

PERFORMANCE STANDARDS

POLLUTANT	BASELINE SYSTEM STANDARDS Septic tank effluent	BASELINE SYSTEM STANDARDS @ base of 24 inch unsaturated zone	AEROBIC TREATMENT UNIT (effluent)	SECONDARY TREATMENT STANDARDS (effluent)	ADVANCED SECONDARY TREATMENT STANDARDS (effluent)	ADVANCED WASTEWATER TREATMENT STANDARDS (effluent)
CBOD₅ (Carbonaceous Biochemical Oxygen Demand)	120-240 mg/l	< 5 mg/l	=or< 25 mg/l	=or< 20 mg/l	=or< 10 mg/l	=or< 5 mg/l
TSS (Total Suspended Solids)	65-176 mg/l	< 5 mg/l	=or< 30 mg/l	=or< 20 mg/l	=or< 10 mg/l	=or< 5 mg/l
TN (Total Nitrogen)	36-45 mg/l	15-25 mg/l	not applicable	not applicable	=or< 20 mg/l	=or< 3 mg/l
TP (Total Phosphorus)	6-10 mg/l	< 5 mg/l	not applicable	not applicable	=or< 10 mg/l	=or< 1 mg/l
Fecal coliform		undetected	not applicable	=or< 200 fc col/100 ml	=or<200 fc col/100 ml	BDL for 100 ml
DRAINFIELD REDUCTIONS (cBOD5 and TSS see note 1)	not applicable	not applicable	25% in slightly limited soil	25% in slightly limited soil	40% in slightly limited soil	40% in slightly limited soil
REDUCE: SETBACKS surface water groundwater drains dry retention & swales SEPARATIONS to SHWT	no change no change no change no change	no change no change no change no change	no change no change no change no change	65 ft no change no change no change	50 ft 10 ft 10 ft no change	25 ft 10 ft 10 ft 12 in
INCREASE AUTHORIZED FLOWS	no change	no change	no change	25%	50%	100%

NOTES:

1. Drainfield size reductions depend on achieving the results above for CBOD₅ and TSS. TN, TP and fecal coliform do not apply.