

**Job #: 23-180**

**Project Address:**

**515 S Yoder Rd, 80864**



**Tank Size & Design Flow**

**1000** Gallon Tank(s) (1 - 1000 Gallon Septic Tank; 48 Hour Usage Retention Min.)  
**180** Wastewater Design Flow in GPD from maximum proposed occupancy (See Below)

**Water Usage Disclaimer (Design void if not signed):**

I \_\_\_\_\_ (property manager) certify that the proposed occupancy is accurate to the best of my knowledge. I understand that water usage may change over time and can have an effect on the functionality of the septic system designed by JDM Consulting, LLC. JDM Consulting, LLC is not responsible for issues caused within the soil treatment area due to fluctuating water usage.

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

**Profile Evaluation**

Reference Documents: Profile Evaluation by JDM Consulting, LLC Dated: September 14, 2023, Job # 23-180

Receiving Soil Type: **Type 4A**  
 LTAR of Soil: **0.15** Gal/day/sq.ft.

**Soil Treatment Area**

**Design Flow / LTAR = SF Required**

**1200** Sq.ft. (Unadjusted)

**840** Sq.Ft. (Adjusted)

**Adjustment Factors (Table 10-2, 10-3)\***

<b>1.0</b>	Application -	<b>Bed - Pressure Dosed</b>
<b>0.7</b>	Distribution Media -	<b>Chambers</b>
<b>1.0</b>	Diverter Valve Used -	<b>No</b>

*\*No Adjustments Allowed for Type R Soils*

# of Chambers - Arc 36 (15 sq.ft. per Chamber)

**56** Minimum

# of Chambers - Quick 4 (12 sq.ft. per Chamber)

**70** Minimum