

SECTION .0500 - GENERAL UTILIZATION REQUIREMENTS

15A NCAC 02U .0501 RECLAIMED WATER UTILIZATION

(a) Reclaimed water utilized in a manner that includes application to the land surface shall meet the following criteria:

- (1) The reclaimed water shall meet requirements for Type 1 reclaimed water in Rule .0301(b) of this Subchapter;
- (2) Notification shall be provided by the permittee or its representative to inform the public and employees of the use of reclaimed water and that the reclaimed water is not intended for drinking. Notification material shall be provided to employees in a language they understand;
- (3) The reclaimed water generator shall develop and maintain a record keeping program for distribution of reclaimed water;
- (4) The reclaimed water generator shall develop and maintain an education and approval program for all use of reclaimed water. Educational material shall be provided to employees in a language they understand;
- (5) The reclaimed water generator shall develop and maintain a routine review and inspection program for all uses of reclaimed water on property not owned by the generator;
- (6) The compliance boundary and the review boundary for groundwater are established at the irrigation area boundaries. No deed restrictions or easements shall be required to be filed on adjacent properties. Land application of effluent shall be on property controlled by the generator unless an easement is provided in accordance with 15A NCAC 02L .0107, except in cases where a compliance boundary is not established; and
- (7) Reclaimed water irrigated on designed soil matrix, such as artificial or natural turf athletic fields with subsurface drainage shall meet the following conditions:
 - (A) Annual hydraulic loading and maximum precipitation rates shall be designed to irrigate a volume not to exceed the design water capacity of the designed soil matrix above the drainage system; and
 - (B) Outlets of the drainage system shall not be allowed to discharge directly to surface waters (intermittent or perennial) or to storm water conveyance systems that do not allow for infiltration prior to discharging to surface waters.

(b) Reclaimed water used for industrial and commercial uses shall meet the criteria below:

- (1) The reclaimed water shall meet requirements for Type 1 reclaimed water;
- (2) Notification shall be provided by the permittee or its representative to inform the public and employees of the use of reclaimed water and that the reclaimed water is not intended for drinking, and notification material shall be provided to employees in a language they understand;
- (3) The reclaimed water generator shall develop and maintain an education and approval program for all reclaimed water users, and educational material shall be provided to employees in a language they understand;
- (4) The reclaimed water generator shall develop and maintain a record keeping program for distribution of reclaimed water;
- (5) The reclaimed water generator shall develop and maintain a routine review and inspection program for all reclaimed water users; and
- (6) Reclaimed water used for activities other than land application shall not be used in a manner that causes exposure to aerosols.

(c) Reclaimed water shall not be used for swimming pools, hot-tubs, spas, or similar uses.

*History Note: Authority G.S. 143-215.1; 143-215.3(a);
Eff. June 18, 2011 (S.L. 2011-48);
Readopted Eff. September 1, 2018.*