Section 905.Appendix A Illustrations and Exhibits
Illustration M Subsurface Seepage Loading Rate Key
Exhibit B (some of the numbers below have been changed)

KEY FOR DETERMINING SEWAGE SUBSURFACE LOADING RATES (g/d/sq. ft.) FOR ILLINOIS SOILS (1)

	Single Grain, weak Platy (2)	Granular, Angular and Subangular Blocky; Prismatic									Structureless or massive				
		Loess, Outwash, Alluvium, Lacustrine(8)				Till (3)					Loess, Outwash, Alluvium, Lacustrine(8)			Till (3)	
		Weak		Moderate, Strong		Weak		Moderate, Strong							
Moist Consistence	lo,vfr, fr	vfr, fr	fi	vfr, fr	fi	vfr, fr	fi	fr	fi	vfi	vfr	fr	fi	vfr, fr	fi, vfi
Texture	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1. Fragmental; Ext. or vgrs	>1.00 (4)	N/A (5)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2. s, lcs, ls, grs, cs, grls	1.00	1.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.00	N/A	N/A	N/A	N/A
3. fs, lfs, csl	.84	.91	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	.91	.84	N/A	N/A	N/A
4. sl, fsl, grsl, grl, grsil,	.75	.75	N/A	.84	N/A	.69	N/A	.75	N/A	N/A	.84	.75	.69	.62	.52
5. l, sil, vfsl, scl, si, vfs, lvfs, grcl	.62	.69	.62	.75	.69	.45 (6)	.40 (6)	.62	.52	N/A	.62	.52	.45 (6)	.27 (6)	N/R (7)
6. sicl, cl (< 35% clay)	.52	.52	.45 (6)	.62	.52	.40 (6)	.27 (6)	.52	.40 (6)	.27 (6)	.52	.45 (6)	.27 (6)	N/R	N/R
7. sicl, cl (>35% clay)	N/A	N/A	.40 (6)	.45 (6)	.40 (6)	.27 (6)	.20 (6)	.40 (6)	.27 (6)	.20 (6)	N/A	.20 (6)	N/R	N/R	N/R
8. sc,sic,clay	N/A	N/A	N/A	N/A	.20 (6) (9)	N/A	N/A	N/A	.20 (6) (9)	N/R	N/A	N/A	N/R	N/A	N/R
9. Organics, Fragic, Lithic, Paralithic	SOIL PROPERTIES HAVE VERY SEVERE LIMITATATIONS: SUBSURFACE DISPOSAL NOT RECOMMENDED														

FOOTNOTES:

1) Disturbed soils are highly variable and require special on-site investigations.
2) Moderate or strong platy structures for the soil textures in Groups 4, 5 and 6 have a loading rate of 0.40 g/d/sq. ft. Platy structure having firm or very firm consistence and/ or caused by mechanical compaction has a loading rate of 0.0 g/d/sq. ft.
3) Basal glacial tills structured by geogenic processes have the same loading rates as structureless glacial till.
4) This soil group is estimated to have very rapid permeability and exceeds the maximum established rate in Section 905. Illustration H, Exhibit A of this part.
5) N/A means not applicable.
6) These soil groups are estimated to have moderately slow to very slow permeability and is less than the minimum established rate in Section 905. Illustration H, Exhibit A of this part.
7) N/R means not recommended. These soils have loading rates considered too low for conventional subsurface disposal.
8) In some areas, lacustrine material may have physical properties similar to glacial till and should be placed in the glacial till columns.
9) Non-swelling (1:1 lattice clays) formed in bedrock residuum have a loading rate of .27 g/d/sq. ft. Swelling (2:1 lattice) clays are not recommended for subsurface disposal.