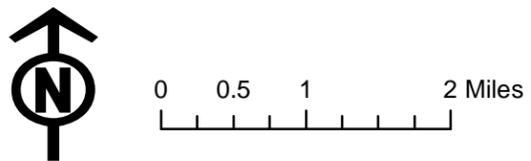
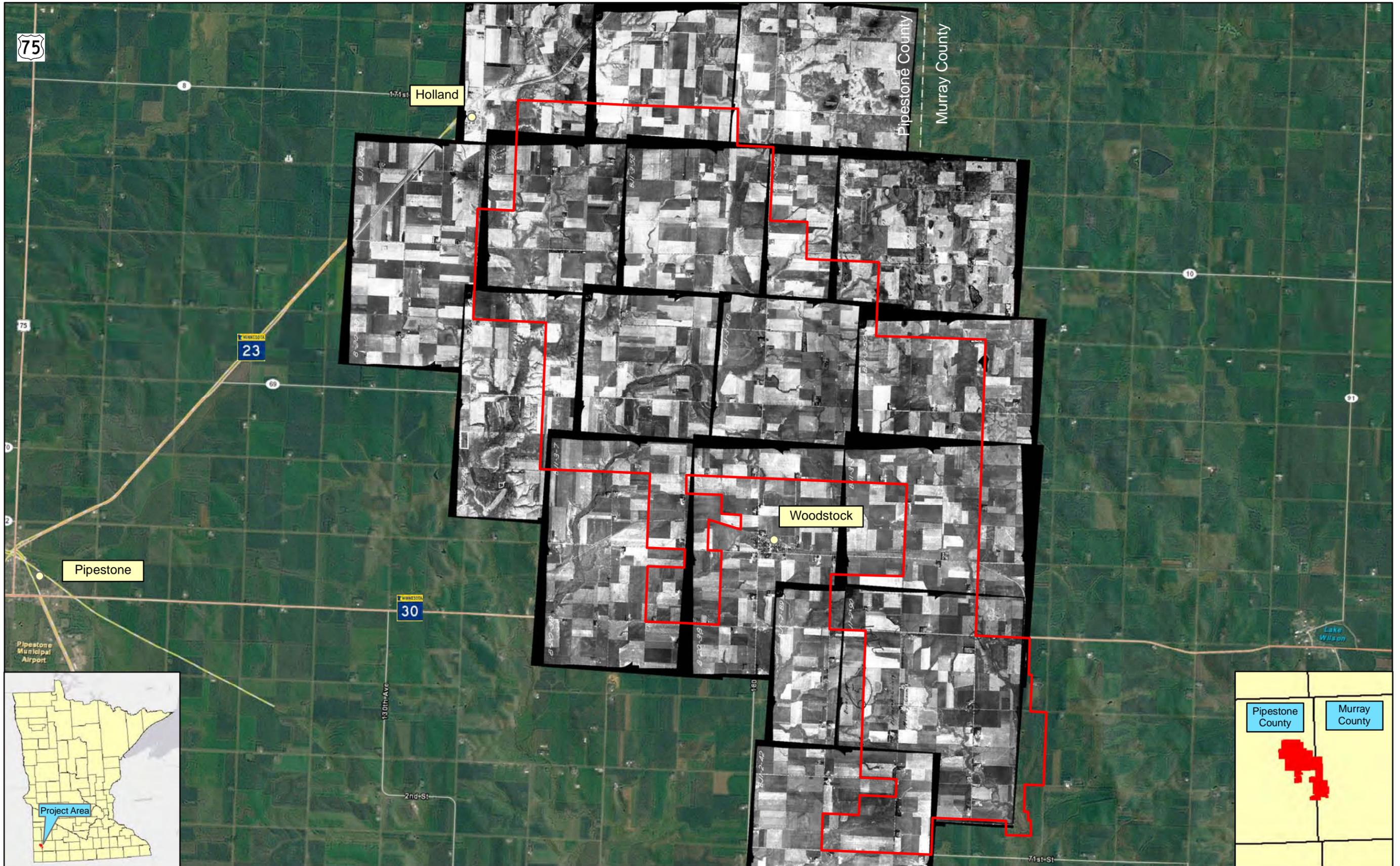


Appendix C
Historic Aerial Photos

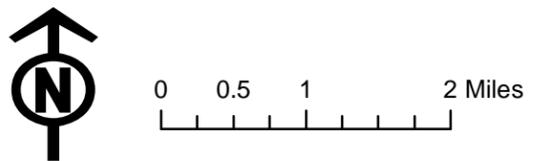
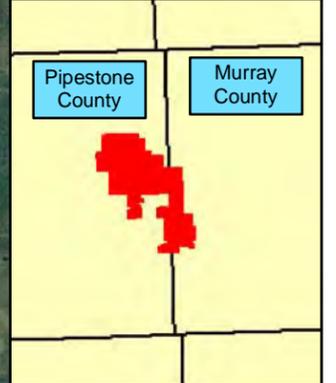
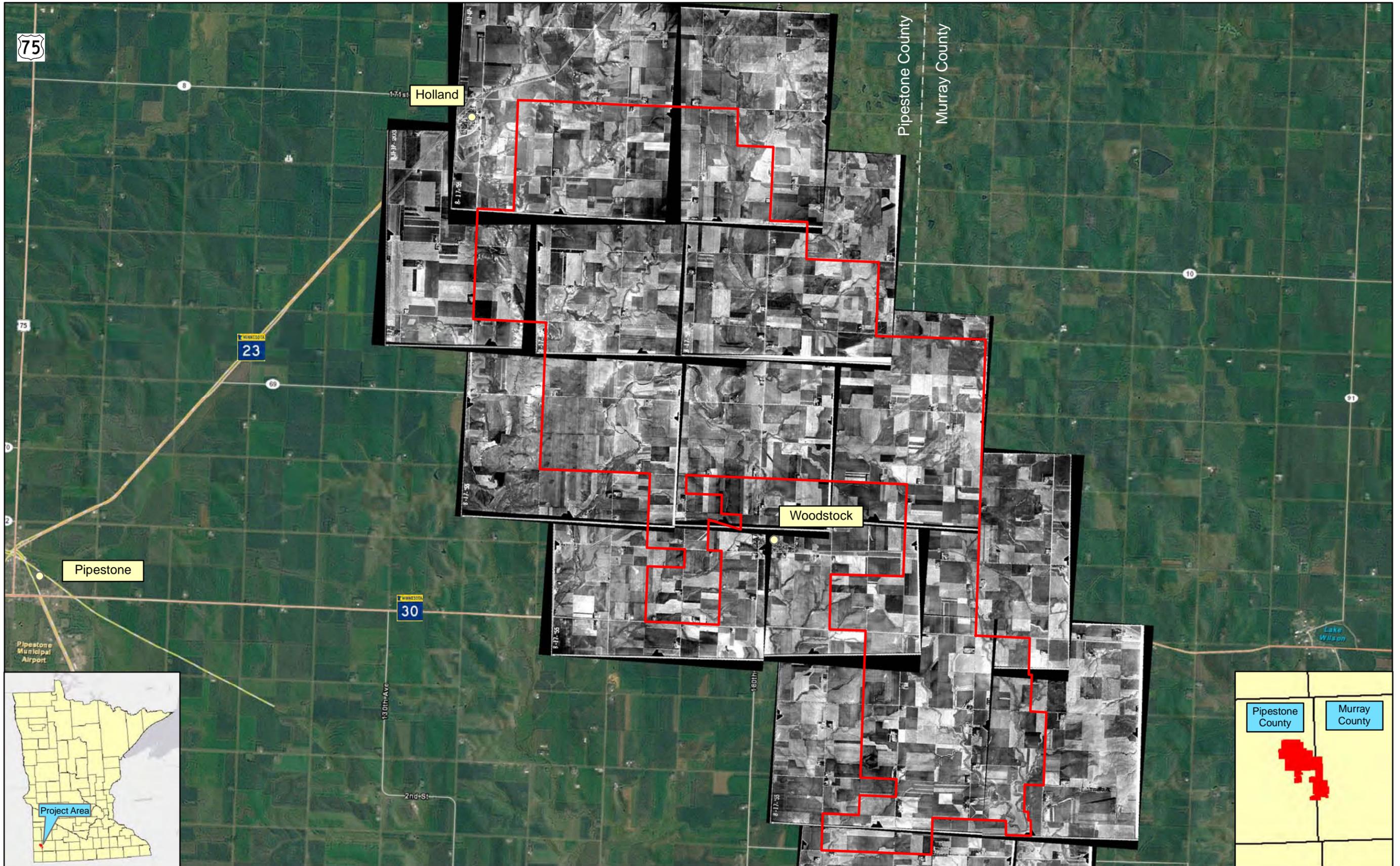
Stoneray Wind Energy Project - Aerial Map - 1938



Legend
Project Boundary



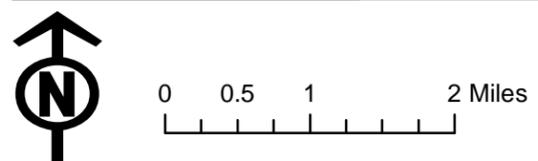
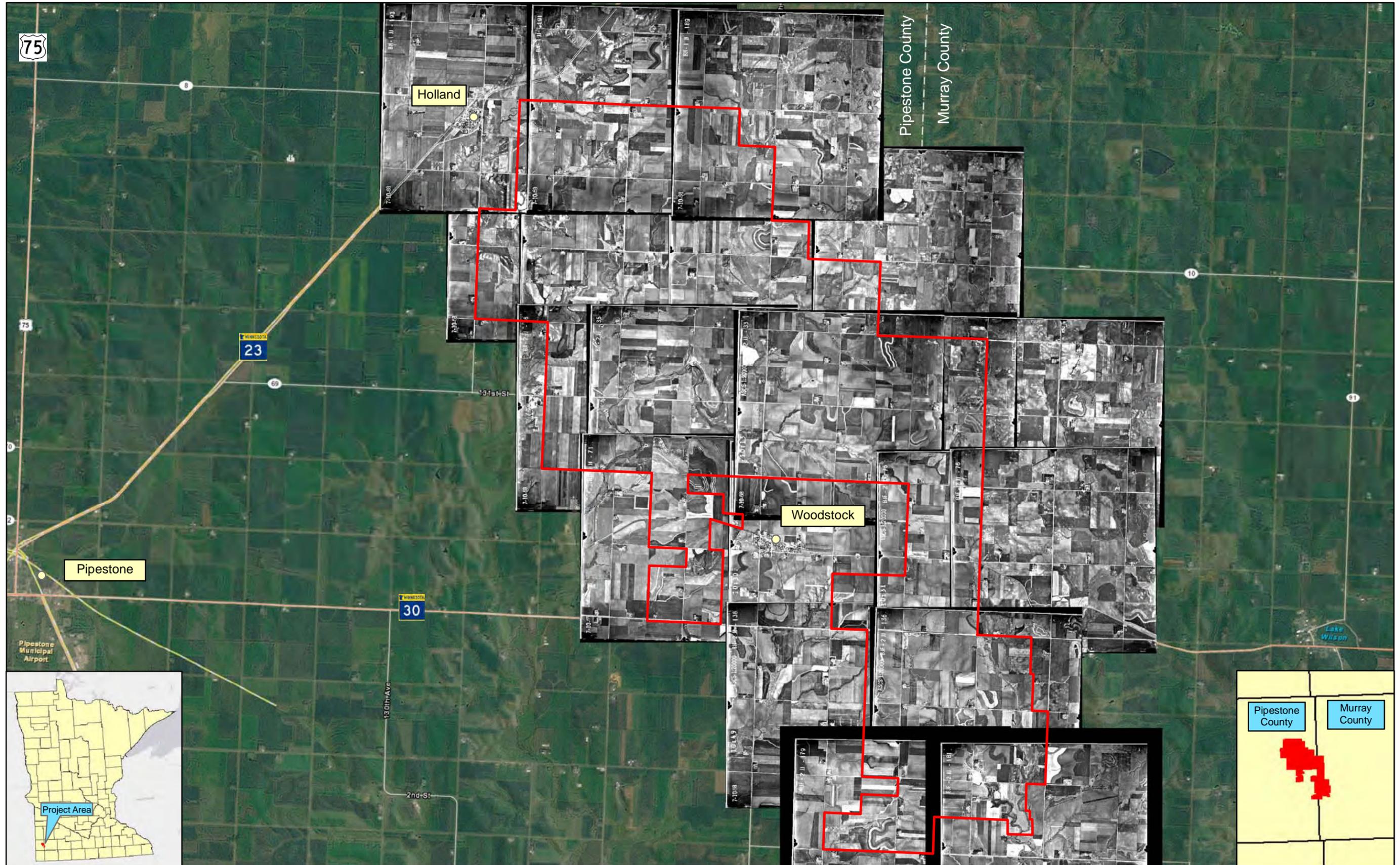
Stoneray Wind Energy Project - Aerial Map - 1955



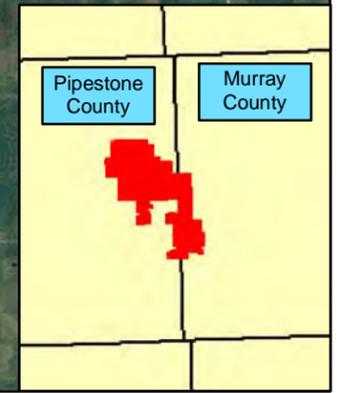
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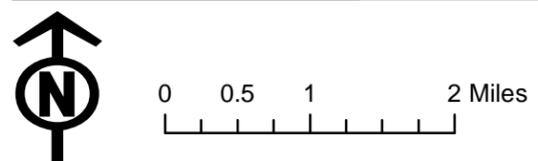
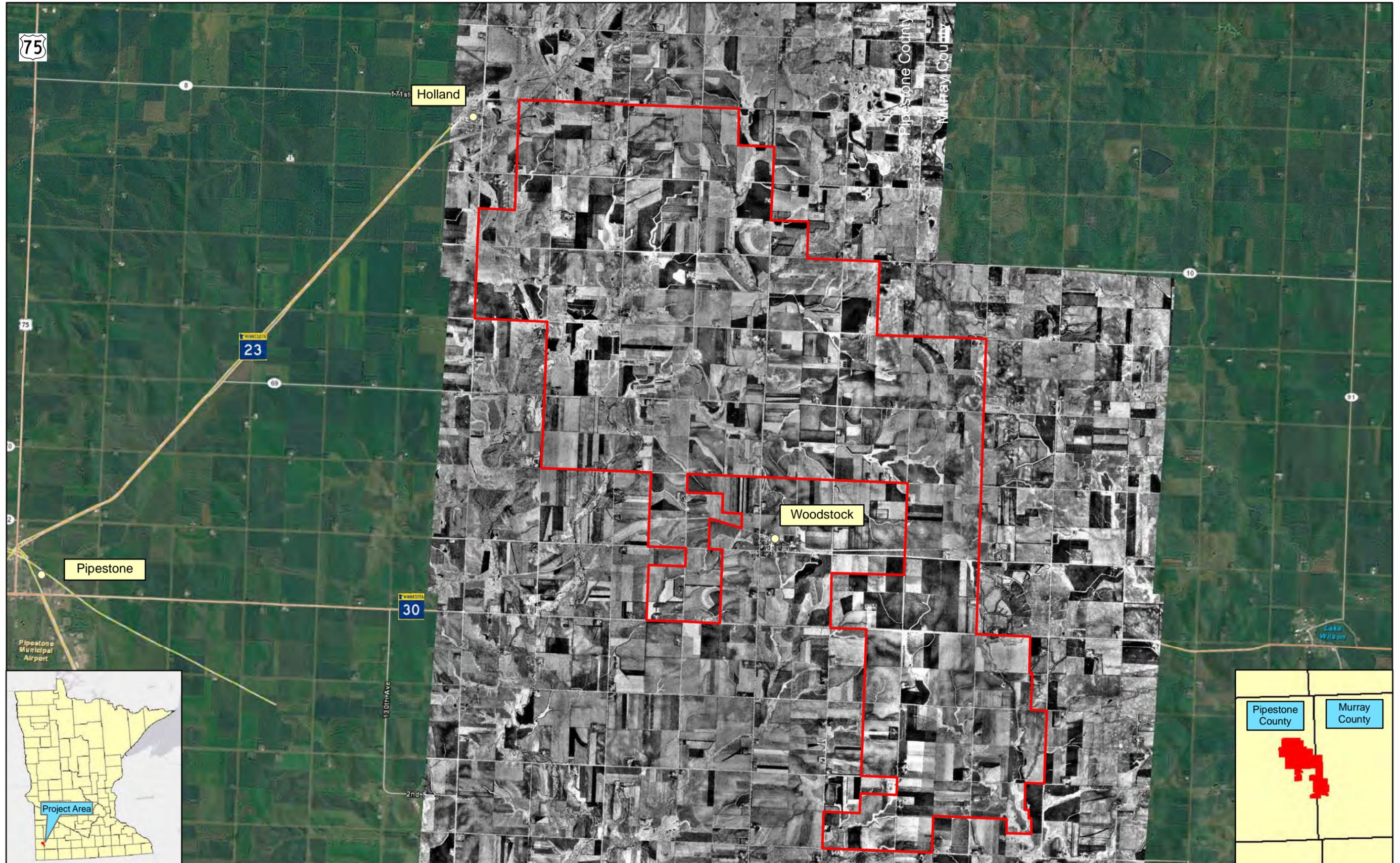
Stoneray Wind Energy Project - Aerial Map - 1968



