

Appendix I

Soil Types

HOMESTEAD WIND, LLC
 CERTIFICATE OF SITE COMPATIBILITY
 APPENDIX I – SOIL TYPES FOR THE HOMESTEAD WIND PROJECT

Map Unit Symbol	Map Unit Name	Acres in Study Area	Acres in Project Area
2338	Amor-Williams-Zahl loams, 3 to 9 percent slopes	18.2	--
2339	Amor-Zahl-Cabba loams, 9 to 25 percent slopes	104.9	--
1249	Appam sandy loam, 0 to 6 percent slopes	653.5	168.4
53	Arnegard loam, 0 to 2 percent slopes	612.8	180.5
2340	Arnegard-Shambo loams, 2 to 6 percent slopes	175.4	141.8
2347	Bearden silt loam, 0 to 3 percent slopes	6.9	--
281	Bowdle loam, 0 to 2 percent slopes	301.8	63.0
1427	Dimmick clay, 0 to 1 percent slopes	162.2	69.2
2170	Divide loam, 0 to 2 percent slopes	25.1	--
2346	Dooley fine sandy loam, 0 to 6 percent slopes	13.2	--
674	Farnuf loam, 0 to 2 percent slopes	130.3	--
676	Farnuf-Sakakawea loams, 2 to 6 percent slopes	35.9	--
882	Hamerly-Tonka complex, 0 to 3 percent slopes	110.2	25.3
2270	Harriet and Stirum soils, 0 to 2 percent slopes	36.7	28.0
1021	Korchea loam, 0 to 2 percent slopes	8.0	8.0
2348	Korchea-Divide loams, channeled 0 to 2 percent slopes	806.2	116.0
1128	Lehr loam, 2 to 6 percent slopes	766.0	264.6
2350	Lehr-Williams loams, 0 to 6 percent slopes	1090.5	309.2
2351	Lehr-Williams loams, 6 to 9 percent slopes	214.7	33.4
1143	Lihen loamy fine sand, 0 to 6 percent slopes	97.6	12.5
2352	Lihen-Blanchard loamy fine sands, 6 to 15 percent slopes	23.0	12.6
2353	Livona fine sandy loam, 0 to 6 percent slopes	1089.3	399.7
2354	Livona-Zahl complex, 6 to 9 percent slopes	1137.4	382.4
2355	Mondamin silty clay loam, 0 to 2 percent slopes	33.7	9.2
2356	Niobell-Williams loams, 0 to 6 percent slopes	7.9	--
1835	Nishon clay loam, 0 to 1 percent slopes	238.2	91.5
2261	Schaller loamy sand, 0 to 6 percent slopes	11.6	--
1664	Shambo loam, 0 to 2 percent slopes	99.0	17.8
1710	Southam silty clay loam, 0 to 1 percent slopes	2.2	--
2358	Tally fine sandy loam, 0 to 6 percent slopes	193.7	60.0
1798	Tally fine sandy loam, 6 to 9 percent slopes	9.1	0.4
1871	Vallers loam, saline, 0 to 1 percent slopes	14.5	--
2360	Vebar-Flasher-Tally fine sandy loams, 3 to 9 percent slopes	92.3	--
2359	Vebar-Flasher-Zahl complex, 9 to 25 percent slopes	19.5	--
2032	Vida-Zahill loams, 2 to 8 percent slopes	14808.3	5557.7
2361	Wabek sandy loam, 2 to 6 percent slopes	112.0	7.1
2362	Wabek sandy loam, 6 to 25 percent slopes	155.0	24.1
1978	Water	49.2	16.0
2363	Wildrose silty clay, 0 to 2 percent slopes	43.8	18.7
2014	Williams-Bowbells loams, 0 to 3 percent slopes	5620.0	2023.3
2015	Williams-Bowbells loams, 3 to 6 percent slopes	29348.5	12809.8

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2130	Williams-Zahl-Parnell complex, 0 to 9 percent slopes	135.9	11.5
2357	Wyola-Grail silty clay loams, 0 to 6 percent slopes	5.3	4.7
2176	Zahill loam, 15 to 60 percent slopes	1429.9	272.1
2081	Zahill-Vida loams, 4 to 15 percent slopes	3575.5	1855.6
2131	Zahl-Williams-Parnell complex, 0 to 35 percent slopes	17.0	--
Total		63,641.5	24,994.0
Source: Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. Available online at https://websoilsurvey.nrcs.usda.gov/ . Accessed 2/2026.			