



## Stormwater Quality Improvement Plan

Job Site Address:		
Lot No. & Subdivision:		
Applicant:		
Owner:		
Owner Signature:		Date:

### Completing a Stormwater Quality Improvement Plan:

- Please indicate the selected measure(s) or practice(s) to be implemented in the table below as part of the Stormwater Quality Improvement Plan. A total of 30 points must be achieved for plan approval.
- A site plan clearly showing proposed practice locations must be provided.
- Applicable calculations and other information should be provided, dependent upon practice(s) selected (e.g. locations and areas of impervious and drainage areas, discharge points, distances, etc.), as indicated in the table below.
- All plans must be fully implemented within 90 days from the date of issue of the Certificate of Occupancy. If the plan cannot be implemented within this timeframe, a request for extension must be submitted.
- Documentation must be provided that clearly shows completion of the approved plan. **An inspection may be scheduled with the County in lieu of documentation for some of the selected practices, as indicated in the table below.**

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Tool	Points	Score	Required Plan Components	Documentation
Any combination of engineered practices (e.g. biocells) and SQR that treats one hundred percent (100%) of the water quality volume (WQv) for the impervious areas.* †	30		Engineered practices: Site plan, design calculations, design drawings. SQR: Site plan, design calculations, materials calculation.	Final inspection for engineered practices. Receipts and/or photos, or onsite inspection during implementation of SQR.
SQR completed on all areas impacted or disturbed during construction. Construction limits must be established and will be coincident with the SQR limits.*	30		Site plan (if choosing this option, please complete Section A below).	Receipts and/or photos, or onsite inspection during implementation of SQR.
One hundred percent (100%) preservation of sensitive woodland and a 50 foot buffer, on a buildable lot that is equal to or greater than 50% sensitive woodland.	25		Site plan showing woodland and 50' buffer. Area of buildable lot and area of sensitive woodland on buildable lot.	Final inspection by County.
One hundred percent (100%) preservation of slopes fifteen percent (15%) or greater with a fifty (50) foot buffer provided between these slopes and all impervious areas. The protected slopes must be down gradient from the on-site development.	20		Site plan showing slopes of 15% or greater and 50' buffer.	Final inspection by County.
Any combination of engineered practices (e.g. biocells) and SQR that treats the water quality volume (WQv) for at least fifty percent (50%) of the impervious area of the site. * †	15		Engineered practices: Site plan, design calculations, design drawings. SQR: Site plan, design calculations, materials calculation.	Final inspection for engineered practices. Receipts and/or photos, or onsite inspection during implementation of SQR.
Planting of large-growth native trees within any newly planted lawn or landscaped developed area. This credit is only available when no trees have been removed.	Up to 15		Site plan showing planting area and tree selection.	Final inspection by County.

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<ul style="list-style-type: none"> <li>• 5 points for planting one (1) or two (2) trees.</li> <li>• 5 additional points for planting three (3) or four (4) trees.</li> </ul> <p>5 additional points for planting five (5) or more trees.</p>				
<p>Use of native vegetation downslope of concentrated discharge (e.g. downspouts) and/or in flow paths to slow and infiltrate runoff.</p> <ul style="list-style-type: none"> <li>• Provisions need to be included for ensuring successful growth in concentrated flow paths (e.g. plugs, erosion control matting, etc.).</li> <li>• Any native species noted in the Tallgrass Restoration Handbook by Packard and Mutel can be included in species selection.</li> </ul> <p>The planted area must be at least 10% of the total impervious area of the dwelling, with length of the planting area equal to at least two (2) times the width of the planting area.</p>	10		Site plan showing planting areas with dimensions, as well as impervious area dimensions, plans for ensuring successful growth, and plant selection.	Final inspection by County.
Establishment of a 100-foot separation between impervious areas and any down-gradient slopes that are 6% or greater.	10		Site plan showing slopes of 6% or greater and 100' buffer.	Final inspection by County.
Pop-up drain emitters to dissipate discharge from downspouts.	5		Site plan showing placement of pop-up drain emitters.	
Innovative practices. Must demonstrate the ability of the proposed practice to slow and infiltrate runoff.	5		Site plan, calculations, drawings, as necessary.	Subject to proposed practice(s).
<b>Total Score</b>				

\* Soil quality restoration (SQR) cannot be used to claim points for more than one category.

† Proposed practices must account for the entire area draining to the practice.

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## Soil Quality Restoration

In the case for which SQR is implemented for the entire impacted area (Option 3, 25 points), *water quality* calculations are NOT required. The following two methods can be used. Please indicate the method selected:

Method 1:

- **Soil Testing Required**
- If there is 8" of existing topsoil as supported by results from soil tests (OM of 2% or greater for all samples, minimum of 3 samples), stockpile and respread to a depth of 8" after construction.

Method 2:

- **Soil Testing NOT Required**
- Assume minimal topsoil. Stockpile what is there, blend with 1" of compost, respread and till.

If documentation is not provided as required, OR an inspection by the County at time of implementation is not requested, post-construction soil testing may be required to show that the organic matter content is 2% or greater. If soil tests show that the organic matter content is less than this, compost amendment will be necessary.