

Number Three Wind Farm

Case 16-F-0328

Project Area Soils as Reported by National Web Soil Survey

Map unit symbol	Map unit name	Acres in AOI ¹	% of AOI	%Clay	%Sand	%Silt	Surface Texture	% Organic Matter	pH	Drainage Class	Repr %Slope ²	Flooding Frequency(3)	Depth to water table (cm)	Construction Suitability(4)	Frost Action(5)	Frost Free Days(6)
AcA	Alden silt loam, 0 to 3 percent slopes	265	1.6%	22	26	52	Silt loam	7.0	6.2	Very poorly drained	2	None	0	Very limited	High	130
AdA	Fluvaquents-Udifluvents complex, frequently flooded	123	0.8%	14	30.4	55.6	Gravelly silt loam	2.5	5.9	Poorly drained	2	Frequent	0	Very limited	High	130
AeB	Farmington loam, 2 to 8 percent slopes	259	1.6%	14	30.4	55.6	Silt loam	4.0	6.2	Somewhat excessively drained	5	None	>200	Very limited	Moderate	130
AfA	Galway loam, 0 to 3 percent slopes	163	1.0%	12	45	43	Loam	4.0	6.5	Well drained	2	None	87	Somewhat limited	Moderate	130
AfB	Galway loam, 3 to 8 percent slopes	688	4.3%	12	45	43	Loam	4.0	6.5	Well drained	6	None	87	Somewhat limited	Moderate	130
AgA	Amenia loam, 0 to 3 percent slopes	228	1.4%	12	45	43	Loam	4.0	6.7	Moderately well drained	2	None	69	Somewhat limited	Moderate	130
AgB	Amenia loam, 3 to 8 percent slopes	1,628	10.1%	12	45	43	Loam	4.0	6.7	Moderately well drained	6	None	69	Somewhat limited	Moderate	130
BaA	Fonda silty clay loam, 0 to 2 percent slopes	81	0.5%	24	21.3	54.7	Silt loam	7.0	6.7	Very poorly drained	1	None	0	Very limited	High	130
BdA	Buxton silt loam, 0 to 2 percent slopes	61	0.4%	24	21.3	54.7	Silt loam	5.5	5.5	Moderately well drained	4	None	69	Somewhat limited	High	130
BeB	Belgrade very fine sandy loam, 0 to 6 percent slopes	8	0.0%	10	63.8	26.2	Very fine sandy loam	3.0	5.9	Moderately well drained	5	None	77	Somewhat limited	High	130
CaA	Camroden silt loam, 0 to 3 percent slopes	152	0.9%	22	26	52	Silt loam	7.5	5.0	Somewhat poorly drained	2	None	30	Very limited	High	130
CaB	Camroden silt loam, 3 to 8 percent slopes	980	6.1%	22	26	52	Silt loam	7.5	5.0	Somewhat poorly drained	5	None	30	Very limited	High	130
CaC	Camroden silt loam, 8 to 15 percent slopes	20	0.1%	22	26	52	Silt loam	7.5	5.0	Somewhat poorly drained	12	None	30	Very limited	High	130
CbA	Hamlin silt loam, 0 to 2 percent slopes	5	0.0%	12	20.7	67.3	Silt loam	4.0	6.2	Well drained	1	Occasional	137	Very limited	High	130
ChA	Colton loamy fine sand, 0 to 3 percent slopes	9	0.1%	5	78.6	16.4	Gravelly loamy fine sand	5.5	4.8	Excessively drained	2	None	>200	Not limited	Low	130
ChB	Colton loamy fine sand, 3 to 8 percent slopes	2	0.0%	5	78.6	16.4	Gravelly loamy fine sand	5.5	4.8	Excessively drained	6	None	>200	Somewhat limited	Low	130
