

Marian Meadows Estates

Anticipated water usage from KCWD #3

120 ERU's

Breakdown:

Residential

77 dwelling units

77 ERU's

12 town homes

12 ERU's

Sub total

89 ERU's

Storage Complex-184 day season

15 RV Pads (per WSHD septic design standards) 120 GPD

4.45 ERU's

12 Camp sites (per WSHD septic design standards) 75 GPD

2.23 ERU's

Sub Total

6.68 ERU's

R V Dump Station (2 locations – 365 days)

.4 ERU's

Known ERU's needed for Plat

96.08 ERU's

Additional ERU's set aside for other uses:

23.92 ERU's

Design criteria determined using Table 4 from Washington State Health Department Large On-site Sewage System Regulations Chapter 246-272B WAC

Table 4 sets the design criteria for Typical Flows for Nonresidential Facilities. It is assumed that this table has been established with historical data determining the design for septic waste with specific uses and should provide a reliable basis in determining actual water uses and needed ERU's of the plat for non-residential needs.