Appendix B – Data Source Methodology

Factors	Importance	Dataset	Date Available
Area of site	1		available
Slope (percent)	1	2003	available
Wetlands (acreage)	3	late 1980s	available
Current vegetation (competition)	3	2010	available
Streams (distance to closest)	3	2003	available
Landowners (number, number of companies)	2		Not available at current time
Landowners (leases?)	2		
Number of parcels	2		Not available at current time
Moisture index	2	2003	available
Acid Mine Drainage (acres)	3	1995	available
Abandoned mine land presence/amount/adjacency	2		
Mine permit status (released/active/etc)	1		
Soil types	2	varies	available
Aspect	1	2003	available
Ecological land units (ELUs)	3	2003	available
Highway (distance to closest, miles)	1	2003	available

Paved roads (distance to closest, miles)	1	2003	available
Ethanol facilities (distance, miles)	2		unknown
Railways (distance to closest, miles)	1	2005	available
Intermediate stockpile/processing locations (distance to closest, miles)	3		unknown
Population (within 15 minutes)		2000/2010/ 2011	1-2 months
Population (within 30 minutes)		2000/2010/ 2011	1-2 months
Population (within 60 minutes)		2000/2010/ 2011	1-2 months
Nearest town/city (distance in miles) via road network	2	2000	available
Roads (distance to adequate road infrastructure)	2	2011	available
Wind speed data	1		unknown
Site configuration (shape)	3		unknown
Forest fragmentation	3	2010	1-2 months
Power plants (distance to closest)	2	2003	available
Power lines (distance to closest)	2	2003	available
substations (distance to closest)	2		
Development/structures (distance to closest)	4	2003	available

Sunny days per year	3	2008	1-2 months
Water supply (distance to) municipal	3		1-2 months
Precipitation (annual average)	3		available
Bedrock, depth to	3		available
Wells, distance to	3		available
Rock formations	3		available
Market proximity	3		unknown