clay loams	5.6	21.8%
	597	Tara silty clay loam	8.0	31.2%
	891	Doland-Swanlake complex	7.4	28.9%
Grading Area	591	Doland silt loam	0.1	0.6%
	1802	Spicer-Quam silty clay loams	2.4	21.0%
	597	Tara silty clay loam	2.6	22.4%
	891	Doland-Swanlake complex	6.5	55.9%
Facility Land Control	591	Doland silt loam	4.6	18.1%
	1802	Spicer-Quam silty clay loams	5.6	21.8%
	597	Tara silty clay loam	8.0	31.2%
	891	Doland-Swanlake complex	7.4	28.9%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	Hastings			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	340	Whalan silt loam	0.1	6.4%
	529	Ripon silt loam	0.2	9.9%
	1827	Waukegan variant silt loam	0.4	20.8%
	298	Richwood silt loam	0.9	49.7%
	411	Waukegan silt loam	0.2	13.1%
Preliminary Development Area	2	Ostrander silt loam	4.8	11.9%
	340	Whalan silt loam	0.3	0.8%
	411	Waukegan silt loam	1.4	3.5%
	529	Ripon silt loam	2.0	4.8%
	1827	Waukegan variant silt loam	8.4	20.6%
	298	Richwood silt loam	14.2	35.1%
	411	Waukegan silt loam	9.4	23.2%
Facility Land Control	2	Ostrander silt loam	5.2	12.9%
	411	Waukegan silt loam	1.6	3.8%
	529	Ripon silt loam	1.9	4.6%
	1827	Waukegan variant silt loam	8.4	20.6%
	298	Richwood silt loam	14.4	35.5%
	411	Waukegan silt loam	9.2	22.6%

Note: There is no Grading Area at this site

Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	Lake Emily			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	106	Lester loam	0.3	24.7%
	239	Le Sueur clay loam	0.9	62.0%
	109	Cordova clay loam	0.2	13.3%
Preliminary Development Area	106	Lester loam	20.3	47.9%
	239	Le Sueur clay loam	11.7	27.7%
	109	Cordova clay loam	10.2	24.2%
	414	Hamel clay loam	0.1	0.3%
Grading Area	106	Lester loam	15.6	57.2%
	239	Le Sueur clay loam	6.2	22.7%
	109	Cordova clay loam	5.3	19.6%
	414	Hamel clay loam	0.1	0.5%
Facility Land Control	106	Lester loam	22.4	47.8%
	239	Le Sueur clay loam	13.6	29.1%
	109	Cordova clay loam	10.2	21.8%
	414	Hamel clay loam	0.6	1.3%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	Lake Pulaski			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	106	Lester loam	1.8	57.0%
	1362	Angus loam	0.4	12.6%
	1901	Angus-Le Sueur complex	0.2	7.2%
	414	Hamel loam	0.3	8.7%
	740	Hamel-Glencoe	0.5	14.5%
Preliminary Development Area	106	Lester loam	39.6	62.7%
	1362	Angus loam	7.3	11.5%
	1901	Angus-Le Sueur complex	2.9	4.6%
	414	Hamel loam	3.9	6.2%
	740	Hamel-Glencoe	9.5	15.0%
Grading Area	106	Lester loam	39.4	62.8%
	1362	Angus loam	7.2	11.5%
	1901	Angus-Le Sueur complex	2.9	4.6%
	414	Hamel loam	3.8	6.0%
	740	Hamel-Glencoe	9.5	15.1%
Facility Land Control	106	Lester loam	49.2	64.9%
	1362	Angus loam	8.3	10.9%
	1901	Angus-Le Sueur complex	2.9	3.8%
	414	Hamel loam	4.1	5.5%
	740	Hamel-Glencoe	11.3	14.9%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	Lawrence Creek			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	40	Nebish loam	0.6	55.0%
	346	Talmoon loam	0.4	38.4%
	544	Cathro muck	<0.0	4.1%
	75	Bluffton loam	<0.0	2.5%
Preliminary Development Area	40	Nebish loam	17.6	44.8%
	346	Talmoon loam	16.1	40.8%
	544	Cathro muck	0.6	1.5%
	75	Bluffton loam	5.1	12.9%
Grading Area	40	Nebish loam	6.8	63.5%
	346	Talmoon loam	3.0	28.2%
	75	Bluffton loam	0.9	8.3%
Facility Land Control	40	Nebish loam	23.4	31.4%
	346	Talmoon loam	21.4	28.8%
	544	Cathro muck	2.5	3.3%
	678	Beltrami loam	3.4	4.6%
	75	Bluffton loam	23.7	31.9%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	Lester Prairie			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	106	Lester loam	0.4	33.1%
	945	Lester-Storden complex	0.2	19.2%
	109	Cordova clay loam	<0.0	3.5%
	239	Le Sueur loam	0.1	9.7%
	414	Hamel loam	0.1	8.4%
	978	Cordova-Rolfe complex	0.3	25.2%
	L107	Canisteo-Glencoe	<0.0	1.0%
Preliminary Development Area	106	Lester loam	3.8	14.8%
	945	Lester-Storden complex	4.9	18.9%
	109	Cordova clay loam	1.2	4.5%
	239	Le Sueur loam	2.0	7.6%
	414	Hamel loam	0.5	2.0%
	978	Cordova-Rolfe complex	6.5	25.1%
	L107	Canisteo-Glencoe	7.0	27.0%
Grading Area	106	Lester loam	0.1	1.2%
	945	Lester-Storden complex	3.7	49.2%
	109	Cordova clay loam	1.1	14.6%
	239	Le Sueur loam	0.3	4.6%
	414	Hamel loam	0.5	6.5%
	978	Cordova-Rolfe complex	1.8	23.9%
Facility Land Control	106	Lester loam	6.6	22.1%
	945	Lester-Storden complex	5.6	18.6%
	109	Cordova clay loam	1.2	3.9%
	239	Le Sueur loam	2.0	6.7%
	414	Hamel loam	0.6	1.9%
	978	Cordova-Rolfe complex	6.6	22.0%
	L107	Canisteo-Glencoe	7.4	24.8%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	Mayhew			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	C64	Mora fine sandy loam	0.4	100.0%
Preliminary Development Area	C48	Ronneby loam	0.8	3.7%
	C64	Mora fine sandy loam	9.0	41.4%
	C65	Parent loam	0.9	4.2%
	C69	Milaca	11.1	50.7%
Grading Area	C48	Ronneby loam	<0.0	0.5%
	C64	Mora fine sandy loam	1.0	18.1%
	C65	Parent loam	0.6	11.0%
	C69	Milaca	4.0	70.4%
Facility Land Control	C48	Ronneby loam	1.2	3.2%
	C64	Mora fine sandy loam	21.1	58.5%
	C65	Parent loam	0.9	2.6%
	C69	Milaca	12.9	35.7%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	Montrose			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	109	Cordova clay loam	0.4	41.4%
	1901	Angus-Le Sueur complex	0.6	58.6%
Preliminary Development Area	86	Canisteo clay loam	0.2	0.5%
	106	Lester loam	0.8	2.4%
	109	Cordova clay loam	11.1	32.0%
	114	Glencoe clay loam	4.4	12.6%
	239	Le Sueur clay loam	1.1	3.3%
	414	Hamel loam	0.5	1.4%
	539	Klossner muck	0.1	0.2%
	956	Canisteo-Glencoe	<0.0	0.1%
	1901	Angus-Le Sueur complex	16.5	47.6%
Grading Area	106	Lester loam	0.1	0.7%
	109	Cordova clay loam	8.3	36.8%
	114	Glencoe clay loam	2.3	10.0%
	1901	Angus-Le Sueur complex,	11.9	52.5%
Facility Land Control	86	Canisteo clay loam	0.2	0.4%
	106	Lester loam	0.8	2.2%
	109	Cordova clay loam	11.3	29.9%
	114	Glencoe clay loam	4.9	13.1%
	239	Le Sueur clay loam	1.1	3.0%
	414	Hamel loam	0.5	1.3%
	539	Klossner muck	0.1	0.2%
	956	Canisteo-Glencoe	<0.0	0.1%
1901	Angus-Le Sueur complex	18.7	49.8%	

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility		Paynesville		
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	875	Estherville-Hawick complex	<0.0	<0.0%
	413	Osakis loam	1.1	37.8%
	543	Markey muck	0.1	1.7%
	566	Regal loam	1.3	42.6%
	392/399	Biscay loam	0.3	11.0%
	255/318	Mayer loam	0.2	6.9%
Preliminary Development Area	875	Estherville-Hawick complex	3.1	2.9%
	413	Osakis loam	26.5	24.5%
	543	Markey muck	2.2	2.1%
	566	Regal loam	39.3	36.3%
	392/399	Biscay loam	13.1	12.1%
	255/318	Mayer loam	24.1	22.2%
Grading Area	875	Estherville-Hawick complex	2.9	17.7%
	413	Osakis loam	5.8	35.3%
	566	Regal loam	4.1	24.6%
	392/399	Biscay loam	1.5	8.9%
	255/318	Mayer loam	2.2	13.5%
Facility Land Control	41	Estherville sandy loam	0.1	<0.0%
	875	Estherville-Hawick complex	3.1	1.2%
	1029	Pits	2.3	0.9%
	413	Osakis loam	63.3	24.2%
	543	Markey muck	16.2	6.2%
	566	Regal loam	84.9	32.4%
	611C	Hawick loamy sand	0.2	0.1%
	392/399	Biscay loam	25.7	9.8%
	255/318	Mayer loam	66.2	25.3%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility		Pine Island		
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	N577	Shandep-Cylinder complex	0.8	48.3%
	N579	Dakota silt loam	0.8	51.7%
Preliminary Development Area	N501	Downs silt loam	0.6	1.5%
	N577	Shandep-Cylinder complex	20.8	52.5%
	N579	Dakota silt loam	15.3	38.7%
	N615	Otter silt loam	2.9	7.3%
Facility Land Control	N501	Downs silt loam	1.5	3.3%
	N577	Shandep-Cylinder complex	22.0	48.0%
	N579	Dakota silt loam	17.0	37.1%
	N615	Otter silt loam	4.7	10.2%
	N578	Barremills silt loam	<0.0	0.1%
	N614	Kalmarville-Radford complex	0.6	1.4%

Note: There is no Grading Area at this site

Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	Pipestone			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	J71	Brookings silty clay loam	0.3	57.8%
	J93	Hidewood-Badger complex	0.2	42.2%
Preliminary Development Area	J71	Brookings silty clay loam	9.9	67.8%
	J77	Lamoure silty clay loam	<0.0	<0.0%
	J93	Hidewood-Badger complex	4.7	32.2%
Facility Land Control	J71	Brookings silty clay loam	10.0	63.5%
	J77	Lamoure silty clay loam	0.1	0.6%
	J93	Hidewood-Badger complex	5.7	35.9%

Note: There is no Grading Area at this site

Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	Scandia			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	155	Chetek loam (sandy)	0.3	50.9%
	159	Anoka loamy very fine sand	0.2	37.7%
	346	Talmoon loam	0.1	11.5%
Preliminary Development Area	155	Chetek loam (sandy)	12.0	51.5%
	159	Anoka loamy very fine sand	10.3	44.0%
	328	Sartell fine sand	<0.0	<0.0%
	346	Talmoon loam	1.0	4.5%
Grading Area	155	Chetek loam (sandy)	9.3	57.9%
	159	Anoka loamy very fine sand	5.9	37.0%
	346	Talmoon loam	0.8	5.1%
Facility Land Control	155	Chetek loam (sandy)	12.6	51.6%
	159	Anoka loamy very fine sand	10.3	42.2%
	328	Sartell fine sand	0.2	0.7%
	346	Talmoon loam	1.3	5.5%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	Waseca			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	L107	Canisteo-Glencoe	0.1	2.5%
	L113	Reedslake loam	0.7	16.0%
	L124	Glencoe mucky clay loam	0.1	3.1%
	L13	Klossner muck	1.8	43.6%
	L36	Hamel	<0.0	0.6%
	L78	Canisteo clay loam	0.6	14.3%
	L84	Glencoe clay loam	0.1	2.0%
	L90	Le Sueur clay loam	0.4	9.8%
	L80	Lester loam	0.3	8.1%
Preliminary Development Area	L107	Canisteo-Glencoe	1.8	2.1%
	L113	Reedslake loam	13.7	16.1%
	L124	Glencoe mucky clay loam	1.9	2.3%
	L13	Klossner muck	31.1	36.6%
	L36	Hamel	0.2	0.2%
	L78	Canisteo clay loam	23.8	28.0%
	L81	Cordova clay loam	1.1	1.3%
	L84	Glencoe clay loam	0.4	0.5%
	L90	Le Sueur clay loam	2.1	2.4%
L80	Lester loam	9.1	10.7%	
Grading Area	L107	Canisteo-Glencoe	0.3	0.7%
	L113	Reedslake loam	11.3	25.8%
	L124	Glencoe mucky clay loam	<0.0	0.1%
	L13	Klossner muck	5.7	13.0%
	L78	Canisteo clay loam	17.3	39.6%
	L81	Cordova clay loam	1.1	2.4%
	L84	Glencoe clay loam	<0.0	0.1%
	L90	Le Sueur clay loam	1.2	2.8%
	L80	Lester loam	6.7	15.4%
Facility Land Control	L107	Canisteo-Glencoe	2.2	2.5%
	L113	Reedslake loam	14.9	16.7%
	L124	Glencoe mucky clay loam	2.1	2.4%
	L13	Klossner muck	32.1	35.9%
	L36	Hamel	0.2	0.2%
	L78	Canisteo clay loam	24.1	27.0%
	L81	Cordova clay loam	1.3	1.4%
	L84	Glencoe clay loam	0.5	0.5%
	L90	Le Sueur clay loam	2.3	2.6%
L80	Lester loam	9.7	10.8%	