DcB	Duane silt loam, 0 to 5 percent slopes	27	0.2%	5	78.5	16.5	Very gravelly loamy sand	5.5	4.8	Moderately well drained	3	None	54	Somewhat limited	Low	130
EaA	Teel silt loam, 0 to 2 percent slopes	106	0.7%	12	20.7	67.3	Silt loam	4.0	6.2	Moderately well drained	1	Occasional	54	Very limited	High	130
FaA	Fonda silt loam, 0 to 3 percent slopes	246	1.5%	24	21.3	54.7	Silt loam	7.0	6.7	Very poorly drained	2	None	0	Very limited	High	130
GbA	Marcy silt loam, 0 to 3 percent slopes	7	0.0%	22	26	52	Silt loam	7.5	6.2	Poorly drained	2	None	8	Very limited	High	130
GcB	Galen fine sandy loam, 0 to 6 percent slopes	7	0.0%	10	68.5	21.5	Fine sandy loam	3.0	6.2	Moderately well drained	3	None	54	Somewhat limited	Moderate	130
GeA	Herkimer silt loam, 0 to 3 percent slopes	1	0.0%	12	32.1	55.9	Gravelly silt loam	5.0	6.2	Well drained	2	None	>200	Not limited	Moderate	130

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GfA	Atherton silt loam, 0 to 5 percent slopes	270	1.7%	22	26	52	Silt loam	7.0	6.2	Very poorly drained	2	None	0	Very limited	High	130
GhB	Pittsfield fine sandy loam, 3 to 8 percent slopes	1	0.0%	12	45	43	Loam	4.0	5.9	Well drained	6	None	>200	Somewhat limited	Moderate	130
GhC	Pittsfield fine sandy loam, 8 to 15 percent slopes	1	0.0%	12	45	43	Loam	4.0	5.9	Well drained	12	None	>200	Very limited	Moderate	130
GkC	Charlton fine sandy loam, 8 to 15 percent slopes, stony	1	0.0%	10	68.5	21.5	Fine sandy loam	3.5	5.3	Well drained	12	None	>200	Very limited	Low	130
GmD	Charlton sandy loam, 15 to 25 percent slopes, stony	1	0.0%	10	68.5	21.5	Fine sandy loam	3.5	5.3	Well drained	20	None	>200	Very limited	Low	130
GoD	Charlton and Paxton fine sandy loams, 15 to 35 percent slopes, very stony	4	0.0%	10	68.5	21.5	Fine sandy loam	3.5	5.3	Well drained	25	None	61	Very limited	Moderate	130
GrA	Granby fine sandy loam, 0 to 2 percent slopes	6	0.0%	10	68.5	21.5	Mucky fine sandy loam	5.0	6.5	Very poorly drained	1	None	0	Very limited	Moderate	130
HaC	Hartland very fine sandy loam, 6 to 12 percent slopes	3	0.0%	10	63.8	26.2	Very fine sandy loam	5.0	6.5	Well drained	9	None	>200	Very limited	High	130
HbA	Herkimer silt loam, 0 to 3 percent slopes	202	1.3%	12	32.1	55.9	Channery silt loam	5.0	6.2	Well drained	2	None	>200	Not limited	Moderate	130
HbB	Herkimer silt loam, 3 to 8 percent slopes	48	0.3%	12	32.1	55.9	Channery silt loam	5.0	6.2	Well drained	6	None	>200	Somewhat limited	Moderate	130
HbC	Herkimer silt loam, 8 to 15 percent slopes	18	0.1%	12	32.1	55.9	Channery silt loam	5.0	6.2	Well drained	12	None	>200	Very limited	Moderate	130
HbD	Herkimer silt loam, 15 to 25 percent slopes	4	0.0%	12	32.1	55.9	Channery silt loam	5.0	6.2	Well drained	20	None	>200	Very limited	Moderate	130
