

## INSPECTOR CHECKLIST - mound

39545 State Hwy 18 Aitkin MN 56431

WELL setbacks:

20' to pressure tested sewer line (5 psi for 15 min)

50' to everything 100' to dispersal area with shallow well

PROPERTY LINES setback:

10' to everything

Road setback:

platted: 10' prop line. Metes & bounds: out of road easement, or outer ditch.

LAKE / BLUFF setback:

20' for bluff. Lakes: GD \_\_, RD \_\_, NE \_\_. Protected wetland \_\_.

Building setbacks:

10' for everything, 20' for dispersal area.

WATER LINE under pressure se 10' to bed, tank & sewer line. (else sewer line > 12" below, else ok w/pvc)

Sewer line & baffle connection (no 90's, 3' between 45's, slope min 1" in 8', max 2" in 8')  
(no depth req's, clean out every 100', Sch 40 pipe)

Septic tank and risers (water tight, insulated, proper depth, existing verified by pumping)

mfg \_\_\_\_\_ 1000 gallons Effluent filter & alarm req'd

Riser over outlet, riser over inlet or center, and 6"+ inspection pipe over any remaining baffles.

Yes effluent filter & alarm

Dose tank risers and piping (water tight, insulated, proper depth, drainback)

mfg \_\_\_\_\_ 533 gallons

dose pump \_\_\_\_\_ 18 gpm 21 head VERIFY PUMP CURVE 2.7 min ON 5.1 hr OFF

float setting drop 3.9 inches at 12.7 gpi "DESIGNED" 3.0 inches approx float tether length  
49.0 gal dose divided by \_\_\_\_\_ gpi "INSTALLED" = \_\_\_\_\_ inches float drop (field corrected)

LABEL pump requirements and drawdown on riser or panel

Cam lock reachable from grade - 30" max. J-hook weep hole. Supply line access (no hard 90's)

2.0 inch supply pipe: Sch40, sloped 1/8"+, supported by 4" sch40 sleeve or compacted, and buried 6"+.

splice box / control panel / electrical connections

flow measurement: CT, ETM, time dosed, home water meter

mound-absorption area rough up

mound rock dimensions 10.0 X 25.0

Sand lift depth 12 inches. (Jar test : 2" sand leaves < 1/8" silt after 30 min)

Absorption Sand beyond rock 5.0 upslope 9.0 downslope

Bermed topsoil beyond rockbed 8 upslope 13 sideslope 14 downslope

cover depth of 12-18"+

VERIFY

3 laterals (1-2' from edge of rock)

1.50 inch pipe size (Sch40 pipe & fittings)

3.0 ft lateral spacing

1/4" inch perforations

3.0 ft perforation spacing

Air inlet at end of laterals, and at top feed manifold if necessary.

VERIFY

clean outs (no hard 90's)

4" inspection pipe to bottom of rock, anchored

VERIFY

Abandon existing system - if necessary

☐ Re-use existing tank certification

monitoring plan and type

well abandonment form - if necessary

3.0 ft lateral

1/4" inch

3.0 ft