

2. Mulching. The quantity for Temporary Mulch should be estimated using the same area used for temporary seeding. Estimate the quantity assuming an application rate of 2.5 tons/ac.

On a slope of 3:1 or steeper but flatter than 2:1 Temporary Mulch Stabilization, Type A, B or C is required in addition to Temporary Mulch. On a slope of 2:1 or steeper, a Manufactured Surface Protection Product is required. See section 205 of the INDOT *Standard Specifications* for the various types of mulching stabilization and manufactured surface protection products.

17-6.02 Storm Water Quality Management Budget [Add. Apr. 2016]

Most contracts will include two pay items Storm Water Quality Management Budget and Storm Water Quality Control Plan (SWQCP). Once the necessary temporary and erosion and sediment control measures and quantities are determined, the established prices should be applied to each item and the total dollar amount entered as the Storm Water Management Budget pay item. Established prices are included in RSP 205-R-636 until such time as the RSP is incorporated into the *Standard Specifications*. Specialty measures that do not have established prices, such as turbidity curtains, will require a unique special provision, and should be included in the contract as individual pay items.

For contracts that are anticipated to extend over a single construction season, the dollar amount should be increased by 10% for each season

17-6.03 Storm Water Quality Control Plan (SWQCP) Preparation and Implementation [Add. Apr. 2016]

The SWQCP Preparation and Implementation pay item includes all narrative information, plan sheets, sequencing, and implementation information necessary for storm water management utilized on the contract. The SWQCP Preparation and Implementation also includes the costs for the Storm Water Quality Manager (SWQM), at level indicated for the contract, and the costs for weekly Storm Water inspections for the contract.

Guidelines for quantifying SWQCP Preparation and Implementation Pay Items Associated with RSP 205-R-636

In the absence of more accurate data, the following should be used for estimating purposes. The total should be entered as the lump sum amount for the SWQCP Preparation and Implementation pay item.

Storm Water Quality Control Plan	\$15,000
Storm Water Management inspections	\$400 per week of the contract term
Attendance of SWQM at scheduling meetings	\$400 per each 2-week period from beginning of the contract to the intermediate completion date.
SWQM Level 1 or Level 2	\$500 for SWQM Level 1 \$1000 for SWQM Level 2

17-7.0 MATHEMATICAL FORMULAS

Figure [17-7A](#) provides mathematical formulas to be used for various quantity determinations.