

**TOOELE COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH
SUBDIVISION FEASIBILITY CHECKLIST**

These requirements are subject to change. The subdivision feasibility review process does not begin until ALL applicable information and fees are submitted.

- _____ 1. \$25.00 per lot if they have septic system and/or a well/spring.

- _____ 2. COMMUNITY SYSTEM
 - _____ A. If wastewater is to be provided from an existing public wastewater system, a letter must be furnished by those responsible for the system stating that the development can be served adequately.

- _____ 3. INDIVIDUAL WASTEWATER DISPOSAL - SOIL INFORMATION
 - _____ A. Subdivision Plat and maps, including ground surface contours, as specified in UAC R317-4-3.3.
 - _____ B. A narrative feasibility report addressing the short and long range water supply and wastewater disposal facilities proposed to serve the development.
 - _____ C. Name and location of proposed plat.
 - _____ D. Name and address of the developer of the proposed project and the engineer or individual submitting the report.
 - _____ E. Statement of intended use of proposed plat (residential single family, multiple dwellings, commercial, etc.).
 - _____ F. Proposed street and lot layout, size and dimension of each lot and the location of all water lines and easements.
 - _____ G. Location, type and depth of all existing or proposed non-public water supply sources within 1500 feet of development.
 - _____ H. The location of all rivers, streams, washes, lakes, etc. within or adjacent to the development.
 - _____ I. Surface drainage systems shall be included on the plan, as naturally occurring, and as altered by roadways or any drainage, grading or improvement, installed or proposed by the developer. Details shall also be provided for the final disposal of surface runoff from the property.
 - _____ J. If any part of the subdivision lies within or abuts a flood plain area, it shall be clearly marked on the plat.
 - _____ K. A report by an engineer, geologist, or other person qualified by training and experience to prepare such reports must be submitted to show a comprehensive log of soil conditions for each lot proposed for an onsite wastewater system.

_____ I. A sufficient number of soil exploration pits shall be dug on the property to provide an accurate description of subsurface soil conditions. Soil description shall conform with the United States Department of Agriculture soil classification system. Soil exploration pits shall be of sufficient size to permit visual inspection, and to a minimum depth of ten feet, and at least four feet below the bottom of proposed absorption systems. One end of each pit should be sloped gently to permit easy entry if necessary. Deeper soil exploration pits are required if deep absorption systems, such as deep wall trenches or seepage pits, are proposed.

_____ II. For each soil exploration pit, a log of the subsurface formations encountered must be submitted for review which describes the texture, structure, and depth of each soil type, the depth of the ground water table if encountered, and any indications of the maximum ground water table.

_____ III. Soil exploration pits and percolation tests shall be made at the rate of at least one test per lot. Percolation tests shall be conducted in accordance with R317-4-5. If soil conditions and surface topography indicate, a greater number of soil exploration pits or percolation tests may be required by the Tooele County Health Department. Whenever available, information from published soil studies of the area of the proposed subdivision shall be submitted for review. Soil exploration pits and percolation tests must be conducted as closely as possible to the absorption system sites on the lots or parcels. The Tooele County Health Department shall have the option of inspecting the open soil exploration pits and monitoring the percolation test procedure. Complete results shall be submitted for review, including all unacceptable test results. Absorption systems are not permitted in areas where the requirements of R31-4-5 cannot be met or where the percolation rate is slower than 60 minutes per inch or faster than one minute per inch. Where soil and other site conditions are clearly unsuitable, there is no need for conducting soil exploration pits or percolation tests.

_____ L. The location of all soil exploration pits and percolation test holes shall be clearly identified on the subdivision final plat and identified by a key number or letter designation. The results of such soil tests, including stratified depths of soils and final percolation rates for each lot shall be recorded on or with the final plat. All soil tests shall be conducted at the owner's expense.

_____ 4. WATER SUPPLY INFORMATION

_____ A. Statement must be provided indicating how individual homeowners will obtain water for household and related uses.

_____ B. If water is to be provided from an existing public water system, a letter must be furnished by those responsible for the system stating that the development can be served adequately.

_____ C. If a new public water system is proposed, a letter of feasibility must be issued by the Utah State Department of Environmental Quality, Division of Drinking Water.

- _____ D. If a non-public water system will serve the development, the Tooele County Health Department Rules for Non-Public Water Systems (1-14 Connections) must be followed. Information that must be submitted includes:
 - _____ I. If individual wells are proposed, then wells need to be developed on 10% of the proposed lots as described in Section 5.2(b).
 - _____ II. Evidence of sufficient water rights, as issued by the Utah Division of Water Rights
 - _____ III. Well drillers' log if well is source of water, Section 6.1(c).
 - _____ IV. Satisfactory bacteriological and chemical quality analysis as specified in Section 6.1(a)(b) of the Tooele County Health Department rules.
 - _____ V. Documentation of adequate protection area surrounding all water sources, as specified in Section 8 of Tooele County Health Department rules.
 - _____ VI. For developments with 5-14 connections plan approval, as specified in Section 11.6 of the Tooele County Health Department rules, is required prior to construction.
- _____ E. If individual water wells are anticipated as sources of supply for each lot, a statement from the Utah Division of Water Rights must be submitted indicating feasibility of obtaining groundwater suitable in quantity and quality throughout the subdivision area.
- _____ F. Where required, fire flows shall be included with plan submittal. Fire flows must be included in storage capacity, and shall be included in sizing the distribution lines for peak flows.

After review of all information, plans, and proposals, the Tooele County Health Department will send a letter to the individual who submitted the feasibility report stating the results of the review or the need for additional information. An affirmative statement of feasibility does not imply that it will be possible to install onsite wastewater systems on all of the proposed lots, but shall mean that such onsite wastewater systems may be installed on the majority of the proposed lots in accordance with minimum State requirements and any conditions that may be imposed.

Please make sure all information is submitted in a neat, concise package. Feasibility reports lacking appropriate items will be returned. We will not be responsible for storing partially completed packages for individuals. Tooele County Health Department Standards and Regulations for Individual Water Systems.