

**GILA COUNTY COMMUNITY DEVELOPMENT DIVISION
ENVIRONMENTAL HEALTH – WASTEWATER DEPARTMENT**

TEST FOR WATERTIGHTNESS

Quotation of R18-9-A314.5:

5. The following requirements regarding new or replacement septic tank installation apply:
 - d. The septic tank is tested for watertightness after installation by the water test described in subsections (5)(d)(i) and (5)(d)(ii) and repaired or replaced, if necessary.
 - i. The septic tank is filled with clean water, as specified in R18-9-A310(A), to the invert of the outlet and the water left standing in the tank for 24 hours and:
 - (1) After 24 hours, the tank is refilled to the invert, if necessary;
 - (2) The initial water level and time is recorded; and
 - (3) After one hour, water level and time is recorded.
 - ii. The tank passes the water test if the water level does not drop over the one-hour period. Any visible leak of flowing water is considered a failure. A damp or wet spot that is not flowing is not considered a failure.

GCHD believes that individuals in the following provider categories typically possess appropriate knowledge and skills to perform the Watertightness Test.

1. An owner of a vehicle with a Human Excreta Collection and Transportation License issued pursuant to A.A.C. r18-8-613 (a septage hauler or pumper).
2. A Grade 2 or higher Wastewater Treatment Plant Operator licensed pursuant to A.A.C. R18-5-112 through 114.
3. An Arizona Registered Sanitarian with 2 years experience with on-site wastewater treatment facilities.
4. An Arizona-registered Professional Engineer who applies the technical knowledge and skill which would be applied by all other registrants who practice in the field of on-site wastewater treatment facilities.
5. A Licensed Contractor pursuant to A.A.C. R4-9-103 (B-4 and C-41 Residential License classifications), R4-9-102 (A-12 and L-41 Commercial License classifications), or R4-9-104 (KA and K-41 Dual License classifications) that is authorized to install and repair septic tank treatment and disposal systems, septic tanks, and leach fields.
6. A person who is otherwise certified or approved as having knowledge and skills in the field of on-site wastewater facilities and associated ADEQ rules (a person whose name appears on the GCHD On-site Wastewater Treatment Facility lists).

Please submit watertightness test data on the reverse side of this form.

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WATERTIGHTNESS TEST CERTIFICATION

OWNER AND LOT INFORMATION:

LOT _____ SUBDIVISION _____

APN _____

OWNER: NAME _____

ADDRESS _____

PHONE _____

TEST CONDUCTED BY:

NAME _____

COMPANY _____

ADDRESS _____

PHONE _____

TEST RESULTS: PASS _____ FAIL _____

SIGNATURE _____

DATE _____

WATER TEST RECORDING:

INITIAL FILL: DATE _____ TIME FULL _____

TEST DATE _____

MEASURE AND RECORD EITHER:

depth of water = bottom of tank to water level

or

depth to water = top of tank to water level

| | TIME | DEPTH OF WATER | DEPTH TO WATER |
|-------|----------------------------|----------------|----------------|
| START | | | |
| END | | | |
| | WATER LEVEL DROP OVER 1 HR | | |