Legend
Project Boundary



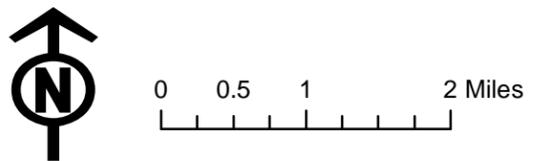
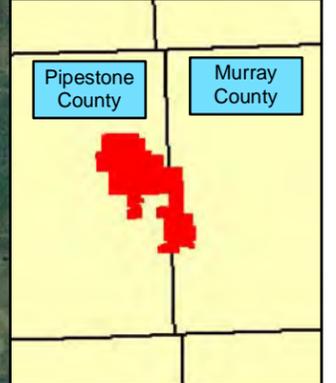
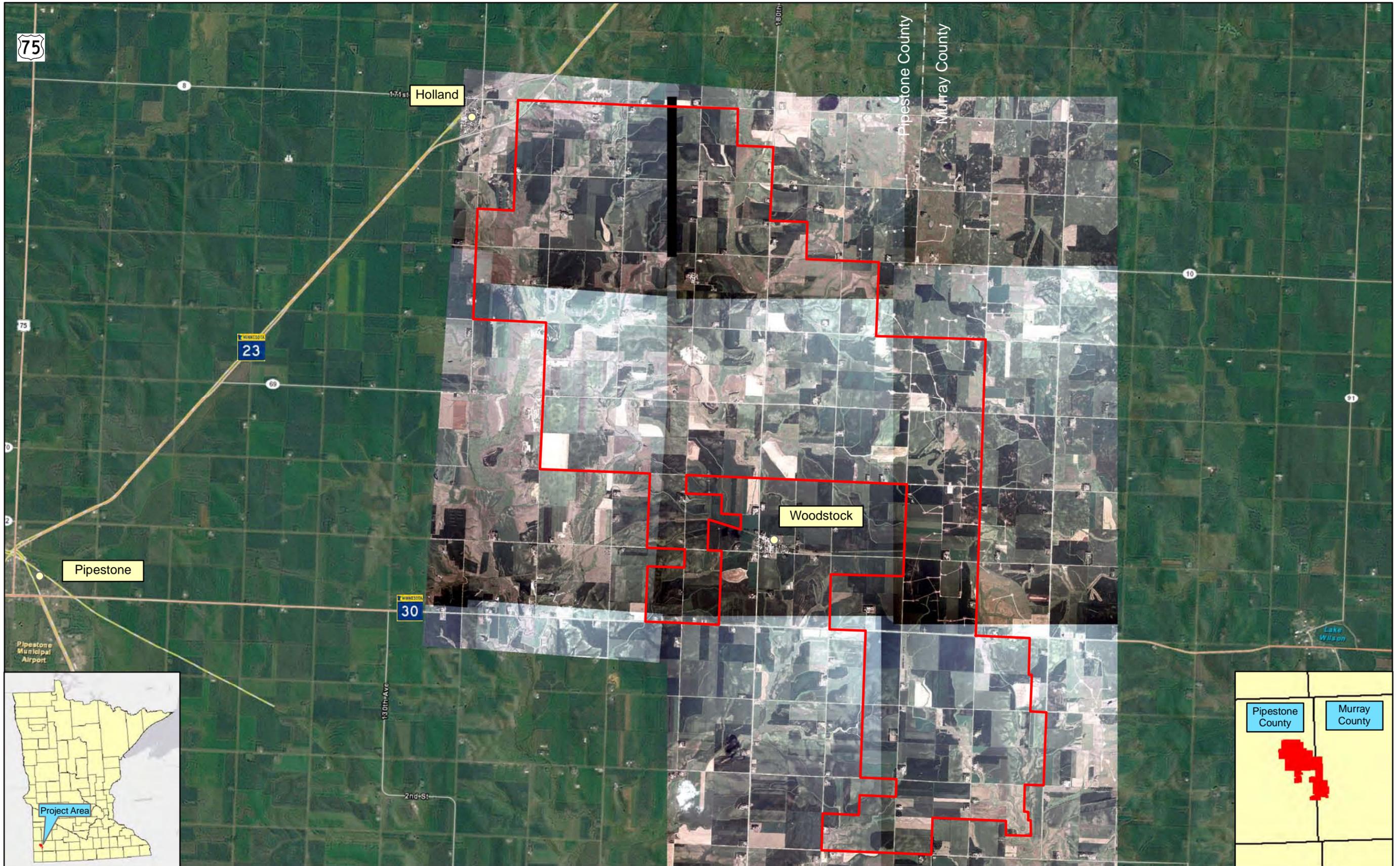
Stoneray Wind Energy Project - Aerial Map - 1991



Legend
Project Boundary



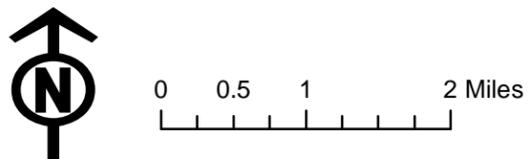
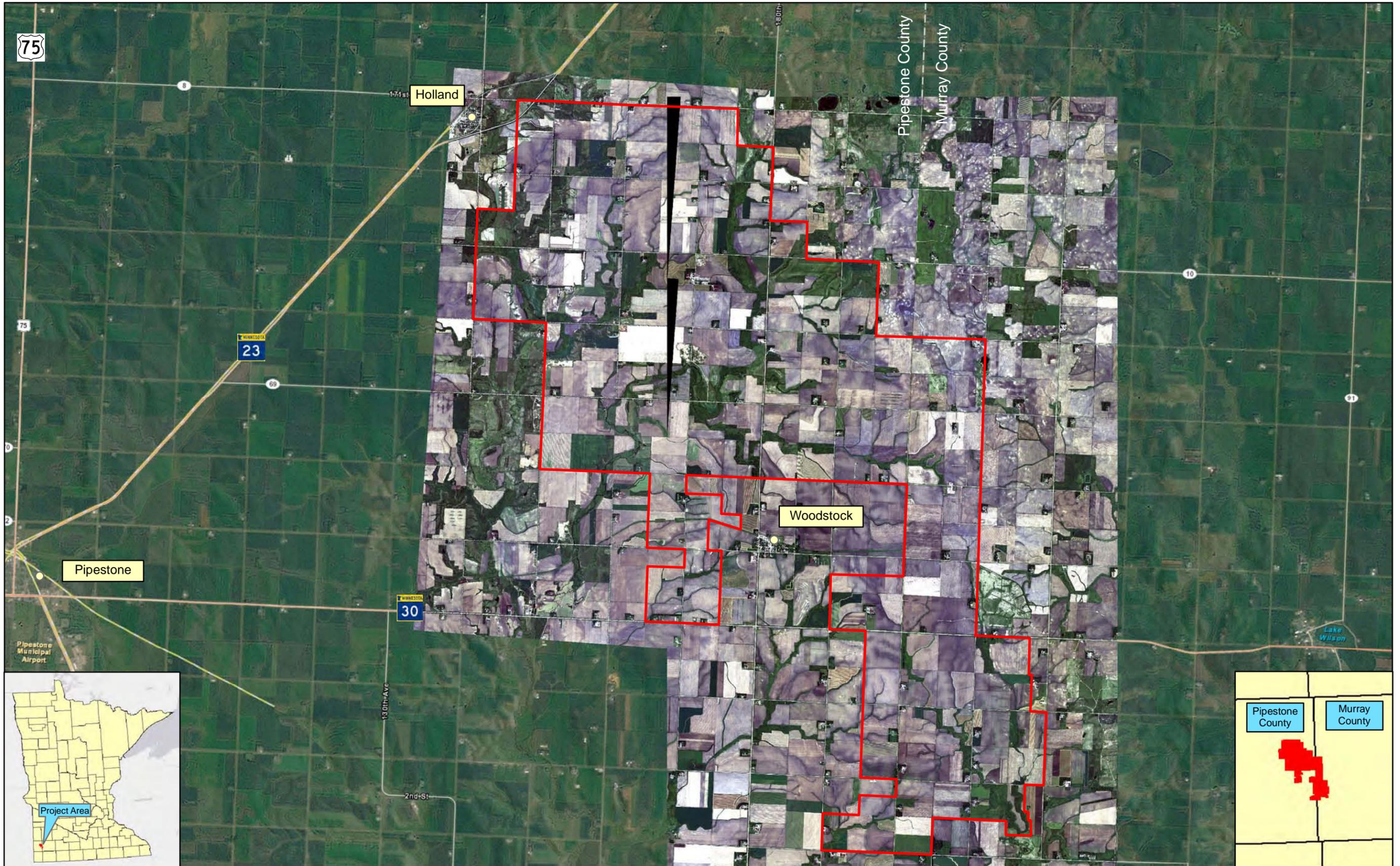
Stoneray Wind Energy Project - Aerial Map - 2003



Legend
Project Boundary



Stoneray Wind Energy Project - Aerial Map - 2010

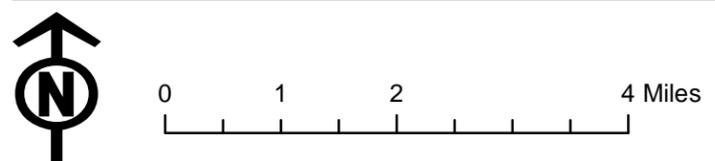
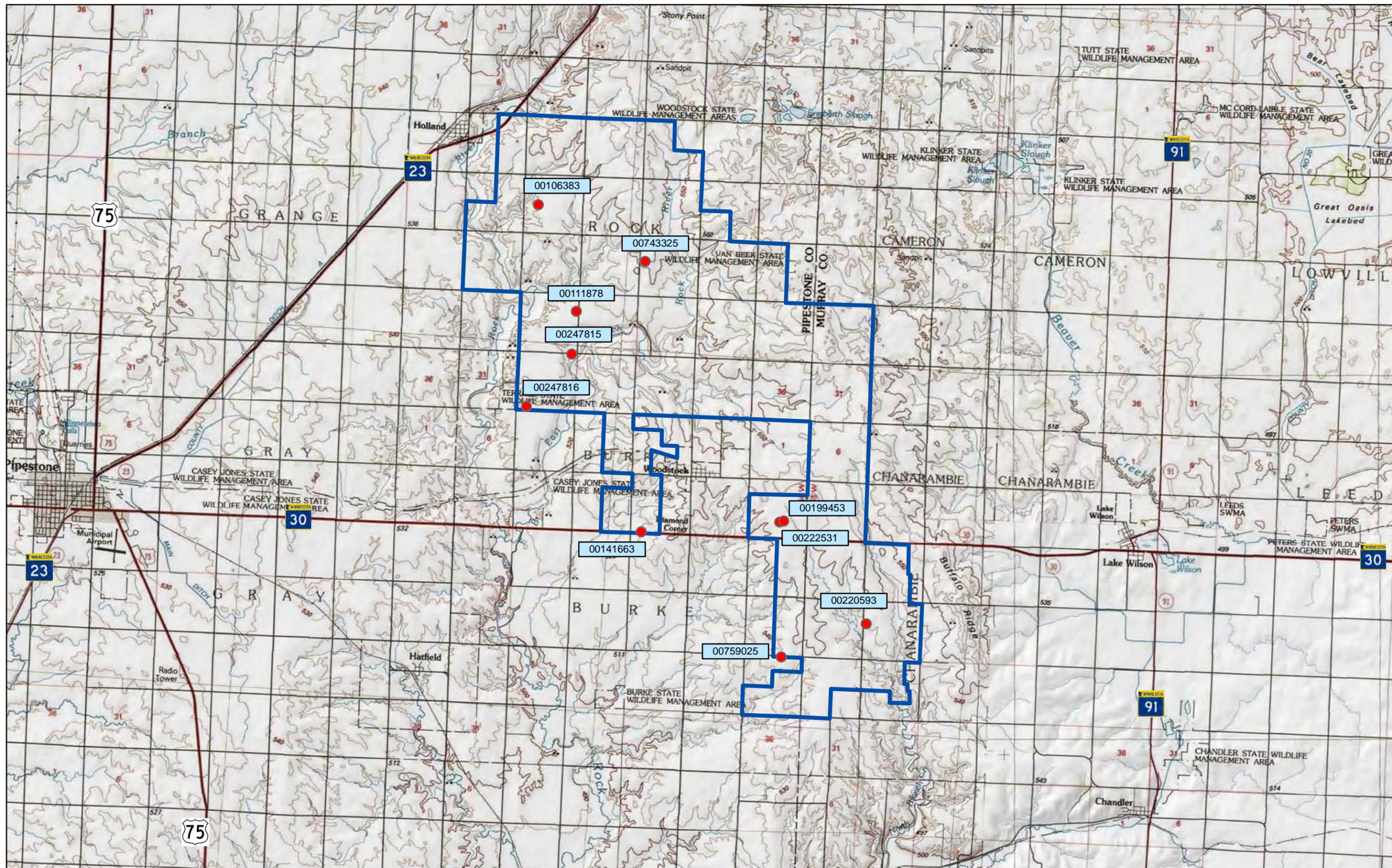


Legend
Project Boundary



Appendix D
Well Map and Logs

Stoneray Wind Energy Project - Well Map



Legend
Project Boundary

Minnesota Unique Well No.

106383

County Pipestone
 Quad Holland
 Quad ID 64C

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING RECORD

Entry Date 04/17/1988
 Update Date 10/06/1992
 Received Date

Minnesota Statutes Chapter 103I

Well Name BLANKERS, JOHN Township Range Dir Section Subsections Elevation 1775 ft. 107 44 W 17 CBAABD Elevation Method topographic map (+/- 5 feet)		<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">Well Depth</td> <td style="width:33%;">Depth Completed</td> <td colspan="2">Date Well Completed</td> </tr> <tr> <td>115 ft.</td> <td>115 ft.</td> <td colspan="2">10/27/1976</td> </tr> <tr> <td colspan="4">Drilling Method Power Auger</td> </tr> </table>			Well Depth	Depth Completed	Date Well Completed		115 ft.	115 ft.	10/27/1976		Drilling Method Power Auger																																																																																																														
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Minnesota Unique Well No.

111878

County Pipestone
 Quad Holland
 Quad ID 64C

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING RECORD

Entry Date 04/10/1991
 Update Date 10/06/1992
 Received Date

Minnesota Statutes Chapter 103I

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County Well Index Online Report

111878

Printed 11/5/2011
HE-01205-07

Minnesota Unique Well No.

