

SEPTIC SYSTEM APPLICATION CHECKLIST

PLEASE READ CHECKLIST *THOROUGHLY* BEFORE SUBMITTING YOUR APPLICATION

ALL INFORMATION REQUIRED **MUST** BE COMPLETED PRIOR TO RECEIVING A SEPTIC SYSTEM PERMIT.

APPLICATIONS AND PLANS **MUST BE COMPLETE** OR THEY WILL NOT BE PROCESSED.

- PERMIT FEE OF **\$500.00**. IF CONSTRUCTION BEGAN PRIOR TO OBTAINING PERMIT, FEE IS \$600.00
PERMIT FEE IS NOT REFUNDABLE
- A **COMPLETED** APPLICATION AND **THREE COPIES** OF THE PLOT PLAN. *PLANS MUST BE NEAT AND EASY TO READ*

THE PLOT PLAN MUST INCLUDE THE FOLLOWING:

- CONSTRUCTION LOT, BLOCK, AND SITE ADDRESS (*PROVIDE DIRECTIONS IN REMOTE AREAS*)
- LOT SIZE, DIMENSIONS, AND DIRECTION OF NORTH
- OUTLINE AND FLOOR PLAN OF THE PROPOSED BUILDING
- LOCATION AND DIMENSIONS OF ROADS, DRIVEWAYS, PARKING, AND PAVED AREAS
- GROUND SURFACE CONTOURS, RELATIVE ELEVATIONS, OR STATEMENT OF GRADE
- ANY WELLS, SPRINGS, PROTECTION ZONES, DITCHES, AND 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 PLANS OR 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

IF A GRAVELLESS CHAMBER SYSTEM IS TO BE USED, INDICATE CHAMBER MANUFACTURER, MODEL, AND TYPE OF CHAMBER (A OR B), ON THE SEPTIC APPLICATION

SOIL CONDITIONS AND PERCOLATION TESTS:

Percolation Testing and Soils Analysis must be provided by the applicant. SWUPHD does not conduct these procedures.

- Conducted by an individual certified by the Utah Division of Water Quality.
- Statement of soil conditions*, including soil structure, obtained from soil explorations to a depth of **10 feet**. In the event that absorption system excavations will be deeper than six feet, soil explorations must extend to a depth of at least four feet below bottom of proposed seepage excavation. Unsigned certificates are **NOT** acceptable.
*Use only USDA soil descriptions. USCS soil types are not in the Utah on-site wastewater code (R317-4).
- The results of stabilized percolation tests when required by Table 6 of R317-4 (most Type 1 and Type 5 soils), in the area of the proposed absorption device.

WATER SOURCE FOR DWELLING:

Letter from **Public Water System** stating they agree to your connection to their water system.

If proposed source of potable water is an **existing Non-public Water supply**, the following information shall be provided to the Department and must receive a satisfactory review:

- A. Where applicable, documentation that the owner(s) of the private water system agrees to the connection.
- B. Documentation of sufficient water rights to supply connection issued by Division of Water Rights.
- C. At the discretion of the Health Department, documentation may be required that the system is able to reliably supply sufficient water quantity and water pressure to new connection, as evidenced by a pressure test and/or flow measurement at the connection.
- D. Evidence must be submitted to the Department that water is of acceptable quality (well, spring or public system). Include the location and distance from the septic system in your plans.

New private water sources must comply with the Southwest Utah Public Health Department Rules for Non-Public Water Supply Systems and include the following:

- a) Water Rights in the name of the property owner
- b) Established protection zone around water source

and prior to final approval:

- c) Well Driller's Log
- d) Chemical Analysis
- e) Bacterial Analysis

COUNTY SPECIFIC REQUIREMENTS:

SEPTIC DENSITY APPROVAL:

Permits in **Washington County** require written approval from the area waste water authority (Municipality, Washington County Water Conservancy District, or Ash Creek Special Service District).

PRAIRIE DOG WAIVER:

Permits in **Iron County** require development clearance for prairie dog habitation on the property from Division of Wildlife Resources. This documentation must accompany an application. Some portions of **Kane** and **Garfield counties** may require development clearance for prairie dog habitation on the property from Division of Wildlife Resources.

Every septic system MUST have a final inspection **prior to backfilling** to assure compliance with submitted plans and septic system regulations. Please call the Environmental Health Office to schedule an appointment for final inspection. Inspector may have questions on materials used; be sure to have all information on-site.

IF YOU NEED HELP WITH YOUR APPLICATION OR PLANS, PLEASE CONTACT A CONTRACTOR OR ENGINEERING FIRM; ENVIRONMENTAL HEALTH INSPECTORS CANNOT ACT AS CONSULTANTS.

Please call the Environmental Health Office for information regarding Individual Wastewater Disposal System (Septic System) Regulations.