

WTS - 21
December, 1991

Implementation of NAC 445.181 - Locating a Treatment Works

The NAC states:

In locating the site for a treatment works, the designer shall attempt to select a site that is not:

- a) within 984.3 feet (300 meters) of an occupied dwelling or other building.

The following policy will be used to implement NAC 445.181:

1. In locating all structures which are designed to contain sewage, screening, grit, sludge or chemicals at a wastewater facility, the designer shall conform to the following thresholds:
 - a) The structures must be located at least 1,000 feet away from a major highway, dwelling, or other building whose use is not compatible with wastewater treatment.
 - b) The structures may be located within 1,000 feet but at least 200 feet away from a major highway, dwelling, or other building whose use is not compatible with wastewater treatment provided that:
 - i) There is 100% capture and treatment as approved by DEP of air from all raw sewage/influent facilities and all solids handling facilities (including drying beds) that are less than 1000 feet from a major highway, dwelling or other building.
 - ii) If the treatment works is a wastewater lagoon than only a complete mix aerated lagoon (as per WTS 5-8) is acceptable.
 - c) The structures may be located within 200 feet but not less than 25 feet away from a major highway, dwelling, or other building whose use is not compatible with wastewater treatment provided that:
 - i) The air from all structures which are designed to contain sewage, screening, grit, sludge or chemicals at the wastewater facility is captured and treated as approved by DEP.

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2. All wastewater treatment designs submitted to DEP must address corrosion and odor. It also must address how the buffer zones indicated herein will be maintained free of non compatible use.
3. This policy applies to all new structures at wastewater treatment facilities constructed after the date of this memorandum. All existing treatment plants in non-compliance with this policy are encouraged to be renovated accordingly.

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