141663

County Pipestone
 Quad Edgerton NE
 Quad ID 43A

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING RECORD

Entry Date 04/17/1988
 Update Date 10/06/1992
 Received Date

Minnesota Statutes Chapter 103I

Well Name O'HEARN, EDWARD Township Range Dir Section Subsections Elevation 1740 ft. 106 44 W 10 CCDCAC Elevation Method topographic map (+/- 5 feet)		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">Well Depth</td> <td style="width:33%;">Depth Completed</td> <td colspan="2">Date Well Completed</td> </tr> <tr> <td>59 ft.</td> <td>59 ft.</td> <td colspan="2">08/02/1978</td> </tr> <tr> <td colspan="4">Drilling Method Power Auger</td> </tr> </table>			Well Depth	Depth Completed	Date Well Completed		59 ft.	59 ft.	08/02/1978		Drilling Method Power Auger																																																																																																					
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Minnesota Unique Well No.

199453

County Pipestone
 Quad Edgerton NE
 Quad ID 43A

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING RECORD

Entry Date 12/18/1991
 Update Date 10/06/1992
 Received Date

Minnesota Statutes Chapter 103I

Well Name PIERSON, WALTER Township Range Dir Section Subsections Elevation 1841 ft. 106 44 W 12 DBCCBD Elevation Method topographic map (+/- 5 feet)		Well Depth 324 ft. Depth Completed 324 ft. Date Well Completed 10/26/1984 Drilling Method Non-specified Rotary
Well Address RR BOX 35 WOODSTOCK MN Geological Material Color Hardness From To TOP SOIL BLACK MEDIUM 0 2 CLAY YELLOW MEDIUM 2 50 CLAY BLUE MEDIUM 50 205 CLAY YELLOW MEDIUM 205 251 CLAY BLUE MEDIUM 251 314 SAND GRAY MEDIUM 314 324		Drilling Fluid -- Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From Ft. to Ft. Use Domestic Casing Type Plastic Joint No Information Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No No Above/Below 0 ft. Casing Diameter Weight Hole Diameter 5 in. to 316 ft. lbs./ft. 5 in. to 324 ft. Open Hole from ft. to ft. Screen YES Make JOHNSON Type stainless steel Diameter Slot/Gauze Length Set Between 5 20 8 316 ft. and 324 ft. Static Water Level 138 ft. from Land surface Date Measured 10/26/1984 PUMPING LEVEL (below land surface) 162 ft. after hrs. pumping 12 g.p.m. Well Head Completion Pitless adapter manufacturer BAKER Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)
NO REMARKS Located by: Minnesota Geological Survey Method: Digitized - scale 1:24,000 or larger (Digitizing Table) Unique Number Verification: Address verification Input Date: 01/01/1994 System: UTM - Nad83, Zone15, Meters X: 253552 Y: 4876223		Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Grout Material: Bentonite from 15 to 240 ft. 0 Nearest Known Source of Contamination 80 feet South West direction Barnyard type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No Pump <input checked="" type="checkbox"/> Not Installed Date Installed 11/02/1984 Manufacturer's name MCDONALD Model number __ HP 0.75 Volts 230 Length of drop Pipe ft. Capacity 15 g.p.m Type Submersible Material Plastic
First Bedrock Aquifer Quat. Buried Artes. Aquifer Last Strat sand-gray Depth to Bedrock ft.		Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No Well Contractor Certification Clauson Well Co. 51196 CLAUSON, A. License Business Name Lic. Or Reg. No. Name of Driller
County Well Index Online Report		199453 Printed 11/7/2011 HE-01205-07

Minnesota Unique Well No.

220593

County Murray
 Quad Edgerton NE
 Quad ID 43A

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING RECORD

Entry Date 04/13/1988
 Update Date 08/21/1992
 Received Date

Minnesota Statutes Chapter 103I

<p>Well Name SLINGER, HENRY</p> <p>Township Range Dir Section Subsections Elevation 1778 ft.</p> <p>106 43 W 20 BCCBAB Elevation Method topographic map (+/- 5 feet)</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">Well Depth</td> <td style="width:33%;">Depth Completed</td> <td style="width:33%;">Date Well Completed</td> </tr> <tr> <td>144 ft.</td> <td>144 ft.</td> <td>08/31/1950</td> </tr> <tr> <td colspan="3">Drilling Method --</td> </tr> </table>	Well Depth	Depth Completed	Date Well Completed	144 ft.	144 ft.	08/31/1950	Drilling Method --																																															
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Minnesota Unique Well No.

222531

County Pipestone
 Quad Edgerton NE
 Quad ID 43A

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING RECORD

Entry Date 04/17/1988
 Update Date 06/20/2001
 Received Date

Minnesota Statutes Chapter 103I

Well Name PIERSON, WALTER		Well Depth	Depth Completed	Date Well Completed
Township Range Dir Section Subsections Elevation		320 ft.	320 ft.	
106	44 W 12 DBCCA	Elevation Method topographic map (+/- 5 feet)		
Geological Material		Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No	
DRIFT	Color	--	From Ft. to Ft.	
SAND	BLACK	Use Domestic		
	Hardness	Casing Type Joint No Information Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No Above/Below ft.		
	From	Casing Diameter Weight Hole Diameter		
	To	Open Hole from ft. to ft.		
	319	Screen Make Type		
	320	Diameter Slot/Gauze Length Set Between		
NO REMARKS		Static Water Level		
Located by: Minnesota Geological Survey		ft. from Date Measured		
Method: Digitized - scale 1:24,000 or larger (Digitizing Table)		PUMPING LEVEL (below land surface)		
Unique Number Verification: Information from owner		ft. after hrs. pumping g.p.m.		
Input Date: 01/01/1994		Well Head Completion		
System: UTM - Nad83, Zone15, Meters		Pitless adapter manufacturer Model		
X: 253599 Y: 4876229		<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade		
		<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)		
		Grouting Information Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No		
		Nearest Known Source of Contamination		
		__feet __direction __type		
		Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No		
		Pump <input type="checkbox"/> Not Installed Date Installed		
		Manufacturer's name Model number __ HP Volts		
		Length of drop Pipe __ft. Capacity __g.p.m Type Material		
		Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No		
		Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No		
First Bedrock		Well Contractor Certification		
Last Strat sand-black		United States Geological Survey USGS		
Aquifer Quaternary Undiff.		License Business Name Lic. Or Reg. No. Name of Driller		
Depth to Bedrock ft.				
County Well Index Online Report		222531		Printed 11/5/2011
				HE-01205-07

Minnesota Unique Well No.

247815

County Pipestone
 Quad Holland
 Quad ID 64C

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING RECORD

Entry Date 06/24/1993
 Update Date 07/30/1993
 Received Date

Minnesota Statutes Chapter 103I

Well Name P-30		Well Depth	Depth Completed	Date Well Completed
Township Range Dir Section Subsections Elevation		22 ft.	22 ft.	06/21/1978
107 44 W 32 AAAABB Elevation Method		topographic map (+/- 5 feet)		
Drilling Method		Drilling Fluid		
Well Name P-30		Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Township Range Dir Section Subsections Elevation		From Ft. to Ft.		
107 44 W 32 AAAABB Elevation Method		Use Test well		
7.5 minute topographic map (+/- 5 feet)		Casing Type Joint Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No Above/Below ft.		
Geological Material	Color	Hardness	From	To
	ROAD FILL		0	4
	SILT, GRAVELLY	BROWN	4	15
	CLAY, SILTY		15	18
	TILL	DK. GRY	18	22
Casing Diameter		Weight	Hole Diameter	
Open Hole from ft. to ft.				
Screen				
Diameter		Slot/Gauze	Length	Set Between
Static Water Level				
12.3 ft. from Land surface Date Measured 06/21/1978				
PUMPING LEVEL (below land surface)				
ft. after hrs. pumping g.p.m.				
Well Head Completion				
Pitless adapter manufacturer Model				
<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade				
<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)				
Grouting Information Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No				
NO REMARKS				
Nearest Known Source of Contamination				
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Well Contractor Certification				
United States Geological Survey		USGS		
License Business Name		Lic. Or Reg. No.	Name of Driller	
First Bedrock		Aquifer		
Last Strat pebbly sand/silt/clay-gray		Depth to Bedrock ft.		
County Well Index Online Report		247815		Printed 11/5/2011
				HE-01205-07

Minnesota Unique Well No.

247816

County Pipestone
 Quad Holland
 Quad ID 64C

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING RECORD

Entry Date 06/24/1993
 Update Date 07/30/1993
 Received Date

Minnesota Statutes Chapter 103I

<p>Well Name P-32</p> <p>Township Range Dir Section Subsections Elevation 1740 ft.</p> <p>107 44 W 32 CCDBDD Elevation Method topographic map (+/- 5 feet)</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">Well Depth</td> <td style="width:33%;">Depth Completed</td> <td style="width:33%;">Date Well Completed</td> </tr> <tr> <td>45 ft.</td> <td>45 ft.</td> <td>06/21/1978</td> </tr> <tr> <td colspan="3">Drilling Method</td> </tr> <tr> <td>Drilling Fluid</td> <td colspan="2">Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td colspan="3">From Ft. to Ft.</td> </tr> <tr> <td colspan="3">Use Test well</td> </tr> <tr> <td>Casing Type</td> <td>Joint</td> <td>Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No Above/Below ft.</td> </tr> <tr> <td>Casing Diameter</td> <td>Weight</td> <td>Hole Diameter</td> </tr> <tr> <td colspan="3">Open Hole from ft. to ft.</td> </tr> <tr> <td colspan="3">Screen</td> </tr> <tr> <td>Diameter</td> <td>Slot/Gauze</td> <td>Length Set Between</td> </tr> <tr> <td colspan="3">Static Water Level</td> </tr> <tr> <td colspan="3">32 ft. from Land surface Date Measured 06/21/1978</td> </tr> <tr> <td colspan="3">PUMPING LEVEL (below land surface)</td> </tr> <tr> <td colspan="3">ft. after hrs. pumping g.p.m.</td> </tr> <tr> <td colspan="3">Well Head Completion</td> </tr> <tr> <td colspan="3">Pitless adapter manufacturer Model</td> </tr> <tr> <td colspan="3"><input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade</td> </tr> <tr> <td colspan="3"><input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)</td> </tr> <tr> <td colspan="3">Grouting Information Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td colspan="3">Nearest Known Source of Contamination</td> </tr> <tr> <td colspan="3">_feet _direction _type</td> </tr> <tr> <td colspan="3">Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td colspan="3">Pump <input type="checkbox"/> Not Installed Date Installed</td> </tr> <tr> <td colspan="3">Manufacturer's name Model number __ HP _ Volts</td> </tr> <tr> <td colspan="3">Length of drop Pipe _ft. Capacity _g.p.m Type Material</td> </tr> <tr> <td colspan="3">Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td colspan="3">Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td colspan="3">Well Contractor Certification</td> </tr> <tr> <td colspan="2">United States Geological Survey</td> <td>USGS</td> </tr> <tr> <td>License Business Name</td> <td>Lic. Or Reg. No.</td> <td>Name of Driller</td> </tr> </table>	Well Depth	Depth Completed	Date Well Completed	45 ft.	45 ft.	06/21/1978	Drilling Method			Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No		From Ft. to Ft.			Use Test well			Casing Type	Joint	Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> No Above/Below ft.	Casing Diameter	Weight	Hole Diameter	Open Hole from ft. to ft.			Screen			Diameter	Slot/Gauze	Length Set Between	Static Water Level			32 ft. from Land surface Date Measured 06/21/1978			PUMPING LEVEL (below land surface)			ft. after hrs. pumping g.p.m.			Well Head Completion			Pitless adapter manufacturer Model			<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade			<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)			Grouting Information Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No			Nearest Known Source of Contamination			_feet _direction _type			Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No			Pump <input type="checkbox"/> Not Installed Date Installed			Manufacturer's name Model number __ HP _ Volts			Length of drop Pipe _ft. Capacity _g.p.m Type Material			Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No			Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No			Well Contractor Certification			United States Geological Survey		USGS	License Business Name	Lic. Or Reg. No.	Name of Driller
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Minnesota Unique Well No.

743325

County Pipestone
 Quad Woodstock
 Quad ID 64D

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING RECORD

Entry Date 08/25/2006
 Update Date 01/30/2009
 Received Date 0

Minnesota Statutes Chapter 103I

Well Name WINSEL, MAYNARD Township Range Dir Section Subsections Elevation 1810 ft. 107 44 W 22 BCCABD Elevation Method topographic map (+/- 5 feet)		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">Well Depth</td> <td style="width:33%;">Depth Completed</td> <td colspan="2">Date Well Completed</td> </tr> <tr> <td>152 ft.</td> <td>152 ft.</td> <td colspan="2">08/15/2006</td> </tr> <tr> <td colspan="4">Drilling Method Cable Tool</td> </tr> </table>			Well Depth	Depth Completed	Date Well Completed		152 ft.	152 ft.	08/15/2006		Drilling Method Cable Tool																																																																																																																					
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Well Head Completion																																																																																																																																		
Pitless adapter manufacturer Model																																																																																																																																		
<input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade																																																																																																																																		
<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)																																																																																																																																		
NO REMARKS Located by: Minnesota Department of Health Method: GPS SA Off (averaged) Unique Number Verification: N/A Input Date: 08/02/2006 System: UTM - Nad83, Zone15, Meters X: 249894 Y: 4883366		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="4">Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td colspan="4">Grout Material: Bentonite from to ft.</td> </tr> <tr> <td colspan="4">Nearest Known Source of Contamination</td> </tr> <tr> <td colspan="4">60 feet North West direction Sewer type</td> </tr> <tr> <td colspan="4">Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td colspan="4">Pump <input type="checkbox"/> Not Installed Date Installed</td> </tr> <tr> <td colspan="4">Manufacturer's name Model number __ HP __ Volts</td> </tr> <tr> <td colspan="4">Length of drop Pipe __ ft. Capacity __ g.p.m Type Material</td> </tr> <tr> <td colspan="4">Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes</td> </tr> <tr> <td colspan="4"><input checked="" type="checkbox"/> No</td> </tr> <tr> <td colspan="4">Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</td> </tr> <tr> <td colspan="4">Well Contractor Certification</td> </tr> <tr> <td colspan="2">Joel Minnett Well Drilling</td> <td>1552</td> <td>MINETT, J.</td> </tr> <tr> <td colspan="2">License Business Name</td> <td>Lic. Or Reg. No.</td> <td>Name of Driller</td> </tr> </table>			Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Grout Material: Bentonite from to ft.				Nearest Known Source of Contamination				60 feet North West direction Sewer type				Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Pump <input type="checkbox"/> Not Installed Date Installed				Manufacturer's name Model number __ HP __ Volts				Length of drop Pipe __ ft. Capacity __ g.p.m Type Material				Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes				<input checked="" type="checkbox"/> No				Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Well Contractor Certification				Joel Minnett Well Drilling		1552	MINETT, J.	License Business Name		Lic. Or Reg. No.	Name of Driller																																																																						
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Joel Minnett Well Drilling		1552	MINETT, J.																																																																																																																															
License Business Name		Lic. Or Reg. No.	Name of Driller																																																																																																																															
First Bedrock Last Strat clay-yellow		Aquifer Quat. Buried Artes. Aquifer Depth to Bedrock ft.																																																																																																																																
County Well Index Online Report		743325		Printed 11/5/2011 HE-01205-07																																																																																																																														

Minnesota Unique Well No.

