

WORKSHEET 3.01 - SITUATION ONE

Compile existing site-specific data and determine existing site imperviousness (I_{EXIST}). For the purposes of these calculations, site area (A_{SITE}) is defined as the entire parcel. A_{EXIST} represents the actual amount of existing impervious cover on the site.

A_{SITE}	=	<u> </u> acres
A_{EXIST} structures	=	<u> </u> acres
parking lot	=	<u> </u> acres
roadway	=	<u> </u> acres
other	=	<u> </u> acres
Total A_{EXIST}	=	<u> </u> acres
I_{EXIST}	=	$(Total\ A_{EXIST} \div A_{SITE}) \times 100$
I_{EXIST}	=	<u> </u> % (expressed in whole numbers)

Compile post-development site-specific data and determine post-development site imperviousness (I_{POST}). For the purposes of these calculations, site area (A_{SITE}) is defined as the entire parcel. A_{POST} represents the actual amount of impervious cover on the site once the proposed development is complete.

A_{SITE}	=	<u> </u> acres
A_{POST} structures	=	<u> </u> acres
parking lot	=	<u> </u> acres
roadway	=	<u> </u> acres
other	=	<u> </u> acres
Total A_{POST}	=	<u> </u> acres
I_{POST}	=	$(Total\ A_{POST} \div A_{SITE}) \times 100$
I_{POST}	=	<u> </u> (expressed in whole numbers)

If $I_{EXIST} \leq 16\%$ and $I_{POST} \leq 16\%$, STOP. There is no pollutant removal requirement. Otherwise, refer to Section 3.4 of the Manual for development situation determination.