

UNCONVENTIONAL SEPTIC SYSTEMS

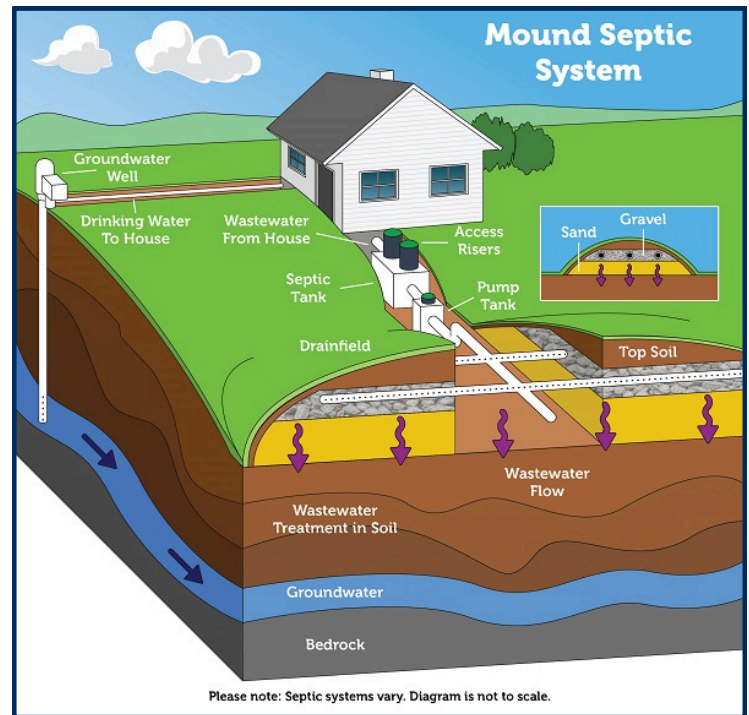
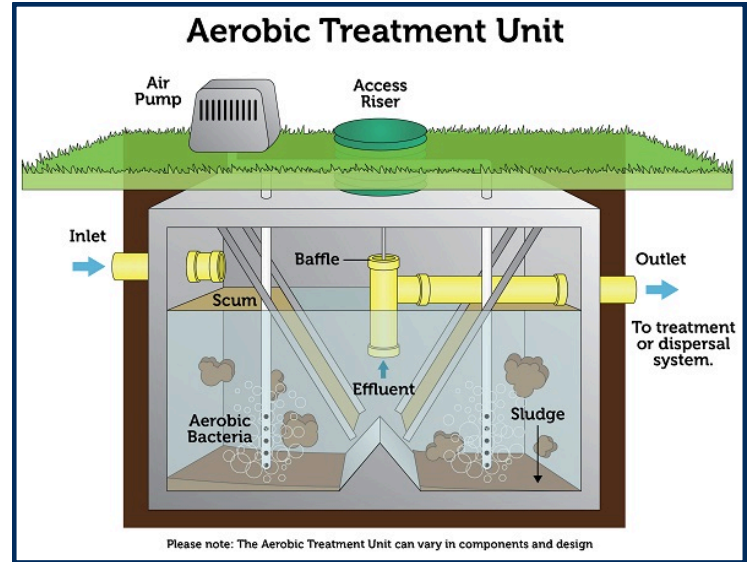
AERATION TANKS & UV

Aeration tanks are similar to conventional septic tanks and maintain the same fundamental goal. These tanks can typically be found on lots with poor soils or with minimal ground area. This is because aeration tanks move oxygen from the atmosphere into the interior of the tank to boost bacterial activity. This increased activity treats wastewater at a higher rate and decreases the amount of harmful contaminants released in the drainfield.

UV is an additional septic component that may be present for the same reasons as aeration tanks. Ultra violet lights are placed in system directly after the tank, and the UV light destroys most of the harmful bacteria that remains in the effluent. UV, like aeration, can be used in systems that need to be more compact due to area restrictions.

MOUND SYSTEMS

Mound systems are large drainfield systems that are utilized in areas with extremely poor or shallow soils. Typically, the mounds are made up of sand and gravel and extend 1 to 3 feet above grade. Mound systems can receive effluent from both conventional tanks and aeration tanks, and the system utilizes a lift pump in order to raise effluent into the mound. These systems are not common and typically require a lot of upkeep.



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For more information on septic systems or septic programs, scan the QR code or visit co.clinton.oh.us/departments/HealthDistrict/SewageTreatmentSystem