759025

County Pipestone
 Quad Edgerton NE
 Quad ID 43A

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING RECORD

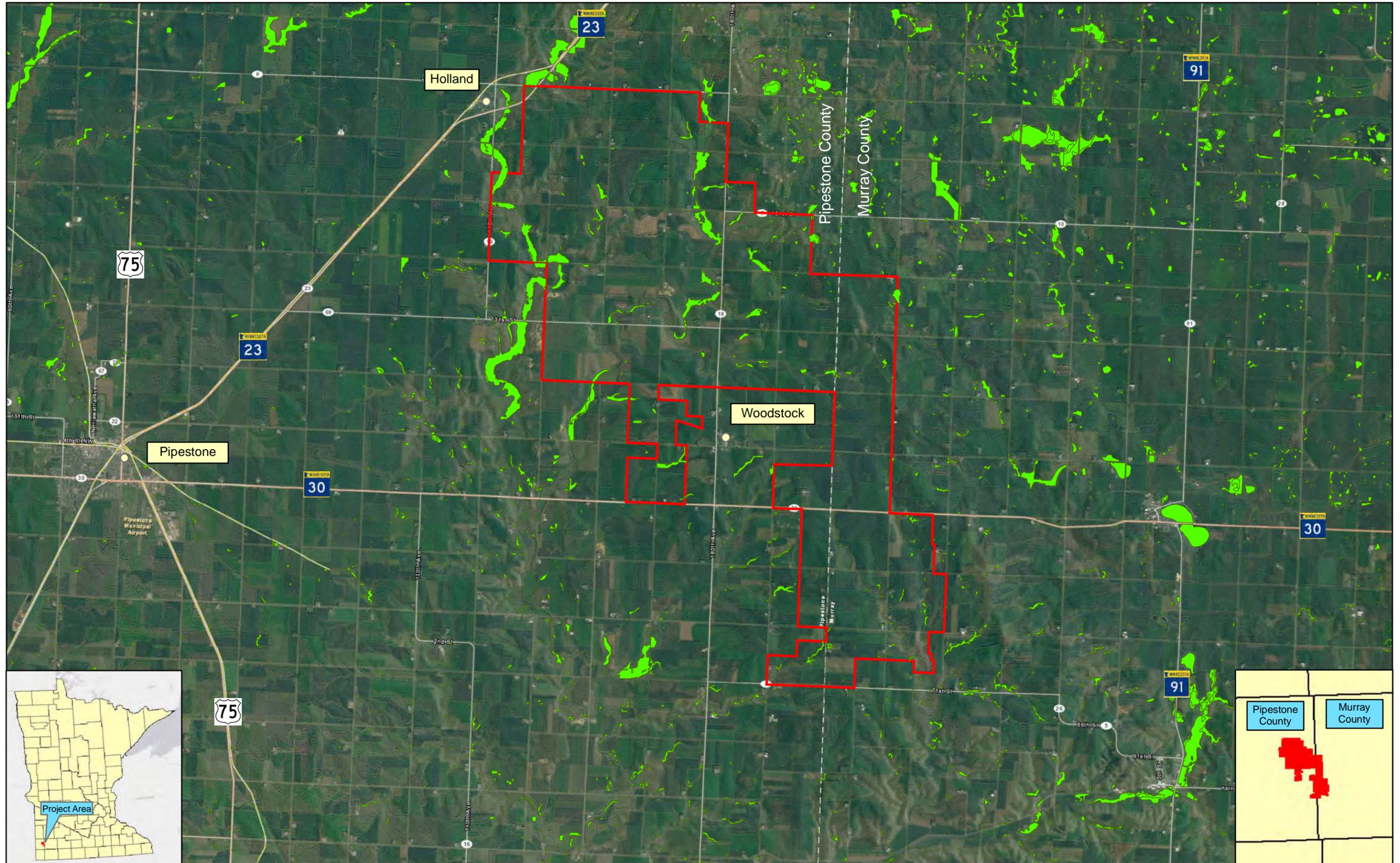
Entry Date
 Update Date 05/05/2009
 Received Date

Minnesota Statutes Chapter 103I

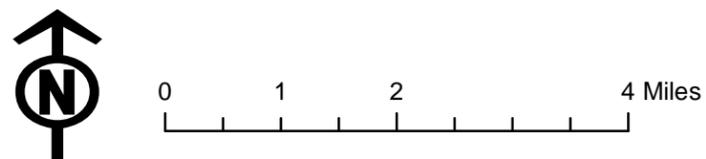
Well Name SPRONK, ARWIN Township Range Dir Section Subsections Elevation 1791 ft. 106 44 W 25 ABBAAA Elevation Method topographic map (+/- 5 feet)		Well Depth 350 ft. Depth Completed 350 ft. Date Well Completed 12/31/2008 Drilling Method Non-specified Rotary
Well Address 81ST ST WOODSTOCK MN 56186		Drilling Fluid Bentonite Well Hydrofractured? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No From Ft. to Ft. Use Other (specify in remarks)
Geological Material Color Hardness From To DIRT BLACK 0 2 CLAY YELLOW 2 38 CLAY BLUE 38 77 COARSE SAND-PEAROCK 77 78 CLAY BLUE HARD 78 125 COARSE SAND 125 126 CLAY BLUE HARD 126 178 GRITTY CLAY TAN 178 216 CLAY BLUE 216 310 SAND HARD PACKED COARSE 310 336 SAND DIRTY/COARSE 336 350		Casing Type Plastic Joint No Information Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Above/Below ft. Casing Diameter Weight Hole Diameter 5 in. to 310 ft. lbs./ft. 8.75 in. to ft. Open Hole from ft. to ft. Screen YES Make JOHNSON Type plastic Diameter Slot/Gauze Length Set Between 5 25 40 310 ft. and 350 ft.
NO REMARKS		Static Water Level 145 ft. from Land surface Date Measured 03/25/2008 PUMPING LEVEL (below land surface) 172 ft. after 2 hrs. pumping 7 g.p.m.
Located by: Minnesota Department of Health Method: Digitization (Screen) - Map (1:24,000) Unique Number Verification: N/A Input Date: 05/05/2009 System: UTM - Nad83, Zone15, Meters X: 253578 Y: 4872508		Well Head Completion Pitless adapter manufacturer MERRILL Model MCK <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)
		Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Grout Material: Bentonite from to 260 ft. 9 bags
		Nearest Known Source of Contamination 50 feet direction Septic tank/drain field type Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		Pump <input type="checkbox"/> Not Installed Date Installed 06/24/2008 Manufacturer's name AERMOTOR Model number S-02225 HP 1 Volts 230 Length of drop Pipe 260 ft. Capacity 12 g.p.m. Type Submersible Material
		Abandoned Wells Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
First Bedrock Aquifer Quat. Buried Artes. Aquifer Last Strat sand+silt Depth to Bedrock ft.		Well Contractor Certification Thein Well Co., Inc. 1337 BASORE, R. License Business Name Lic. Or Reg. No. Name of Driller
County Well Index Online Report		759025 Printed 11/7/2011 HE-01205-07

Appendix E
Wetlands Map

Stoneray Wind Energy Project - Wetland Map



Wetland data shown obtained from USFWS National Wetlands Inventory.



Legend
CONUS_wet_poly
Project Boundary



Appendix F
HIG Radius Report



Radius Report

<http://www.geo-search.net/QuickMap/index.htm?DataID=Standard0000032696>

Click on link above to access the map and satellite view of current property

Target Property:
Stoneray Wind
Pipestone County
Woodstock, Pipestone County, Minnesota 56186

Prepared For:
Historical Information Gatherers, Inc.

Order #: 14044
Job #: 32696
Project #: MBB-4143
Date: 09/20/2011

TARGET PROPERTY SUMMARY

Stoneray Wind

Pipestone County

Woodstock, Pipestone County, Minnesota 56186

USGS Quadrangle: **Edgerton North, MN**

Target Property Geometry: **Area**

Target Property Longitude(s)/Latitude(s):

(-96.044030, 43.993392), (-96.044084, 43.993392), (-96.044030, 43.993341), (-96.044030, 43.993392),
(-96.029189, 43.993321), (-96.029073, 43.986087), (-96.028287, 43.986061), (-96.028286, 43.978858),
(-96.023902, 43.978832), (-96.023977, 43.964445), (-96.029090, 43.964418), (-96.029002, 43.959098),
(-96.027917, 43.959075), (-96.027797, 43.957408), (-96.027112, 43.957427), (-96.026921, 43.954379),
(-96.033769, 43.954345), (-96.033834, 43.957118), (-96.053956, 43.957216), (-96.053963, 43.949936),
(-96.064158, 43.950021), (-96.084012, 43.950025), (-96.084007, 43.957255), (-96.074118, 43.957220),
(-96.074054, 43.961126), (-96.064202, 43.961089), (-96.064222, 43.964551), (-96.074081, 43.964589),
(-96.074138, 43.993592), (-96.084067, 43.993544), (-96.084250, 44.004371), (-96.064410, 44.004580),
(-96.064367, 44.022700), (-96.084598, 44.022754), (-96.124803, 44.022859), (-96.124707, 44.019222),
(-96.114896, 44.019243), (-96.114865, 44.015495), (-96.109467, 44.015444), (-96.109338, 44.012531),
(-96.118278, 44.014281), (-96.118179, 44.008238), (-96.114400, 44.008229), (-96.114401, 43.993665),
(-96.124488, 43.993750), (-96.134490, 43.993671), (-96.134488, 44.004638), (-96.124436, 44.004634),
(-96.124418, 44.008253), (-96.134789, 44.008278), (-96.134713, 44.022880), (-96.144855, 44.022902),
(-96.164936, 44.022942), (-96.164776, 44.037413), (-96.164780, 44.051827), (-96.184771, 44.051913),
(-96.184744, 44.066374), (-96.184731, 44.073701), (-96.174803, 44.073651), (-96.174770, 44.095396),
(-96.164702, 44.095427), (-96.144402, 44.095280), (-96.114426, 44.095331), (-96.114266, 44.088122),
(-96.104329, 44.088042), (-96.104364, 44.080783), (-96.104494, 44.073527), (-96.094330, 44.073557),
(-96.094128, 44.066283), (-96.084310, 44.066200), (-96.074289, 44.066168), (-96.074257, 44.051625),
(-96.064334, 44.051711), (-96.044245, 44.051750), (-96.044204, 44.037231), (-96.044030, 43.993392)

County/Parish Covered:

Murray (MN), Pipestone (MN)

Zipcode(s) Covered:

Edgerton MN: 56128

Holland MN: 56139

Lake Wilson MN: 56151

Pipestone MN: 56164

Ruthton MN: 56170

Woodstock MN: 56186

State(s) Covered:

MN

***Target property is located in Radon Zone 1.**

Disclaimer - The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers And independent contractors cannot be held liable For actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.

TARGET PROPERTY SUMMARY

Zone 1 areas have a predicted average indoor radon screening level greater than 4 pCi/L (picocuries per liter).

DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
<u>FEDERAL</u>				
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	AIRSAFS	0	0	Target Property
BIENNIAL REPORTING SYSTEM	BRS	0	0	Target Property
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	1	0	Target Property
EPA DOCKET DATA	DOCKETS	0	0	Target Property
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	EC	0	0	Target Property
EMERGENCY RESPONSE NOTIFICATION SYSTEM	ERNSMN	0	0	Target Property
FACILITY REGISTRY SYSTEM	FRSMN	7	2	Target Property
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRS05	0	0	Target Property
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	ICIS	0	0	Target Property
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	ICISNPDES	0	0	Target Property
MATERIAL LICENSING TRACKING SYSTEM	MLTS	0	0	Target Property
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	NPDES05	0	0	Target Property
PCB ACTIVITY DATABASE SYSTEM	PADS	0	0	Target Property
PERMIT COMPLIANCE SYSTEM	PCSR05	0	0	Target Property
CERCLIS LIENS	SFLIENS	0	0	Target Property
SECTION SEVEN TRACKING SYSTEM	SSTS	0	0	Target Property
TOXICS RELEASE INVENTORY	TRI	0	0	Target Property
TOXIC SUBSTANCE CONTROL ACT INVENTORY	TSCA	0	0	Target Property
NO LONGER REGULATED RCRA GENERATOR FACILITIES	NLRRCRAG	0	0	Target Property and Adjoining
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR FACILITIES	RCRAGR05	0	0	Target Property and Adjoining
BROWNFIELDS MANAGEMENT SYSTEM	BF	0	0	0.5000
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION & LIABILITY INFORMATION SYSTEM	CERCLIS	0	0	0.5000
LAND USE CONTROL INFORMATION SYSTEM	LUCIS	0	0	0.5000
NO FURTHER REMEDIAL ACTION PLANNED SITES	NFRAP	0	0	0.5000



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DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	NLRRCRAT	0	0	0.5000
OPEN DUMP INVENTORY	ODI	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - TREATMENT, STORAGE & DISPOSAL FACILITIES	RCRAT	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	DNPL	0	0	1.0000
DEPARTMENT OF DEFENSE SITES	DOD	0	0	1.0000
FORMERLY USED DEFENSE SITES	FUDS	0	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	NLRRCRAC	0	0	1.0000
NATIONAL PRIORITIES LIST	NPL	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	PNPL	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	RCRAC	0	0	1.0000
RECORD OF DECISION SYSTEM	RODS	0	0	1.0000
SUB-TOTAL		8	2	

STATE (MN)

PERMITTED AIR FACILITIES	AIRS	0	0	Target Property
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	1	1	Target Property
SITES WITH INSTITUTIONAL CONTROLS	IC	0	0	Target Property
SPILLS LISTING	PCASPILLS	2	0	Target Property
SOLID WASTE UTILIZATION PROJECTS	SWUP	0	0	Target Property
TIER TWO FACILITY LISTING	TIERII	1	0	Target Property
FEEDLOTS	FEEDLOT	40	1	Target Property and Adjoining
HAZARDOUS WASTE GENERATOR SITES	HWGS	2	0	Target Property and Adjoining
WATER DISCHARGE PERMITS	WDP	0	7	Target Property and Adjoining
BULK STORAGE PERMITS	BULKSTORAGE	0	0	0.2500
REGISTERED DRYCLEANING FACILITIES	CLEANERS	0	0	0.2500
REGISTERED STORAGE TANKS	UAST	0	0	0.2500



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DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
AGRICULTURAL SPILLS LISTING	AGSPILLS	3	0	0.5000
CONCENTRATED ANIMAL FEEDING OPERATIONS	CAFO	65	2	0.5000
CERCLIS SITES	CERCLIS	0	0	0.5000
CLOSED LANDFILLS	CLF	0	0	0.5000
AGRICULTURAL CONTINGENCY SITES	CONTINGENCIES	0	0	0.5000
HAZARDOUS WASTE TREATMENT STORAGE DISPOSAL SITES	HWSTSD	0	0	0.5000
REGISTERED LEAKING STORAGE TANKS	LUAST	1	0	0.5000
PETROLEUM BROWNFIELDS PROGRAM SITES	PBF	0	0	0.5000
PERMITTED BY RULE LANDFILLS	PBRLF	0	0	0.5000
POTENTIAL VOLUNTARY INVESTIGATION AND CLEANUP PROGRAM SITES	PVICP	0	0	0.5000
RECYCLING MARKETS DIRECTORY	RECYCLERS	0	0	0.5000
SITE REMEDIATION SECTION DATABASE	SRS	0	1	0.5000
OPEN SOLID WASTE FACILITIES	SWF	0	0	0.5000
UNPERMITTED DUMP SITES	UNPERMDUMPS	4	0	0.5000
VOLUNTARY INVESTIGATION AND CLEANUP PROGRAM SITES	VICP	0	0	0.5000
CONTAMINATED SOIL TREATMENT FACILITIES	CSTF	0	0	1.0000
HAZARDOUS WASTE CLEANUP SITES	HWCS	0	0	1.0000
STATE ASSESSMENT SITES	SAS	0	0	1.0000
SUPERFUND SITE INFORMATION LISTING	SF	0	1	1.0000
SUB-TOTAL		119	13	

TRIBAL

UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	USTR05	0	0	0.2500
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	LUSTR05	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	ODINDIAN	0	0	0.5000
INDIAN RESERVATIONS	INDIANRES	0	0	1.0000



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DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
SUB-TOTAL		0	0	

TOTAL		127	15	
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LOCATABLE DATABASE FINDINGS

ACRONYM	Target Property	SEARCH RADIUS (miles)	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
<u>FEDERAL</u>								
AIRSAFS		.0200	0	0	0	0	NS	0
BRS		.0200	0	0	0	0	NS	0
CDL	1	.0200	0	0	0	0	NS	1
DOCKETS		.0200	0	0	0	0	NS	0
EC		.0200	0	0	0	0	NS	0
ERNSMN		.0200	0	0	0	0	NS	0
FRSMN	7	.0200	0	0	0	0	NS	7
HMIRSR05		.0200	0	0	0	0	NS	0
ICIS		.0200	0	0	0	0	NS	0
ICISNPDES		.0200	0	0	0	0	NS	0
MLTS		.0200	0	0	0	0	NS	0
NPDES05		.0200	0	0	0	0	NS	0
PADS		.0200	0	0	0	0	NS	0
PCSR05		.0200	0	0	0	0	NS	0
SFLIENS		.0200	0	0	0	0	NS	0
SSTS		.0200	0	0	0	0	NS	0
TRI		.0200	0	0	0	0	NS	0
TSCA		.0200	0	0	0	0	NS	0
NLRRCRAG		.1250	0	0	0	0	NS	0
RCRAGR05		.1250	0	0	0	0	NS	0
BF		.5000	0	0	0	0	NS	0
CERCLIS		.5000	0	0	0	0	NS	0
LUCIS		.5000	0	0	0	0	NS	0
NFRAP		.5000	0	0	0	0	NS	0
NLRRCRAT		.5000	0	0	0	0	NS	0
ODI		.5000	0	0	0	0	NS	0
RCRAT		.5000	0	0	0	0	NS	0



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LOCATABLE DATABASE FINDINGS

ACRONYM	Target Property	SEARCH RADIUS (miles)	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
DNPL		1.000	0	0	0	0	NS	0
DOD		1.000	0	0	0	0	NS	0
FUDS		1.000	0	0	0	0	NS	0
NLRRCRAC		1.000	0	0	0	0	NS	0
NPL		1.000	0	0	0	0	NS	0
PNPL		1.000	0	0	0	0	NS	0
RCRAC		1.000	0	0	0	0	NS	0
RODS		1.000	0	0	0	0	NS	0
SUB-TOTAL	8		0	0	0	0	0	8

STATE (MN)

AIRS		.0200	0	0	0	0	NS	0
CDL	1	.0200	0	0	0	0	NS	1
IC		.0200	0	0	0	0	NS	0
PCASPILLS	2	.0200	0	0	0	0	NS	2
SWUP		.0200	0	0	0	0	NS	0
TIERII	1	.0200	0	0	0	0	NS	1
FEEDLOT	36	.1250	1	3	0	0	NS	40
HWGS	2	.1250	0	0	0	0	NS	2
WDP		.1250	0	0	0	0	NS	0
BULKSTORAGE		.2500	0	0	0	0	NS	0
CLEANERS		.2500	0	0	0	0	NS	0
UAST		.2500	0	0	0	0	NS	0
AGSPILLS	2	.5000	0	0	1	0	NS	3
CAFO	38	.5000	1	13	13	0	NS	65
CERCLIS		.5000	0	0	0	0	NS	0
CLF		.5000	0	0	0	0	NS	0
CONTINGENCIES		.5000	0	0	0	0	NS	0



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LOCATABLE DATABASE FINDINGS

ACRONYM	Target Property	SEARCH RADIUS (miles)	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
HWSTSD		.5000	0	0	0	0	NS	0
LUAST	1	.5000	0	0	0	0	NS	1
PBF		.5000	0	0	0	0	NS	0
PBRLF		.5000	0	0	0	0	NS	0
PVICP		.5000	0	0	0	0	NS	0
RECYCLERS		.5000	0	0	0	0	NS	0
SRS		.5000	0	0	0	0	NS	0
SWF		.5000	0	0	0	0	NS	0
UNPERMDUMPS	3	.5000	0	1	0	0	NS	4
VICP		.5000	0	0	0	0	NS	0
CSTF		1.000	0	0	0	0	NS	0
HWCS		1.000	0	0	0	0	NS	0
SAS		1.000	0	0	0	0	NS	0
SF		1.000	0	0	0	0	NS	0
SUB-TOTAL	86		2	17	14	0	0	119
TRIBAL								
USTR05		.2500	0	0	0	0	NS	0
LUSTR05		.5000	0	0	0	0	NS	0
ODINDIAN		.5000	0	0	0	0	NS	0
INDIANRES		1.000	0	0	0	0	NS	0
SUB-TOTAL			0	0	0	0	0	0

TOTAL	94		2	17	14	0	0	127
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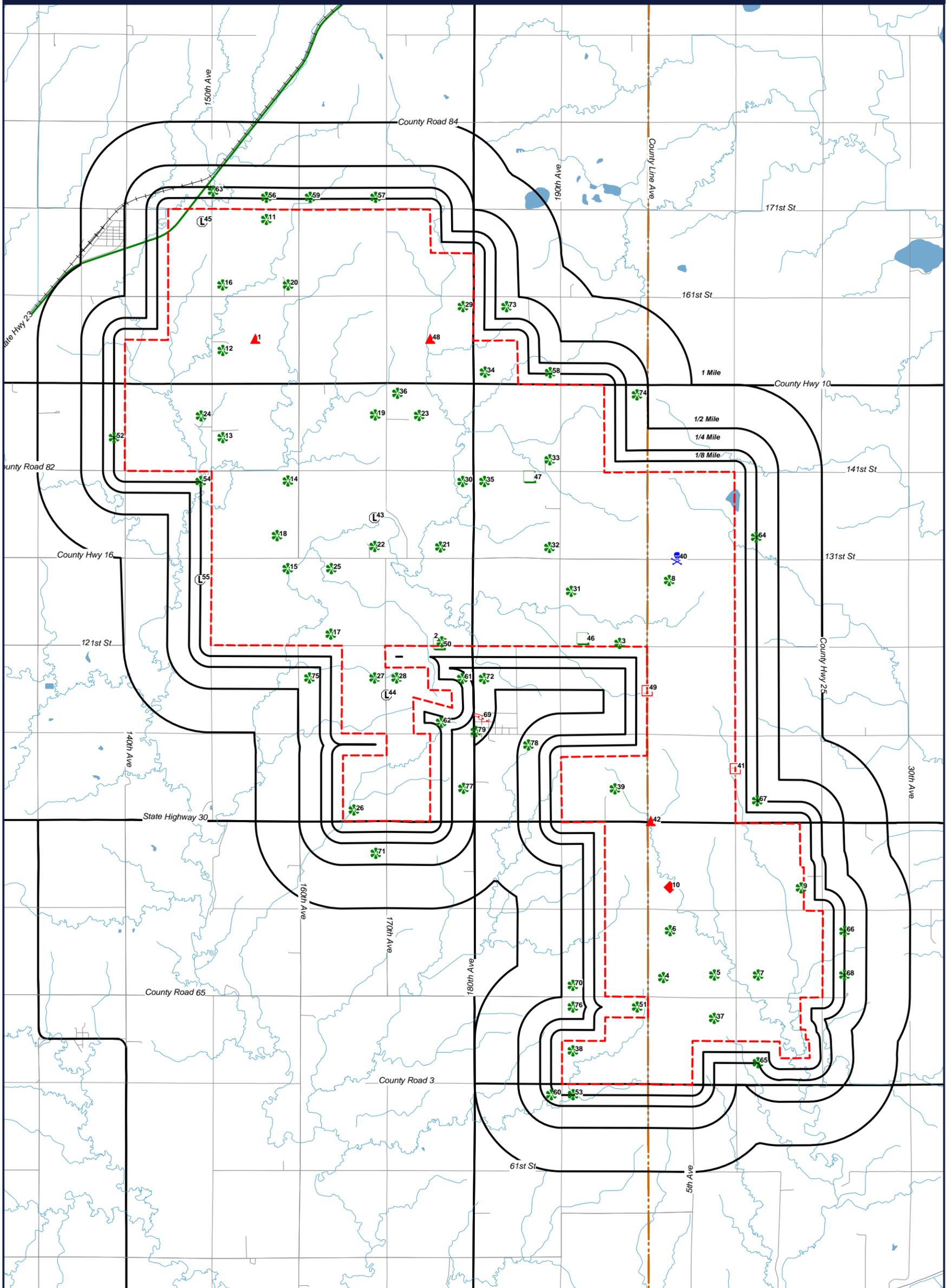
NOTES:

NS = NO SEARCH REQUESTED BY CUSTOMER



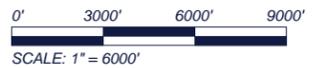
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RADIUS MAP

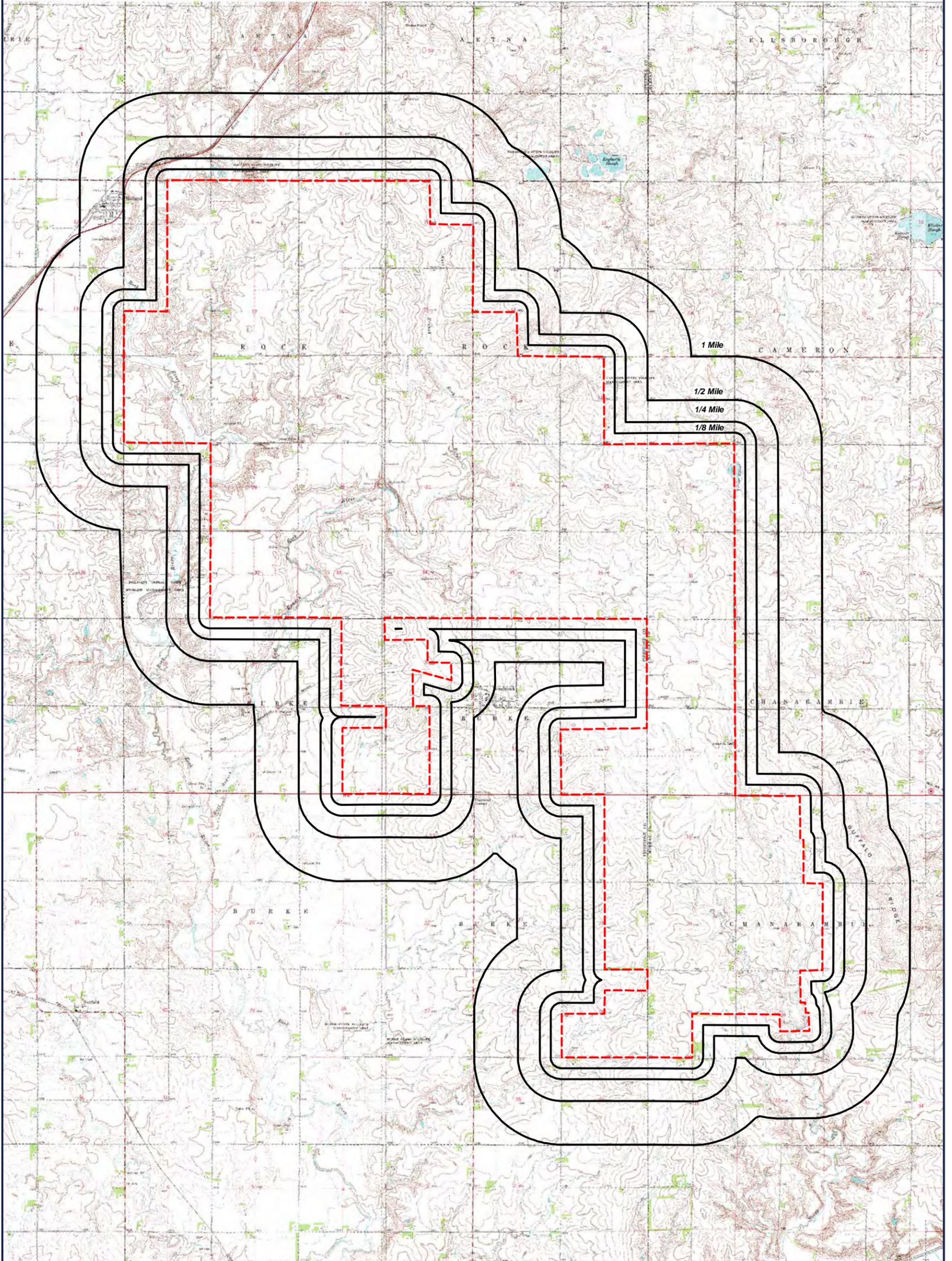


- Target Property (TP)
- ▲ AGSPILLS
- ✿ CAFO
- ◆ LUAST
- ✕ CDL
- HWGS
- ▲ PCASPILLS
- UNPERMDUMPS
- FRSMN
- AGSPILLS

Stoneray Wind
Pipestone County
Woodstock, Minnesota
56186

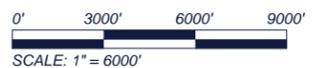


TOPOGRAPHIC MAP



Target Property (TP)

Quadrangle(s): Edgerton North,
Holland, Edgerton Ne,
Woodstock
Source: USGS, 1967
Stoneray Wind
Pipestone County
Woodstock, Minnesota
56186



REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
1	AGSPILLS	2876	0.001 NW			HOLLAND, 56139	1
2	FEEDLOT	183735	0.001 NW	WILLIAM ARNES JR FARM SEC 34	1732 121ST ST	ROCK TOWNSHIP, 56186	2
2	CAFO	117-107543	0.001 NW	WILLIAM ARNES JR. FARM - SEC 34	1732 121ST ST	WOODSTOCK, 56186	3
3	FEEDLOT	106542	0.001 NW	GARY BOEVE FARM	1970 121ST ST	ROCK TOWNSHIP, 56186	4
3	CAFO	117-85110	0.001 NW	GARY BOEVE FARM	1970 121ST ST	WOODSTOCK, 56186	5
4	FEEDLOT	98221	0.001 SW	EARL SCHULD FARM	812 COUNTY LINE AVE	WOODSTOCK, 56186	6
4	CAFO	101-77077	0.001 SW	EARL SCHULD FARM	812 COUNTY LINE AVE	WOODSTOCK, 56186	7
5	CAFO	101-108122	0.001 S	MATHY SWINE TRUST	9481ST ST	WOODSTOCK, 56186	8
6	FEEDLOT	184362	0.001 SW	ED HEARD	3 91ST ST	LAKE WILSON, 56151	9
6	CAFO	101-108123	0.001 SW	ED HEARD	3 91ST ST	LAKE WILSON, 56151	10
7	FEEDLOT	98271	0.001 S	BOB OSSEFOORT FARM	822 10TH AVE	CHANARAMBIE TOWNSHIP, 56186	11
7	CAFO	101-77128	0.001 S	BOB OSSEFOORT FARM	822 10TH AVE	WOODSTOCK, 56186	12
8	FEEDLOT	98341	0.001 N	HAROLD GILMAN FARM	65 131ST ST	CAMERON TOWNSHIP, 56186	13
8	CAFO	101-77202	0.001 N	DUANE FERGUSON FARM	65 131ST ST	WOODSTOCK, 56186	14
9	FEEDLOT	91656	0.001 SE	PAT HEARD FARM	945 20TH AVE	CHANARAMBIE TOWNSHIP, 56151	15
9	CAFO	101-68948	0.001 SE	PAT HEARD FARM	945 20TH AVE	LAKE WILSON, 56151	16
10	FEEDLOT	91657	0.001 SW	ED HEARD FARM	926 COUNTY LINE AVE	WOODSTOCK, 56186	17
10	LUAST	12036	0.001 SW	ED HEARD PROPERTY	926 COUNTY LINE AVE	WOODSTOCK, 56186	18
10	CAFO	101-68949	0.001 SW	ED HEARD FARM	926 COUNTY LINE AVE	WOODSTOCK, 56186	19
11	FEEDLOT	106547	0.001 NW	KYLE VEEN FARM	1561 171ST ST	ROCK TOWNSHIP, 56139	20
11	CAFO	117-85115	0.001 NW	KYLE VEEN FARM	1561 171ST ST	HOLLAND, 56139	21
12	FEEDLOT	106548	0.001 NW	JOHN BLANKERS FARM	1548 150TH AVE	ROCK TOWNSHIP, 56139	22
12	CAFO	117-85116	0.001 NW	JERRY BLANKERS FARM	1548 150TH AVE	HOLLAND, 56139	23
13	FEEDLOT	106549	0.001 NW	RODNEY PERLI FARM	1448 150TH AVE	ROCK TOWNSHIP, 56139	24
13	CAFO	117-85117	0.001 NW	RODNEY PERLI FARM	1448 150TH AVE	HOLLAND, 56139	25
14	FEEDLOT	106566	0.001 NW	FRED PORTZ FARM	1387 160TH AVE	BURKE TOWNSHIP, 56186	26