HcA	Herkimer silt loam, 0 to 3 percent slopes	20	0.1%	12	32.1	55.9	Channery silt loam	5.0	6.2	Well drained	2	None	>200	Not limited	Moderate	130
HcB	Herkimer silt loam, 3 to 8 percent slopes	42	0.3%	12	32.1	55.9	Channery silt loam	5.0	6.2	Well drained	6	None	>200	Somewhat limited	Moderate	130
HdB	Merrimac sandy loam, 3 to 8 percent slopes	0	0.0%	10	68.5	21.5	Fine sandy loam	3.0	4.8	Somewhat excessively drained	6	None	>200	Somewhat limited	Low	130
HdC	Merrimac sandy loam, 8 to 15 percent slopes	0	0.0%	10	68.5	21.5	Fine sandy loam	3.0	4.8	Somewhat excessively drained	12	None	>200	Very limited	Low	130
HeA	Homer silt loam, 0 to 3 percent slopes	223	1.4%	10	68.5	21.5	Fine sandy loam	2.0	6.2	Somewhat poorly drained	2	None	61	Somewhat limited	High	130
HeB	Homer silt loam, 3 to 8 percent slopes	68	0.4%	10	68.5	21.5	Fine sandy loam	2.0	6.2	Somewhat poorly drained	6	None	61	Somewhat limited	High	130
HfB	Homer silt loam, 3 to 10 percent slopes	19	0.1%	10	68.5	21.5	Fine sandy loam	2.0	6.2	Somewhat poorly drained	6	None	61	Somewhat limited	High	130
HgB	Howard loam, 3 to 8 percent slopes	7	0.0%	17	43.3	39.7	Loam	4.0	6.2	Well drained	6	None	>200	Somewhat limited	Moderate	130
HhD	Howard and Kars soils, 15 to 35 percent slopes	40	0.3%	17	43.3	39.7	Gravelly loam	4.0	6.5	Well drained	25	None	>200	Very limited	Moderate	130

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HkB	Dunkirk silt loam, 0 to 6 percent slopes	5	0.0%	22	11.2	66.8	Silt loam	4.5	6.2	Well drained	3	None	>200	Not limited	High	130
IaA	Ilion silt loam, 0 to 3 percent slopes	279	1.7%	22	26	52	Silt loam	5.5	6.5	Poorly drained	2	None	0	Very limited	High	130
IaB	Ilion silt loam, 3 to 8 percent slopes	167	1.0%	22	26	52	Silt loam	5.5	6.5	Poorly drained	6	None	0	Very limited	High	130
JaA	Minoa fine sandy loam, 0 to 3 percent slopes	13	0.1%	10	68.5	21.5	Fine sandy loam	4.5	6.2	Somewhat poorly drained	2	None	31	Very limited	High	130
KaA	Kars gravelly loam, 0 to 3 percent slopes	6	0.0%	17	43.3	39.7	Gravelly loam	3.5	6.5	Somewhat excessively drained	2	None	>200	Not limited	Moderate	130
KaB	Kars gravelly loam, 3 to 8 percent slopes	20	0.1%	17	43.3	39.7	Gravelly loam	3.5	6.5	Somewhat excessively drained	6	None	>200	Somewhat limited	Moderate	130
KaC	Kars gravelly loam, 8 to 15 percent slopes	14	0.1%	17	43.3	39.7	Gravelly loam	3.5	6.5	Somewhat excessively drained	12	None	>200	Very limited	Moderate	130
KbA	Kendaia silt loam, 0 to 3 percent slopes	743	4.6%	22	26	52	Silt loam	6.5	6.5	Somewhat poorly drained	2	None	31	Very limited	High	130
KbB	Kendaia silt loam, 3 to 8 percent slopes	88	0.5%	22	26	52	Silt loam	6.5	6.5	Somewhat poorly drained	6	None	31	Very limited	High	130
KcA	Tuller silt loam, 0 to 3 percent slopes, loamy	276	1.7%	14	30.4	55.6	Channery silt loam	6.5	4.8	Somewhat poorly drained	2	None	23	Very limited	High	130
