26 Attachment 5

Borough of Elizabethtown

APPENDIX NO. 5

Runoff Coefficients "C" for Rational Formula												
Soil Group	**A**			**B**			**C**			**D**		
Slope / **Land Use**	**0-2%**	**2-6%**	**6%+**	**0-2%**	**2-6%**	**6%+**	**0-2%**	**2-6%**	**6%+**	**0-2%**	**2-6%**	**6%+**
Cultivated Land												
Winter conditions	.14	.23	.34	.21	.32	.41	.27	.37	.48	.34	.45	.56
Summer conditions	.10	.16	.22	.14	.20	.28	.19	.26	.33	.23	.29	.38
Fallowed Fields												
Poor conditions	.12	.19	.28	.17	.25	.34	.23	.33	.40	.27	.35	.45
Good conditions	.08	.13	.16	.11	.15	.21	.14	.19	.26	.18	.23	.31
Forest/Woodland	.08	.11	.14	.10	.14	.18	.12	.16	.20	.15	.20	.25
Grass Areas												
Good conditions	.10	.16	.20	.14	.19	.26	.18	.22	.30	.21	.25	.35
Average conditions	.12	.18	.22	.16	.21	.28	.20	.25	.34	.24	.29	.41
Poor conditions	.14	.21	.30	.18	.28	.37	.25	.35	.44	.30	.40	.50
Impervious Areas	.90	.91	.92	.91	.92	.93	.92	.93	.94	.93	.94	.95
Weighted Residential												
Lot size 1/8 acre	.29	.33	.36	.31	.35	.40	.34	.38	.44	.36	.41	.48
Lot size 1/4 acre	.26	.30	.34	.29	.33	.38	.32	.36	.42	.34	.38	.46
Lot size 1/3 acre	.24	.28	.31	.26	.32	.35	.29	.35	.40	.32	.36	.45
Lot size 1/2 acre	.21	.25	.28	.24	.27	.32	.27	.31	.37	.30	.34	.43
Lot size 1 acre	.18	.23	.26	.21	.24	.30	.24	.29	.36	.28	.32	.41