

## Phosphorus Loadings

Phosphorus loadings from new or redeveloped sites shall not exceed predevelopment phosphorus levels. The following phosphorus export coefficients shall be used to calculate predevelopment and post-development land use phosphorus loadings:

1. Pre-developed land use
  - a. Woodland or wetlands: 0.1 pounds/acre/year
  - b. Grasslands, meadows, open space: 0.4 pounds/acre/year
  - c. Cropland: 1.0 pound/acre/year
  - d. Pasture: 2.0 pounds/acre/year
  - e. Urban (applicable for redevelopment): See Post-development land use
  
2. Post-development land use (to be used with runoff volumes)
  - a. Industrial/Commercial: 600 parts per billion
  - b. Single-family residential: 450 parts per billion
  - c. Multi-family residential: 500 parts per billion

This standard can be achieved through the use of

- a. Ponding
- b. Low Impact Development techniques
- c. Reduction in impervious surfaces, or
- d. Other Best Management Practices deemed reasonable by the Commission.

The local permitting authority shall consider a variance or flexibility to this standard if impacts to other natural resources are demonstrated. The local permitting authority can consider the implementation of this standard on regional/drainage area basis if this standard is deemed impractical on a site-by-site basis.