KcB	Tuller silt loam, 3 to 8 percent slopes, loamy	2	0.0%	14	30.4	55.6	Channery silt loam	6.5	4.8	Somewhat poorly drained	6	None	23	Very limited	High	130
LaA	Lodder silt loam, 0 to 3 percent slopes, fan	43	0.3%	22	26	52	Silt loam	2.0	6.2	Moderately well drained	2	Occasional	84	Very limited	High	130
LcA	Lyons silt loam, 0 to 3 percent slopes	244	1.5%	22	26	52	Silt loam	9.0	6.5	Very poorly drained	2	None	0	Very limited	High	130
LdA	Angola silt loam, 0 to 3 percent slopes	49	0.3%	22	26	52	Silt loam	4.5	6.7	Somewhat poorly drained	2	None	31	Very limited	High	130
MaA	Canandaigua silt loam, 0 to 2 percent slopes	45	0.3%	22	11.2	66.8	Silt loam	9.5	7.0	Poorly drained	1	None	0	Very limited	High	130
McA	Manheim silt loam, 0 to 3 percent slopes	65	0.4%	22	26	52	Silt loam	4.5	6.5	Somewhat poorly drained	2	None	31	Very limited	High	130
McB	Manheim silt loam, 3 to 8 percent slopes	307	1.9%	22	26	52	Silt loam	4.5	6.5	Somewhat poorly drained	6	None	31	Very limited	High	130
MdC	Manlius silt loam, 8 to 15 percent slopes	53	0.3%	14	30.4	55.6	Channery silt loam	3.0	4.8	Well drained	12	None	>200	Very limited	Moderate	130
MdD	Manlius silt loam, 15 to 35 percent slopes	22	0.1%	14	30.4	55.6	Channery silt loam	3.0	4.8	Well drained	25	None	>200	Very limited	Moderate	130
MeA	Marcy silt loam, 0 to 3 percent slopes	403	2.5%	22	26	52	Silt loam	7.5	6.2	Poorly drained	2	None	8	Very limited	High	130

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MeB	Marcy silt loam, 3 to 8 percent slopes	49	0.3%	22	26	52	Silt loam	7.5	6.2	Poorly drained	6	None	8	Very limited	High	130
MgB	Mohawk silt loam, 2 to 8 percent slopes	201	1.2%	22	26	52	Silt loam	6.0	6.5	Well drained	5	None	87	Somewhat limited	Moderate	130
MgC	Mohawk silt loam, 8 to 15 percent slopes	110	0.7%	22	26	52	Silt loam	6.0	6.5	Well drained	12	None	87	Very limited	Moderate	130
MgD	Mohawk silt loam, 15 to 25 percent slopes	7	0.0%	22	26	52	Silt loam	6.0	6.5	Well drained	20	None	87	Very limited	Moderate	130
NaE	Nellis loam, 25 to 35 percent slopes	57	0.4%	12	45	43	Loam	4.0	6.5	Well drained	30	None	>200	Very limited	Moderate	130
NbB	Farmington loam, 0 to 8 percent slopes	693	4.3%	14	30.4	55.6	Silt loam	4.0	6.2	Somewhat excessively drained	4	None	>200	Very limited	Moderate	130
NbC	Farmington loam, 8 to 15 percent slopes	57	0.4%	14	30.4	55.6	Silt loam	4.0	6.2	Somewhat excessively drained	12	None	>200	Very limited	Moderate	130
NbD	Farmington loam, 15 to 25 percent slopes	10	0.1%	14	30.4	55.6	Silt loam	4.0	6.2	Somewhat excessively drained	20	None	>200	Very limited	Moderate	130
NcB	Galway loam, 2 to 8 percent slopes	771	4.8%	12	45	43	Loam	4.0	6.5	Well drained	5	None	87	Somewhat limited	Moderate	130
