

(IV) PERFORMANCE BONDING, LIABILITY INSURANCE, OR OTHER SECURITIES;

(V) PROCEDURES FOR NOTIFYING LOCAL UNITS OF GOVERNMENT AND OTHER INTERESTED PARTIES; AND

(VI) ADEQUATE STANDARDS FOR TRANSPORTING SLUDGE, INCLUDING REQUIREMENTS FOR THE ENCLOSURE OR COVERING OF SEWAGE SLUDGE DURING TRANSPORTATION.

(3) IN ADDITION TO THE REQUIREMENTS IN ~~SUBSECTION (B) OF THIS SECTION~~ PARAGRAPH (2) OF THIS SUBSECTION, IN ADOPTING ANY RULES OR REGULATIONS FOR THE LAND APPLICATION OF SEWAGE SLUDGE THE DEPARTMENT SHALL CONSIDER:

(I) METHODS FOR CALCULATING LOADING RATES FOR LAND APPLICATION, THAT FOR AGRICULTURAL LAND SHALL BE LIMITED BY THE NUTRIENT REQUIREMENTS OF THE CROP OR COVER VEGETATION, AS RECOMMENDED BY THE DEPARTMENT OF AGRICULTURE, AND FOR ALL LAND BY THE REQUIREMENT OF NONDEGRADATION OF THE GROUNDWATER SUPPLY;

(II) CROPS TO BE GROWN ON LAND ON WHICH SEWAGE SLUDGE MAY BE UTILIZED;

(III) THE NATURE OF ANY SURROUNDING OR UNDERLYING BODIES OF WATER;

(IV) THE CHARACTER OF AN AFFECTED SPECIFIC AREA OR OF NEARBY EXISTING OR PLANNED LAND USES AND TRANSPORT ROUTES AND THEIR PROXIMITY TO ANY SENSITIVE AREA, INCLUDING FLOOD PLAINS, WETLANDS, AND AREAS OF CRITICAL CONCERN;

(V) THE DEFINITIONS OF:

1. SLUDGE THAT IS UNSUITABLE FOR APPLICATION TO AGRICULTURAL LAND; AND

2. MARGINAL LAND;

3. AGRICULTURAL LAND; AND

4. COMPOST;

^m(VI) ACCEPTABLE CUMULATIVE LOADING RATES, INCLUDING NITROGEN AND HEAVY METALS; AND

(VII) SPECIAL REQUIREMENTS OF LAND USED FOR TOBACCO PRODUCTION; AND

(VIII) REASONABLE BUFFER AREAS ON SEWAGE SLUDGE UTILIZATION SITES FROM ANY PROPERTY LINE OR RESIDENCE.

(4) (I) THE DEPARTMENT SHALL ADOPT RULES OR REGULATIONS TO ESTABLISH A MECHANISM FOR DETERMINING UTILIZER'S