



## **Septic System APPLICATION CHECKLIST**

**Incomplete applications will not be accepted.**

Permit fee is \$675 (\$635 + \$40 UDEQ fee). If construction begins before obtaining a permit, the fee is \$775.  
**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 of perforated drain line.
  - Depth and size of gravel or stone used as fill.
  - 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](http://swuhealth.gov) or sample affidavit).

#### AND BEFORE FINAL APPROVAL:

- Well driller's log (found at [waterrights.utah.gov](http://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](http://wewcd.org)), or Ash Creek Special Service District [ashcreekssd.com](http://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.

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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.