NcC	Galway loam, 8 to 15 percent slopes	141	0.9%	12	45	43	Loam	4.0	6.5	Well drained	12	None	87	Very limited	Moderate	130
NdD	Galway loam, 15 to 25 percent slopes	170	1.1%	12	45	43	Loam	4.0	6.5	Well drained	20	None	87	Very limited	Moderate	130
NeB	Nellis loam, 2 to 8 percent slopes	1,343	8.3%	12	45	43	Loam	4.0	6.5	Well drained	5	None	>200	Somewhat limited	Moderate	130
NeC	Nellis loam, 8 to 15 percent slopes	374	2.3%	12	45	43	Loam	4.0	6.5	Well drained	12	None	>200	Very limited	Moderate	130
NfC	Rock outcrop-Farmington complex, 3 to 15 percent slopes	29	0.2%	0	0	100	Unweathered bedrock	0.0	0.0	0	9	None	>200	Not rated	0	130
NfD	Rock outcrop-Farmington complex, 15 to 35 percent slopes	192	1.2%	0	0	100	Unweathered bedrock	0.0	0.0	0	25	None	>200	Not rated	0	130
NgC	Nellis loam, 3 to 15 percent slopes, very stony	18	0.1%	12	45	43	Very stony loam	4.0	6.5	Well drained	9	None	>200	Very limited	Moderate	130
NgD	Nellis loam, 15 to 35 percent slopes, very stony	20	0.1%	12	45	43	Very stony loam	4.0	6.5	Well drained	25	None	>200	Very limited	Moderate	130
PaA	Peat and Muck, shallow	5	0.0%	10	60	30	Muck	92.5	0.0	Very poorly drained	1	None	0	Very limited	High	130
PbA	Peat and Muck, deep	220	1.4%	10	60	30	Muck	84.5	0.0	Very poorly drained	1	None	0	Very limited	High	130
PcB	Plainfield fine sandy loam, 3 to 8 percent slopes	66	0.4%	2	96.5	1.5	Sand	1.3	6.2	Excessively drained	6	None	>200	Somewhat limited	Low	130
PcC	Plainfield fine sandy loam, 8 to 15 percent slopes	46	0.3%	2	96.5	1.5	Sand	1.3	6.2	Excessively drained	12	None	>200	Very limited	Low	130
PeB	Pinckney silt loam, 3 to 8 percent slopes	156	1.0%	12	32.1	55.9	Silt loam	5.5	5.3	Well drained	6	None	>200	Very limited	Moderate	130
PeC	Pinckney silt loam, 8 to 15 percent slopes	78	0.5%	12	32.1	55.9	Silt loam	5.5	5.3	Well drained	12	None	>200	Very limited	Moderate	130

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PeD	Pinckney silt loam, 15 to 25 percent slopes	6	0.0%	12	32.1	55.9	Silt loam	5.5	5.3	Well drained	20	None	>200	Very limited	Moderate	130
PeE	Pinckney silt loam, 25 to 35 percent slopes	1	0.0%	12	32.1	55.9	Silt loam	5.5	5.3	Well drained	30	None	>200	Very limited	Moderate	130
PfE	Pinckney silt loam, 15 to 35 percent slopes, eroded	21	0.1%	12	32.1	55.9	Silt loam	5.5	5.3	Well drained	25	None	>200	Very limited	Moderate	130
PhB	Lansing silt loam, 3 to 8 percent slopes	382	2.4%	22	26	52	Gravelly silt loam	4.5	6.2	Well drained	6	None	>200	Somewhat limited	Moderate	130
PhC	Lansing silt loam, 8 to 15 percent slopes	167	1.0%	22	26	52	Gravelly silt loam	4.5	6.2	Well drained	12	None	>200	Very limited	Moderate	130
