

APPENDIX E

Stormwater Management Guidelines

- At a minimum, the guidelines should include the following:
- Peak flow attenuation shall be accomplished by control of peak runoff rates for 2, 10 and 100 year frequency events so as not to exceed pre-development conditions.
- Runoff conveyance systems should be designed to convey 10-year frequency event flows and priority should be given to maintaining natural drainage systems wherever possible.
- Provide for stormwater management facilities to control the "first flush" runoff (first one-half inch of runoff from all lands for which development would change natural or existing conditions).
- Stormwater management systems to be used to control the first flush runoff, in order of priority, are: infiltration, retention, and extended detention, with various adjunct practices.
- Provide landscape plan that includes Best Management Practices for proper application of pesticides and fertilizers or, if possible, the elimination of the use of pesticides and fertilizers.
- As appropriate, provide special measures to prevent impact to sensitive environmental resources; and
- Require proper containment for contaminants associated with any new development during pre- and post-construction periods, e.g., containment for above ground tanks and proper design for underground tanks in accordance with NYSDEC standards.