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	West Faribault			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	39	Wadena loam	0.1	9.6%
	104	Hayden loam	0.4	25.3%
	376	Moland silt loam	0.5	35.4%
	484	Eyota fine sandy loam	0.1	9.8%
	253	Maxcreek silty clay loam	0.1	7.8%
	377	Merton silt loam	0.2	12.1%
Preliminary Development Area	39	Wadena loam	0.8	1.3%
	41	Estherville sandy loam	0.2	0.4%
	104	Hayden loam	20.8	35.0%
	376	Moland silt loam	16.0	27.0%
	484	Eyota fine sandy loam	0.8	1.3%
	253	Maxcreek silty clay loam	8.5	14.2%
	377	Merton silt loam	10.5	17.7%
	392	Biscay loam	1.8	3.1%
Grading Area	104	Hayden loam	10.1	27.3%
	376	Moland silt loam	10.9	29.5%
	253	Maxcreek silty clay loam	6.4	17.2%
	377	Merton silt loam	9.6	26.0%
Facility Land Control	39	Wadena loam	5.6	6.6%
	41	Estherville sandy loam	0.6	0.7%
	104	Hayden loam	32.5	38.0%
	376	Moland silt loam	22.1	25.9%
	484	Eyota fine sandy loam	2.1	2.5%
	253	Maxcreek silty clay loam	8.9	10.5%
	377	Merton silt loam	10.6	12.4%
	392	Biscay loam	3.0	3.5%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	West Waconia			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	CD3	Lester clay loam	0.1	5.8%
	CS	Canisteo silty clay loam	<0.0	4.2%
	CT	Canisteo clay loam	0.1	7.6%
	HM	Hamel loam	0.1	13.4%
	L	Lester loam	0.5	56.5%
	T	Terril loam	<0.0	3.7%
	LA	Le Sueur-Lester loams	0.1	8.9%
Preliminary Development Area	CD3	Lester clay loam	2.4	3.1%
	CS	Canisteo silty clay loam	6.0	7.7%
	CT	Canisteo clay loam	8.9	11.4%
	HM	Hamel loam	7.1	9.1%
	PM	Klossner muck	0.8	1.0%
	L	Lester loam	37.3	47.8%
	T	Terril loam	3.1	4.0%
Grading Area	LA	Le Sueur-Lester loams	12.5	16.0%
	CD3	Lester clay loam	2.4	4.0%
	CS	Canisteo silty clay loam	3.1	5.2%
	CT	Canisteo clay loam	4.6	7.7%
	HM	Hamel loam	6.1	10.3%
	PM	Klossner muck	0.8	1.3%
	L	Lester loam	33.1	55.4%
	T	Terril loam	2.2	3.7%
Facility Land Control	LA	Le Sueur-Lester loams	7.4	12.4%
	CD3	Lester clay loam	2.4	3.2%
	CS	Canisteo silty clay loam	5.6	7.3%
	CT	Canisteo clay loam	7.7	10.2%
	HM	Hamel loam	7.4	9.8%
	MK	Houghton and Muskego soils	<0.0	0.0%
	PM	Klossner muck	0.8	1.0%
	L	Lester loam	37.1	49.0%
	T	Terril loam	3.6	4.7%
LA	Le Sueur-Lester loams	11.2	14.8%	

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	Wyoming			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	158	Zimmerman loamy fine sand	0.7	30.3%
	169	Braham loamy fine sand	0.9	39.4%
	162	Lino loamy fine sand	0.1	5.1%
	722	Blomford loamy sand	0.1	6.2%
	726	Kratka loamy fine sand	0.4	19.0%
Preliminary Development Area	158	Zimmerman loamy fine sand	14.6	23.6%
	169	Braham loamy fine sand	21.8	35.1%
	161	Isanti loamy fine sand	0.4	0.7%
	162	Lino loamy fine sand	1.3	2.1%
	722	Blomford loamy sand	10.3	16.6%
	726	Kratka loamy fine sand	13.6	21.9%
Grading Area	158	Zimmerman loamy fine sand	1.6	16.7%
	169	Braham loamy fine sand	3.2	33.8%
	726	Kratka loamy fine sand	4.7	49.5%
Facility Land Control	158	Zimmerman loamy fine sand	14.7	21.8%
	169	Braham loamy fine sand	26.5	39.3%
	161	Isanti loamy fine sand	0.4	0.6%
	162	Lino loamy fine sand	1.3	2.0%
	722	Blomford loamy sand	10.8	16.1%
	726	Kratka loamy fine sand	13.6	20.2%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

SSURGO Map Unit Name				
Facility	Zumbrota			
Area	Map Symbol	Soil Type	Acres	Percent of Soil Type within Area
Roads and Inverters	N577	Shandep-Cylinder complex	0.2	13.7%
	N579	Dakota silt loam	1.2	86.3%
Preliminary Development Area	M522D2	Bassett-Racine complex	<0.0	0.1%
	N577	Shandep-Cylinder complex	5.5	17.4%
	N579	Dakota silt loam	20.8	65.2%
	N615	Otter silt loam	5.5	17.2%
Grading Area	N577	Shandep-Cylinder complex	0.1	1.9%
	N579	Dakota silt loam	4.5	98.1%
Facility Land Control	M522D2	Bassett-Racine complex	0.3	0.7%
	M523C2	Bassett-Kasson complex	<0.0	<0.0%
	N577	Shandep-Cylinder complex	5.6	15.6%
	N579	Dakota silt loam	22.5	63.1%
	N615	Otter silt loam	7.3	20.5%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix F Soil and Groundwater Information

Facility	MDH Wellhead Protection Area	
	Buffer of Facility Land Control	Preliminary Development Area
	Within 1 mile	Area
	Count	Count
Albany	1	1
Annandale	1	1
Atwater	1	0
Brooten	0	0
Chisago	0	0
Dodge Center	0	0
Eastwood	0	0
Fiesta City	1	0
Hastings	0	0
Lake Emily	0	0
Lake Pulaski	0	0
Lawrence Creek	1	1
Lester Prairie	0	0
Mayhew	1	0
Montrose	0	0
Paynesville	1	1
Pine Island	1	1
Pipestone	1	0
Scandia	0	0
Waseca	0	0
West Faribault	1	1
West Waconia	0	0
Wyoming	3	0
Zumbrota	0	0



Appendix G Wetland Information



Appendix G Wetland Information

National Wetland Inventory			
Facility	Albany		
Area	Wetland Type	Acres	Percent of Wetland Type of Total Wetland Acres within Area
Roads and Inverters	Freshwater Emergent Wetland	0.1	100.0%
	Total	0.1	100.0%
Preliminary Development Area	Freshwater Emergent Wetland	10.5	97.9%
	Freshwater Pond	0.2	2.1%
	Total	10.7	100.0%
Grading Area	Freshwater Emergent Wetland	0.9	88.4%
	Freshwater Pond	0.1	11.6%
	Total	1.0	100%
Facility Land Control	Freshwater Emergent Wetland	60.5	99.0%
	Freshwater Pond	0.6	1.0%
	Total	61.2	100.0%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix G Wetland Information

National Wetland Inventory (EC Update Area)			
Facility		Annandale	
Area	Wetland Type	Acres	Percent of Wetland Type of Total Wetland Acres within Area
Preliminary Development Area	Freshwater Emergent Wetland	1.5	92.6%
	Freshwater Forested/Shrub Wetland	0.1	7.4%
	Total	1.6	100.0%
Grading Area	Freshwater Emergent Wetland	0.3	88.8%
	Freshwater Forested/Shrub Wetland	<0.0	11.2%
	Total	0.3	100.0%
Facility Land Control	Freshwater Emergent Wetland	1.5	92.6%
	Freshwater Forested/Shrub Wetland	0.1	7.4%
	Total	1.6	100.0%

Note: There are no wetland impacts for the area Roads and Inverters at this facility. Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix G Wetland Information

National Wetland Inventory			
Facility	Chisago		
Area	Wetland Type	Acres	Percent of Wetland Type of Total Wetland Acres within Area
Preliminary Development Area	Freshwater Emergent Wetland	1.1	100.0%
Facility Land Control	Freshwater Emergent Wetland	1.1	100.0%

Note: There are no wetland impacts for the area Roads and Inverters or Grading Area at this facility.

Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix G Wetland Information

National Wetland Inventory			
Facility	Eastwood		
Area	Wetland Type	Acres	Percent of Wetland Type of Total Wetland Acres within Area
Preliminary Development Area	Freshwater Emergent Wetland	0.4	100.0%
Facility Land Control	Freshwater Emergent Wetland	0.4	100.0%

Note: There are no wetland impacts for the area Roads and Inverters or Grading Area at this facility.

Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix G Wetland Information

National Wetland Inventory (EC Update Area)			
Facility	Lake Pulaski		
Area	Wetland Type	Acres	Percent of Wetland Type of Total Wetland Acres within Area
Roads and Inverters	Freshwater Emergent Wetland	0.2	100.0%
Preliminary Development Area	Freshwater Emergent Wetland	3.9	100.0%
Grading Area	Freshwater Emergent Wetland	3.9	100.0%
Facility Land Control	Freshwater Emergent Wetland	4.8	100.0%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix G Wetland Information

National Wetland Inventory (EC Update Area)			
Facility	Lawrence Creek		
Area	Wetland Type	Acres	Percent of Wetland Type of Total Wetland Acres within Area
Roads and Inverters	Freshwater Emergent Wetland	0.1	100.0%
	Total	0.1	100.0%
Preliminary Development Area	Freshwater Emergent Wetland	3.9	97.1%
	Freshwater Pond	0.1	2.9%
	Total	4.0	100.0%
Grading Area	Freshwater Emergent Wetland	0.1	98.7%
	Freshwater Pond	<0.0	1.3%
	Total	0.1	100%
Facility Land Control	Freshwater Emergent Wetland	14.0	96.4%
	Freshwater Forested/Shrub Wetland	<0.0	0.1%
	Freshwater Pond	0.5	3.5%
	Total	14.5	100.0%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix G Wetland Information

National Wetland Inventory (EC Update Area)			
Facility	Lester Prairie		
Area	Wetland Type	Acres	Percent of Wetland Type of Total Wetland Acres within Area
Preliminary Development Area	Freshwater Emergent Wetland	0.6	100.0%
Facility Land Control	Freshwater Emergent Wetland	0.6	100.0%

Note: There are no wetland impacts for the area Roads and Inverters or Grading Area at this facility.

Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix G Wetland Information

National Wetland Inventory (EC Update Area)			
Facility	Montrose		
Area	Wetland Type	Acres	Percent of Wetland Type of Total Wetland Acres within Area
Roads and Inverters	Freshwater Emergent Wetland	0.1	100.0%
Preliminary Development Area	Freshwater Emergent Wetland	5.0	100.0%
Grading Area	Freshwater Emergent Wetland	2.5	100.0%
Facility Land Control	Freshwater Emergent Wetland	5.3	97.1%
	Freshwater Pond	0.2	2.9%
	Total	5.4	100.0%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix G Wetland Information

National Wetland Inventory			
Facility		Paynesville	
Area	Wetland Type	Acres	Percent of Wetland Type of Total Wetland Acres within Area
Roads and Inverters	Freshwater Emergent Wetland	0.1	100.0%
	Total	0.1	100.0%
Preliminary Development Area	Freshwater Emergent Wetland	11.4	92.2%
	Freshwater Forested/Shrub Wetland	1.0	7.83%
	Total	12.3	100.0%
Grading Area	Freshwater Emergent Wetland	<0.0	100.0%
	Total	<0.0	100.0%
Facility Land Control	Freshwater Emergent Wetland	25.1	31.4%
	Freshwater Forested/Shrub Wetland	54.6	68.22%
	Freshwater Pond	0.3	0.4%
	Total	80.0	100.0%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix G Wetland Information

National Wetland Inventory (EC Update Area)			
Facility	Pine Island		
Area	Wetland Type	Acres	Percent of Wetland Type of Total Wetland Acres within Area
Facility Land Control	Freshwater Emergent Wetland	0.2	100.0%

Note: There are no wetland impacts for the area Roads and Inverters, Development Area, or Grading Area at this facility.

Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix G Wetland Information

National Wetland Inventory			
Facility	Pipestone		
Area	Wetland Type	Acres	Percent of Wetland Type of Total Wetland Acres within Area
Preliminary Development Area	Freshwater Pond	0.2	100.0%
Facility Land Control	Freshwater Pond	0.2	100.0%

Note: There are no wetland impacts for the area Roads and Inverters or Grading Area at this facility.

Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix G Wetland Information

National Wetland Inventory			
Facility	Waseca		
Area	Wetland Type	Acres	Percent of Wetland Type of Total Wetland Acres within Area
Preliminary Development Area	Freshwater Emergent Wetland	<0.0	100.0%
Facility Land Control	Freshwater Emergent Wetland	<0.0	100.0%

Note: There are no wetland impacts for the area Roads and Inverters or Grading Area at this facility.

Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix G Wetland Information

National Wetland Inventory (EC Update Area)			
Facility		West Faribault	
Area	Wetland Type	Acres	Percent of Wetland Type of Total Wetland Acres within Area
Facility Land Control	Freshwater Emergent Wetland	0.3	100.0%

Note: There are no wetland impacts for the area Roads and Inverters, Development Area, or Grading Area at this facility.

Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix G Wetland Information

National Wetland Inventory (EC Update Area)			
Facility		West Waconia	
Area	Wetland Type	Acres	Percent of Wetland Type of Total Wetland Acres within Area
Preliminary Development Area	Freshwater Emergent Wetland	1.6	100.0%
Grading Area	Freshwater Emergent Wetland	0.1	100.0%
Facility Land Control	Freshwater Emergent Wetland	1.4	100.0%

Note: There are no wetland impacts for the area Roads and Inverters at this facility. Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix G Wetland Information

National Wetland Inventory (EC Update Area)			
Facility	Wyoming		
Area	Wetland Type	Acres	Percent of Wetland Type of Total Wetland Acres within Area
Roads and Inverters	Freshwater Emergent Wetland	0.2	100.0%
Preliminary Development Area	Freshwater Emergent Wetland	4.5	100.0%
Grading Area	Freshwater Emergent Wetland	3.0	100.0%
Facility Land Control	Freshwater Emergent Wetland	4.5	100.0%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix G Wetland Information

National Wetland Inventory (EC Update Area)			
Facility	Zumbrota		
Area	Wetland Type	Acres	Percent of Wetland Type of Total Wetland Acres within Area
Roads and Inverters	Freshwater Emergent Wetland	<0.0	100.0%
Preliminary Development Area	Freshwater Emergent Wetland	0.1	100.0%
Facility Land Control	Freshwater Emergent Wetland	0.1	100.0%

Note: There are no wetland impacts for the area Grading Area at this facility. Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Albany		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Developed & Urban	<0.0	1.6%
	Eastern North American Cool Temperate Forest	<0.0	0.3%
	Eastern North American Flooded & Swamp Forest	<0.0	0.2%
	Herbaceous Agricultural Vegetation	2.6	87.5%
	Recently Disturbed or Modified	0.3	10.4%
Preliminary Development Area	Developed & Urban	3.3	3.0%
	Eastern North America Freshwater Wet Meadow, Riparian & Marsh	0.2	0.2%
	Eastern North American Cool Temperate Forest	4.7	4.4%
	Eastern North American Flooded & Swamp Forest	1.1	1.0%
	Herbaceous Agricultural Vegetation	89.0	82.8%
	Recently Disturbed or Modified	9.1	8.5%
Facility Land Control	Developed & Urban	9.8	4.3%
	Eastern North America Freshwater Wet Meadow, Riparian & Marsh	3.1	1.3%
	Eastern North American Cool Temperate Forest	15.6	6.8%
	Eastern North American Flooded & Swamp Forest	2.9	1.3%
	Herbaceous Agricultural Vegetation	145.6	63.1%
	North American Boreal Forest	1.0	0.4%
	Recently Disturbed or Modified	52.6	22.8%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Annandale		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Herbaceous Agricultural Vegetation	2.1	100.0%
Preliminary Development Area	Developed & Urban	<0.0	0.1%
	Eastern North American Cool Temperate Forest	0.9	1.3%
	Herbaceous Agricultural Vegetation	69.6	98.5%
Facility Land Control	Recently Disturbed or Modified	0.1	0.1%
	Developed & Urban	<0.0	0.1%
	Eastern North American Cool Temperate Forest	0.9	1.3%
	Herbaceous Agricultural Vegetation	69.6	98.5%
	Recently Disturbed or Modified	0.1	0.1%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Atwater		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Developed & Urban	<0.0	6.6%
	Herbaceous Agricultural Vegetation	0.5	93.4%
Preliminary Development Area	Developed & Urban	0.1	0.2%
	Eastern North American Cool Temperate Forest	0.2	0.6%
	Herbaceous Agricultural Vegetation	36.0	99.2%
Facility Land Control	Developed & Urban	2.5	6.4%
	Eastern North American Cool Temperate Forest	0.2	0.6%
	Herbaceous Agricultural Vegetation	37.1	92.7%
	Recently Disturbed or Modified	0.2	0.4%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Brooten		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Eastern North American Flooded & Swamp Forest	<0.0	7.5%
	Herbaceous Agricultural Vegetation	0.4	85.3%
	Recently Disturbed or Modified	<0.0	7.2%
Preliminary Development Area	Eastern North American Cool Temperate Forest	0.2	1.8%
	Eastern North American Flooded & Swamp Forest	0.4	2.7%
	Herbaceous Agricultural Vegetation	11.3	87.3%
	Recently Disturbed or Modified	1.1	8.1%
Facility Land Control	Eastern North American Cool Temperate Forest	0.2	1.8%
	Eastern North American Flooded & Swamp Forest	0.4	2.7%
	Herbaceous Agricultural Vegetation	11.3	87.3%
	Recently Disturbed or Modified	1.1	8.1%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Chisago		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Developed & Urban	0.1	3.4%
	Eastern North American Cool Temperate Forest	0.4	22.1%
	Herbaceous Agricultural Vegetation	1.4	72.0%
	North American Boreal Forest	<0.0	0.5%
	Recently Disturbed or Modified	<0.0	1.9%
Preliminary Development Area	Developed & Urban	3.6	5.9%
	Eastern North American Cool Temperate Forest	10.1	16.7%
	Eastern North American Flooded & Swamp Forest	0.8	1.3%
	Herbaceous Agricultural Vegetation	45.1	74.4%
	North American Boreal Forest	0.1	0.2%
Facility Land Control	Recently Disturbed or Modified	0.9	1.5%
	Developed & Urban	4.7	7.5%
	Eastern North American Cool Temperate Forest	10.6	17.0%
	Eastern North American Flooded & Swamp Forest	0.8	1.3%
	Herbaceous Agricultural Vegetation	45.2	72.5%
	North American Boreal Forest	0.1	0.2%
	Recently Disturbed or Modified	0.9	1.4%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Dodge Center		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Developed & Urban	0.2	14.4%
	Herbaceous Agricultural Vegetation	0.9	85.6%
Preliminary Development Area	Developed & Urban	2.9	4.8%
	Eastern North American Cool Temperate Forest	0.3	0.5%
	Herbaceous Agricultural Vegetation	56.9	94.7%
Facility Land Control	Developed & Urban	6.8	9.9%
	Eastern North American Cool Temperate Forest	2.0	2.9%
	Herbaceous Agricultural Vegetation	59.7	87.2%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Eastwood		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Developed & Urban	<0.0	2.4%
	Eastern North American Cool Temperate Forest	<0.0	2.8%
	Herbaceous Agricultural Vegetation	1.3	94.8%
Preliminary Development Area	Developed & Urban	2.1	4.2%
	Eastern North American Cool Temperate Forest	1.0	2.1%
	Eastern North American Flooded & Swamp Forest	3.0	6.0%
	Herbaceous Agricultural Vegetation	43.6	87.7%
Facility Land Control	Developed & Urban	2.1	4.2%
	Eastern North American Cool Temperate Forest	1.0	2.1%
	Eastern North American Flooded & Swamp Forest	3.0	6.0%
	Herbaceous Agricultural Vegetation	43.6	87.7%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Fiesta City		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Herbaceous Agricultural Vegetation	1.1	100.0%
Preliminary Development Area	Herbaceous Agricultural Vegetation	25.6	100.0%
Facility Land Control	Herbaceous Agricultural Vegetation	25.6	100.0%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Hastings		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Developed & Urban	<0.0	2.1%
	Herbaceous Agricultural Vegetation	1.4	79.3%
	Great Plains Grassland & Shrubland	0.3	18.6%
Preliminary Development Area	Developed & Urban	0.1	0.2%
	Herbaceous Agricultural Vegetation	35.3	87.1%
	Recently Disturbed or Modified	<0.0	0.1%
	Great Plains Grassland & Shrubland	5.1	12.6%
Facility Land Control	Herbaceous Agricultural Vegetation	36.0	88.6%
	Recently Disturbed or Modified	0.1	0.3%
	Great Plains Grassland & Shrubland	4.5	11.1%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Lake Emily		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Developed & Urban	<0.0	2.2%
	Herbaceous Agricultural Vegetation	1.4	97.8%
Preliminary Development	Developed & Urban	<0.0	0.1%
	Herbaceous Agricultural Vegetation	42.3	99.9%
Facility Land Control	Developed & Urban	0.1	0.2%
	Herbaceous Agricultural Vegetation	46.8	99.8%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Lake Pulaski		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Developed & Urban	<0.0	0.5%
	Eastern North America Freshwater Wet Meadow, Riparian & Marsh	0.1	3.9%
	Eastern North American Cool Temperate Forest	0.2	7.3%
	Eastern North American Flooded & Swamp Forest	0.1	2.2%
	Herbaceous Agricultural Vegetation	2.7	83.0%
	Recently Disturbed or Modified	0.1	3.1%
Preliminary Development Area	Developed & Urban	<0.0	0.0%
	Eastern North America Freshwater Wet Meadow, Riparian & Marsh	0.7	1.1%
	Eastern North American Cool Temperate Forest	8.5	13.4%
	Eastern North American Flooded & Swamp Forest	0.6	1.0%
	Herbaceous Agricultural Vegetation	52.2	82.6%
Facility Land Control	Developed & Urban	0.5	0.6%
	Eastern North America Freshwater Wet Meadow, Riparian & Marsh	1.2	1.5%
	Eastern North American Cool Temperate Forest	11.5	15.2%
	Eastern North American Flooded & Swamp Forest	1.2	1.5%
	Herbaceous Agricultural Vegetation	58.4	77.0%
	North American Boreal Forest	0.2	0.3%
Recently Disturbed or Modified	2.9	3.8%	

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Lawrence Creek		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Herbaceous Agricultural Vegetation	1.1	100.0%
Preliminary Development Area	Developed & Urban	0.1	0.2%
	Eastern North American Cool Temperate Forest	0.4	0.9%
	Eastern North American Flooded & Swamp Forest	0.2	0.6%
	Herbaceous Agricultural Vegetation	37.9	96.2%
	Recently Disturbed or Modified	0.8	2.1%
Facility Land Control	Eastern North America Freshwater Wet Meadow, Riparian & Marsh	0.9	1.2%
	Eastern North American Cool Temperate Forest	10.0	13.5%
	Eastern North American Flooded & Swamp Forest	1.6	2.1%
	Herbaceous Agricultural Vegetation	60.1	80.8%
	Recently Disturbed or Modified	1.8	2.4%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Lester Prairie		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Developed & Urban	<0.0	3.5%
	Herbaceous Agricultural Vegetation	1.0	89.8%
	Recently Disturbed or Modified	0.1	6.7%
Preliminary Development Area	Developed & Urban	0.9	3.6%
	Eastern North America Freshwater Wet Meadow, Riparian & Marsh	0.1	0.4%
	Herbaceous Agricultural Vegetation	24.6	94.7%
	Recently Disturbed or Modified	0.3	1.3%
Facility Land Control	Developed & Urban	2.6	8.7%
	Eastern North America Freshwater Wet Meadow, Riparian & Marsh	0.1	0.4%
	Eastern North American Cool Temperate Forest	<0.0	0.2%
	Eastern North American Flooded & Swamp Forest	0.2	0.6%
	Herbaceous Agricultural Vegetation	26.5	88.6%
	Recently Disturbed or Modified	0.4	1.5%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Mayhew		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Developed & Urban	<0.0	11.6%
	Eastern North American Cool Temperate Forest	0.2	41.1%
	Herbaceous Agricultural Vegetation	0.2	47.3%
Preliminary Development Area	Developed & Urban	1.3	5.8%
	Eastern North American Cool Temperate Forest	1.5	6.9%
	Eastern North American Flooded & Swamp Forest	<0.0	0.0%
	Herbaceous Agricultural Vegetation	18.4	84.1%
	Recently Disturbed or Modified	0.7	3.2%
Facility Land Control	Developed & Urban	4.5	12.5%
	Eastern North American Cool Temperate Forest	1.6	4.6%
	Eastern North American Flooded & Swamp Forest	0.1	0.4%
	Herbaceous Agricultural Vegetation	28.9	80.3%
	Recently Disturbed or Modified	0.8	2.3%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Montrose		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Eastern North American Cool Temperate Forest	0.1	6.9%
	Herbaceous Agricultural Vegetation	1.0	93.1%
Preliminary Development Area	Developed & Urban	0.1	0.3%
	Eastern North America Freshwater Wet Meadow, Riparian & Marsh	0.1	0.2%
	Eastern North American Cool Temperate Forest	3.0	8.8%
	Eastern North American Flooded & Swamp Forest	0.4	1.0%
	Herbaceous Agricultural Vegetation	29.9	85.9%
	North American Boreal Forest	0.4	1.2%
	Recently Disturbed or Modified	0.9	2.7%
Facility Land Control	Developed & Urban	0.1	0.2%
	Eastern North America Freshwater Wet Meadow, Riparian & Marsh	0.1	0.2%
	Eastern North American Cool Temperate Forest	3.3	8.7%
	Eastern North American Flooded & Swamp Forest	0.6	1.6%
	Herbaceous Agricultural Vegetation	32.3	85.8%
	North American Boreal Forest	0.4	1.1%
	Recently Disturbed or Modified	0.9	2.4%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Paynesville		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Developed & Urban	0.1	3.5%
	Eastern North America Freshwater Wet Meadow, Riparian & Marsh	0.1	2.7%
	Eastern North American Cool Temperate Forest	0.1	2.4%
	Herbaceous Agricultural Vegetation	2.8	91.4%
	Recently Disturbed or Modified	<0.0	0.1%
Preliminary Development Area	Developed & Urban	4.5	4.2%
	Eastern North America Freshwater Wet Meadow, Riparian & Marsh	2.8	2.6%
	Eastern North American Cool Temperate Forest	4.7	4.3%
	Eastern North American Flooded & Swamp Forest	1.7	1.6%
	Herbaceous Agricultural Vegetation	85.3	78.7%
	North American Boreal Forest	0.2	0.2%
Facility Land Control	Recently Disturbed or Modified	9.2	8.5%
	Developed & Urban	11.4	4.4%
	Eastern North America Freshwater Wet Meadow, Riparian & Marsh	9.9	3.8%
	Eastern North American Cool Temperate Forest	38.5	14.7%
	Eastern North American Flooded & Swamp Forest	26.5	10.1%
	Herbaceous Agricultural Vegetation	150.7	57.5%
	North American Boreal Forest	0.6	0.2%
Recently Disturbed or Modified	24.4	9.3%	

