

APPENDIX E

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On-Site Subsurface System Calculations
Ledyard Center
Town of Ledyard, Connecticut
April 2006

Available Area	Perc Rates	Application Rate (lf/sf)	Maximum Flow (gpd)
101,300	<10.1	1.5	151,950
101,300	10.1 - 20.0	1.2	121,560
101,300	20.1 - 30.0	0.9	91,170
101,300	30.1 - 45.0	0.7	70,910
101,300	45.1 - 60.0	0.6	60,780

Slope	MLSS (lf)	Hydraulic Factor	Percolation Factor	Flow Factor
3 to 15 percent	600	16	1.5	25

Design Flow
7,500

