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FLORIDA PERFORMANCE STANDARDS (long-term averages)

| POLLUTANT | BASELINE SYSTEM STANDARDS Septic tank (effluent) (64E-6.025(3)) | BASELINE SYSTEM STANDARDS @ base of 24 inch unsaturated zone (64E-6.025(3)) | AEROBIC TREATMENT UNIT ≤1500 gpd (effluent) (NSF-40) | SECONDARY TREATMENT STANDARDS (effluent) (64E-6.025(3)) | ADVANCED SECONDARY TREATMENT STANDARD (effluent) (64E-6.025(1)) | FLORIDA KEYS NUTRIENT REDUCTION TREATMENT (effluent) (64E-6.025(8)) | ADVANCED WASTE-WATER TREATMENT STANDARDS (effluent) (64E-6.025(2)) |
|--|--|--|---|--|--|--|---|
| CBOD₅ (Carbonaceous Biochemical Oxygen Demand) | 120-240 mg/l | < 5 mg/l | ≤ 25 mg/l | ≤ 20 mg/l | ≤ 10 mg/l | ≤ 10 mg/l | ≤ 5 mg/l |
| TSS (Total Suspended Solids) | 65-176 mg/l | < 5 mg/l | ≤ 30 mg/l | ≤ 20 mg/l | ≤ 10 mg/l | ≤ 10 mg/l | ≤ 5 mg/l |
| TN (Total Nitrogen) | 36-45 mg/l | 15-25 mg/l | not applicable | not applicable | ≤ 20 mg/l | ≤ 10 mg/l | ≤ 3 mg/l |
| TP (Total Phosphorus) | 6-10 mg/l | < 5 mg/l | not applicable | not applicable | ≤ 10 mg/l | ≤ 1 mg/l | ≤ 1 mg/l |
| Fecal coliform | 1E+4 to 1E+7 (WERF 2009) | undetected | not applicable | ≤ 200 fc col/100 ml | ≤ 200 fc col/100 ml | Depends on Disposal | BDL for 100 ml |
| DRAINFIELD REDUCTIONS (cBOD ₅ 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 | no change | no change | no change | 65 ft | 50 ft | | 25 ft |
| groundwater | no change | no change | no change | no change | 10 ft | | 10 ft |
| drains | | | | | | | |
| dry retention & swales | no change | no change | no change | no change | 10 ft | | 10 ft |
| SEPARATIONS to SHWT | no change | no change | no change | no change | no change | | 12 in |
| INCREASE AUTHORIZED FLOWS | no change | no change | no change | 25% | 50% | | 100% |

Note 1: Drainfield size reductions depend on achieving the results above for CBOD₅ and TSS. TN, TP and fecal coliform do not apply.
 f/n: Performance information/table02_2015.doc