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Pine Island		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Developed & Urban	<0.0	3.0%
	Herbaceous Agricultural Vegetation	1.6	97.0%
Preliminary Development	Developed & Urban	0.1	0.4%
	Herbaceous Agricultural Vegetation	39.5	99.6%
Facility Land Control	Developed & Urban	0.1	0.3%
	Herbaceous Agricultural Vegetation	45.8	99.7%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Pipestone		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Developed & Urban	<0.0	7.9%
	Herbaceous Agricultural Vegetation	0.5	92.1%
Preliminary Development Area	Developed & Urban	0.2	1.2%
	Herbaceous Agricultural Vegetation	14.2	97.0%
	Great Plains Grassland & Shrubland	0.3	1.8%
Facility Land Control	Developed & Urban	0.2	1.2%
	Herbaceous Agricultural Vegetation	15.3	97.0%
	Great Plains Grassland & Shrubland	0.3	1.7%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Scandia		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Developed & Urban	<0.0	5.8%
	Eastern North American Cool Temperate Forest	<0.0	0.0%
	Herbaceous Agricultural Vegetation	0.6	88.1%
	Recently Disturbed or Modified	<0.0	6.2%
Preliminary Development Area	Developed & Urban	0.7	3.2%
	Eastern North American Cool Temperate Forest	0.1	0.4%
	Eastern North American Flooded & Swamp Forest	<0.0	0.0%
	Herbaceous Agricultural Vegetation	21.7	93.2%
	Recently Disturbed or Modified	0.8	3.2%
Facility Land Control	Developed & Urban	0.8	3.1%
	Eastern North American Cool Temperate Forest	0.6	2.4%
	Eastern North American Flooded & Swamp Forest	<0.0	0.0%
	Herbaceous Agricultural Vegetation	22.1	90.7%
	Recently Disturbed or Modified	0.9	3.8%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Waseca		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Herbaceous Agricultural Vegetation	4.1	100.0%
Preliminary Development Area	Herbaceous Agricultural Vegetation	85.2	100.0%
Facility Land Control	Herbaceous Agricultural Vegetation	89.2	100.0%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	West Faribault		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Eastern North American Cool Temperate Forest	0.3	22.4%
	Eastern North American Flooded & Swamp Forest	0.1	3.8%
	Herbaceous Agricultural Vegetation	1.0	71.2%
	Great Plains Grassland & Shrubland	<0.0	2.6%
Preliminary Development Area	Developed & Urban	0.1	0.1%
	Eastern North American Cool Temperate Forest	14.3	24.1%
	Eastern North American Flooded & Swamp Forest	0.2	0.4%
	Herbaceous Agricultural Vegetation	44.5	75.0%
Facility Land Control	Great Plains Grassland & Shrubland	0.2	0.4%
	Developed & Urban	0.2	0.2%
	Eastern North American Cool Temperate Forest	26.0	30.4%
	Eastern North American Flooded & Swamp Forest	1.0	1.2%
	Herbaceous Agricultural Vegetation	57.4	67.1%
	Great Plains Grassland & Shrubland	0.9	1.0%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	West Waconia		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Developed & Urban	<0.0	3.3%
	Eastern North American Cool Temperate Forest	<0.0	4.0%
	Herbaceous Agricultural Vegetation	0.8	92.7%
Preliminary Development Area	Developed & Urban	6.0	7.7%
	Eastern North America Freshwater Wet Meadow, Riparian & Marsh	0.4	0.6%
	Eastern North American Cool Temperate Forest	5.2	6.7%
	Eastern North American Flooded & Swamp Forest	0.1	0.1%
	Herbaceous Agricultural Vegetation	66.0	84.6%
	North American Boreal Forest	0.1	0.1%
	Recently Disturbed or Modified	0.2	0.3%
Facility Land Control	Developed & Urban	3.2	4.3%
	Eastern North America Freshwater Wet Meadow, Riparian & Marsh	0.4	0.6%
	Eastern North American Cool Temperate Forest	5.2	6.9%
	Eastern North American Flooded & Swamp Forest	0.1	0.1%
	Herbaceous Agricultural Vegetation	66.5	87.8%
	North American Boreal Forest	0.1	0.1%
	Recently Disturbed or Modified	0.2	0.3%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Wyoming		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Developed & Urban	0.5	19.6%
	Eastern North American Cool Temperate Forest	0.1	2.7%
	Herbaceous Agricultural Vegetation	1.8	77.7%
Preliminary Development Area	Developed & Urban	8.9	14.4%
	Eastern North American Cool Temperate Forest	0.2	0.3%
	Eastern North American Flooded & Swamp Forest	<0.0	0.0%
	Herbaceous Agricultural Vegetation	52.7	84.9%
	Recently Disturbed or Modified	0.2	0.4%
Facility Land Control	Developed & Urban	9.4	14.0%
	Eastern North American Cool Temperate Forest	0.3	0.4%
	Eastern North American Flooded & Swamp Forest	<0.0	0.1%
	Herbaceous Agricultural Vegetation	57.3	85.1%
	Recently Disturbed or Modified	0.3	0.4%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix H Vegetation Information

GAP Land Cover Vegetation Class Level - Division (4)			
Facility	Zumbrota		
Area	Land Cover Type	Acres	Percent of Acres within Area
Roads and Inverters	Developed & Urban	0.5	39.5%
	Herbaceous Agricultural Vegetation	0.8	60.5%
Preliminary Development	Developed & Urban	2.3	7.2%
	Herbaceous Agricultural Vegetation	29.6	92.8%
Facility Land Control	Developed & Urban	2.4	6.7%
	Herbaceous Agricultural Vegetation	33.2	93.3%

Note: Percentages were calculated using the full decimal value of the acreages allowing for the most accurate calculation. Acreages shown in the table have been rounded and therefore, the same percentage cannot be calculated from the table.



Appendix I Rare and Unique Natural Features Information



Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Benton		
Facilities	Mayhew		
Common Name	Scientific Name	State Status	Federal Status
Butternut	<i>Juglans cinerea</i>	Endangered	None
Loggerhead Shrike	<i>Lanius ludovicianus</i>	Endangered	None
Blanding's Turtle	<i>Emydoidea blandingii</i>	Threatened	None
Bog Bluegrass	<i>Poa paludigena</i>	Threatened	None
Tubercled Rein-orchid	<i>Platanthera flava</i> var. <i>herbiola</i>	Threatened	None
Blunt Sedge	<i>Carex obtusata</i>	Special Concern	None
Creek Heelsplitter	<i>Lasmigona compressa</i>	Special Concern	None
Drummond's Campion	<i>Silene drummondii</i> ssp. <i>drummondii</i>	Special Concern	None
Gophersnake	<i>Pituophis catenifer</i>	Special Concern	None
Hill's Thistle	<i>Cirsium pumilum</i> var. <i>hillii</i>	Special Concern	None
Peregrine Falcon	<i>Falco peregrinus</i>	Special Concern	None
Plains Pocket Mouse	<i>Perognathus flavescens</i>	Special Concern	None
Red-shouldered Hawk	<i>Buteo lineatus</i>	Special Concern	None
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Tracked	None
Wood's Sedge	<i>Carex woodii</i>	Tracked	None



Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Blue Earth		
Facilities	Eastwood		
Common Name	Scientific Name	State Status	Federal Status
Eared False Foxglove	Agalinis auriculata	Endangered	None
Loggerhead Shrike	Lanius ludovicianus	Endangered	None
Pistolgrip	Tritogonia verrucosa	Endangered	None
Salamander Mussel	Simpsonaias ambigua	Endangered	None
Winged Mapleleaf	Quadrula fragosa	Endangered	Endangered
Blanding's Turtle	Emydoidea blandingii	Threatened	None
Eastern Spotted Skunk	Spilogale putorius	Threatened	None
Elktoe	Alasmidonta marginata	Threatened	None
Ellipse	Venustaconcha ellipsiformis	Threatened	None
Fluted-shell	Lasmigona costata	Threatened	None
Hair-like Beak-rush	Rhynchospora capillacea	Threatened	None
Monkeyface	Quadrula metanevra	Threatened	None
Mucket	Actinonaias ligamentina	Threatened	None
Paddlefish	Polyodon spathula	Threatened	None
Rock Clubmoss	Huperzia porophila	Threatened	None
Spike	Elliptio dilatata	Threatened	None
Sullivant's Milkweed	Asclepias sullivantii	Threatened	None
Three-leaved Coneflower	Rudbeckia triloba var. triloba	Threatened	None
Tuberous Indian-plantain	Arnoglossum plantagineum	Threatened	None
Wartyback	Quadrula nodulata	Threatened	None
Black Sandshell	Ligumia recta	Special Concern	None
Goldie's Fern	Dryopteris goldiana	Special Concern	None
Louisiana Waterthrush	Parkesia motacilla	Special Concern	None
North American Racer	Coluber constrictor	Special Concern	None
Prairie Mimosa	Desmanthus illinoensis	Special Concern	None
Rattlesnake-master	Eryngium yuccifolium	Special Concern	None
Round Pigtoe	Pleurobema sintoxia	Special Concern	None
Small White Lady's-slipper	Cypripedium candidum	Special Concern	None
Smooth Softshell	Apalone mutica	Special Concern	None
Snow Trillium	Trillium nivale	Special Concern	None
Bald Eagle	Haliaeetus leucocephalus	Tracked	None
Hickorynut	Obovaria olivaria	Tracked	None



Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Carver		
Facilities	West Waconia		
Common Name	Scientific Name	State Status	Federal Status
Dwarf Trout Lily	<i>Erythronium propullans</i>	Endangered	Endangered
Elephant-ear	<i>Elliptio crassidens</i>	Endangered	None
Loggerhead Shrike	<i>Lanius ludovicianus</i>	Endangered	None
Pistolgrip	<i>Tritogonia verrucosa</i>	Endangered	None
Washboard	<i>Megalonaias nervosa</i>	Endangered	None
Yellow Sandshell	<i>Lampsilis teres</i>	Endangered	None
Beaked Spike-rush	<i>Eleocharis rostellata</i>	Threatened	None
Hair-like Beak-rush	<i>Rhynchospora capillacea</i>	Threatened	None
Kitten-tails	<i>Besseyia bullii</i>	Threatened	None
Monkeyface	<i>Quadrula metanevra</i>	Threatened	None
Mucket	<i>Actinonaias ligamentina</i>	Threatened	None
Pugnose Shiner	<i>Notropis anogenus</i>	Threatened	None
Spike	<i>Elliptio dilatata</i>	Threatened	None
Sterile Sedge	<i>Carex sterilis</i>	Threatened	None
Valerian	<i>Valeriana edulis</i> var. <i>ciliata</i>	Threatened	None
Whorled Nut-rush	<i>Scleria verticillata</i>	Threatened	None
American Ginseng	<i>Panax quinquefolius</i>	Special Concern	None
Blue Sucker	<i>Cycleptus elongatus</i>	Special Concern	None
Cerulean Warbler	<i>Setophaga cerulea</i>	Special Concern	None
Gophersnake	<i>Pituophis catenifer</i>	Special Concern	None
Least Darter	<i>Etheostoma microperca</i>	Special Concern	None
Prairie Moonwort	<i>Botrychium campestre</i>	Special Concern	None
Round Pigtoe	<i>Pleurobema sintoxia</i>	Special Concern	None
Sessile-flowered Cress	<i>Rorippa sessiliflora</i>	Special Concern	None
Small White Lady's-slipper	<i>Cypripedium candidum</i>	Special Concern	None
Twig-rush	<i>Cladium mariscoides</i>	Special Concern	None
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Tracked	None
Hickorynut	<i>Obovaria olivaria</i>	Tracked	None



Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Chippewa		
Facilities	Fiesta City		
Common Name	Scientific Name	State Status	Federal Status
Burrowing Owl	<i>Athene cunicularia</i>	Endangered	None
Dakota Skipper	<i>Hesperia dacotae</i>	Endangered	Candidate
Eared False Foxglove	<i>Agalinis auriculata</i>	Endangered	None
Loggerhead Shrike	<i>Lanius ludovicianus</i>	Endangered	None
Pistolgrip	<i>Tritogonia verrucosa</i>	Endangered	None
Powesheik Skipper	<i>Oarisma poweshiek</i>	Endangered	Candidate
Rock Pocketbook	<i>Arcidens confragosus</i>	Endangered	None
Salamander Mussel	<i>Simpsonaias ambigua</i>	Endangered	None
Elktoe	<i>Alasmidonta marginata</i>	Threatened	None
Ellipse	<i>Venustaconcha ellipsiformis</i>	Threatened	None
Fluted-shell	<i>Lasmigona costata</i>	Threatened	None
Hair-like Beak-rush	<i>Rhynchospora capillacea</i>	Threatened	None
Louisiana Broomrape	<i>Orobanche ludoviciana</i> var. <i>ludoviciana</i>	Threatened	None
Monkeyface	<i>Quadrula metanevra</i>	Threatened	None
Mucket	<i>Actinonaias ligamentina</i>	Threatened	None
Spike	<i>Elliptio dilatata</i>	Threatened	None
A Species of Lichen	<i>Buellia nigra</i>	Special Concern	None
Black Sandshell	<i>Ligumia recta</i>	Special Concern	None
Blue Sucker	<i>Cycleptus elongatus</i>	Special Concern	None
Creek Heelsplitter	<i>Lasmigona compressa</i>	Special Concern	None
Greater Prairie-chicken	<i>Tympanuchus cupido</i>	Special Concern	None
Iowa Skipper	<i>Atrytone arogos iowa</i>	Special Concern	None
Missouri Milk-vetch	<i>Astragalus missouriensis</i> var. <i>missouriensis</i>	Special Concern	None
Plains Hog-nosed Snake	<i>Heterodon nasicus</i>	Special Concern	None
Plains Prickly Pear	<i>Opuntia macrorhiza</i>	Special Concern	None
Regal Fritillary	<i>Speyeria idalia</i>	Special Concern	None
Round Pigtoe	<i>Pleurobema sintoxia</i>	Special Concern	None
Short-eared Owl	<i>Asio flammeus</i>	Special Concern	None
Slender Milk-vetch	<i>Astragalus flexuosus</i> var. <i>flexuosus</i>	Special Concern	None
Small White Lady's-slipper	<i>Cypripedium candidum</i>	Special Concern	None
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Tracked	None



Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Chisago		
Facilities	Chisago, Lawrence Creek, Wyoming, Scandia		
Common Name	Scientific Name	State Status	Federal Status
Blanchard's Cricket Frog	<i>Acris blanchardi</i>	Endangered	None
Butternut	<i>Juglans cinerea</i>	Endangered	None
Henslow's Sparrow	<i>Ammodramus henslowii</i>	Endangered	None
Pistolgrip	<i>Tritogonia verrucosa</i>	Endangered	None
Purple Wartyback	<i>Cyclonaias tuberculata</i>	Endangered	None
Salamander Mussel	<i>Simpsonaias ambigua</i>	Endangered	None
Snuffbox	<i>Epioblasma triquetra</i>	Endangered	Endangered
Spectaclecase	<i>Cumberlandia monodonta</i>	Endangered	Endangered
Blanding's Turtle	<i>Emydoidea blandingii</i>	Threatened	None
Bog Bluegrass	<i>Poa paludigena</i>	Threatened	None
Butterfly	<i>Ellipsaria lineolata</i>	Threatened	None
Elktoe	<i>Alasmidonta marginata</i>	Threatened	None
False Mermaid	<i>Floerkea proserpinacoides</i>	Threatened	None
Fluted-shell	<i>Lasmigona costata</i>	Threatened	None
Kitten-tails	<i>Besseyia bullii</i>	Threatened	None
Monkeyface	<i>Quadrula metanevra</i>	Threatened	None
Mucket	<i>Actinonaias ligamentina</i>	Threatened	None
Powder-edged ruffle lichen	<i>Parmelia stuppea</i>	Threatened	None
Rough-seeded Fameflower	<i>Phemeranthus rugospermus</i>	Threatened	None
Salted shell lichen	<i>Coccocarpia palmicola</i>	Threatened	None
Sea-beach Needlegrass	<i>Aristida tuberculosa</i>	Threatened	None
Spike	<i>Elliptio dilatata</i>	Threatened	None
St. Croix Snaketail	<i>Ophiogomphus susbehcha</i>	Threatened	None
Stemless Tick-trefoil	<i>Desmodium nudiflorum</i>	Threatened	None
Tooth-cup	<i>Rotala ramosior</i>	Threatened	None
Wartyback	<i>Quadrula nodulata</i>	Threatened	None
Wilson's Phalarope	<i>Phalaropus tricolor</i>	Threatened	None
Witch-hazel	<i>Hamamelis virginiana</i>	Threatened	None
Wood Turtle	<i>Glyptemys insculpta</i>	Threatened	None
Acadian Flycatcher	<i>Empidonax virescens</i>	Special Concern	None
American Ginseng	<i>Panax quinquefolius</i>	Special Concern	None
American Water-pennywort	<i>Hydrocotyle americana</i>	Special Concern	None
Black Sandshell	<i>Ligumia recta</i>	Special Concern	None
Blue Sucker	<i>Cycleptus elongatus</i>	Special Concern	None



Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Chisago		
Facilities	Chisago, Lawrence Creek, Wyoming, Scandia		
Common Name	Scientific Name	State Status	Federal Status
Cattail Sedge	<i>Carex typhina</i>	Special Concern	None
Cerulean Warbler	<i>Setophaga cerulea</i>	Special Concern	None
Club-spur Orchid	<i>Platanthera clavellata</i>	Special Concern	None
Common Five-lined Skink	<i>Plestiodon fasciatus</i>	Special Concern	None
Common Gallinule	<i>Gallinula galeata</i>	Special Concern	None
Creek Heelsplitter	<i>Lasmigona compressa</i>	Special Concern	None
Gilt Darter	<i>Percina evides</i>	Special Concern	None
Gophersnake	<i>Pituophis catenifer</i>	Special Concern	None
Lake Sturgeon	<i>Acipenser fulvescens</i>	Special Concern	None
Louisiana Waterthrush	<i>Parkesia motacilla</i>	Special Concern	None
Northern Barrens Tiger Beetle	<i>Cicindela patruela patruela</i>	Special Concern	None
Red-shouldered Hawk	<i>Buteo lineatus</i>	Special Concern	None
Rhombic-petaled Evening Primrose	<i>Oenothera rhombipetala</i>	Special Concern	None
Round Pigtoe	<i>Pleurobema sintoxia</i>	Special Concern	None
Small-leaved Pussytoes	<i>Antennaria parvifolia</i>	Special Concern	None
Southern Brook Lamprey	<i>Ichthyomyzon gagei</i>	Special Concern	None
Trumpeter Swan	<i>Cygnus buccinator</i>	Special Concern	None
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Tracked	None
Hickorynut	<i>Obovaria olivaria</i>	Tracked	None



Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Dodge		
Facilities	Dodge Center		
Common Name	Scientific Name	State Status	Federal Status
Blanchard's Cricket Frog	<i>Acris blanchardi</i>	Endangered	None
Golden-seal	<i>Hydrastis canadensis</i>	Endangered	None
Henslow's Sparrow	<i>Ammodramus henslowii</i>	Endangered	None
Loggerhead Shrike	<i>Lanius ludovicianus</i>	Endangered	None
Powesheik Skipper	<i>Oarisma poweshiek</i>	Endangered	Candidate
Western Prairie Fringed Orchid	<i>Platanthera praeclara</i>	Endangered	Threatened
Wild Quinine	<i>Parthenium integrifolium</i>	Endangered	None
Blanding's Turtle	<i>Emydoidea blandingii</i>	Threatened	None
Ellipse	<i>Venustaconcha ellipsiformis</i>	Threatened	None
Fluted-shell	<i>Lasmigona costata</i>	Threatened	None
Jointed Sedge	<i>Carex conjuncta</i>	Threatened	None
Prairie Bush Clover	<i>Lespedeza leptostachya</i>	Threatened	Threatened
Sullivant's Milkweed	<i>Asclepias sullivantii</i>	Threatened	None
Tubercled Rein-orchid	<i>Platanthera flava</i> var. <i>herbiola</i>	Threatened	None
Tuberous Indian-plantain	<i>Arnoglossum plantagineum</i>	Threatened	None
Valerian	<i>Valeriana edulis</i> var. <i>ciliata</i>	Threatened	None
Wood Turtle	<i>Glyptemys insculpta</i>	Threatened	None
Creek Heelsplitter	<i>Lasmigona compressa</i>	Special Concern	None
Least Darter	<i>Etheostoma microperca</i>	Special Concern	None
Northern Brook Lamprey	<i>Ichthyomyzon fossor</i>	Special Concern	None
Ozark Minnow	<i>Notropis nubilus</i>	Special Concern	None
Plains Wild Indigo	<i>Baptisia bracteata</i> var. <i>glabrescens</i>	Special Concern	None
Rattlesnake-master	<i>Eryngium yuccifolium</i>	Special Concern	None
Small White Lady's-slipper	<i>Cypripedium candidum</i>	Special Concern	None
White Wild Indigo	<i>Baptisia lactea</i> var. <i>lactea</i>	Special Concern	None
Yellow-fruited Sedge	<i>Carex annectens</i>	Special Concern	None

Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Goodhue		
Facilities	Pine Island, Zumbrota		
Common Name	Scientific Name	State Status	Federal Status
Bladder Pod	<i>Physaria ludoviciana</i>	Endangered	None
Crystal Darter	<i>Crystallaria asprella</i>	Endangered	None
Dwarf Trout Lily	<i>Erythronium propullans</i>	Endangered	Endangered
Ebonysshell	<i>Fusconaia ebena</i>	Endangered	None
Henslow's Sparrow	<i>Ammodramus henslowii</i>	Endangered	None
Higgins Eye	<i>Lampsilis higginsii</i>	Endangered	Endangered
Loggerhead Shrike	<i>Lanius ludovicianus</i>	Endangered	None
Pallid Shiner	<i>Hybopsis amnis</i>	Endangered	None
Pistolgrip	<i>Tritogonia verrucosa</i>	Endangered	None
Purple Wartyback	<i>Cyclonaias tuberculata</i>	Endangered	None
Skipjack Herring	<i>Alosa chrysochloris</i>	Endangered	None
Washboard	<i>Megalonaias nervosa</i>	Endangered	None
Winged Mapleleaf	<i>Quadrula fragosa</i>	Endangered	Endangered
Yellow Sandshell	<i>Lampsilis teres</i>	Endangered	None
Beach-heather	<i>Hudsonia tomentosa</i>	Threatened	None
Black Buffalo	<i>Ictiobus niger</i>	Threatened	None
Blanding's Turtle	<i>Emydoidea blandingii</i>	Threatened	None
Butterfly	<i>Ellipsaria lineolata</i>	Threatened	None
Clustered Broomrape	<i>Orobanche fasciculata</i>	Threatened	None
Elktoe	<i>Alasmidonta marginata</i>	Threatened	None
Ellipse	<i>Venustaconcha ellipsiformis</i>	Threatened	None
Fluted-shell	<i>Lasmigona costata</i>	Threatened	None
Glade Mallow	<i>Napaea dioica</i>	Threatened	None
Kitten-tails	<i>Besseyia bullii</i>	Threatened	None
Monkeyface	<i>Quadrula metanevra</i>	Threatened	None
Mucket	<i>Actinonaias ligamentina</i>	Threatened	None
Ovate-leaved Skullcap	<i>Scutellaria ovata</i> var. <i>versicolor</i>	Threatened	None
Prairie Bush Clover	<i>Lespedeza leptostachya</i>	Threatened	Threatened
Rock Sandwort	<i>Minuartia dawsonensis</i>	Threatened	None
Spike	<i>Elliptio dilatata</i>	Threatened	None
Sterile Sedge	<i>Carex sterilis</i>	Threatened	None
Timber Rattlesnake	<i>Crotalus horridus</i>	Threatened	None
Tubercled Rein-orchid	<i>Platanthera flava</i> var. <i>herbiola</i>	Threatened	None
Valerian	<i>Valeriana edulis</i> var. <i>ciliata</i>	Threatened	None

Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Goodhue		
Facilities	Pine Island, Zumbrota		
Common Name	Scientific Name	State Status	Federal Status
Wood Turtle	<i>Glyptemys insculpta</i>	Threatened	None
Acadian Flycatcher	<i>Empidonax virescens</i>	Special Concern	None
American Ginseng	<i>Panax quinquefolius</i>	Special Concern	None
Beaked Snakeroot	<i>Sanicula trifoliata</i>	Special Concern	None
Black Sandshell	<i>Ligumia recta</i>	Special Concern	None
Blue Sucker	<i>Cycleptus elongatus</i>	Special Concern	None
Cerulean Warbler	<i>Setophaga cerulea</i>	Special Concern	None
Creek Heelsplitter	<i>Lasmigona compressa</i>	Special Concern	None
Creeping Juniper	<i>Juniperus horizontalis</i>	Special Concern	None
Goldie's Fern	<i>Dryopteris goldiana</i>	Special Concern	None
Gophersnake	<i>Pituophis catenifer</i>	Special Concern	None
Hill's Thistle	<i>Cirsium pumilum</i> var. <i>hillii</i>	Special Concern	None
Lake Sturgeon	<i>Acipenser fulvescens</i>	Special Concern	None
Least Weasel	<i>Mustela nivalis</i>	Special Concern	None
Leonard's Skipper	<i>Hesperia leonardus leonardus</i>	Special Concern	None
North American Racer	<i>Coluber constrictor</i>	Special Concern	None
Northern Myotis	<i>Myotis septentrionalis</i>	Special Concern	None
Ozark Minnow	<i>Notropis nubilus</i>	Special Concern	None
Peregrine Falcon	<i>Falco peregrinus</i>	Special Concern	None
Plains Pocket Mouse	<i>Perognathus flavescens</i>	Special Concern	None
Plains Wild Indigo	<i>Baptisia bracteata</i> var. <i>glabrescens</i>	Special Concern	None
Prairie Vole	<i>Microtus ochrogaster</i>	Special Concern	None
Rattlesnake-master	<i>Eryngium yuccifolium</i>	Special Concern	None
Red-shouldered Hawk	<i>Buteo lineatus</i>	Special Concern	None
Round Pigtoe	<i>Pleurobema sintoxia</i>	Special Concern	None
Sessile-flowered Cress	<i>Rorippa sessiliflora</i>	Special Concern	None
Smooth Softshell	<i>Apalone mutica</i>	Special Concern	None
Snow Trillium	<i>Trillium nivale</i>	Special Concern	None
Squirrel-corn	<i>Dicentra canadensis</i>	Special Concern	None
Tricolored Bat	<i>Perimyotis subflavus</i>	Special Concern	None
Twinleaf	<i>Jeffersonia diphylla</i>	Special Concern	None
White Wild Indigo	<i>Baptisia lactea</i> var. <i>lactea</i>	Special Concern	None
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Tracked	None
Hickorynut	<i>Obovaria olivaria</i>	Tracked	None



Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Goodhue		
Facilities	Pine Island, Zumbrota		
Common Name	Scientific Name	State Status	Federal Status
Moschatel	<i>Adoxa moschatellina</i>	Tracked	None
Raven's Foot Sedge	<i>Carex crus-corvi</i>	Tracked	None



Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Kandiyohi		
Facilities	Atwater		
Common Name	Scientific Name	State Status	Federal Status
Powesheik Skipper	Oarisma poweshiek	Endangered	Candidate
Western Prairie Fringed Orchid	Platanthera praeclara	Endangered	Threatened
Hair-like Beak-rush	Rhynchospora capillacea	Threatened	None
Pugnose Shiner	Notropis anogenus	Threatened	None
Sterile Sedge	Carex sterilis	Threatened	None
Wilson's Phalarope	Phalaropus tricolor	Threatened	None
American Ginseng	Panax quinquefolius	Special Concern	None
Cerulean Warbler	Setophaga cerulea	Special Concern	None
Common Gallinule	Gallinula galeata	Special Concern	None
Forster's Tern	Sterna forsteri	Special Concern	None
Franklin's Gull	Leucophaeus pipixcan	Special Concern	None
Hill's Thistle	Cirsium pumilum var. hillii	Special Concern	None
Least Darter	Etheostoma microperca	Special Concern	None
Marbled Godwit	Limosa fedoa	Special Concern	None
Prairie Moonwort	Botrychium campestre	Special Concern	None
Red-shouldered Hawk	Buteo lineatus	Special Concern	None
Regal Fritillary	Speyeria idalia	Special Concern	None
Sea Naiad	Najas marina	Special Concern	None
Short-eared Owl	Asio flammeus	Special Concern	None
Small White Lady's-slipper	Cypripedium candidum	Special Concern	None
Widgeon-grass	Ruppia cirrhosa	Special Concern	None
Bald Eagle	Haliaeetus leucocephalus	Tracked	None

Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Le Sueur		
Facilities	Lake Emily		
Common Name	Scientific Name	State Status	Federal Status
Henslow's Sparrow	<i>Ammodramus henslowii</i>	Endangered	None
Loggerhead Shrike	<i>Lanius ludovicianus</i>	Endangered	None
Pistolgrip	<i>Tritogonia verrucosa</i>	Endangered	None
Rock Pocketbook	<i>Arcidens confragosus</i>	Endangered	None
Yellow Sandshell	<i>Lampsilis teres</i>	Endangered	None
Black Buffalo	<i>Ictiobus niger</i>	Threatened	None
Blanding's Turtle	<i>Emydoidea blandingii</i>	Threatened	None
Elktoe	<i>Alasmidonta marginata</i>	Threatened	None
Hair-like Beak-rush	<i>Rhynchospora capillacea</i>	Threatened	None
Monkeyface	<i>Quadrula metanevra</i>	Threatened	None
Mucket	<i>Actinonaias ligamentina</i>	Threatened	None
Pugnose Shiner	<i>Notropis anogenus</i>	Threatened	None
Sterile Sedge	<i>Carex sterilis</i>	Threatened	None
Whorled Nut-rush	<i>Scleria verticillata</i>	Threatened	None
A Jumping Spider	<i>Habronattus texanus</i>	Special Concern	None
A Jumping Spider	<i>Phidippus pius</i>	Special Concern	None
A Species of Lichen	<i>Buellia nigra</i>	Special Concern	None
Acadian Flycatcher	<i>Empidonax virescens</i>	Special Concern	None
American Ginseng	<i>Panax quinquefolius</i>	Special Concern	None
Beaked Spike-rush	<i>Eleocharis rostellata</i>	Special Concern	None
Blue Sucker	<i>Cycleptus elongatus</i>	Special Concern	None
Iowa Skipper	<i>Atrytone arogos iowa</i>	Special Concern	None
Least Darter	<i>Etheostoma microperca</i>	Special Concern	None
North American Racer	<i>Coluber constrictor</i>	Special Concern	None
Rattlesnake-master	<i>Eryngium yuccifolium</i>	Special Concern	None
Red-Tailed Prairie Leafhopper	<i>Aflexia rubranura</i>	Special Concern	None
Regal Fritillary	<i>Speyeria idalia</i>	Special Concern	None
Small White Lady's-slipper	<i>Cypripedium candidum</i>	Special Concern	None
Smooth Softshell	<i>Apalone mutica</i>	Special Concern	None
Trumpeter Swan	<i>Cygnus buccinator</i>	Special Concern	None
Twig-rush	<i>Cladium mariscoides</i>	Special Concern	None
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Tracked	None
Hickorynut	<i>Obovaria olivaria</i>	Tracked	None



Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	McCleod		
Facilities	Lester Prairie		
Common Name	Scientific Name	State Status	Federal Status
Eared False Foxglove	<i>Agalinis auriculata</i>	Endangered	None
Horned Grebe	<i>Podiceps auritus</i>	Endangered	None
King Rail	<i>Rallus elegans</i>	Endangered	None
Powesheik Skipper	<i>Oarisma poweshiek</i>	Endangered	Candidate
Sullivant's Milkweed	<i>Asclepias sullivantii</i>	Threatened	None
American Ginseng	<i>Panax quinquefolius</i>	Special Concern	None
Forster's Tern	<i>Sterna forsteri</i>	Special Concern	None
Hill's Thistle	<i>Cirsium pumilum var. hillii</i>	Special Concern	None
Marbled Godwit	<i>Limosa fedoa</i>	Special Concern	None
Regal Fritillary	<i>Speyeria idalia</i>	Special Concern	None
Small White Lady's-slipper	<i>Cypripedium candidum</i>	Special Concern	None
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Tracked	None



Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Pipestone		
Facilities	Pipestone		
Common Name	Scientific Name	State Status	Federal Status
Blackfoot Quillwort	<i>Isoetes melanopoda</i>	Endangered	None
Blanchard's Cricket Frog	<i>Acris blanchardi</i>	Endangered	None
Burrowing Owl	<i>Athene cunicularia</i>	Endangered	None
Chestnut-collared Longspur	<i>Calcarius ornatus</i>	Endangered	None
Dakota Skipper	<i>Hesperia dacotae</i>	Endangered	Candidate
Hairy Water Clover	<i>Marsilea vestita</i>	Endangered	None
Henslow's Sparrow	<i>Ammodramus henslowii</i>	Endangered	None
Loggerhead Shrike	<i>Lanius ludovicianus</i>	Endangered	None
Ottoo Skipper	<i>Hesperia ottoe</i>	Endangered	None
Powesheik Skipper	<i>Oarisma poweshiek</i>	Endangered	Candidate
Western Prairie Fringed Orchid	<i>Platanthera praeclara</i>	Endangered	Threatened
Wolf's Spike-rush	<i>Eleocharis wolfii</i>	Endangered	None
Blanding's Turtle	<i>Emydoidea blandingii</i>	Threatened	None
Hair-like Beak-rush	<i>Rhynchospora capillacea</i>	Threatened	None
Mud Plantain	<i>Heteranthera limosa</i>	Threatened	None
Plains Topminnow	<i>Fundulus sciadicus</i>	Threatened	None
Short-pointed Umbrella-sedge	<i>Cyperus acuminatus</i>	Threatened	None
Water-hyssop	<i>Bacopa rotundifolia</i>	Threatened	None
A Jumping Spider	<i>Phidippus pius</i>	Special Concern	None
A Species of Lichen	<i>Buellia nigra</i>	Special Concern	None
Buffalo Grass	<i>Buchloe dactyloides</i>	Special Concern	None
Creek Heelsplitter	<i>Lasmigona compressa</i>	Special Concern	None
Few-flowered Spike-rush	<i>Eleocharis quinqueflora</i>	Special Concern	None
Forster's Tern	<i>Sterna forsteri</i>	Special Concern	None
Iowa Skipper	<i>Atrytone arogos iowa</i>	Special Concern	None
Least Weasel	<i>Mustela nivalis</i>	Special Concern	None
Leonard's Skipper	<i>Hesperia leonardus leonardus</i>	Special Concern	None
Mudwort	<i>Limosella aquatica</i>	Special Concern	None
Phlox Moth	<i>Schinia indiana</i>	Special Concern	None
Plains Prickly Pear	<i>Opuntia macrorhiza</i>	Special Concern	None
Prairie Moonwort	<i>Botrychium campestre</i>	Special Concern	None
Prairie Vole	<i>Microtus ochrogaster</i>	Special Concern	None
Red Three-awn	<i>Aristida purpurea</i> var. <i>longiseta</i>	Special Concern	None
Regal Fritillary	<i>Speyeria idalia</i>	Special Concern	None



Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Pipestone		
Facilities	Pipestone		
Common Name	Scientific Name	State Status	Federal Status
Slender Plantain	<i>Plantago elongata</i>	Special Concern	None
Small White Lady's-slipper	<i>Cypripedium candidum</i>	Special Concern	None
Topeka Shiner	<i>Notropis topeka</i>	Special Concern	Endangered
Tumblegrass	<i>Schedonnardus paniculatus</i>	Special Concern	None
Western White Prairie-clover	<i>Dalea candida</i> var. <i>oligophylla</i>	Special Concern	None

Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Rice		
Facilities	West Faribault		
Common Name	Scientific Name	State Status	Federal Status
A Species of Fungus	<i>Psathyrella cystidiosa</i>	Endangered	None
A Species of Fungus	<i>Psathyrella rhodospora</i>	Endangered	None
Butternut	<i>Juglans cinerea</i>	Endangered	None
Dwarf Trout Lily	<i>Erythronium propullans</i>	Endangered	Endangered
Golden-seal	<i>Hydrastis canadensis</i>	Endangered	None
Loggerhead Shrike	<i>Lanius ludovicianus</i>	Endangered	None
Narrow-leaved Pinweed	<i>Lechea tenuifolia</i> var. <i>tenuifolia</i>	Endangered	None
Blanding's Turtle	<i>Emydoidea blandingii</i>	Threatened	None
Davis' Sedge	<i>Carex davisii</i>	Threatened	None
Ellipse	<i>Venustaconcha ellipsiformis</i>	Threatened	None
Fluted-shell	<i>Lasmigona costata</i>	Threatened	None
Jointed Sedge	<i>Carex conjuncta</i>	Threatened	None
Kitten-tails	<i>Besseyia bullii</i>	Threatened	None
Mucket	<i>Actinonaias ligamentina</i>	Threatened	None
One-flowered Broomrape	<i>Orobanche uniflora</i>	Threatened	None
Prairie Bush Clover	<i>Lespedeza leptostachya</i>	Threatened	Threatened
Rough-seeded Fameflower	<i>Phemeranthus rugospermus</i>	Threatened	None
Spike	<i>Elliptio dilatata</i>	Threatened	None
Sterile Sedge	<i>Carex sterilis</i>	Threatened	None
Sullivant's Milkweed	<i>Asclepias sullivantii</i>	Threatened	None
Valerian	<i>Valeriana edulis</i> var. <i>ciliata</i>	Threatened	None
Wood Turtle	<i>Glyptemys insculpta</i>	Threatened	None
Acadian Flycatcher	<i>Empidonax virescens</i>	Special Concern	None
American Ginseng	<i>Panax quinquefolius</i>	Special Concern	None
Black Sandshell	<i>Ligumia recta</i>	Special Concern	None
Cerulean Warbler	<i>Setophaga cerulea</i>	Special Concern	None
Creek Heelsplitter	<i>Lasmigona compressa</i>	Special Concern	None
Louisiana Waterthrush	<i>Parkesia motacilla</i>	Special Concern	None
Plains Wild Indigo	<i>Baptisia bracteata</i> var. <i>glabrescens</i>	Special Concern	None
Prairie Vole	<i>Microtus ochrogaster</i>	Special Concern	None
Rattlesnake-master	<i>Eryngium yuccifolium</i>	Special Concern	None
Red-shouldered Hawk	<i>Buteo lineatus</i>	Special Concern	None
Round Pigtoe	<i>Pleurobema sintoxia</i>	Special Concern	None
Squirrel-corn	<i>Dicentra canadensis</i>	Special Concern	None



Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Rice		
Facilities	West Faribault		
Common Name	Scientific Name	State Status	Federal Status
Thread-like Naiad	<i>Najas gracillima</i>	Special Concern	None
Widgeon-grass	<i>Ruppia cirrhosa</i>	Special Concern	None
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Tracked	None
Wood's Sedge	<i>Carex woodii</i>	Tracked	None



Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Stearns		
Facilities	Albany, Brooten, Paynesville		
Common Name	Scientific Name	State Status	Federal Status
Butternut	<i>Juglans cinerea</i>	Endangered	None
Dakota Skipper	<i>Hesperia dacotae</i>	Endangered	Candidate
Henslow's Sparrow	<i>Ammodramus henslowii</i>	Endangered	None
Powesheik Skipper	<i>Oarisma poweshiek</i>	Endangered	Candidate
Blanding's Turtle	<i>Emydoidea blandingii</i>	Threatened	None
Goblin Fern	<i>Botrychium mormo</i>	Threatened	None
Hair-like Beak-rush	<i>Rhynchospora capillacea</i>	Threatened	None
Pugnose Shiner	<i>Notropis anogenus</i>	Threatened	None
Ram's-head Lady's-slipper	<i>Cypripedium arietinum</i>	Threatened	None
Sterile Sedge	<i>Carex sterilis</i>	Threatened	None
Tubercled Rein-orchid	<i>Platanthera flava</i> var. <i>herbiola</i>	Threatened	None
Wilson's Phalarope	<i>Phalaropus tricolor</i>	Threatened	None
A Jumping Spider	<i>Paradamoetas fontana</i>	Special Concern	None
A Jumping Spider	<i>Habronattus texanus</i>	Special Concern	None
Acadian Flycatcher	<i>Empidonax virescens</i>	Special Concern	None
American Ginseng	<i>Panax quinquefolius</i>	Special Concern	None
Beaked Snakeroot	<i>Sanicula trifoliata</i>	Special Concern	None
Black Sandshell	<i>Ligumia recta</i>	Special Concern	None
Cerulean Warbler	<i>Setophaga cerulea</i>	Special Concern	None
Creek Heelsplitter	<i>Lasmigona compressa</i>	Special Concern	None
Forster's Tern	<i>Sterna forsteri</i>	Special Concern	None
Hill's Thistle	<i>Cirsium pumilum</i> var. <i>hillii</i>	Special Concern	None
Least Darter	<i>Etheostoma microperca</i>	Special Concern	None
Marbled Godwit	<i>Limosa fedoa</i>	Special Concern	None
Northern Myotis	<i>Myotis septentrionalis</i>	Special Concern	None
Red-shouldered Hawk	<i>Buteo lineatus</i>	Special Concern	None
Red-Tailed Prairie Leafhopper	<i>Aflexia rubranura</i>	Special Concern	None
Regal Fritillary	<i>Speyeria idalia</i>	Special Concern	None
Sea Naiad	<i>Najas marina</i>	Special Concern	None
Small White Lady's-slipper	<i>Cypripedium candidum</i>	Special Concern	None
Tricolored Bat	<i>Perimyotis subflavus</i>	Special Concern	None
Widgeon-grass	<i>Ruppia cirrhosa</i>	Special Concern	None
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Tracked	None
Vasey's Pondweed	<i>Potamogeton vaseyi</i>	Tracked	None



Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Waseca		
Facilities	Waseca		
Common Name	Scientific Name	State Status	Federal Status
Butternut	<i>Juglans cinerea</i>	Endangered	None
Loggerhead Shrike	<i>Lanius ludovicianus</i>	Endangered	None
Blanding's Turtle	<i>Emydoidea blandingii</i>	Threatened	None
Pugnose Shiner	<i>Notropis anogenus</i>	Threatened	None
Sullivant's Milkweed	<i>Asclepias sullivantii</i>	Threatened	None
Tuberous Indian-plantain	<i>Arnoglossum plantagineum</i>	Threatened	None
Valerian	<i>Valeriana edulis</i> var. <i>ciliata</i>	Threatened	None
Common Gallinule	<i>Gallinula galeata</i>	Special Concern	None
Rattlesnake-master	<i>Eryngium yuccifolium</i>	Special Concern	None
Small White Lady's-slipper	<i>Cypripedium candidum</i>	Special Concern	None
Trumpeter Swan	<i>Cygnus buccinator</i>	Special Concern	None
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Tracked	None



Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Washington		
Facilities	Hastings		
Common Name	Scientific Name	State Status	Federal Status
Crystal Darter	<i>Crystallaria asprella</i>	Endangered	None
A Species of Fungus	<i>Psathyrella cystidiosa</i>	Endangered	None
Ebonyspell	<i>Fusconaia ebena</i>	Endangered	None
Elephant-ear	<i>Elliptio crassidens</i>	Endangered	None
Forked Chickweed	<i>Paronychia fastigiata</i> var. <i>fastigiata</i>	Endangered	None
Henslow's Sparrow	<i>Ammodramus henslowii</i>	Endangered	None
Higgins Eye	<i>Lampsilis higginsii</i>	Endangered	Endangered
James' Polansia	<i>Polansia jamesii</i>	Endangered	None
Narrow-leaved Pinweed	<i>Lechea tenuifolia</i> var. <i>tenuifolia</i>	Endangered	None
Pistolgrip	<i>Tritogonia verrucosa</i>	Endangered	None
Purple Wartyback	<i>Cyclonaias tuberculata</i>	Endangered	None
Rock Pocketbook	<i>Arcidens confragosus</i>	Endangered	None
Salamander Mussel	<i>Simpsonaias ambigua</i>	Endangered	None
Sheepnose	<i>Plethobasus cyphus</i>	Endangered	Endangered
Snuffbox	<i>Epioblasma triquetra</i>	Endangered	Endangered
Spectaclecase	<i>Cumberlandia monodonta</i>	Endangered	Endangered
Winged Mapleleaf	<i>Quadrula fragosa</i>	Endangered	Endangered
Blanding's Turtle	<i>Emydoidea blandingii</i>	Threatened	None
Blunt-lobed Grapefern	<i>Botrychium oneidense</i>	Threatened	None
Bog Bluegrass	<i>Poa paludigena</i>	Threatened	None
Butterfly	<i>Ellipsaria lineolata</i>	Threatened	None
Clinton's Bulrush	<i>Trichophorum clintonii</i>	Threatened	None
Eastern Spotted Skunk	<i>Spilogale putorius</i>	Threatened	None
Elktoe	<i>Alasmidonta marginata</i>	Threatened	None
Ellipse	<i>Venustaconcha ellipsiformis</i>	Threatened	None
Fernleaf False Foxglove	<i>Aureolaria pedicularia</i>	Threatened	None
Fluted-shell	<i>Lasmigona costata</i>	Threatened	None
Kitten-tails	<i>Besseyia bullii</i>	Threatened	None
Lance-leaved Violet	<i>Viola lanceolata</i> var. <i>lanceolata</i>	Threatened	None
Louisiana Broomrape	<i>Orobanche ludoviciana</i> var. <i>ludoviciana</i>	Threatened	None
Monkeyface	<i>Quadrula metanevra</i>	Threatened	None
Mucket	<i>Actinonaias ligamentina</i>	Threatened	None
Paddlefish	<i>Polyodon spathula</i>	Threatened	None



Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Washington		
Facilities	Hastings		
Common Name	Scientific Name	State Status	Federal Status
Pugnose Shiner	Notropis anogenus	Threatened	None
Rock Sandwort	Minuartia dawsonensis	Threatened	None
Sea-beach Needlegrass	Aristida tuberculosa	Threatened	None
Spike	Elliptio dilatata	Threatened	None
St. Croix Snaketail	Ophiogomphus susbehcha	Threatened	None
Stemless Tick-trefoil	Desmodium nudiflorum	Threatened	None
Timber Rattlesnake	Crotalus horridus	Threatened	None
Tuberclad Rein-orchid	Platanthera flava var. herbiola	Threatened	None
Wartyback	Quadrula nodulata	Threatened	None
Wilson's Phalarope	Phalaropus tricolor	Threatened	None
A Caddisfly	Asynarchus rossi	Special Concern	None
A Jumping Spider	Pelegrina arizonensis	Special Concern	None
A Species of Fungus	Lysurus cruciatus	Special Concern	None
American Ginseng	Panax quinquefolius	Special Concern	None
American Water-pennywort	Hydrocotyle americana	Special Concern	None
Autumn Fimbristylis	Fimbristylis autumnalis	Special Concern	None
Black Sandshell	Ligumia recta	Special Concern	None
Blue Sucker	Cycleptus elongatus	Special Concern	None
Cattail Sedge	Carex typhina	Special Concern	None
Cerulean Warbler	Setophaga cerulea	Special Concern	None
Common Gallinule	Gallinula galeata	Special Concern	None
Creeping Juniper	Juniperus horizontalis	Special Concern	None
Forster's Tern	Sterna forsteri	Special Concern	None
Gilt Darter	Percina evides	Special Concern	None
Goldie's Fern	Dryopteris goldiana	Special Concern	None
Gophersnake	Pituophis catenifer	Special Concern	None
Hill's Thistle	Cirsium pumilum var. hillii	Special Concern	None
Hooded Warbler	Setophaga citrina	Special Concern	None
Lake Sturgeon	Acipenser fulvescens	Special Concern	None
Least Darter	Etheostoma microperca	Special Concern	None
Least Moonwort	Botrychium simplex	Special Concern	None
Leonard's Skipper	Hesperia leonardus leonardus	Special Concern	None
Louisiana Waterthrush	Parkesia motacilla	Special Concern	None
North American Racer	Coluber constrictor	Special Concern	None



Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Washington		
Facilities	Hastings		
Common Name	Scientific Name	State Status	Federal Status
Northern Myotis	<i>Myotis septentrionalis</i>	Special Concern	None
Peregrine Falcon	<i>Falco peregrinus</i>	Special Concern	None
Plains Prickly Pear	<i>Opuntia macrorhiza</i>	Special Concern	None
Purple Sand-grass	<i>Triplasis purpurea</i> var. <i>purpurea</i>	Special Concern	None
Red-shouldered Hawk	<i>Buteo lineatus</i>	Special Concern	None
Red-Tailed Prairie Leafhopper	<i>Aflexia rubranura</i>	Special Concern	None
Round Pigtoe	<i>Pleurobema sintoxia</i>	Special Concern	None
Sandy Stream Tiger Beetle	<i>Cicindela macra macra</i>	Special Concern	None
Smooth Softshell	<i>Apalone mutica</i>	Special Concern	None
Southern Brook Lamprey	<i>Ichthyomyzon gagei</i>	Special Concern	None
St. Lawrence Grapefern	<i>Botrychium rugulosum</i>	Special Concern	None
Tricolored Bat	<i>Perimyotis subflavus</i>	Special Concern	None
White Wild Indigo	<i>Baptisia lactea</i> var. <i>lactea</i>	Special Concern	None
A Jumping Spider	<i>Marpissa grata</i>	Tracked	None
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Tracked	None
Hickorynut	<i>Obovaria olivaria</i>	Tracked	None



Appendix I Rare and Unique Natural Features Information

County-Listed Species			
County	Wright		
Facilities	Annandale, Lake Pulaski, Montrose		
Common Name	Scientific Name	State Status	Federal Status
Horned Grebe	<i>Podiceps auritus</i>	Endangered	None
Loggerhead Shrike	<i>Lanius ludovicianus</i>	Endangered	None
Blanding's Turtle	<i>Emydoidea blandingii</i>	Threatened	None
Common Tern	<i>Sterna hirundo</i>	Threatened	None
Elktoe	<i>Alasmidonta marginata</i>	Threatened	None
Pugnose Shiner	<i>Notropis anogenus</i>	Threatened	None
Ram's-head Lady's-slipper	<i>Cypripedium arietinum</i>	Threatened	None
Acadian Flycatcher	<i>Empidonax virescens</i>	Special Concern	None
American Ginseng	<i>Panax quinquefolius</i>	Special Concern	None
Black Sandshell	<i>Ligumia recta</i>	Special Concern	None
Cerulean Warbler	<i>Setophaga cerulea</i>	Special Concern	None
Creek Heelsplitter	<i>Lasmigona compressa</i>	Special Concern	None
Forster's Tern	<i>Sterna forsteri</i>	Special Concern	None
Hill's Thistle	<i>Cirsium pumilum var. hillii</i>	Special Concern	None
Least Darter	<i>Etheostoma microperca</i>	Special Concern	None
Peregrine Falcon	<i>Falco peregrinus</i>	Special Concern	None
Red-shouldered Hawk	<i>Buteo lineatus</i>	Special Concern	None
Thread-like Naiad	<i>Najas gracillima</i>	Special Concern	None
Trumpeter Swan	<i>Cygnus buccinator</i>	Special Concern	None
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Tracked	None



Appendix I Rare and Unique Natural Features Information

NHIS Rare Species Documented Occurances (count)												
Area	Buffer of Facility Land Control Within 1 mile								Preliminary Development Area			
Level	State				Federal			Bald Eagle or Eagle Nest	State			Bald Eagle or Eagle Nest
Status	Tracked	Special Concern	Threatened	Endangered	Candidate	Listed Endangered	Listed Threatened		Tracked	Special Concern	Threatened	
Facility												
Albany	--	--	--	--	--	--	--	--	--	--	--	--
Annandale	--	--	--	--	--	--	--	--	--	--	--	--
Atwater	--	--	--	--	--	--	--	--	--	--	--	--
Brooten	--	--	--	--	--	--	--	--	--	--	--	--
Chisago	--	5	12	--	--	--	--	--	--	--	3	--
Dodge Center	--	1	2	--	--	--	--	--	--	--	--	--
Eastwood	--	--	--	--	--	--	--	--	--	--	--	--
Fiesta City	--	--	--	--	--	--	--	--	--	--	--	--
Hastings	5	13	10	14	1	4	--	2	--	--	--	--
Lake Emily	--	1	1	--	--	--	--	--	--	--	--	--
Lake Pulaski	--	--	--	--	--	--	--	--	--	--	--	--
Lawrence Creek	4	4	5	3	--	--	--	--	--	--	--	--
Lester Praire	--	--	--	--	--	--	--	--	--	--	--	--
Mayhew	1	--	--	--	--	--	--	--	--	--	--	--
Montrose	--	1	--	--	--	--	--	--	--	--	--	--
Paynesville	1	6	1	--	--	--	--	--	--	--	--	--
Pine Island	1	1	2	--	--	--	--	--	--	1	--	--
Pipestone	10	14	3	6	1	1	1	--	1	1	--	--
Scandia	--	--	--	--	--	--	--	--	--	--	--	--
Waseca	1	2	4	--	--	--	--	--	--	--	--	--
West Faribault	--	1	--	--	--	--	--	--	--	--	--	--
West Waconia	--	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	1	--	--	--	--	--	--	--	--	--
Zumbrota	--	1	2	--	--	--	--	--	--	1	1	--

Note: -- is None

Federal and state listings are not counted exclusive of each other. If a species has a state and federal listing it is listed twice in this table.

