

## NS-1 WATER CONSERVATION PRACTICES

ITD Standards and Specifications for Highway Construction, Section 205.

### Definition and Purpose

Water conservation practices are activities that use water during the construction of a project in a manner that avoids causing site erosion and/or the transport of sediment or other pollutants off site.

### Appropriate Applications

All construction sites and wherever water is used.

### Limitations

None identified.

### Design Parameters

- Keep water equipment in good working condition and repair water leaks promptly.
- Minimize or avoid washing of vehicles and equipment on the construction site, if possible. If unavoidable, wash only on stabilized portions of the site.
- Avoid using water to clean construction areas. Do not use water to clean pavement. Paved areas shall be swept, shoveled, and/or vacuumed, or other dry cleanup methods.
- Report prohibited discharges to the Engineer immediately.

#### BMP Objectives

- Perimeter Control
- Slope Protection
- Borrow and Stockpiles
- Drainage Areas
- Sediment Trapping
- Stream Protection
- Temporary Stabilizing
- Permanent Stabilizing

### Maintenance and Inspection

Conduct inspections as required by the NPDES permit or contract specifications.