

Installer Summary

1000 gallon Septic tank (minimum)

Tank options: Effluent filter & alarm req'd

533 gallon Dose tank (minimum)

Install 1650 Jacobson 2/Compartment tank
at 12.69 gpi

18 GPM @ 21 ft. of head, Pump required

3.9 inch swing on Demand float which translates to roughly 3.0 inches of float tether length

if time dosing is required --> 2.7 minutes ON time & 5.1 hours OFF time

16 inches from bottom of tank to "pump ON" float, or 12 inches to "timer ON" float

19 inches from bottom of tank to "Hi Level Alarm" or 29 inches to "Hi level alarm" if time dosed

35 ft. of 2.0 inch supply line with end feed manifold connection

(Tip: "top feed" manifold to control drainback)

12 inch or 1.0 ft. Sand Lift Mound

10.0 ft. wide by 25.0 ft. long Rock bed

3 laterals 1.50 inch diameter 23.0 ft. long 3.0 ft. lateral spacing

1/4 inch perfs 3.0 ft. perforation spacing

Yes Effluent filter & alarm

3 clean out & valve box assemblies

24.0 ft. Total sand ABSORPTION width (minimum)

5.0 ft. upslope and sideslope (sand beyond rockbed, minimum)

9.0 ft. Downslope (sand beyond rockbed, minimum)

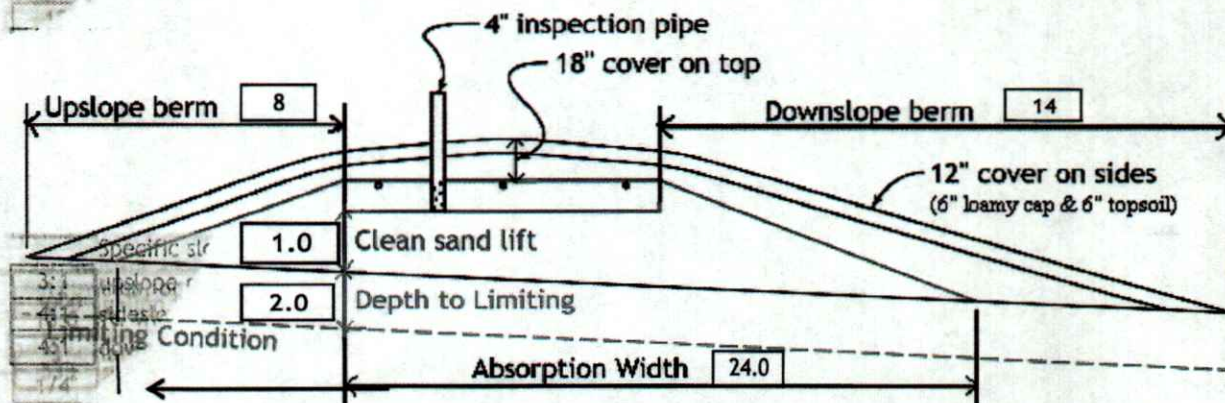
Specific slope ratios give BERM widths (topsoil beyond rockbed) of:

3:1 upslope ratio 8 ft. upslope berm

4:1 sideslope 13 ft. West sideslope berms

East Sideslope Berm 3:1 or 10 feet wide

4:1 downslope 14 ft. downslope berm



Note:

For 0 to 1% slopes, **Absorption Width** is measured from the **Bed** equally in both directions.
For slopes >1%, **Absorption Width** is measured downhill from the upslope edge of the **Bed**.

Rock Bed:	12.0 yd ³ or *1.4=	17 ton	9 inches under pipe
Mound Sand:	52 yd ³ or *1.4=	73 ton	
Loamy Cap:	30 yd ³ or *1.4=	42 ton	6" deep
Topsoil:	37 yd ³ or *1.4=	52 ton	6" deep