

## Appendix F. Impervious Surface Analysis

The percent impervious surface in each subwatershed was calculated by multiplying the area of land in each landuse by the impervious cover coefficient for each landuse. Each coefficient and its origin are listed in Table 21.

**Table 21. Coefficients used for impervious surface run-off calculation**

(Sources: USDA-NRCS 1986 and Frankenberger et al. 2002)

	Road	Commercial/ Industrial	HD Residential	LD Residential	Agriculture	Forest	Water
Impervious Surface Coefficient	0.980	0.800*	0.250	0.100	0.010	0.010	0.000
Coefficient source	Frankenberger et al. 2002	USDA-NRCS 1986	USDA- NRCS 1986	USDA- NRCS 1986	Frankenberger et al. 2002	Frankenberger et al. 2002	Frankenberger et al. 2002

\*This coefficient was estimated based on published values to more accurately represent the combined commercial and industrial landuse classification.