There were no federal listing occurrences within the Preliminary Development Area.



Appendix I Rare and Unique Natural Features Information

NHIS Rare Species Documented Occurances					
Facility	Chisago				
Common Name	Scientific Name	State Status	Federal	Buffer of Facility Land Control within 1 mile Count	Preliminary Development Area Count
Actinonaias ligamentina	Mucket	Threatened	None	1	--
Elliptio dilatata	Spike	Threatened	None	2	--
Emydoidea blandingii	Blanding's Turtle	Threatened	None	7	2
Lasmigona costata	Fluted-shell	Threatened	None	1	--
Rotala ramosior	Tooth-cup	Threatened	None	1	1
Lasmigona compressa	Creek Heelsplitter	Special Concern	None	2	--
Ligumia recta	Black Sandshell	Special Concern	None	2	--
Pleurobema sintoxia	Round Pigtoe	Special Concern	None	1	--

Note: -- is None



Appendix I Rare and Unique Natural Features Information

NHIS Rare Species Documented Occurances				
Facility	Dodge Center			
Common Name	Scientific Name	State Status	Federal Status	Buffer of Facility Land Control within 1 mile Count
Creek Heelsplitter	<i>Lasmigona compressa</i>	Special Concern	None	1
Jointed Sedge	<i>Carex conjuncta</i>	Threatened	None	1
Wood Turtle	<i>Glyptemys insculpta</i>	Threatened	None	1

Note: There are no documented occurances within the Preliminary Development Area



Appendix I Rare and Unique Natural Features Information

NHIS Rare Species Documented Occurances				
Facility Hastings				
Common Name	Scientific Name	State Status	Federal Status	Buffer of Facility Land Control within 1 mile Count
Ebonyspell	<i>Fusconaia ebena</i>	Endangered	None	2
Elephant-ear	<i>Elliptio crassidens</i>	Endangered	None	1
Higgins Eye	<i>Lampsilis higginsii</i>	Endangered	Listed Endangered	3
Pallid Shiner	<i>Hybopsis amnis</i>	Endangered	None	1
Pistolgrip	<i>Tritogonia verrucosa</i>	Endangered	None	1
Purple Wartyback	<i>Cyclonaias tuberculata</i>	Endangered	None	1
Rock Pocketbook	<i>Arcidens confragosus</i>	Endangered	None	1
Sheepnose	<i>Plethobasus cyphus</i>	Endangered	Candidate	1
Snuffbox	<i>Epioblasma triquetra</i>	Endangered	None	1
Washboard	<i>Megalonaias nervosa</i>	Endangered	None	1
Winged Mapleleaf	<i>Quadrula fragosa</i>	Endangered	Listed Endangered	1
Butterfly	<i>Ellipsaria lineolata</i>	Threatened	None	1
Elktoe	<i>Alasmidonta marginata</i>	Threatened	None	1
Kitten-tails	<i>Besseyia bullii</i>	Threatened	None	1
Monkeyface	<i>Quadrula metanevra</i>	Threatened	None	1
Mucket	<i>Actinonaias ligamentina</i>	Threatened	None	2
Paddfish	<i>Polyodon spathula</i>	Threatened	None	1
Spike	<i>Elliptio dilatata</i>	Threatened	None	2
Wartyback	<i>Quadrula nodulata</i>	Threatened	None	1
American Ginseng	<i>Panax quinquefolius</i>	Special Concern	None	1
Black Sandshell	<i>Ligumia recta</i>	Special Concern	None	2
Blue Sucker	<i>Cycleptus elongatus</i>	Special Concern	None	3
Creeping Juniper	<i>Juniperus horizontalis</i>	Special Concern	None	1
Lake Sturgeon	<i>Acipenser fulvescens</i>	Special Concern	None	2
Red-shouldered Hawk	<i>Buteo lineatus</i>	Special Concern	None	2
Round Pigtoe	<i>Pleurobema sintoxia</i>	Special Concern	None	2
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Tracked	None	2
Hickorynut	<i>Obovaria olivaria</i>	Tracked	None	2
Walter's Barnyard Grass	<i>Echinochloa walteri</i>	Tracked	None	1

Note: There are no documented occurrences within the Preliminary Development Area



Appendix I Rare and Unique Natural Features Information

NHIS Rare Species Documented Occurances				
Facility Lake Emily				
Common Name	Scientific Name	State Status	Federal Status	Buffer of Facility Land Control within 1 mile Count
Blanding's Turtle	Emydoidea blandingii	Threatened	None	1
Small White Lady's-slipper	Cypripedium candidum	Special Concern	None	1

Note: There are no documented occurances within the Preliminary Development Area



Appendix I Rare and Unique Natural Features Information

NHIS Rare Species Documented Occurances				
Facility	Lawrence Creek			
Common Name	Scientific Name	State Status	Federal Status	Buffer of Facility Land Control within 1 mile Count
Pistolgrip	<i>Tritogonia verrucosa</i>	Endangered	None	1
Purple Wartyback	<i>Cyclonaias tuberculata</i>	Endangered	None	1
Spotted Pondweed	<i>Potamogeton pulcher</i>	Endangered	None	1
Elktoe	<i>Alasmidonta marginata</i>	Threatened	None	1
Fluted-shell	<i>Lasmigona costata</i>	Threatened	None	1
Monkeyface	<i>Quadrula metanevra</i>	Threatened	None	1
Spike	<i>Elliptio dilatata</i>	Threatened	None	1
Stemless Tick-trefoil	<i>Desmodium nudiflorum</i>	Threatened	None	1
American Water-pennywort	<i>Hydrocotyle americana</i>	Special Concern	None	1
Black Sandshell	<i>Ligumia recta</i>	Special Concern	None	1
Louisiana Waterthrush	<i>Parkesia motacilla</i>	Special Concern	None	1
Round Pigtoe	<i>Pleurobema sintoxia</i>	Special Concern	None	1
Hickorynut	<i>Obovaria olivaria</i>	Tracked	None	1
Spiny Hornwort	<i>Ceratophyllum echinatum</i>	Tracked	None	1
Western Foxsnake	<i>Pantherophis ramspotti</i>	Tracked	None	1
White Baneberry	<i>Actaea pachypoda</i>	Tracked	None	1

Note: There are no documented occurrences within the Preliminary Development Area



Appendix I Rare and Unique Natural Features Information

NHIS Rare Species Documented Occurances				
Facility	Mayhew			
Common Name	Scientific Name	State Status	Federal Status	Buffer of Facility Land Control within 1 mile Count
Cowbane	Oxypolis rigidior	Tracked	None	1

Note: There are no documented occurances within the Preliminary Development Area



Appendix I Rare and Unique Natural Features Information

NHIS Rare Species Documented Occurances				
Facility	Montrose			
Common Name	Scientific Name	State Status	Federal Status	Buffer of Facility Land Control within 1 mile Count
Trumpeter Swan	Cygnus buccinator	Special Concern	None	1

Note: There are no documented occurances within the Preliminary Development Area



Appendix I Rare and Unique Natural Features Information

NHIS Rare Species Documented Occurances				
Facility Paynesville				
Common Name	Scientific Name	State Status	Federal	Buffer of Facility Land Control within 1 mile Count
Wilson's Phalarope	Phalaropus tricolor	Threatened	None	1
Marbled Godwit	Limosa fedoa	Special Concern	None	1
Regal Fritillary	Speyeria idalia	Special Concern	None	1
Small White Lady's-slipper	Cypripedium candidum	Special Concern	None	4
Upland Sandpiper	Bartramia longicauda	Tracked	None	1

Note: There are no documented occurances within the Preliminary Development Area



Appendix I Rare and Unique Natural Features Information

NHIS Rare Species Documented Occurances					
Facility		Pine Island			
Common Name	Scientific Name	State Status	Federal Status	Buffer of Facility Land Control within 1 mile	Preliminary Development Area
				Count	Count
American Brook Lamprey	Lampetra appendix	Tracked	None	1	--
Creek Heelsplitter	Lasmigona compressa	Special Concern	None	1	1
Ellipse	Venustaconcha	Threatened	None	1	--
Glade Mallow	Napaea dioica	Threatened	None	1	--

Note: -- is None



Appendix I Rare and Unique Natural Features Information

NHIS Rare Species Documented Occurances					
Facility	Pipestone				
Common Name	Scientific Name	State Status	Federal Status	Buffer of Facility Land Control within 1 mile Count	Preliminary Development Area Count
Blackfoot Quillwort	<i>Isoetes melanopoda</i>	Endangered	None	1	--
Dakota Skipper	<i>Hesperia dacotae</i>	Endangered	Candidate	1	--
Hairy Water Clover	<i>Marsilea vestita</i>	Endangered	None	1	--
Henslow's Sparrow	<i>Ammodramus</i>	Endangered	None	1	--
Powesheik Skipper	<i>Oarisma poweshiek</i>	Endangered	None	1	--
Western Prairie Fringed Orchid	<i>Platanthera praeclara</i>	Endangered	Listed Threatened	1	--
Mud Plantain	<i>Heteranthera limosa</i>	Threatened	None	1	--
Short-pointed Umbrella-sedge	<i>Cyperus acuminatus</i>	Threatened	None	1	--
Water-hyssop	<i>Bacopa rotundifolia</i>	Threatened	None	1	--
A Species of Lichen	<i>Buellia nigra</i>	Special Concern	None	1	--
Buffalo Grass	<i>Buchloe dactyloides</i>	Special Concern	None	3	--
Least Weasel	<i>Mustela nivalis</i>	Special Concern	None	1	1
Meadow Popcorn-flower	<i>Plagiobothrys scouleri</i>	Special Concern	None	1	--
Mudwort	<i>Limosella aquatica</i>	Special Concern	None	2	--
Plains Prickly Pear	<i>Opuntia macrorhiza</i>	Special Concern	None	1	--
Regal Fritillary	<i>Speyeria idalia</i>	Special Concern	None	1	--
Slender Plantain	<i>Plantago elongata</i>	Special Concern	None	1	--
Three Stamened Waterwort	<i>Elatine triandra</i>	Special Concern	None	1	--
Topeka Shiner	<i>Notropis topeka</i>	Special Concern	Listed Endangered	1	--



Appendix I Rare and Unique Natural Features Information

NHIS Rare Species Documented Occurances					
Facility	Pipestone				
Common Name	Scientific Name	State Status	Federal Status	Buffer of Facility Land Control within 1 mile Count	Preliminary Development Area Count
Tumblegrass	Schedonnardus paniculatus	Special Concern	None	1	--
Carolina Foxtail	Alopecurus	Tracked	None	1	--
Forget-me-not	Myosotis verna	Tracked	None	2	--
Little Barley	Hordeum pusillum	Tracked	None	1	--
Mouse-ear Chickweed	Cerastium	Tracked	None	2	--
Mousetail	Myosurus minimus	Tracked	None	2	--
Smoothish Orach	Atriplex glabriuscula	Tracked	None	2	1

Note: -- is None



Appendix I Rare and Unique Natural Features Information

NHIS Rare Species Documented Occurances				
Facility	Waseca			
Common Name	Scientific Name	State Status	Federal Status	Buffer of Facility Land Control within 1 mile Count
Cowbane	<i>Oxypolis rigidior</i>	Tracked	None	1
Rattlesnake-master	<i>Eryngium yuccifolium</i>	Special Concern	None	2
Sullivant's Milkweed	<i>Asclepias sullivantii</i>	Threatened	None	1
Tuberous Indian-plantain	<i>Arnoglossum plantagineum</i>	Threatened	None	1
Valerian	<i>Valeriana edulis var. ciliata</i>	Threatened	None	2

Note: There are no documented occurances within the Preliminary Development Area



Appendix I Rare and Unique Natural Features Information

NHIS Rare Species Documented Occurances				
Facility	West Faribault			
Common Name	Scientific Name	State Status	Federal Status	Buffer of Facility Land Control within 1 mile Count
Rattlesnake-master	<i>Eryngium yuccifolium</i>	Special Concern	None	1

Note: There are no documented occurances within the Preliminary Development Area



Appendix I Rare and Unique Natural Features Information

NHIS Rare Species Documented Occurances				
Facility	Wyoming			
Common Name	Scientific Name	State Status	Federal Status	Buffer of Facility Land Control within 1 mile Count
Blanding's Turtle	<i>Emydoidea blandingii</i>	Threatened	None	1
Colonial Waterbird Nesting Site	Colonial Waterbird Nesting Area	None	None	1

Note: There are no documented occurrences within the Preliminary Development Area