2011 purple code

## Mound Design - Aitkin county www.SepticResource.com (vers 15.2)

3 bedroom 450 GPD desig No Garbage of	36374 Nature Ave. Aitkin MN 56431 PID: 15-0-040200  Replacement for a Non-Comforming Septic System  enter data = adjust if desired = computer calculated - DO NOT CHANGE!  Type
nstructions: = 6  3 bedroom  450 GPD design  No Garbage of 1000 Gal Seption	Replacement for a Non-Comforming Septic System  enter data = adjust if desired = computer calculated - DO NOT CHANGE!  Type   Residential System  gn flow  disposal or pumped to septic   Install 1650 Jacobson Compartment tank 1120/533  c tank (code minimum)   1000 Gal Septic tank (design size / LUG req'd)  Tank options: Effluent filter & alarm req'd
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1.2 GPD/ft <sup>2</sup> m	
10.0 ft rockbe	ed width 37.5 ft rockbed length
3.0 ft lateral	spacing 3.0 ft perforation spacing (maximum of 3 for both) end feed manifold connection
3 laterals	35.5 feet long 12.0 perfs / lateral 36 perfs total (1/2 a perf means the first perf starts at the middle feed manifold)
1/4" inch perfs	
for this perf size	& spacing, & pipe size on line 12, max perfs/lateral = 16, line #8 must be less> OK
7.0 doses per	전에 보면 100 전에 보면 보다 전혀 100명이 되었다. 그리고 있는 100명이 되었다. 100명이 되었다. 100명이 되었다. 100명이 되었다.
64 gallons pe	er dose (treatment volume)
	1.50 5x
1.50 inch diam	neter laterals must be used to meet "4x pipe volume" requirement
50 feet of	2.00 3x  2.00 inch supply line leads to 9 gallons of drainback volume
4) 73 gallons TO	(Tip: "top feed" manifold to control the drainback)  OTAL pump out volume (treatment + drainback)
5 12 feet west	and life from name to move distance lands to a
5) 12 feet verti 6) 27 GPM @	cal lift from pump to mound laterals, leads to a:  19 feet of head, Pump requirement (note: >50gpm may require an extra 3-6' of head)
500 gal Dose t	tank (code minimum) 533 gal Dose tank (design size / LUG req'd) at 12.69 gpi
	g on Demand float, or timed dosing of 2.7 min ON (confirm pump rate with drawdown
	rs Average flow, =70% of Peak design flow) 5.1 hrs OFF test and adjust as necessary)
	om bottom of tank to "Pump OFF" float om bottom of tank to "Pump ON" float, or 12 inches to "Timer ON" float if time dosed
	om bottom of tank to "Hi Level" float, or 31 inches to "Hi Level" float if time dosed
	eserve capacity (after High Level Alarm is activated)