

## APPENDIX D – SOIL TABLES

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## Appendix D

**Table D-1: Soil Map Units within the 108-acre Liberty RICE Project Site**

Map Soil Unit Symbol	Description	Acres
FkC*	Frankstown silt loam, 6 to 12 percent slopes	0.1
FkD	Frankstown silt loam, 12 to 20 percent slopes	29.5
FrC*	Frederick silt loam, 6 to 12 percent slopes	2.9
GaF	Garmon silt loam, 30 to 60 percent slopes	6.7
PrB*	Pricetown silt loam, 2 to 6 percent slopes	60.0
PrC*	Pricetown silt loam, 6 to 12 percent slopes	3.1
TeB*	Teddy silt loam, 2 to 6 percent slopes	5.9

Source: USDA, 2019a

None of the soil map units are considered hydric.

Totals may not match the sum of the addends due to rounding.

\* Indicates soil map unit is considered prime farmland or farmland of statewide importance.

**Table D-2: Soil Map Units within the Transmission Line ROW**

Map Soil Unit Symbol	Description	Acres
Casey County, KY	Casey County, KY	Casey County, KY
CgC*	Carpenter gravelly silt loam, 6 to 12 percent slopes	1.4
CoF	Colyer silt loam, 20 to 50 percent slopes	7.4
FdD2	Faywood silt loam, 12 to 20 percent slopes, eroded	2.1
FfE2	Faywood-Fairmount-Rock outcrop complex, 20 to 30 percent slopes, eroded	16.3
FkC	Frankstown silt loam, 6 to 12 percent slopes	10.5
FkD	Frankstown silt loam, 12 to 20 percent slopes	38.3
FrC*	Frederick silt loam, 6 to 12 percent slopes	1.1
GaF	Garmon silt loam, 30 to 60 percent slopes	69.9
Jo*	Johnsburg silt loam	7.7
LcE	Lenberg-Carpenter complex, 12 to 30 percent slopes	37.3
Ln*	Lindside silt loam, occasionally flooded	1.7
Me*	Melvin silt loam, 0 to 2 percent slopes, occasionally flooded	3.8
Ne*	Newark silt loam, 0 to 2 percent slopes, occasionally flooded	1.7
No*	Nolin silt loam, 0 to 2 percent slopes, occasionally flooded	3.2
PrB*	Pricetown silt loam, 2 to 6 percent slopes	14.1
Sk	Skidmore very gravelly loam, frequently flooded	4.6
TeB*	Teddy silt loam, 2 to 6 percent slopes	7.3
TrC*	Trappist silt loam, 6 to 12 percent slopes	2.6
uLfc*	Lowell-Faywood silt loams, 6 to 12 percent slopes	0.6
W	Water	0.5
Yo	Yosemite gravelly silt loam, frequently flooded	4.2
Marion County, KY	Marion County, KY	Marion County, KY
EkB*	Elk silt loam, 2 to 6 percent slopes, rarely flooded	5.6
FaC2*	Faywood silty clay loam, 6 to 12 percent slopes, eroded	5.4

FaD2	Faywood silty clay loam, 12 to 20 percent slopes, eroded	6.6
FcE2	Faywood-Cynthiana complex, 20 to 30 percent slopes, eroded, very rocky	0.1
LoC2*	Lowell silty clay loam, 6 to 12 percent slopes, eroded	27.4
LoD2	Lowell silty clay loam, 12 to 20 percent slopes, eroded	4
Ne*	Newark silt loam, 0 to 2 percent slopes, frequently flooded	0.6
NhB*	Nicholson silt loam, 2 to 6 percent slopes	1.1
No*	Nolin silt loam, 0 to 2 percent slopes, frequently flooded	7
OtB*	Otwell silt loam, 2 to 8 percent slopes	0.7
SaB*	Sandview silt loam, 2 to 6 percent slopes	13
SaC2	Sandview silt loam, 6 to 12 percent slopes, eroded	2
W	Water	0.5

Source: USDA, 2019b

Gray shading indicates soil map unit is considered hydric.

Totals may not match the sum of the addends due to rounding.

\* Indicates soil map unit is considered prime farmland, farmland of statewide importance, or prime farmland if drained.