Appendix K Soil Map Units and Characteristics

Appendix K										
Soil Map Units and Characteristics for the Sherco Solar Project										

Appendix K Soil Map Units and Characteristics for the Sherco Solar Project											
Map Unit Symbol	Map Unit Name	Acres	Farmland Classification	Drainage Class	Surface Texture	WEG	Kw	Slope Range	Hydric Rating	Non-Irrigated LCC	
Sherco Solar A	Area										
260	Duelm loamy sand, 0 to 2 percent slopes	2.8	Not prime farmland	Moderately well drained	Loamy sand	2	.17	0-5	No	4s	
D67A	Hubbard loamy sand, 0 to 2 percent slopes	52.4	Not prime farmland	Excessively drained	Loamy sand	2	.02	0-5	No	4s	
D67B	Hubbard loamy sand, 1 to 6 percent slopes	173.4	Not prime farmland	Excessively drained	Loamy sand	2	.02	0-5	No	4s	
D67C	Hubbard loamy sand, 2 to 12 percent slopes	192.5	Not prime farmland	Excessively drained	Loamy sand	2	.02	>5-8	No	6s	
D62A	Hubbard-Mosford complex, Mississippi River Valley, 0 to 3 percent slopes	2,938.5	Not prime farmland	Excessively drained	Loamy sand	2	.02	0-5	No	4s	
261	Isan sandy loam, depressional, 0 to 1 percent slopes	19.3	Not prime farmland	Very poorly drained	Sandy loam	3	.20	0-5	Yes	6w	
D20A	Isan-Isan, frequently ponded, complex, 0 to 2 percent slopes	1.3	Not prime farmland	Poorly drained	Sandy loam	3	.20	0-5	Yes	4w	
768	Mosford sandy loam, 0 to 2 percent slopes	5.8	Farmland of statewide importance	Somewhat excessively drained	Sandy loam	3	.20	0-5	No	3s	
708	Rushlake coarse sand, 1 to 4 percent slopes	2.1	Not prime farmland	Moderately well drained	Coarse sand	1	.02	0-5	No	4s	
258E	Sandberg loamy coarse sand, 6 to 30 percent slopes	3.0	Not prime farmland	Excessively drained	Loamy coarse sand	2	.15	>15-30	No	7s	
258B	Sandberg loamy sand, 1 to 6 percent slopes	47.5	Not prime farmland	Excessively drained	Loamy sand	2	.10	0-5	No	4s	
258C	Sandberg loamy sand, 2 to 12 percent slopes	11.9	Not prime farmland	Excessively drained	Loamy sand	2	.10	>8-15	No	6s	
1223	Sandberg-Arvilla complex, 0 to 3 percent slopes	9.1	Not prime farmland	Excessively drained	Loamy coarse sand	2	.05	0-5	No	4s	
1288	Seelyeville-Markey complex, ponded, 0 to 1 percent slopes	16.3	Not prime farmland	Very poorly drained	Muck	8	N/A	0-5	Yes	8w	
1028	Udorthents-Pits, gravel, complex	3.7	Not prime farmland	N/A	N/A	N/A	N/A	>5-8	N/A	N/A	
		3,479.5									
Sherco West H	IVTL Project Right-of-Way										
341	Arvilla sandy loam, 0 to 2 percent slopes	3.8	Farmland of statewide importance	Somewhat excessively drained	Sandy loam	3	.20	0-5	No	3s	
D67B	Hubbard loamy sand, 1 to 6 percent slopes	0.8	Not prime farmland	Excessively drained	Loamy sand	2	.02	0-5	No	4s	
D62A	Hubbard-Mosford complex, Mississippi River Valley, 0 to 3 percent slopes	40.7	Not prime farmland	Excessively drained	Loamy sand	2	.02	0-5	No	4s	
1015	Udipsamments, cut and fill land	12.6	Not prime farmland	N/A	N/A	N/A	N/A	0-5	N/A	N/A	
		58.0									
Sherco East H	VTL Project Right-of-Way										
D67B	Hubbard loamy sand, 1 to 6 percent slopes	0.1	Not prime farmland	Excessively drained	Loamy sand	2	.02	0-5	No	4s	
D62A	Hubbard-Mosford complex, Mississippi River Valley, 0 to 3 percent slopes	18.4	Not prime farmland	Excessively drained	Loamy sand	2	.02	0-5	No	4s	
1015	Udipsamments, cut and fill land	12.0	Not prime farmland	N/A	N/A	N/A	N/A	0-5	N/A	N/A	
1356	Water, miscellaneous	0.0	Not prime farmland	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		30.6									
Soil Survey Sta	ff, Natural Resources Conservation Service (NRCS), U.S. Department of	f Agriculture (U	JSDA). Web Soil Survey. Available on	line at https://websoilsurvey.sc.egov.us	sda.gov/. Accessed January	2021.		•		_	