

# Leach Bed Worksheet

## FIXTURE COUNT CALCULATION CHART

| FIXTURE TYPE                                | UNIT     | X | # OF FIXTURES | = | TOTAL FIXTURE UNITS |
|---|----------|---|---------------|---|---------------------|
| <b>Bath Tub</b>                             | <b>2</b> | X |               | = |                     |
| Bidet                                       | 2        | X |               | = |                     |
| <b>Clothes Washer</b>                       | <b>2</b> | X |               | = |                     |
| Dishwasher (separate from kitchen)          | 2        | X |               | = |                     |
| <b>Lavatory (bathroom sink), single</b>     | <b>1</b> | X |               | = |                     |
| <b>Lavatory, double in master bedroom</b>   | <b>1</b> | X |               | = |                     |
| <b>Shower, single stall</b>                 | <b>2</b> | X |               | = |                     |
| <b>Sink, bar</b>                            | <b>1</b> | X |               | = |                     |
| <b>Sink, kitchen (including dishwasher)</b> | <b>2</b> | X |               | = |                     |
| Sink, service                               | 3        | X |               | = |                     |
| <b>Utility Tub or Sink</b>                  | <b>2</b> | X |               | = |                     |
| <b>Water Closet (toilet), 1.6 GPF</b>       | <b>3</b> | X |               | = |                     |
| Water Closet (toilet), >1.6 – 3.2 GPF       | 4        | X |               | = |                     |
| Water Closet (toilet), >3.2 GPF             | 6        | X |               | = |                     |
| <b>TOTAL FIXTURE UNITS:</b>                 |          |   |               |   |                     |

**Items in BOLD are the most commonly used fixtures**

"Bedroom" means, for the purposes of determining design flow for an on-site wastewater treatment facility for a dwelling, any room that has:

- a) Floor space of at least 70 square feet in area, excluding closets;
- b) Ceiling height of at least 7 feet;
- c) Electrical service and ventilation;
- d) A closet or an area where a closet could be constructed;
- e) At least one window capable of being opened and used for emergency egress; and
- f) A method of entry and exit into the room which allows it to be considered distinct from other rooms in the dwelling to afford a level of privacy customarily expected for such a room.

### Bedroom/Equivalent Worksheet

| Room Type     | Number of Rooms |
|---------------|-----------------|
| Bedroom       |                 |
| Den           |                 |
| Office        |                 |
| Other:        |                 |
| Other:        |                 |
| Other:        |                 |
| <b>Total:</b> |                 |

**TANK SIZE** (from Septic System Sizing Chart) = \_\_\_\_\_

**DESIGN FLOW** (from Septic System Sizing Chart) = \_\_\_\_\_

**PERCOLATION RATE**  
(from the Soils Report or Disposal Area Calculation Table) = \_\_\_\_\_

**SOIL ABSORPTION RATE**  
(from the Soils Report or Disposal Area Calculation Table) = \_\_\_\_\_

**TOTAL SQUARE FOOTAGE REQUIRED**  
(divide DESIGN FLOW by SAR or use Design Flow Calculation Table) = \_\_\_\_\_

**DIVISOR USED** (see Example Calculations for detailed instructions) = \_\_\_\_\_

**TOTAL LINEAR LENGTH OF BED** (divide TOTAL SQUARE FOOTAGE by DIVISOR) = \_\_\_\_\_

|                                 |       |
|---------------------------------|-------|
| Proposed Number of Beds         | _____ |
| Proposed Length of Bed          | _____ |
| Proposed Width of Bed           | _____ |
| Proposed Overall Depth of Bed   | _____ |
| Proposed Effective Depth of Bed | _____ |

- The maximum length for any disposal field is 100'. If the total linear length of the bed is greater than 100', use a distribution box to divide the total length into multiple beds of equal length to distribute the effluent more effectively throughout the disposal field.
- The separation between piping in the bed is 4' to 6'.
- Additional inspection risers, placed along the sides of the bed, halfway between the other risers, are required for any bed greater than 50' in length.

Permit/File #:

Designed by:

Date: