

Appendix L

Soil Types and Associated Limitations for the Sendout Pipeline

Appendix Table L-1

Soil Types and Associated Limitations for the Sendout Pipeline and Pipeline Components a/

Soil Type	Shallow Bedrock (< 60" bgs) (Yes/No)	Hydric Soil (Yes/No)	Poor or Very Poor Vegetation Potential for Grass/Herbaceous (Yes/No / Yes/No)	High Compaction Potential (Yes/No)	Prime Farmland (PF) or Farmland of Statewide Importance (SI) (PF/SI/No)	Potential Erodibility	Temporary Area Affected <u>b/</u> (acres)	Permanent Area Affected <u>c/</u> (acres)
Adams-Croghan association, 0 to 8 percent slopes	No	No	No / No	No	SI	Not highly erodible	1.73	0.58
Brayton-Colonel association, 0 to 8 percent slopes, very stony	No	Yes	Yes / No	Yes	No	Not highly erodible	8.88	4.94
Bucksport and Wonsqueak soils	No	Yes	Yes / Yes	Yes	No	Not highly erodible	2.35	1.23
Buxton silt loam, 8 to 15 percent slopes	Unknown	No	Unknown / Unknown	Unknown	SI	Potentially highly erodible	5.17	0.98
Chesuncook silt loam, 8 to 15 percent slopes	No	No	No / No	No	SI	Potentially highly erodible	2.85	1.72
Chesuncook-Elliottsville-Telos complex, 3 to 15 percent slopes, very stony	No	No	Yes / No	No	No	Potentially highly erodible	4.34	2.29
Chesuncook-Telos association, 3 to 15 percent slopes, very stony	No	No	Yes / No	No	No	Potentially highly erodible	3.79	2.03
Creasey gravelly silt loam, 3 to 8 percent slopes	Yes	No	No / No	No	SI	Not highly erodible	1.23	0.83
Creasey-Abram complex, 3 to 15 percent slopes	Yes	No	No / No	No	No	Potentially highly erodible	2.64	1.4
Creasey-Lamoine complex, 3 to 15 percent slopes	Yes	No	No / No	No	SI	Potentially highly erodible	3.61	1.87
Danforth-Elliottsville complex, 3 to 15 percent slopes, very stony	No	No	Yes / No	No	No	Potentially highly erodible	3.26	2.12
Dixfield fine sandy loam, 8 to 15 percent slopes	Unknown	Unknown	Unknown / Unknown	Unknown	SI	Potentially highly erodible	0.07	0
Dixfield-Colonel complex, 3 to 8 percent slopes	No	No	No / No	No	PF	Not highly erodible	4.6	2.64
Dixfield-Colonel complex, 0 to 8 percent slopes, very stony	No	No	Yes / No	No	No	Not highly erodible	14.16	8.86
Dixfield-Marlow association, 3 to 15 percent slopes, very stony	No	No	Yes / No	No	No	Potentially highly erodible	4.63	2.95
Dixfield-Marlow-Tunbridge complex, 3 to 15 percent slopes, very stony	No	No	Yes / No	No	No	Potentially highly erodible	4.91	2.87
Dixfield-Rawsonville-Colonel complex, 3 to 15 percent slopes, very stony	Yes	No	Yes / No	Yes	No	Potentially highly erodible	2.56	1.61
Dixfield-Tunbridge-Colonel complex, 3 to 15 percent slopes, very stony	No	No	Yes / No	No	No	Potentially highly erodible	14.63	8.35
Hermon-Monadnock-Skerry complex, 3 to 15 percent slopes, very bouldery	No	No	Yes / No	No	No	Potentially highly erodible	1.19	0.69
Hogback-Abram-Rawsonville complex, 15 to 60 percent slopes, very stony	Yes	No	Yes / Yes	No	No	Highly erodible	1.29	0.56
Hogback-Rawsonville-Abram complex, 3 to 15 percent slopes, very stony	Yes	No	Yes / Yes	No	No	Potentially highly erodible	3.31	1.82
Kinsman-Wonsqueak association, 0 to 3 percent slopes	No	Yes	No / No	Yes	No	Not highly erodible	0.14	0.09
Lamoine-Buxton complex, 0 to 8 percent slopes	No	No	No / No	Yes	SI	Not highly erodible	11.47	4.3

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Lamoine-Buxton-Scantic complex, 0 to 15 percent slopes	No	Yes	No / No	Yes	SI	Potentially highly erodible	8.76	4.7
Lamoine-Creasey-Scantic complex, 0 to 8 percent slopes	Yes	Yes	No / No	Yes	SI	Not highly erodible	2.47	1.32
Lamoine-Rawsonville-Scantic complex, 0 to 8 percent slopes, very stony	No	Yes	Yes / No	No	No	Not highly erodible	1.55	0.7
Lamoine-Scantic complex, 0 to 5 percent slopes	No	Yes	No / No	Yes	SI	Not highly erodible	14.81	4.91
Lamoine-Scantic complex, 0 to 5 percent slopes, very stony	No	Yes	Yes / No	Yes	No	Not highly erodible	0.31	0.15
Lamoine-Scantic-Colonel complex, 0 to 8 percent slopes, very stony	No	Yes	Yes / No	Yes	No	Not highly erodible	4.64	2.71
Lamoine-Tunbridge-Scantic complex, 0 to 8 percent slopes, very stony	No	Yes	Yes / No	Yes	No	Not highly erodible	1.21	0.6
Lyman-Abram-Tunbridge complex, 15 to 60 percent slopes, very stony	Yes	No	Yes / No	No	No	Highly erodible	1.71	1.11
Lyman-Tunbridge-Abram complex, 3 to 15 percent slopes, very stony	Yes	No	Yes / No	No	No	Potentially highly erodible	36.64	20.77
Marlow fine sandy loam, 8 to 15 percent slopes	Unknown	No	Unknown / Unknown	Unknown	SI	Potentially highly erodible	0.8	0.5
Marlow-Dixfield association, 8 to 30 percent slopes, very stony	No	No	No / No	No	No	Highly erodible	2.56	1.64
Masardis-Sheepscot complex, 0 to 15 percent slopes	No	No	No / No	No	SI	Potentially highly erodible	1.05	0.64
Monarda-Telos association, 0 to 8 percent slopes, very stony	No	Yes	Yes / No	Yes	No	Not highly erodible	9.21	5.16
Monarda-Wonsqueak complex, 0 to 5 percent slopes, very stony	No	Yes	Yes / No	Yes	No	Not highly erodible	2.37	1.39
Naskeag-Abram-Ricker complex, 0 to 15 percent slopes, very stony	Yes	Yes	Yes / No	Yes	No	Potentially highly erodible	5.42	3.3
Naskeag-Rawsonville-Hogback complex, 0 to 8 percent slopes, very stony	Yes	Yes	Yes / No	Yes	No	Potentially highly erodible	3.38	1.9
Naskeag-Tunbridge-Lyman complex, 0 to 8 percent slopes, very stony	Yes	Yes	Yes / No	Yes	No	Potentially highly erodible	4.83	2.79
Pits, sand and gravel	Unknown	No	NA / NA	No	No	Not highly erodible	1.32	0.41
Rawsonville-Lamoine-Hogback complex, 0 to 15 percent slopes, very stony	Yes	Yes	Yes / No	Yes	No	Potentially highly erodible	1.01	0.64
Scantic silt loam	No	Yes	No / No	Yes	No	Not highly erodible	2.85	1.25
Scantic-Biddeford association, 0 to 3 percent slopes	No	Yes	No / No	Yes	No	Not highly erodible	1.35	0.64
Skerry-Becket association, 3 to 15 percent slopes, very stony	No	No	Yes / No	No	No	Potentially highly erodible	3.72	2.19

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Skerry-Colonel-Rawsonville complex, 0 to 15 percent slopes, very stony	Yes	No	Unknown / Unknown	Unknown	No	Potentially highly erodible	2.88	1.75
Skerry-Colonel-Tunbridge complex, 0 to 15 percent slopes, very stony	No	No	Yes / No	No	No	Potentially highly erodible	4.5	1.78
Telos silt loam, 3 to 8 percent slopes	No	No	No / No	Yes	SI	Not highly erodible	3.26	1.57
Telos-Chesuncook complex, 0 to 8 percent slopes, very stony	No	No	Yes / No	Yes	No	Not highly erodible	15.34	8.1
Tunbridge-Lyman complex, 3 to 8 percent slopes	Yes	No	No / No	No	PF	Not highly erodible	3.52	2.14
Tunbridge-Lyman complex, 8 to 15 percent slopes	Yes	No	No / No	No	SI	Potentially highly erodible	0.79	0.47
Udorthents-Urban land complex	Unknown	No	NA / NA	No	No	Not highly erodible	0.91	0.49
Wonsqueak and Bucksport soils, frequently flooded	No	Yes	Yes / Yes	Yes	No	Not highly erodible	3.27	1.64
<i>Total of All Soil Types <u>d/</u></i>							249.25	132.09

NA = Not applicable

a/ Pipeline components include: Additional Temporary Work Spaces (ATWS), ATWS Horizontal Directional Drill (HDD) Pads, Laydown Areas, one new access road (at MP 15.4), pipe storage areas, and one mainline valve site (at MP 17.2)

b/ Temporary area includes cleared areas of the construction right-of-way and aboveground facilities that would be cleared during the construction of the Project.

c/ Permanent area is a subset of Temporary area, and includes only those areas that will be permanently maintained for Project Operations.

d/ These totals do not include 9.5 acres (temporary and permanent) of additional access roads that would not impact native soils.

Source: USDA 2006a.