

APPENDIX D – MAPPED SOIL UNITS AT BARC

Appendix D: Mapped Soil Units Associated with the Building Locations

Mapped Soil Type	Hydric (b)	Farmland Classification (c)	Erodibility (c)	Acres					Buildings (c)
				North	Central	East	South	Linkage	
BaB Beltsville silt loam, 2 to 5 percent slopes	Hydric	Prime Farmland	Moderate	17.8	28.1	74.4	2.5	6.5	--
BaC Beltsville silt loam, 5 to 10 percent slopes	Not Hydric	Farmland of Statewide Importance	Moderate	0.0	0.0	1.7	1.9	0.0	--
BuB Beltsville-Urban land complex, 0 to 5 percent slopes	Hydric	Not Prime Farmland or of Statewide Importance	Slight	0.0	0.0	0.0	0.0	1.0	--
CcC Christiana-Downer complex, 5-10 percent slopes	Not Hydric	Farmland of Statewide Importance	Moderate	49.3	610.9	311.5	71.6	30.0	038-041, 204A, 205, 335, 335A, 336B, 336C, 337A, 337, 338, 338A, 338B, 340, 341R, 342, 344, 391, 473, 474
CcD Christiana-Downer complex, 10-15 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Severe	2.8	204.7	20.7	10.6	1.8	1070-1073, 1104
CcE Christiana-Downer complex, 15-25 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Severe	3.27	74.5	12.4	5.3	1.7	323, 333, 334
CdD Christiana-Downer-Urban land complex, 5-15 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Not rated	19.7	65.3	5.8	0.5	0.5	231A, 321B, 1052-1054, 1062-1064, 1100, 1020
CcE Christiana-Downer complex, 15 to 25 percent slopes	Hydric	Not Prime Farmland or of Statewide Importance	Severe	3.3	74.6	12.4	5.3	1.2	--
CF Codorus and Hatboro soils, frequently flooded	Hydric	Not Prime Farmland or of Statewide Importance	Slight	91.9	0.0	0.0	124.7	0.0	--

Mapped Soil Type	Hydric (b)	Farmland Classification (c)	Erodibility (c)	Acres					Buildings (c)
				North	Central	East	South	Linkage	
CrB Croom gravelly sandy loam, 2 to 5 percent slopes	Hydric	Not Prime or of Statewide Importance	Slight	6.6	0.0	1.8	5.3	4.7	--
CrC Croom gravelly sandy loam, 5 to 10 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Moderate	8.1	0.0	0.0	0.0	0.0	--
CrD Croom gravelly sandy loam, 10 to 15 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Moderate	8.2	5.8	0.0	9.4	0.0	--
CrE Croom gravelly sandy loam, 15 to 25 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Severe	3.4	0.0	0.0	0.0	0.0	--
CzE Croom-Urban land complex, 15 to 25 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Severe	0.1	0.0	0.0	0.0	0.0	--
Codorus-Hatboro-Urban land complex, frequently flooded	Hydric	Not Prime Farmland or of Statewide Importance	Slight	18.2	0.0	0.0	0.2	0.0	009, 050
DoB Downer-Hammonton complex, 2-5 percent slopes	Not Hydric	Prime Farmland	Slight	24.7	148.0	175.9	1.6	50.3	--
DoC Downer-Hamonton complex, 5 to 10 percent slopes	Not Hydric	Farmland of Statewide Importance	Moderate	0.0	8.8	96.5	0.0	11.9	--
DoD Downer-Hammonton complex, 10-5 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Moderate	9.8	56.3	59.0	9.1	7.0	060, 238, 322, 327, 339C, 339D, 357, 362-364, 369-378, 385, 385A, 391, 485, 1002
DoB Downer-Hammonton complex, 2 to 5 percent slopes	Not Hydric	Prime Farmland	Slight	24.7	148.0	179.550.3	1.6	50.3	337B, 339F, 541C, 541D, 1005
DuB Downer-Hammonton-Urban land complex, 0 to 5 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Slight	0.0	0.0	0.0	0.0	2.0	--

Mapped Soil Type	Hydric (b)	Farmland Classification (c)	Erodibility (c)	Acres					Buildings (c)
				North	Central	East	South	Linkage	
Eka Elkton silt loam, 0 to 2 percent slopes	Hydric	Not Prime Farmland or of Statewide Importance	Slight	73.2	91.0	30.1	4.4	0.0	--
EwB Evesboro-Downer complex, 15 to 25 percent slopes	Not Hydric	Prime Farmland (if Irrigated)	Slight	0.0	0.0	30.2	0.0	0.0	--
EwC Evesboro-Downer complex, 5 to 10 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Moderate	0.0	0.0	1.1	0.0	0.0	--
EwD Evesboro-Downer complex, 10 to 15 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Moderate	0.0	0.0	3.1	0.0	0.0	--
FaaA Fallsington sandy loams, 0-2 percent slopes	Hydric	Prime Farmland (if drained)	Slight	0.0	7.4	40.0	0.0	0.0	475
FbB Fallsington-Urban land complex, 0 to 5 percent slopes	Hydric	Not Prime Farmland or of Statewide Importance	Slight	0.0	0.0	0.37	0.0	0.0	--
GbB Galestown-Urban land complex, 0 to 5 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Slight	0.0	0.0	41.0	0.0	0.0	--
GbD Galestown-Urban land complex, 5 to 15 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Moderate	0.0	0.1	0.7	1.2	0.0	--
HaA Hammonton loamy sand, 0 to 2 percent slopes	Not Hydric	Prime Farmland	Slight	2.1	30.0	0.0	0.0	4.4	--
LY Longmarsh and Indiantown soils, frequently flooded	Hydric	Not Prime Farmland or of Statewide Importance	Slight	0.0	115.0	92.8	0.0	56.4	--
Iu Issue-Urban land complex, occasionally flooded	Hydric	Not Prime Farmland or of Statewide Importance	Slight	0.0	0.0	0.0	0.0	0.2	--

