



Septic System APPLICATION CHECKLIST

Incomplete applications will not be accepted.

Permit fees can be found at swuhealth.gov/fees. **Fees are non-refundable.**

FOR SUBMITTAL

- One copy of the completed application.
- Three copies of the plot plan with the system design and trench detail. (Plans must be neat and readable.)
- All soil analysis documentation.
- Outline and floor plan of all plumbed buildings.
- Proof of water service or private water rights with a protection zone.
- Any specialty documentation required by the local municipality.

FOR SYSTEM DESIGNERS

Soil Conditions and Percolation Tests:

- Conducted by an individual certified by the Utah Division of Water Quality.
- Statement of soil conditions*, including soil structure, obtained from soil exploration to a depth of 10 ft. for practical refusal of excavation. If absorption system excavations will be deeper than 6 ft., soil explorations must extend to a depth of at least 4 ft. below the bottom of the proposed seepage excavation. **Unsigned certificates are not accepted.**

*USE ONLY USDA SOIL DESCRIPTIONS; USCS SOIL TYPES ARE NOT IN UTAH'S WASTEWATER CODE [R317-4](#).

- The results of stabilized percolation tests when required by Table 6 of [R317-4](#) (most Type 1, Type 4, and Type 5 soils), in the area of the proposed absorption device.

Plot Plan Must Include:

- Construction lot, block, and site address (provide directions in remote areas).
- Lot size, dimensions, and direction of north.
- Location and dimensions of roads, driveways, parking, and paved roads.
- Ground surface contours, relative elevations, or statement of grade.
- Any wells, springs, protection zones, ditches, ponds, lakes, or streams on or within 100 ft. of the property.
- All water service lines on the property.
- Proposed system drawn to scale or all dimensions shown, including:
 - Building sewer.
 - Cleanout placement.
 - Replacement area.
 - Location and liquid capacity of septic tank.
 - Applicable isolation distances.
 - Other essential components of the proposed system.
- Septic tank size and name of manufacturer.
- Location of water source for the dwelling and the distance from the septic system.
- Location of all soil exploration pits, and percolation test holes.
- Cross-section of subsurface seepage device (trench detail) including:
 - Depth and width of excavation.
 - Depth and size of gravel or stone used as fill.
 - Depth of perforated drain line.
 - Barrier used to separate gravel fill from backfill.

FOR GRAVELLESS CHAMBER SYSTEM, SPECIFY THE CHAMBER MANUFACTURER, MODEL, & TYPE (A OR B).

FOR PROPERTY OWNERS

Water Source for Dwelling:

- For a connection to PUBLIC WATER, a letter, bill, or proof of connection from a public water system showing that the system agrees to your connection to their water system.
- For connection to an EXISTING NON-PUBLIC WATER supply, the following information shall be provided to Southwest Utah Public Health Department (SWUPHD) and must receive a satisfactory review.
 - Where applicable documentation that the owner(s) of the private water system agrees to the connection.
 - Documentation of sufficient water rights to supply connection issued by the division of water rights.
 - The health department may require documentation of sufficient water quantity and pressure for the new connection, shown by a pressure test and/or a flow measurement.
 - Evidence must be submitted to the department that the water is of acceptable quality (well, spring, or public system).
Include the location and distance from the septic system in your plans.
- For NEW PRIVATE WATER sources (i.e. a private well) must comply with the SWUPHD rules for non-public water supply systems and include the following:
 - Water rights in the name of the property owner.
 - Established protection zone around water source (see swuhealth.gov or sample affidavit).

AND BEFORE FINAL APPROVAL:

- Well driller's log (found at waterrights.utah.gov).
- Chemical analysis.
- Bacterial analysis.

COUNTY-SPECIFIC REQUIREMENTS

Septic Density Approval:

- Permits in WASHINGTON county require written approval from the area wastewater authority (municipality, Washington County Water Conservancy District wewcd.org), or Ash Creek Special Service District ashcreekssd.com).

Prairie Dog Waiver:

- Permits in IRON county require development clearance for prairie dog habitation on the property from the Division of Wildlife Resources (435) 865-6100. **This documentation must accompany an application.** Note: Some portions of KANE and GARFIELD counties may require development clearance for prairie dog habitation on the property from the Division of Wildlife Resources.

Every septic system must have a final inspection BEFORE BACKFILLING to assure compliance with submitted plans and septic system regulations. **Call the Environmental Health Office to schedule an appointment.** Inspectors may have questions on materials used; ensure all information is on-site.

Beaver (435) 865-5154 | Iron (435) 865-5155 | Garfield (435) 865-5158 | Kane (435) 644-2537 ext. 1 | Washington (435) 986-2580

For information on INDIVIDUAL WASTEWATER DISPOSAL SYSTEM regulations, please call the Environmental Health Office or a certified designer. You can also consult Utah Administrative Code [R317-4](#).

NEED HELP COMPLETING APPLICATION OR PLANS? CONTACT A CONTRACTOR OR CERTIFIED DESIGNER AS OUR ENVIRONMENTAL HEALTH STAFF ARE NOT AUTHORIZED TO CONSULT.