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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
14	CAFO	117-85134	0.001 NW	K&M ENTERPRISES	1387 160TH AVE	WOODSTOCK, 56186	27
15	FEEDLOT	106572	0.001 NW	JERRY SMITH FARM	1581 131ST ST	ROCK TOWNSHIP, 56186	28
15	CAFO	117-85140	0.001 NW	JERRY SMITH FARM	1581 131ST ST	WOODSTOCK, 56186	29
16	FEEDLOT	106577	0.001 NW	DAVE BORMAN FARM	1504 161ST ST	ROCK TOWNSHIP, 56139	30
16	CAFO	117-85145	0.001 NW	DAVE BORMAN FARM	1504 161ST ST	HOLLAND, 56139	31
17	FEEDLOT	106565	0.001 NW	LARRY FENICLE FARM	1634 121ST ST	ROCK TOWNSHIP, 56186	32
17	CAFO	117-85133	0.001 NW	LARRY FENICLE FARM	1634 121ST ST	WOODSTOCK, 56186	33
18	FEEDLOT	54333687	0.001 NW	JERRY SMITH FARM - SEC 27	1514 131ST ST	WOODSTOCK, 56186	34
18	CAFO	117-112843	0.001 NW	JERRY SMITH FARM	1514 131ST ST	WOODSTOCK, 56186	35
19	FEEDLOT	106554	0.001 NW	KEN WINSEL FARM	1465 170TH AVE	ROCK TOWNSHIP, 56186	36
19	CAFO	117-85122	0.001 NW	KEN WINSEL FARM	1465 170TH AVE	WOODSTOCK, 56186	37
20	FEEDLOT	106558	0.001 NW	MIKE PATER FARM	1582 161ST ST	ROCK TOWNSHIP, 56139	38
20	CAFO	117-85126	0.001 NW	BRIAN WINSEL FARM	1582 161ST ST	HOLLAND, 56139	39
21	FEEDLOT	106561	0.001 NW	GARY VANDERTOP FARM	1768 131ST ST	ROCK TOWNSHIP, 56186	40
21	CAFO	117-85129	0.001 NW	GARY VANDER TOP FARM	1768 131ST ST	WOODSTOCK, 56186	41
22	FEEDLOT	106567	0.001 NW	JIM PERKINS FARM	1684 131ST ST	ROCK TOWNSHIP, 56186	42
22	CAFO	117-85135	0.001 NW	CHENEY VANDER TOP FARM - SEC 28	1684 131ST ST	WOODSTOCK, 56186	43
23	FEEDLOT	106573	0.001 NW	MAYNARD WINSEL FARM	1458 170TH AVE	ROCK TOWNSHIP, 56186	44
23	CAFO	117-85141	0.001 NW	MAYNARD WINSEL FARM	1458 170TH AVE	WOODSTOCK, 56186	45
24	FEEDLOT	106576	0.001 NW	LEROY BOSMA FARM	1451 150TH AVE	ROCK TOWNSHIP, 56139	46
24	CAFO	117-85587	0.001 NW	LEROY BOSMA FARM - SEC 19	1451 150TH AVE	HOLLAND, 56139	47
25	FEEDLOT	115975	0.001 NW	BIREN FARM	1649 131ST ST	ROCK TOWNSHIP, 56186	48
25	CAFO	117-94425	0.001 NW	REID STOKESBARY FARM	1649 131ST ST	WOODSTOCK, 56186	49
26	FEEDLOT	106868	0.001 W	WILLIAM ARENS JR FARM SEC 9	1664 STATE HIGHWAY 30	BURKE TOWNSHIP, 56186	50



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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
26	CAFO	117-85436	0.001 W	WILLIAM ARENS JR FARM - SEC 9	1664 STATE HIGHWAY 30	WOODSTOCK, 56186	51
27	FEEDLOT	106874	0.001 W	WILLIAM ARENS FARM	1165 170TH AVE	BURKE TOWNSHIP, 56186	52
27	CAFO	117-85442	0.001 W	WILLIAM ARENS FARM	1165 170TH AVE	WOODSTOCK, 56186	53
28	FEEDLOT	106885	0.001 NW	WILLIAM ARENS JR FARM SEC 3	1164 170TH AVE	BURKE TOWNSHIP, 56186	54
28	CAFO	117-85453	0.001 NW	WILLIAM ARENS FARM - SEC 3	1164 170TH AVE	WOODSTOCK, 56186	55
29	FEEDLOT	106559	0.001 NW	ALVIN FRITZ FARM	1575 180TH AVE	ROCK TOWNSHIP, 56186	56
29	CAFO	117-85127	0.001 NW	MIKE FRITZ FARM	1575 180TH AVE	WOODSTOCK, 56186	57
30	FEEDLOT	106551	0.001 NW	DALE ERICKSON FARM	1387 180TH AVE	ROCK TOWNSHIP, 56186	58
30	CAFO	117-85119	0.001 NW	DALE KONTZ FARM SEC 27	1387 180TH AVE	WOODSTOCK, 56186	59
31	FEEDLOT	106552	0.001 NW	JIM KRUISSELBRINK FARM	1264 190TH AVE	ROCK TOWNSHIP, 56186	60
31	CAFO	117-85120	0.001 NW	JIM KRUISSELBRINK FARM	1264 190TH AVE	WOODSTOCK, 56186	61
32	FEEDLOT	106563	0.001 NW	RONALD ERICKSON FARM	1870 131ST ST	ROCK TOWNSHIP, 56186	62
32	CAFO	117-85131	0.001 NW	RONALD ERICKSON FARM	1870 131ST ST	WOODSTOCK, 56186	63
33	FEEDLOT	106569	0.001 NW	JOHN STROM FARM	1884 141ST ST	ROCK TOWNSHIP, 56186	64
33	CAFO	117-85137	0.001 NW	JOHN STROM FARM	1884 141ST ST	WOODSTOCK, 56186	65
34	FEEDLOT	106570	0.001 NW	ART FRITZ FARM	1526 180TH AVE	ROCK TOWNSHIP, 56186	66
34	CAFO	117-85138	0.001 NW	ART FRITZ FARM	1526 180TH AVE	WOODSTOCK, 56186	67
35	FEEDLOT	106574	0.001 NW	DARRELL FIKSE FARM	1368 180TH AVE	ROCK TOWNSHIP, 56186	68
35	CAFO	117-85142	0.001 NW	DARRELL FIKSE FARM	1368 180TH AVE	WOODSTOCK, 56186	69
36	FEEDLOT	106571	0.001 NW	KEN WINSEL FARM SEC 22	1490 170TH AVE	ROCK TOWNSHIP, 56186	70
36	CAFO	117-85586	0.001 NW	KEN WINSEL FARM SEC 22	1490 170TH AVE	WOODSTOCK, 56186	71
37	CAFO	101-89039	0.001 S	BOB OSSEFOORT FARM - SEC 30	765 10TH AVE	LAKE WILSON, 56151	72
38	FEEDLOT	115976	0.001 SW	JACK OOLMAN & MIKE POWERS FARM	726 190TH AVE	OSBORNE TOWNSHIP, 56128	73
38	CAFO	117-94426	0.001 SW	MIKE POWERS FARM	726 190TH AVE	EDGERTON, 56128	74



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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
39	FEEDLOT	106864	0.001 W	RAYMOND PIERSON FARM	1950 STATE HIGHWAY 30	BURKE TOWNSHIP, 56186	75
39	CAFO	117-85432	0.001 W	STEVE PIERSON FARM	1950 STATE HIGHWAY 30	WOODSTOCK, 56186	76
40	CDL	221754573	0.001 N		32 131ST ST	WOODSTOCK	77
40	CDL	1262	0.001 N		32 131ST ST	WOODSTOCK, 56186	78
41	FRSMN	110020633439	0.001 N	CHANARAMBIE/VIKING	1063 10TH AVE N	WOODSTOCK, 56186	79
41	HWGS	MNS000103663	0.001 N	CHANARAMBIE/VIKING	1063 10TH AVE N	WOODSTOCK, 56186	80
42	PCASPILLS	55512979	0.001 W		4 151ST ST	WOODSTOCK, 56186	81
42	TIERII	15125	0.001 W	IBERDROLA RENEWABLES - MORaine	4 151ST	WOODSTOCK, 56186	82
42	FRSMN	110028023975	0.001 W	MORaine WIND LLC	4 151TH STREET	WOODSTOCK, 56186	84
42	FRSMN	110040594489	0.001 W	MORaine II WIND LLC	4 151ST STREET	WOODSTOCK, 56186-1033	85
42	PCASPILLS	355677	0.001 W		#4 151ST ST	WOODSTOCK	86
43	UNPERMDUMPS	170976	0.001 NW	ROCK TOWNSHIP DUMP SITE	SEE LOCATION DESCRIPTION	ROCK TOWNSHIP, 56186	87
44	UNPERMDUMPS	170966	0.001 W	WOODSTOCK DUMP	SEE LOCATION DESCRIPTION	BURKE TOWNSHIP, 56186	88
45	UNPERMDUMPS	170970	0.001 NW	HOLLAND DUMP	SEE LOCATION DESCRIPTION	ROCK TOWNSHIP, 56139	89
46	FRSMN	110028022823	0.001 NW	BOEVE WINDFARM LLC	1857 141ST STREET	WOODSTOCK, 56186	90
47	FRSMN	110028025517	0.001 NW	WINDCURRENT FARMS LLC	1928 121TH STREET	WOODSTOCK, 56186	91
48	AGSPILLS	7906	0.001 NW	AERIAL BLADES		HOLLAND, 56139	92
49	FRSMN	110043204467	0.010 NW	SIEMENS ENERGY INC	1169 COUNTY LINE AVE	WOODSTOCK, 56186	93
49	HWGS	MNS000165449	0.010 NW	SIEMENS ENERGY INC	1169 COUNTY LINE AVE	WOODSTOCK, 56186	94
50	FRSMN	110028023225	0.010 NW	K-BRINK WINDFARM LLC	1731 121TH STREET	WOODSTOCK, 56186	95
51	FEEDLOT	56857891	0.120 SW	ALEX SPRONK	1971 81ST ST	BURKE TOWNSHIP, 56128	96
51	CAFO	117-114546	0.120 SW	ALEX SPRONK	1971 81ST ST	EDGERTON, 56128	97
52	FEEDLOT	106694	0.130 NW	BRIAN HOUSELOG FARM	1425 140TH AVE	GRANGE TOWNSHIP, 56139	98
52	CAFO	117-85262	0.130 NW	BRIAN HOUSELOG FARM	1425 140TH AVE	HOLLAND, 56139	99
53	FEEDLOT	106925	0.130 SW	TODD JASPER FARM	1917 71ST ST	BURKE TOWNSHIP, 56186	100
53	CAFO	117-85493	0.130 SW	TODD JASPER FARM	1917 71ST ST	EDGERTON, 56186	101



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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
54	FEEDLOT	106568	0.130 NW	KEN KOELE FARM	1385 150TH AVE	ROCK TOWNSHIP, 56139	102
54	CAFO	117-85136	0.130 NW	K & M ENTERPRISES FARM	1385 150TH AVE	HOLLAND, 56139	103
55	UNPERMDUMPS	2941	0.130 NW	PIPESTONE COUNTY SANITARY LANDFILL	SEE LOCATION DESCRIPTION	ROCK TOWNSHIP, 56164	104
56	CAFO	117-85128	0.140 NW	LOREN VEEN FARM	1562 171ST ST	HOLLAND, 56139	105
57	CAFO	117-85130	0.140 NW	GLENN VAN BOCKEL FARM	1696 171ST ST	HOLLAND, 56139	106
58	CAFO	117-85111	0.140 N	RANDY FRITZ FARM	1898 151ST ST	WOODSTOCK, 56186	107
59	CAFO	117-85125	0.140 NW	ARVIN PATER FARM	1624 171ST ST	HOLLAND, 56139	108
60	CAFO	117-85448	0.180 SW	WILLIAM SLUIS FARM	687 190TH AVE	EDGERTON, 56128	109
61	CAFO	117-85477	0.190 NW	KRUISSELBRINK FARM	1153 180TH AVE	WOODSTOCK, 56186	110
62	CAFO	117-85434	0.190 W	KAS BROTHERS - SEC 3	1770 111TH ST	WOODSTOCK, 56186	111
63	CAFO	117-85143	0.200 NW	LEROY BOSMA FARM	1738 150TH AVE	HOLLAND, 56139	112
64	CAFO	101-77136	0.250 N	GARY NESS FARM	152 131ST ST	WOODSTOCK, 56186	113
65	CAFO	101-77043	0.250 S	EUGENE VANHUEVELEN FARM	114 71ST ST	WOODSTOCK, 56186	114
66	CAFO	101-77111	0.260 SE	GRANT POST FARM	223 91ST ST	LAKE WILSON, 56151	115
67	CAFO	101-68972	0.260 NE	RUSSALL MANDERSCHIED	124 STATE HIGHWAY 30	WOODSTOCK, 56186	116
68	CAFO	101-77110	0.260 SE	GRANT POST FARM	226 81ST ST	LAKE WILSON, 56151	117
69	AGSPILLS	15244	0.270 E	FOUR COUNTY COOP		WOODSTOCK, 56186	118
70	CAFO	117-85433	0.370 SW	GREGORY VAN RULER FARM	1904 81ST ST	WOODSTOCK, 56186	119
71	CAFO	117-85443	0.380 W	STEVE TIEDEMAN FARM	973 170TH AVE	WOODSTOCK, 56186	120
72	CAFO	117-85479	0.380 NW	HOWARD KRUISSELBRINK FARM	1162 180TH AVE	WOODSTOCK, 56186	121
73	CAFO	117-85112	0.380 NW	GLEN VAN ECK FARM	1831 161ST ST	WOODSTOCK, 56186	122
74	CAFO	117-85123	0.380 N	SHANE FEY FARM	1975 151ST ST	WOODSTOCK, 56186	123
75	CAFO	117-85473	0.380 W	DEL FORD FARM	1172 160TH AVE	WOODSTOCK, 56186	124
76	CAFO	117-85446	0.390 SW	MIKE POWERS FARM	794 190TH AVE	WOODSTOCK, 56186	125
77	CAFO	117-85468	0.390 W	KAS BROTHERS - SEC 10	1039 180TH AVE	WOODSTOCK, 56186	126
78	CAFO	117-85463	0.400 W	HARVEY VANDE VOORT	1879 111TH ST	WOODSTOCK, 56186	127



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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
				FARM			
79	CAFO	117-85471	0.400 W	BRADLEY KRUISSSELBRINK FARM	121 WEST ST	WOODSTOCK, 56186	128



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

AIRSAFS Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 3/2010

The United States Environmental Protection Agency (EPA) modified the Aerometric Information Retrieval System (AIRS) to a database that exclusively tracks the compliance of stationary sources of air pollution with EPA regulations: the Air Facility Subsystem (AFS). Since this change in 2001, the management of the AIRS/AFS database was assigned to EPA's Office of Enforcement and Compliance Assurance.

BF Brownfields Management System

VERSION DATE: 8/2011

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. The United States Environmental Protection Agency maintains this database to track activities in the various brown field grant programs including grantee assessment, site cleanup and site redevelopment.

BRS Biennial Reporting System

VERSION DATE: 1/2003

The United States Environmental Protection Agency (EPA), in cooperation with the States, biennially collects information regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The Biennial Report captures detailed data on the generation of hazardous waste from large quantity generators and data on waste management practices from treatment, storage and disposal facilities. Currently, the EPA states that data collected between 1991 and 1997 was originally a part of the defunct Biennial Reporting System and is now incorporated into the RCRAInfo data system.

CDL Clandestine Drug Laboratory Locations

VERSION DATE: 5/2011

The U.S. Department of Justice ("the Department") provides this information as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments. The Department does not establish, implement, enforce, or certify compliance with clean-up or remediation standards for contaminated sites; the public should contact a state or local health department or environmental protection agency for that information.



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

CERCLIS Comprehensive Environmental Response, Compensation & Liability Information System

VERSION DATE: 6/2011

CERCLIS is the repository for site and non-site specific Superfund information in support of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). This United States Environmental Protection Agency database contains an extract of sites that have been investigated or are in the process of being investigated for potential environmental risk.

