

Comparison of Standards By Water Supply Watershed 06.24.2010

Type of Standard	Smith Creek WSW-II	Little River WSW-II	Swift Creek WSW - III	Jordan WSW - IV	Pending Stormwater Regs for Jordan	Falls Lake WSW - IV	Pending Fall Lake Nutrient Stds.
Impervious Surface Residential	30% per zoning	30% per zoning	Varies from 6% to 30% depending on which regulation is most restrictive. Swift Creek Land Management Plan Performance Standards or 30% per zoning	30% per zoning	30% per zoning	30% per zoning	n/a
Impervious Surface Non-residential	6% critical area, 12% non-critical area	6% critical area, 12% non-critical area	6% critical area, 12% non-critical may be increased to 24% w/SW mgt. of first 1/2" or 1" rainfall runoff depending on land use classification under SCLMP Performance Standards	6% critical area, 12% non-critical area may be increased to 24% w/SW mgt. of first 1/2" rainfall runoff	n/a	6% critical area, 12% non-critical area may be increased to 24% w/SW mgt. of first 1/2" rainfall runoff	n/a
Minimum Lot size	80,000 sq. ft. in critical area (R-80W); 40,000 sq. ft. in non-critical area (R-40W)	80,000 sq. ft. in critical area (R-80W); 40,000 sq. ft. in non-critical area (R-40W)	80,000 sq. ft. in critical area (R-80W); 40,000 sq. ft. in non-critical area (R-40W)	80,000 sq. ft. in critical area (R-80W); 40,000 sq. ft. in non-critical area (R-40W)	n/a	80,000 sq. ft. in critical area (R-80W); 40,000 sq. ft. in non-critical area (R-40W)	n/a
Riparian Buffers	100' perennial streams & water supply impoundments w/drainage areas of 25 or more acres	100' perennial streams & water supply impoundments w/drainage areas of 25 or more acres	100' perennial streams & water supply impoundments w/drainage areas of 25 or more acres	100' perennial streams & water supply impoundments w/drainage areas of 25 or more acres	50' buffers on all surface waters	100' perennial streams & water supply impoundments w/drainage areas of 25 or more acres	50' buffers on all surface waters
Peak Flow Mgt	No net increase-1 yr. 24 hr. storm	No net increase-1 yr. 24 hr. storm	No net increase-1 yr. 24 hr. storm	No net increase-1 yr. 24 hr. storm	No net increase-1 yr. 24 hr. storm	No net increase-1 yr. 24 hr. storm	No net increase-1 yr. 24 hr. storm
Total Suspended Solids	none	none	none	none	if nutrient targets are not met without stormwater controls, then engineered stormwater controls must be used to achieve 85% TSS removal	none	none
Nitrogen Export Limit - Residential & Non-residential	Limit export rate to 3.6 lbs/ac/yr	Limit export rate to 3.6 lbs/ac/yr	Limit export rate to 3.6 lbs/ac/yr	Limit export rate to 3.6 lbs/ac/yr	Upper New Hope (UNH) 2.2 lbs/ac/yr & Lower New Hope (LNH) 4.4 lbs/ac/yr	Limit export rate to 3.6 lbs/ac/yr	Limit export rate to 2.2 lbs/ac/yr
Min. residential onsite nitrogen export target that must be achieved before using offsite offsets	6 lbs/ac/yr	6 lbs/ac/yr	6 lbs/ac/yr	n/a - County applies Neuse Rules in Jordan. No buydown available.	6 lbs/ac/yr	6 lbs/ac/yr	50% removal of N from untreated condition onsite, remaining reduction can be achieved offsite
Min. non-residential onsite nitrogen export target that must be achieved before using offsite offsets	10 lbs/ac/yr	10 lbs/ac/yr	10 lbs/ac/yr	n/a - County applies Neuse Rules in Jordan. No buydown available.	10 lbs/ac/yr	10 lbs/ac/yr	50% removal of N from untreated condition onsite, remaining reduction can be achieved offsite
Phosphorus Export Limit (Residential & Non-residential)	n/a	n/a	n/a	n/a	Upper New Hope (UNH) 0.82 lbs/ac/yr & Lower New Hope (LNH) 0.78 lbs/ac/yr	n/a	Limit export rate to 33 lbs/ac/yr
Min. residential onsite phosphorus export target that must be achieved before using offsite offsets	n/a	n/a	n/a	n/a	6 lbs/ac/yr	n/a	60% removal of P from untreated condition onsite, remaining reduction can be achieved offsite
Min. non-residential onsite phosphorus export target that must be achieved before using offsite offsets	n/a	n/a	n/a	n/a	10 lbs/ac/yr	n/a	60% removal of P from untreated condition onsite, remaining reduction can be achieved offsite
Volume Control Residential	1st 3" of rainfall	1st 3" of rainfall	1st 3" of rainfall	1st 3" of rainfall	n/a	1st 3" of rainfall	n/a
Volume Control Non-residential	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Stormwater Management	n/a	n/a	First 1/2" or 1" rainfall runoff if >12% impervious up to 24% max. depending on land use classification under SCLMP	1st 1/2" rainfall runoff if >12% impervious up to 24% max. (non-residential only)	1st inch of rainfall runoff	1st 1/2" rainfall runoff if >12% impervious up to 24% max. (non-residential only)	1st inch of rainfall runoff
Fertilizer Management Rules	none	none	none	none	Trained applicator or pursuant to nutrient plan. Does not apply to use by homeowner on residential prop.	none	Trained applicator or pursuant to nutrient plan. Does not apply to use by homeowner on residential prop.

Highlight indicates standard more restrictive than Falls Lake WSW