

## Phase 6 Land Uses

Updated 07-30-14

|                              |                                     |   |  |
|------------------------------|-------------------------------------|---|--|
| <b>1 Developed</b>           |                                     |   |  |
| 1.1 Impervious               | 1.1.1 Roads                         |   | (TN load modified by traffic volumes and/or road type; TSS load modified by flow path and stream corridor characteristics)                                     |
|                              | 1.1.2 Buildings, parking lots, etc. |   | (TSS load modified by flow path and stream corridor characteristics)   |
| 1.2 Pervious                 | 1.2.1 Turf                          |   | (TSS load modified by flow path and stream corridor characteristics)   |
|                              | 1.2.2 Tree canopy                   |   | (TSS load modified by flow path and stream corridor characteristics)   |
|                              | 1.2.3 Open space                    |   | (e.g., landfills, abandoned lots, transmission line right-of-ways, bare ground (non-extractive), herbaceous, and scrub-shrub pervious lands in urban settings) |
| 1.3 Construction             |                                     |   | (e.g., permitted disturbed area; TSS load modified by flow path and stream corridor characteristics)   |
| 1.4 Extractive               |                                     |   | (active mines)   |
| <b>2 Agriculture</b>         |                                     |   |  |
| 2.1 Commodity crops          | 2.1.1 Corn                          | Grain (dbl. cropped vs fall fallow)<br>Silage (dbl. cropped vs fall fallow) |  |
|                              | 2.1.2 Soybeans                      | Fall fallow<br>Double cropped   |  |
|                              | 2.1.3 Small grains                  | Fall fallow<br>Forage   |  |
| 2.2 Hay and Legume forage    | 2.2.1 Alfalfa and other legumes     |   |  |
|                              | 2.2.2 Non-legume forage             |   |  |
|                              | 2.2.3 Pasture and pastured cropland |   |  |
| 2.3 Speciality & Other crops | 2.3.1 Vines                         | High vs medium vs low input   |  |
|                              | 2.3.2 Low cover                     | High vs medium vs low input   |  |
|                              | 2.3.3 High cover                    | High vs medium vs low input   |  |
| 2.4 Farmsteads               | 2.4.1 Animal                        | Impervious vs Pervious  | (TSS load modified by flow path and stream corridor characteristics)   |
|                              | 2.4.2 Non-animal                    | Impervious vs Pervious  | (TSS load modified by flow path and stream corridor characteristics)   |
| <b>3 Natural</b>             |                                     |   |  |
| 3.1 Forests                  | 3.1.1 Forest (undisturbed)          |   | (serves as a modifier of urban and agricultural loads)   |
|                              | 3.1.3 Harvested                     |   | (permit data provided by each state)   |
|                              | 3.1.4 Disturbed (insect, fire)      |   | (MODIS derived measure)  |
| 3.2 Scrub/shrub/grass        |                                     |   |  |
| 3.3 Wetlands                 | 3.3.1 Tidal emergent                |   | (load will be refined through input from <a href="#">Wetlands expert panel</a> )   |
|                              | 3.3.2 Fresh emergent                |   | (load will be refined through input from <a href="#">Wetlands expert panel</a> )   |
|                              | 3.3.3 Non-tidal woody               |   | (loads modified by flow path and/or stream corridor characteristics)   |
| 3.4 Water (non-tidal)        |                                     |   | (includes beaches)   |

## Phase 6 Sources:

|                                     |  |  |   |
|-------------------------------------|--|--|---|
| <b>A. Wastewater</b>                |  |  |   |
| A.1 Population on Sewer             |  |  |   |
| A.2 Population on Septic            |  |  | (additional factors such as proximity to streams and depth to water table may be developed by the <a href="#">Septic Attenuation Expert Panel</a> ) |
| <b>B. Degraded stream corridors</b> |  |  |   |
| B.1 Urban degraded (stream miles)   |  |  | (TSS load modified by stream slope, ratio of channel to floodplain width, impervious cover, and dry weather discharge estimates)                    |
| B.2 Rural degraded (stream miles)   |  |  | (TSS load modified by stream slope, ratio of channel to floodplain width, and impervious cover)   |

## Phase 6 Overlays:

|                                  |
|----------------------------------|
| I. Riparian/floodplain corridors |
| II. MS4 areas                    |
| III. CSS areas                   |
| IV. Federal properties           |