PRESSURE MANIFOLD 25% REDUCTION FOR WASTEWATER TREATMENT

Owner: DIRTY MO ACRES, LLC

Address: PO BOX 330
MOORESVILLE, NC 28115

Phone:
County: Iredell
Location: DIRTY MO ACRES TRACT 3

Source of Wastewater Flow: 2 Bedroom DUPLEX Residence
Estimated Daily Wastewater Production: 240 gpd
System Flow: NA

Design Specifications

Drainfield Size: 300
Loading Rate: EXISTING
Depth of Gravel in Trench: NA (25% reduction)
Gravel Size: NA (25% reduction)
Trench Depth: 36 in.
Trench Width: 36 in.
Septic Tank Size: 1000
Pump Tank Size: 1000

Estimated Supply Line Length: 82
Supply Line Diameter: 3 in. SCH 40 PVC
Supply Line Volume: 31.49
Dosing Volume: 137.13
Supply Manifold: 4 IN SCH. 40
Supply Manifold Length: 24 IN.
Supply Manifold Volume: N/A

Pressure Head: 2
Friction Head: 9.57
Elevation Head: 6.30
Total Dynamic Head: 11.00

Threaded Union: YES
Gate Valves: IN TANK
AT MANIFOLD
Check Valves: YES
Anti-Siphon Hole: YES
Additional Comments: Soil suitability was performed by Rollans Soil & Environmental Services.