DNPL Delisted National Priorities List

VERSION DATE: 6/2011

This database includes sites from the United States Environmental Protection Agency's Final National Priorities List (NPL) where remedies have proven to be satisfactory or sites where the original analyses were inaccurate, and the site is no longer appropriate for inclusion on the NPL, and final publication in the Federal Register has occurred.

DOCKETS EPA Docket Data

VERSION DATE: 12/2005

The United States Environmental Protection Agency Docket data lists Civil Case Defendants, filing dates as far back as 1971, laws broken including section, violations that occurred, pollutants involved, penalties assessed and superfund awards by facility and location. Please refer to ICIS database as source of current data.

DOD Department of Defense Sites

VERSION DATE: 12/2005

This information originates from the National Atlas of the United States Federal Lands data, which includes lands owned or administered by the Federal government. Army DOD, Army Corps of Engineers DOD, Air Force DOD, Navy DOD and Marine DOD areas of 640 acres or more are included.

EC Federal Engineering Institutional Control Sites

VERSION DATE: 5/2011

This database includes site locations where Engineering and/or Institutional Controls have been identified as part of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. A site listing does not indicate that the institutional and engineering controls are currently in place nor will be in place once the remedy is complete; it only indicates that the decision to include either of them in the remedy is documented as of the completed date of the document. Institutional controls are actions, such as legal controls, that help minimize the potential for human exposure to contamination by ensuring appropriate land or resource use. Engineering controls include caps, barriers, or other device engineering to prevent access, exposure, or continued migration of contamination.



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

ERNSMN Emergency Response Notification System

VERSION DATE: 12/2010

This National Response Center database contains data on reported releases of oil, chemical, radiological, biological, and/or etiological discharges into the environment anywhere in the United States and its territories. The data comes from spill reports made to the U.S. Environmental Protection Agency, U.S. Coast Guard, the National Response Center and/or the U.S. Department of Transportation.

FRSMN Facility Registry System

VERSION DATE: 6/2011

The United States Environmental Protection Agency's Office of Environmental Information (OEI) developed the Facility Registry System (FRS) as the centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. The Facility Registry System replaced the Facility Index System or FINDS database.

FUDS Formerly Used Defense Sites

VERSION DATE: 8/2010

The 2009 FUDS inventory includes properties previously owned by or leased to the United States and under Secretary of Defense jurisdiction. The remediation of these properties is the responsibility of the Department of Defense.

HMIRSR05 Hazardous Materials Incident Reporting System

VERSION DATE: 5/2011

The HMIRS database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation located in EPA Region 5. Region 5 includes the following states: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.

ICIS Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 3/2010

ICIS is a case activity tracking and management system for civil, judicial, and administrative federal Environmental Protection Agency enforcement cases. ICIS contains information on federal administrative and federal judicial cases under the following environmental statutes: the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, the Emergency Planning and Community Right-to-Know Act - Section 313, the Toxic Substances Control Act, the Federal Insecticide, Fungicide, and Rodenticide Act, the Comprehensive Environmental Response, Compensation, and Liability Act, the Safe Drinking Water Act, and the Marine Protection, Research, and Sanctuaries Act.



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

ICISNPDES Integrated Compliance Information System National Pollutant Discharge Elimination System
VERSION DATE: 3/2010

In 2006, the Integrated Compliance Information System (ICIS) - National Pollutant Discharge Elimination System (NPDES) became the NPDES national system of record for select states, tribes and territories. ICIS-NPDES is an information management system maintained by the United States Environmental Protection Agency's Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. ICIS-NPDES is designed to support the NPDES program at the state, regional, and national levels.

LUCIS Land Use Control Information System
VERSION DATE: 9/2006

The LUCIS database is maintained by the U.S. Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

MLTS Material Licensing Tracking System
VERSION DATE: 2/2011

MLTS is a list of approximately 8,100 sites which have or use radioactive materials subject to the United States Nuclear Regulatory Commission (NRC) licensing requirements.

NFRAP No Further Remedial Action Planned Sites
VERSION DATE: 6/2011

This database includes sites which have been determined by the United States Environmental Protection Agency, following preliminary assessment, to no longer pose a significant risk or require further activity under CERCLA. After initial investigation, no contamination was found, contamination was quickly removed or contamination was not serious enough to require Federal Superfund action or NPL consideration.

NLRRCRAC No Longer Regulated RCRA Corrective Action Facilities
VERSION DATE: 7/2011

This database includes RCRA Corrective Action facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements.

NLRRCRAG No Longer Regulated RCRA Generator Facilities
VERSION DATE: 7/2011

This database includes RCRA Generator facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly generated hazardous waste.



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Large Quantity Generators: Generate 1,000 kg or more of hazardous waste during any calendar month; or Generate more than 1 kg of acutely hazardous waste during any calendar month; or Generate more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month; or Generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1kg of acutely hazardous waste at any time; or Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulated more than 100 kg of that material at any time.

Small Quantity Generators: Generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or Generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.

Conditionally Exempt Small Quantity Generators: Generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or Generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste; or Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste.

NLRRCRAT No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 7/2011

This database includes RCRA Non-Corrective Action TSD facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly treated, stored or disposed of hazardous waste.

NPDES05 National Pollutant Discharge Elimination System

VERSION DATE: 4/2007

Information in this database is extracted from the Water Permit Compliance System (PCS) database which is used by United States Environmental Protection Agency to track surface water permits issued under the Clean Water Act. This database includes permitted facilities located in EPA Region 5. This region includes the following states: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin. The NPDES database was collected from December 2002 until April 2007. Refer to the PCS and/or ICIS-NPDES database as source of current data.



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NPL National Priorities List

VERSION DATE: 6/2011

This database includes United States Environmental Protection Agency (EPA) National Priorities List sites that fall under the EPA's Superfund program, established to fund the cleanup of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action.

ODI Open Dump Inventory

VERSION DATE: 6/1985

The open dump inventory was published by the United States Environmental Protection Agency. An "open dump" is defined as a facility or site where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944) and which is not a facility for disposal of hazardous waste. This inventory has not been updated since June 1985.

PADS PCB Activity Database System

VERSION DATE: 11/2010

The PCB Activity Database System (PADS) is used by the United States Environmental Protection Agency to monitor the activities of polychlorinated biphenyls (PCB) handlers.

PCSR05 Permit Compliance System

VERSION DATE: 3/2010

The Permit Compliance System is used in tracking enforcement status and permit compliance of facilities controlled by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act and is maintained by the United States Environmental Protection Agency's Office of Compliance. PCS is designed to support the NPDES program at the state, regional, and national levels. This database includes permitted facilities located in EPA Region 5. This region includes the following states: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.

PNPL Proposed National Priorities List

VERSION DATE: 6/2011

This database contains sites proposed to be included on the National Priorities List (NPL) in the Federal Register. The United States Environmental Protection Agency investigates these sites to determine if they may present long-term threats to public health or the environment.



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RCRAC Resource Conservation & Recovery Act - Corrective Action Facilities

VERSION DATE: 7/2011

This database includes hazardous waste sites listed with corrective action activity in the RCRAInfo system. The Corrective Action Program requires owners or operators of RCRA facilities (or treatment, storage, and disposal facilities) to investigate and cleanup contamination in order to protect human health and the environment. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS).

RCRAGR05 Resource Conservation & Recovery Act - Generator Facilities

VERSION DATE: 7/2011

This database includes sites listed as generators of hazardous waste (large, small, and exempt) in the RCRAInfo system. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). This database includes sites located in EPA Region 5. This region includes the following states: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.

Large Quantity Generators: Generate 1,000 kg or more of hazardous waste during any calendar month; or Generate more than 1 kg of acutely hazardous waste during any calendar month; or Generate more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month; or Generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1kg of acutely hazardous waste at any time; or Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulated more than 100 kg of that material at any time.

Small Quantity Generators: Generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or Generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.

Conditionally Exempt Small Quantity Generators: Generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or Generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste; or Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous



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waste during any calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste.

RCRAT Resource Conservation & Recovery Act - Treatment, Storage & Disposal Facilities

VERSION DATE: 7/2011

This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste in the RCRAInfo system. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS).

RODS Record of Decision System

VERSION DATE: 9/2011

These decision documents maintained by the United States Environmental Protection Agency describe the chosen remedy for NPL (Superfund) site remediation. They also include site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, and scope and role of response action.

SFLIENS CERCLIS Liens

VERSION DATE: 9/2010

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which United States Environmental Protection Agency has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties. This database contains those CERCLIS sites where the Lien on Property action is complete.

SSTS Section Seven Tracking System

VERSION DATE: 12/2009

The United States Environmental Protection Agency tracks information on pesticide establishments through the Section Seven Tracking System (SSTS). SSTS records the registration of new establishments and records pesticide production at each establishment. The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) requires that production of pesticides or devices be conducted in a registered pesticide-producing or device-producing establishment. ("Production" includes formulation, packaging, repackaging, and relabeling.)



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TRI Toxics Release Inventory

VERSION DATE: 12/2009

The Toxics Release Inventory, provided by the United States Environmental Protection Agency, includes data on toxic chemical releases and waste management activities from certain industries as well as federal facilities. This inventory contains information about the types and amounts of toxic chemicals that are released each year to the air, water, and land as well as information on the quantities of toxic chemicals sent to other facilities for further waste management.

TSCA Toxic Substance Control Act Inventory

VERSION DATE: 12/2006

The Toxic Substances Control Act (TSCA) was enacted in 1976 to ensure that chemicals manufactured, imported, processed, or distributed in commerce, or used or disposed of in the United States do not pose any unreasonable risks to human health or the environment. TSCA section 8(b) provides the United States Environmental Protection Agency authority to "compile, keep current, and publish a list of each chemical substance that is manufactured or processed in the United States." This TSCA Chemical Substance Inventory contains non-confidential information on the production amount of toxic chemicals from each manufacturer and importer site.



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AGSPILLS Agricultural Spills Listing

VERSION DATE: 6/2011

This list of reported spill incidents is provided by the Minnesota Department of Agriculture (MDA). The MDA is the lead agency for response to, and cleanup of, agricultural chemical contamination (pesticides and fertilizers) in Minnesota. The MDA has grouped these spills into three categories: Old Emergencies, Small Spills and Investigations, and Investigations Boundaries. Old Emergencies represent emergencies which were closed prior to March 1, 2004. These files and the locations plotted have not been reviewed for accuracy and completeness. Small Spills and Investigations represent the location of small spills and investigations, which were closed after March 1, 2004. Investigation Boundaries represent the approximate extent of large spills and other types of facility investigations. Facility Investigations are further subdivided into the following program areas: Awaiting Prioritization Investigation files of known or potential agricultural chemical contamination that are waiting to be prioritized; Prioritized Investigation files of known or potential agricultural chemical contamination that have been prioritized and are awaiting activation; Comprehensive Facility Investigation / MERLA Investigation files of known or potential agricultural chemical contamination that have been activated in MDA's Comprehensive Facility Investigation Program or are active Superfund sites under MDA's oversight; AgVIC Investigation files of known or potential agricultural chemical contamination that have enrolled in the MDA's Agricultural Voluntary Investigation and Cleanup (AgVIC) Program; and Agricultural Chemical Emergency Response Investigation files that were reported as emergency spills of agricultural chemicals and are large enough in size to be represented by a polygon.

AIRS Permitted Air Facilities

VERSION DATE: 4/2011

This database contains facilities with air permits issued by the by the Minnesota Pollution Control Agency. These permits identify the units at each facility that generate air pollutants and, where applicable, the limits on those emissions. In some cases a permit may also authorize construction or modification of a facility.

BULKSTORAGE Bulk Storage Permits

VERSION DATE: 7/2011

The Minnesota Department of Agriculture's Licensing Information System (LIS) lists individuals or companies who hold licenses, certificates and/or permits required by state law and regulated by the Department. This database only contains those LIS licenses related to anhydrous ammonia storage facilities and bulk pesticide/ fertilizer storage facilities. Please note the data is real time and therefore constantly changing.

CAFO Concentrated Animal Feeding Operations

VERSION DATE: 11/2010

A Concentrated Animal Feeding Operation (CAFO) is any feeding operation with a capacity of



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1,000 or more animal units according to federal animal unit calculations. The Minnesota Pollution Control Agency can also define a facility with less than 1,000 animal units as a CAFO on a case-by-case basis, depending on site conditions, and if manure or process wastewater is directly discharged to waters of the state. Facilities that are CAFOs must comply with both federal regulations and state rules. Two or more feedlots under common ownership are considered a single facility if they adjoin each other or use the same manure storage or disposal system.

CDL Clandestine Drug Laboratory Locations

VERSION DATE: 4/2011

This listing of clandestine methamphetamine laboratories is provided by the Minnesota Department of Health. Each meth lab, spill or dump is a potential hazardous waste site, requiring assessment and remediation by experienced and qualified personnel. Former meth lab sites are being cleaned (or remediated) in many Minnesota communities. In these communities, the cleanups are being guided by city and county ordinances, local housing laws, and Minnesota Statute 145A, the Public Health Nuisance Statute.

CERCLIS CERCLIS Sites

VERSION DATE: 8/2011

CERCLIS sites are places that are listed in the federal Comprehensive Environmental Response, Compensation and Liability Information System. This means that they are or were suspected of being contaminated. The CERCLIS database contains information on preliminary assessments, site inspections, and cleanup activities for these sites. After CERCLIS sites are investigated, they may be elevated to state or federal Superfund lists, or it may be determined that no action is necessary. This database is provided by the Minnesota Pollution Control Agency.

CLEANERS Registered Drycleaning Facilities

VERSION DATE: 10/2010

The Minnesota Pollution Control Agency maintains this listing of registered dry cleaning facilities.

CLF Closed Landfills

VERSION DATE: 3/2011

The Minnesota Pollution Control Agency Closed Landfill Program (CLP) is a voluntary program established by the legislature in 1994 to properly close, monitor, and maintain Minnesota's closed municipal sanitary landfills. Any MPCA-permitted mixed-municipal solid waste landfill that stopped accepting mixed municipal solid waste (MMSW) by April 9, 1994, and demolition debris before May 1, 1995, can qualify for application to this program.



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CONTINGENCIES Agricultural Contingency Sites

VERSION DATE: 6/2011

The Minnesota Department of Agriculture (MDA) Incident Response Unit (IRU) is the state lead agency for the investigation and remediation of incidents involving agricultural chemicals (pesticides and fertilizer). This MDA IRU database includes sites with a soil or ground water contingency, deed restriction, local ordinance, restrictive covenant or deed affidavit in place. The accuracy of these sites can be variable. In most cases, the site boundaries should be considered as only representing the vicinity of the soil or ground water contingency area or plume.

CSTF Contaminated Soil Treatment Facilities

VERSION DATE: 8/2011

Contaminated soil treatment facilities are places that the Minnesota Pollution Control Agency (MPCA) has approved or permitted to take petroleum-contaminated soils from leak sites and provide treatment through a number of different processes. The processes include thermal treatment (usually by roasting soils at high temperatures), composting, or thin-spreading soils and allowing natural microorganisms to biodegrade the petroleum.

FEEDLOT Feedlots

VERSION DATE: 2/2011

Feedlots may be small farms or large-scale commercial livestock operations. They are places where animals are confined for feeding, breeding or holding. The Minnesota Pollution Control Agency (MPCA) and its county partners place requirements on how manure is managed at feedlots, so that it does not contaminate nearby surface water and groundwater.

HWCS Hazardous Waste Cleanup Sites

VERSION DATE: 4/2011

Soil and or groundwater cleanup under RCRA Corrective Action is conducted by the Site Remediation Division of the Minnesota Pollution Control Agency. The Hazardous Waste Treatment, Storage, or Disposal Facilities enter the RCRA corrective action program through the permitting process. Interim Status Facilities enter the RCRA Correction Action Program through a negotiated process initiated by the MPCA (these facilities at one time applied for a RCRA treatment, storage and or disposal permit, but did not complete the permitting process). Hazardous Waste Generators usually enter the RCRA remediation program through evidence of suspected releases to soil and or ground water from improper management of hazardous wastes or hazardous constituents uncovered during hazardous waste inspections conducted by state, county or city inspectors.



