



REVISED: 2/17/25

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**NuWATER BNR-500 DETAIL
 WITH EXTERNAL TRASH TANK
 NITROGEN REDUCTION VERSION**

INSTALLATION INSTRUCTIONS

- 1) Excavate tank hole with vertical walls to 1 foot larger than tank on all sides.
- 2) If bottom of hole is stony, install 3" of compact sand & level out with screed.
- 3) Install tank in center of hole, keeping 1 ft. void space on all sides.
- 4) As tank is filling with water, fill in void space with compact granular (sandy) soil free of large clumps of clay.
- 5) Install rest of system, & affix risers to adapters with waterproof adhesive.
- 6) Perform watertightness test in field as required by local jurisdiction.
- 7) Upon approval to backfill, carefully backfill with native soils over top of tank.
- 8) Final grade the surface to avoid channelling surface water toward tank.

STONE-FREE NATIVE SOIL
 OR COMPACTED SAND
 OVER STONY SOIL