Mapped Soil Type	Hydric (b)	Farmland Classification (c)	Erodibility (c)	Acres					Buildings (c)
				North	Central	East	South	Linkage	
RcA Russett-Christiana complex, 0-2 percent slopes	Not Hydric	Prime Farmland	Slight	15.7	205.2	101.1	28.1	39.3	506A, 543, 543A
RcB Russett-Christiana complex, 2-5 percent slopes	Not Hydric	Prime Farmland	Moderate	89.0	877.9	669.0	67.5	36.4	018, 044, 050, 203B, 288, 321, 324, 342A-342D, 452, 467-470, 469-1, 470B, 472, 476, 487-1, 487-2, 488, 524, 1092, 1183, 1205, 1287-1289, 1292, 1328-1330, 1390, 1422, 1425
RuB Russett-Christiana -Urban land complex, 0-5 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Moderate	37.1	145.3	63.6	0.1	23.1	--
SaA Sassafras sandy loam, 0 to 2 percent slopes	Hydric	Prime Farmland	Slight	0.0	0.0	0.3	0.0	0.0	--
SaB Sassafras sandy loam, 2 to 5 percent slopes	Hydric	Prime Farmland	Moderate	0.0	0.0	9.1	0.0	0.0	--
ScC Sassafras-Croom complex, 5 to 10 percent slopes	Not Hydric	Farmland of Statewide Importance	Moderate	29.7	5.2	2.1	13.6	0.0	--
SnE Sassafras-Urban land complex, 15 to 25 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Severe	1.1	0.0	0.0	0.0	0.0	--
SOD Sassafras and Croom soils, 10 to 15 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Moderate	19.1	0.0	0.0	1.2	0.0	--
SOE Sassafras and Croom soils, 15 to 25 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Severe	0.0	8.7	0.0	0.0	0.0	--

Mapped Soil Type	Hydric (b)	Farmland Classification (c)	Erodibility (c)	Acres					Buildings (c)
				North	Central	East	South	Linkage	
SOF Sassafras and Croom soils, 25 to 40 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Severe	0.0	0.0	3.2	0.0	0.0	--
UdaF Udorthents, highway, 0 to 65 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Not Rated	3.14	0.0	0.0	1.3	1.2	--
UdbB Udorthents, loamy, 0 to 5 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Slight	0.0	54.5	76.4	0.0	0.0	--
UdbD Udorthents, loamy, 5 to 15 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Moderate	0.0	2.8	0.0	0.0	0.0	--
UdbE Udorthents, loamy, 15 to 25 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Severe	0.0	1.6	0.0	0.0	0.0	--
UdcB Udorthents, reclaimed clay pits, 0 to 5 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Moderate	0.0	7.5	0.0	0.0	0.0	--
UdgB Udorthents, reclaimed gravel pits, 0 to 5 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Slight	0.0	17.3	0.0	0.0	7.6	--
UrcD Urban land-Christiana-Downer complex, 5 to 15 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	No Rated	0.0	0.0	0.0	0.0	0.1	--
UrrB Urban land-Russett -Christiana complex, 0-5 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Not Rated	0	25.3	0.0	0.0	3.5	085, 085A, 085B, 166A
UrsB Urban land-Sassafras complex, 0 to 5 percent slopes	Not Hydric	Not Prime Farmland or of Statewide Importance	Not Rated	0.1	0.0	0.0	0.0	0.7	--
UrZA Urban land-Zekiah complex, 0 to 2 percent slopes, frequently flooded	Hydric	Not Prime Farmland or of Statewide Importance	Not Rated	0.0	0.0	0.0	0.0	1.0	--

Mapped Soil Type	Hydric (b)	Farmland Classification (c)	Erodibility (c)	Acres					Buildings (c)
				North	Central	East	South	Linkage	
WoB Woodstown sandy loam, 2 to 5 percent slopes	Not Hydric	Prime Farmland	Moderate	0.0	21.0	7.0	0.0	0.0	--
ZS Zekiah and Issue soils, frequently flooded	Hydric	Not Prime Farmland or of Statewide Importance	Slight	0.0	145.6	151.5	0.3	163.3	--

(a) University of Maryland Extension, List of Hydric Soils for Prince George's County; accessed April 27, 2022.
 (b) NRCS (2022)
 (c) Where a building or building cluster's association with a soil type indicates that the building is located on that soil type or that the soil type occurs within a 100'-disturbance buffer of the building or building cluster.