PhD	Lansing silt loam, 15 to 25 percent slopes	55	0.3%	22	26	52	Gravelly silt loam	4.5	6.2	Well drained	20	None	>200	Very limited	Moderate	130
RaB	Rhinebeck silt loam, 1 to 6 percent slopes	82	0.5%	24	21.3	54.7	Silt loam	5.0	6.2	Somewhat poorly drained	4	None	31	Very limited	High	130
RaC	Hudson silt loam, 6 to 12 percent slopes	5	0.0%	24	21.3	54.7	Silt loam	4.5	6.2	Moderately well drained	9	None	54	Very limited	High	130
RdA	Fluvaquents and Udifluvents complex, frequently flooded	2	0.0%	18	84.1	-2.1	Gravelly silt loam	6.5	5.9	Moderately well drained	4	Frequent	0	Very limited	High	130
ReE	Rock outcrop-Paxton complex	6	0.0%	10	68.5	21.5	Fine sandy loam	3.5	5.3	Well drained	30	None	61	Not rated	0	130
RgE	Rock outcrop, 45 to 70 percent slopes	152	0.9%	0	0	100	Unweathered bedrock	0.0	0.0	0	58	None	>200	Not rated	0	130
SdA	Scantic silty clay loam, 0 to 3 percent slopes	466	2.9%	37	18.6	44.4	Silty clay loam	6.0	5.5	Poorly drained	2	None	15	Very limited	High	130
SfA	Granby loamy sand, 0 to 2 percent slopes	12	0.1%	5	78.5	16.5	Loamy sand	5.0	6.5	Very poorly drained	1	None	0	Very limited	Moderate	130
SkA	Sloan silt loam, 0 to 2 percent slopes	30	0.2%	32	17.9	50.1	Silty clay loam	4.5	7.0	Very poorly drained	1	Frequent	15	Very limited	High	130
SmA	Dunkirk silt loam, 0 to 2 percent slopes	6	0.0%	22	11.2	66.8	Silt loam	4.5	6.2	Well drained	1	None	>200	Not limited	High	130
SnC	Dunkirk silt loam, 6 to 12 percent slopes	5	0.0%	22	11.2	66.8	Silt loam	4.5	6.2	Well drained	9	None	>200	Very limited	High	130
TaB	Tughill silt loam, 0 to 5 percent slopes, very stony	5	0.0%	14	30.4	55.6	Very stony silt loam	6.0	4.6	Very poorly drained	3	None	0	Very limited	High	130
TbA	Darien silt loam, 0 to 3 percent slopes	63	0.4%	22	26	52	Silt loam	5.5	6.5	Somewhat poorly drained	2	None	31	Very limited	High	130
TbB	Darien silt loam, 3 to 8 percent slopes	620	3.9%	22	26	52	Silt loam	5.5	6.5	Somewhat poorly drained	6	None	31	Very limited	High	130
TbC	Darien silt loam, 8 to 15 percent slopes	181	1.1%	22	26	52	Silt loam	5.5	6.5	Somewhat poorly drained	12	None	31	Very limited	High	130
W	Water	27	0.2%	0	0	100	0	0.0	0.0	0	0	None	>200	Not rated	0	0
WbA	Walpole loam, 0 to 4 percent slopes	28	0.2%	10	68.5	21.5	Fine sandy loam	5.0	5.9	Poorly drained	2	None	15	Very limited	High	130
WcA	Wayland silt loam, 0 to 2 percent slopes	29	0.2%	22	11.2	66.8	Silt loam	4.5	6.5	Poorly drained	1	Frequent	0	Very limited	High	130

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WeB	Westbury loam, 0 to 8 percent slopes, very stony	1	0.0%	12	45	43	Very stony loam	5.0	4.8	Somewhat poorly drained	4	None	31	Very limited	High	130
WfA	Atherton silt loam, 0 to 2 percent slopes	53	0.3%	22	26	52	Silt loam	7.0	6.2	Very poorly drained	1	None	0	Very limited	High	130