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HWGS Hazardous Waste Generator Sites

VERSION DATE: 6/2011

The Minnesota Pollution Control Agency (MPCA) provides this list of Hazardous Waste Generator Sites, including large quantity and small to minimal quantity generators. A large quantity generator (LQG) is a facility that generates at least 1,000 kilograms (2,200 pounds) of hazardous waste or 1 kilogram (2.2 pounds) of acutely hazardous waste per calendar month. An MPCA permit is not required for a large quantity generator, but the facility must have a current hazardous waste license. A small to minimal quantity generator is a facility that generates less than 1,000 kilograms (2,200 pounds) of hazardous waste or 1 kilogram (2.2 pounds) of acutely hazardous waste per calendar month. These facilities have less stringent rules than large quantity generators. This group includes Small Quantity Generators (SQGs), which produce 100 - 1000 kg of hazardous waste per month; Very Small Quantity Generators (VSQGs), which produce less than 100 kg of hazardous waste per month; and Conditionally Exempt Generators, which produce less than 100 kg or 10 gallons of hazardous waste per year. Like large quantity generators, SQGs and VSQGs must have current hazardous waste licenses.

HWSTSD Hazardous Waste Treatment Storage Disposal Sites

VERSION DATE: 6/2011

A hazardous waste Treatment Storage and /or Disposal facility (TSD) is any business designed to treat, store and / or dispose of hazardous waste. These facilities typically collect hazardous wastes for other businesses and treat it or dispose of it properly. TSD facilities must have valid operating permits issued by the Minnesota Pollution Control Agency (MPCA). This means that they are required to develop detailed plans to train and protect their workers and the environment.

IC Sites with Institutional Controls

VERSION DATE: 4/2011

Institutional controls are defined by Minnesota Statute, Section 115B.02, subdivision 9a, as legally enforceable restrictions, conditions, or controls on the use of real property, ground water, or surface water located at or adjacent to a facility where response actions are taken that are reasonably required to assure that the response actions are protective of public health or welfare or the environment. Institutional controls include restrictions, conditions, or controls enforceable by contract, easement, restrictive covenant, statute, ordinance, or rule, including official controls such as zoning, building codes, and official maps. An affidavit required under section 115B.16, subdivision 2, or similar notice of a release recorded with real property records is also an institutional control.

LUAST Registered Leaking Storage Tanks

VERSION DATE: 8/2011

The Minnesota Pollution Control Agency maintains this listing of leaking aboveground and underground storage tanks. Tank owners are required to immediately report a leak or spill of more



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than five gallons of petroleum, or any amount of a hazardous substance, from any tank or piping. All leaks and spills from USTs and ASTs and associated piping must be cleaned up to protect the environment and public health.

PBF Petroleum Brownfields Program Sites

VERSION DATE: 9/2010

This listing of Petroleum Brownfield Program sites is provided by the Minnesota Pollution Control Agency. The Petroleum Brownfields Program (formerly VPIC) provides the technical assistance and liability assurance needed to facilitate and expedite the development, transfer, investigation and/or cleanup of property that is contaminated with petroleum.

PBRLF Permitted By Rule Landfills

VERSION DATE: 8/2011

According to the Minnesota Pollution Control Agency, a landfill that is permitted by rule is not required to obtain an individual solid waste permit if it meets certain eligibility criteria. However, it must comply with waste management rules and regulations. Landfills may be permitted by rule if they have a small capacity and/or operate for a short period of time.

PCASPILLS Spills Listing

VERSION DATE: 8/2011

The Minnesota Pollution Control Agency's Emergency Response Team maintains this listing of reported petroleum product, hazardous substance, and/or other spills.

PVICP Potential Voluntary Investigation and Cleanup Program Sites

VERSION DATE: 4/2011

This listing of Potential Voluntary Investigation and Cleanup Program sites is provided by the Minnesota Pollution Control Agency. These potential sites have not yet entered into the VIC Program until an application has been received at the MPCA.

RECYCLERS Recycling Markets Directory

VERSION DATE: 10/2010

The Recycling Markets Directory is provided by the Minnesota Pollution Control Agency. The markets in this database accept large (commercial) quantities of materials.

SAS State Assessment Sites

VERSION DATE: 8/2011

State Assessment sites are places that Minnesota Pollution Control Agency (MPCA) Site Assessment staff have investigated because of suspected contamination. The sites investigated



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include abandoned industrial properties, small commercial businesses and publicly-owned land. (Note that petroleum-contaminated sites are investigated by MPCA Tanks and Leaks staff.) These sites may be referred to the Site Assessment program by the Voluntary Investigation and Cleanup (VIC) program, the Petroleum Remediation program, Minnesota Duty Officer reports or citizen complaints. Site Assessment staff do an initial assessment, and then determine if further action is needed. If a site poses a threat to human health or the environment, it is referred to CERCLIS, Superfund, RCRA Cleanup or VIC.

SF Superfund Site Information Listing

VERSION DATE: 4/2011

The Minnesota Pollution Control Agency's Superfund Program identifies, investigates and determines appropriate cleanup plans for abandoned or uncontrolled hazardous waste sites where a release or potential release of a hazardous substance poses a risk to human health or the environment. Superfund does not deal with Resource Conservation and Recovery Act (RCRA) sites or petroleum storage tank releases.

SRS Site Remediation Section Database

VERSION DATE: 4/2011

The Minnesota Pollution Control Agency (MPCA) is involved in remediation activities through various programs. Remediation is the process of cleaning up pollution in the soil, water or air. The pollution can result from an accidental spill or from activities that occur over a long time. This MPCA database includes remediation sites from the Superfund, Voluntary Investigation and Cleanup, Brownfields, Resource Conservation and Recovery Act, Tanks, Landfills, and Emergency Response Programs.

SWF Open Solid Waste Facilities

VERSION DATE: 4/2011

Open landfills are regulated by Minnesota Rules 7001 and 7035. They actively accept, under the terms and conditions of a Minnesota Pollution Control Agency permit, certain types of wastes for disposal. They are part of a larger and integrated collection of open solid waste management facilities that process, transfer and receive waste for disposal in Minnesota. Open landfills fall into several categories, which include: demolition, industrial, mixed municipal and municipal waste combustor ash.

SWUP Solid Waste Utilization Projects

VERSION DATE: 8/2011

According to the Minnesota Pollution Control Agency, a solid waste utilization project uses certain wastes in a new way to recycle the material instead of putting it into a landfill. An example is using tires to create furniture. The beneficial use of waste products saves landfill capacity for materials that do not have alternative uses. By using solid waste, individuals and organizations can reduce



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disposal costs, or even generate profit through the sale of materials that have a beneficial use.

TIERII Tier Two Facility Listing

VERSION DATE: 12/2010

The Minnesota Department of Public Safety's Emergency Planning and Community Right-to-Know Act Program (EPCRA) maintains this listing of Tier Two facilities which store hazardous chemicals on-site. These facilities subject to EPCRA reporting submit Tier II forms which provide information such as the Material Safety Data Sheet (MSDS) chemical or common name, emergency contact information, approximate amount of chemical stored, along with the location of the chemical at the facility.

UAST Registered Storage Tanks

VERSION DATE: 8/2011

The Registered Storage Tanks Database provides information on aboveground and underground storage tanks registered with the Minnesota Pollution Control Agency. Owners of USTs and ASTs with a capacity of 500 gallons or more which contain petroleum or hazardous substances must notify the MPCA of the existence of these tanks. Tanks not subject to notification include farm and residential motor fuel tanks less than 1,100 gallons; heating oil tanks less than 1,100 gallons; flow-through process tanks; septic tanks; and agricultural chemical tanks.

UNPERMDUMPS Unpermitted Dump Sites

VERSION DATE: 8/2011

Unpermitted dump sites are landfills that never held a valid permit from the Minnesota Pollution Control Agency (MPCA). Generally, these dumps existed prior to the permitting program established with the creation of the MPCA in 1967. These dumps are not restricted to any type of waste, but were often old farm or municipal disposal sites that accepted household waste. State assessment staff have investigated many of these dump sites.

VICP Voluntary Investigation and Cleanup Program Sites

VERSION DATE: 4/2011

The Voluntary Investigation and Cleanup (VIC) Program site listing is provided by the Minnesota Pollution Control Agency. This program encourages timely property transactions by reducing potential health or environmental risks from contamination and promoting the redevelopment of these properties.

WDP Water Discharge Permits

VERSION DATE: 1/2011

This Minnesota Pollution Control Agency (MPCA) database includes the following types of water permits: Construction Stormwater Permits, Construction Stormwater Site Subdivisions, Industrial



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Stormwater Permits, MS4 Projects, and Wastewater Dischargers. A construction stormwater permit is designed to limit pollution during and after construction by controlling the erosion associated with construction activities. A construction stormwater site subdivision is a site where a construction project with an existing stormwater permit has been sub-divided into smaller parcels. Industrial stormwater permits are designed to limit the amount of harmful contaminants that reach surface water and groundwater, by requiring good practices for storing and handling materials. A Municipal Separate Storm Sewer System (MS4) is a system of conveyances - such as gutters, ditches, city streets and storm drains - which is used as a path for stormwater. Regulated MS4s cover large areas, and are owned or operated by a public entity such as a city, county, township, watershed district or university. A wastewater discharger is a facility that generates or treats wastewater for discharge onto land or into water.

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INDIANRES Indian Reservations

VERSION DATE: 1/2000

The Department of Interior and Bureau of Indian Affairs maintains this database that includes American Indian Reservations, off-reservation trust lands, public domain allotments, Alaska Native Regional Corporations and Recognized State Reservations.

LUSTR05 Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 7/2010

This database, provided by the United States Environmental Protection Agency (EPA), contains leaking underground storage tanks on Tribal lands located in EPA Region 5. Region 5 includes the following states: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.

ODINDIAN Open Dump Inventory on Tribal Lands

VERSION DATE: 11/2006

This Indian Health Service database contains information about facilities and sites on tribal lands where solid waste is disposed of, which are not sanitary landfills or hazardous waste disposal facilities, and which meet the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944).

USTR05 Underground Storage Tanks On Tribal Lands

VERSION DATE: 8/2010

This database, provided by the United States Environmental Protection Agency (EPA), contains underground storage tanks on Tribal lands located in EPA Region 5. Region 5 includes the following states: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.



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Appendix G
Interview Logs

Pipestone County

Nov. 1, 2011 2:56 and 3:25 PM.

Call made by John Howard to Kyle, County Administrator, and Conservation and Zoning employee.

1. Are you aware of any liens or legal actions against properties within a three mile radius of Woodstock that could result in a future environmental cleanup?
 - a. No, none that I know of.
2. Are you aware of any spills of hazardous materials which could result in a future environmental cleanup?
 - a. No, not to my knowledge.
3. Are you aware of any other environmental contamination issues within the area including old meth labs, abandoned feedlots or mining activities?
 - a. [Pause of 5 seconds] No, we're monitoring and working with operations, so any concerns would be small or minor.
4. Follow-up: Do you know of any environmental concerns within a three mile radius of the town of Holland, to the northwest of Woodstock?
 - a. Um...[5 second pause] there was a Meth house near there, but it should be all cleaned up. How specific do you need to be?
 - b. John: We are most interested in the area to the south and east...
 - i. Nothing should be a problem.

Murray County

Nov. 3, 2011 11:25 AM and 3:25 PM.

Call made by John Howard to Jean of Environmental Services Office

1. Are you aware of any liens or legal actions against properties in the project area that could result in a future environmental cleanup?
 - a. You should contact the County Assessor office
 - i. Secretary in Assessor office said County will only do searches for small areas, will not look up such a large area as they are not bonded for that.
2. Are you aware of any spills of hazardous materials which could result in a future environmental cleanup?
 - a. No
3. Aware of any other environmental contamination issues including landfills, meth labs or mining activities?
 - a. Can't think of any.

Calls to participating landowners

Name: [REDACTED] Conducted by: John, 11-2-11, 10:11 AM

1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?
 - a. No
2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
 - a. No
3. Aware of any other environmental contamination issues including landfills or mining activities?
 - a. No

Name: [REDACTED] Conducted by: John, 11-2-11, disconnected phone line.

1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?
2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
3. Aware of any other environmental contamination issues including landfills or mining activities?

Name: [REDACTED] Conducted by: John, 11-3-11, 11:44 AM

1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?
 - a. No
2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
 - a. No
3. Aware of any other environmental contamination issues including landfills or mining activities?
 - a. An old dump an acre or two in size is buried on the property. Bought it after it was dump, in a low lying area, so she figures it wouldn't be a turbine site. Could not give a precise legal description but said it was roughly across the road and to the south of their farmstead. The dump site has been farmed for many years, and was apparently cleaned up.

Name: [REDACTED] Conducted by: John, no phone #

1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?
 - a.
2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
3. Aware of any other environmental contamination issues including landfills or mining activities?

Name: [REDACTED] Conducted by: John, left message, talked 11-2-11, 11:06 AM

1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?
 - a. No, I don't think so. There is a wind turbine, but they should be able to see that.
2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
 - a. No
3. Aware of any other environmental contamination issues including landfills or mining activities?
 - a. No, there is nothing out there.

Name: [REDACTED] Conducted by: John, left message, 11-2-11, spoke 4:34 pm

1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?
 - a. No, not that I know of
2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
 - a. No [firmly spoken]
3. Aware of any other environmental contamination issues including landfills or mining activities?
 - a. No, no

Name: [REDACTED] Conducted by: John, 11-2-11, 10:30 AM

1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?
 - a. No, no
2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
 - a. No
3. Aware of any other environmental contamination issues including landfills or mining activities?
 - a. That hasn't happened

Name: [REDACTED] residence Conducted by: John, 11-2-11, 5:12 PM

1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?
 - a. None
2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
 - a. No, just farmland
3. Aware of any other environmental contamination issues including landfills or mining activities?
 - a. No

Name: [REDACTED] Conducted by: John, no phone #

1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?
 - a.
2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
3. Aware of any other environmental contamination issues including landfills or mining activities?

Name: [REDACTED] Conducted by: John, left message, 11-2-11, spoke 4:20 PM

1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?
 - a. No
2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
 - a. No
3. Aware of any other environmental contamination issues including landfills or mining activities?
 - a. Not at all

Name: [REDACTED] Conducted by: John, called and left message

1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?
 - a.
2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
3. Aware of any other environmental contamination issues including landfills or mining activities?

Name: [REDACTED] Conducted by: John, 11-2-11, 10:41 AM

1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?

- a. no
- 2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
 - a. No
- 3. Aware of any other environmental contamination issues including landfills or mining activities?
 - a. Not to my knowledge

Name: [REDACTED] Conducted by: John, left message, 11-2-11, talked 3:40 PM

- 1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?
 - a. No
- 2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
 - a. No
- 3. Aware of any other environmental contamination issues including landfills or mining activities?
 - a. No, no, no

Name: [REDACTED] Conducted by: John, 11-2-11, 10:49 AM

- 1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?
 - a. No
- 2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
 - a. No
- 3. Aware of any other environmental contamination issues including landfills or mining activities?
 - a. No, none

Name: [REDACTED] no phone #

- 1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?
 - a.
- 2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
- 3. Aware of any other environmental contamination issues including landfills or mining activities?

Name: [REDACTED] disconnected #

- 1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?
 - a.

2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
3. Aware of any other environmental contamination issues including landfills or mining activities?

Name: [REDACTED] Conducted by: John, left message 11-2-11, talked 4:25 PM

1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?
 - a. No
2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
 - a. No
3. Aware of any other environmental contamination issues including landfills or mining activities?
 - a. Nope

Name: [REDACTED]) Conducted by: John, left message 11-2-11

1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?
 - a.
2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
3. Aware of any other environmental contamination issues including landfills or mining activities?

Name: [REDACTED] Conducted by: John, left message 11-2-11

1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?
 - a.
2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
3. Aware of any other environmental contamination issues including landfills or mining activities?

Name: [REDACTED] Conducted by: John, 11-2-11, 11:02 AM

1. Aware of any liens or legal actions against your property that could result in a future environmental cleanup?
 - a. N
2. Aware of any spills of hazardous materials which could result in a future environmental cleanup?
 - a. Not that I know of
3. Aware of any other environmental contamination issues including landfills or mining activities?
 - a. No