Installer Summary

1000 gallon Septic tank (minimum)

Tank options: Effluent filter & alarm req'd
Install 1650 Jacobson Compartment tank
at 12.69 gpi

533 gallon Dose tank (minimum)

27 GPM @ 19 ft. of head, Pump required
5.8 inch swing on Demand float which translates to roughly 3.9 inches of float tether length
if time dosing is required --> 2.7 minutes ON time & 5.1 hours OFF time
18 inches from bottom of tank to "pump ON" float, or 12 inches to "timer ON" float
21 inches from bottom of tank to "Hi Level Alarm" or 31 inches to "Hi level alarm" if time dosed

50 ft. of 2.0 inch supply line with end feed manifold connection
(Tip: "top feed" manifold to control drainback)

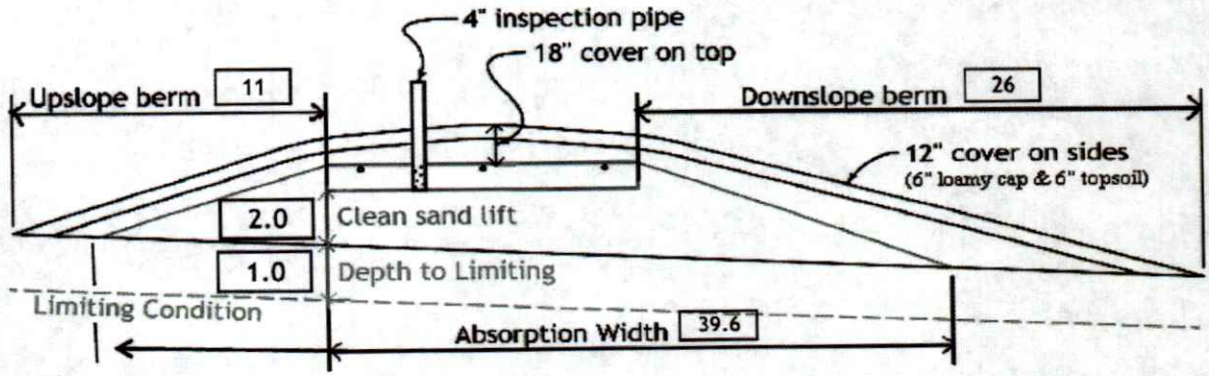
24 inch, or 2.0 ft. Sand Lift Mound
10.0 ft. wide by 37.5 ft. long Rock bed
3 laterals 1.50 inch diameter 35.5 ft. long 3.0 ft. lateral spacing
1/4" inch perfs 3.0 ft. perforation spacing

yes Effluent filter & alarm
3 clean out & valve box assemblies

39.6 ft.Total sand ABSORPTION width (minimum)
8.6 ft. upslope and sideslope (sand beyond rockbed, minimum)
21.0 ft. Downslope (sand beyond rockbed, minimum)

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

4:1 upslope ratio 11 ft. upslope berm
4:1 sideslope 20 ft. sideslope berms
4:1 downslope 26 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:	17.0	yd^3 or *1.4=	24	ton
Mound Sand:	240	yd^3 or *1.4=	336	ton
Loamy Cap:	71	yd^3 or *1.4=	99	ton
Topsoil:	81	yd^3 or *1.4=	113	ton

9 inches under pipe
calculation based on 3:1/4:1 slope from top of rockbe
6" deep
6" deep