

5.2 Resource Protection Event Criteria

- 5.2.1 The Resource Protection Event criteria provide runoff management measures to reduce the volume of stormwater runoff generated on a site, recharge groundwater, minimize impacts to downstream channels from runoff leaving the site, and reduce pollutant loads discharged into receiving waters.
- 5.2.2 The Resource Protection Event Volume (RPv) is the post-development annualized volume of runoff produced by the storm having a ninety-nine percent (99%) probability of occurrence, or the 1-year, 24-hour rainfall event.
- 5.2.3 Compliance with this section shall be accomplished to the maximum extent practicable through the following provisions:
- 5.2.3.1 Runoff from disturbed areas that were wooded or meadow in the pre-developed condition shall be reduced using runoff reduction practices to an equivalent wooded condition.
- 5.2.3.2 All remaining disturbed areas shall employ runoff reduction practices to achieve an equivalent open space in good condition. ~~0% effective imperviousness. For those cases in which the minimum runoff reduction requirements are not met:~~
- ~~5.2.3.3 The allowable discharge for any remaining runoff shall not exceed the equivalent 24-hr detention time of the RPv, and~~
- ~~An offset shall be provided for the portion of the RPv that does not meet the minimum runoff reduction requirements.~~
- 5.2.3.3 For purposes of compliance with this section, runoff reduction practices include tree canopy interception, surface recharge, evaporation, rainfall harvesting, engineered infiltration, evapotranspiration, delayed discharge, 48-hour detention or any combination thereof.
- 5.2.3.4 In cases where provisions will be made or exist for a non-erosive conveyance system to tidal waters, by either a closed drainage system or by open channel flow, that has adequate conveyance for the Rpv; Compliance with this section can be achieved by implementation of BMPs sufficient to provide treatment equal to infiltrating the RPv treatment volume onsite or sufficient to meet Total Maximum Daily Load (TMDL) requirements for the receiving water.
- 5.2.3.5 An offset shall be provided for the portion of the RPv that does not meet the minimum runoff reduction requirements.
- ~~5.2.3.4~~
- ~~5.2.3.5~~ 5.2.3.6 Additional water quality treatment BMPs may be provided if the runoff reduction requirements of this section are not sufficient to meet Total Maximum Daily Load (TMDL) requirements for the receiving water. ~~Pollutant reductions achieved through the use of these treatment BMPs may be used to partially reduce a runoff reduction offset requirement provided in accordance with Section 5.2.3.2.2 above.~~
- 5.2.4 Projects that qualify for and meet standard plan criteria developed by the Department shall be considered in compliance with the Resource Protection Event criteria.