

STORMWATER MANAGEMENT PLAN (SMP) GUIDANCE

This document provides guidance for developing a Stormwater Management Plan for any project subject to the [RI Stormwater Management Design and Installation Rules](#) (250-RICR-150-10-8). Further detailed guidance is provided in the [RI Stormwater Design and Installation Manual](#) (RISDISM).

Instructions for Creating and Submitting a Stormwater Management Plan

The following programs require submittal of a SMP:

- ✓ Freshwater Wetlands (FWW)
- ✓ Water Quality Certification (WQC)
- ✓ Groundwater Discharge/Underground Injection Control (UIC)
- ✓ RIPDES Construction General Permit (CGP)

A full SMP does not need to be submitted in the following scenario (A SMP must still be developed and the Appendix A Checklist must be submitted):

- ✓ The ONLY permit required is a RIPDES CGP (i.e. none of the other permits listed above are required) and less than five (5) acres will be disturbed over the course of the entire project.

This guidance document covers the four (4) required components of a SMP. **Site plans must be submitted in addition to the SMP.** Visit the [Stormwater Construction Permitting Website](#) and the [RI Stormwater Management Rules and Guidance Website](#) for further application instructions and additional guidance materials.



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Component One (1):

Appendix A Checklist and Low Impact Development (LID) Planning Report

[The Appendix A Checklist](#) is a form created by RIDEM that guides the applicant through the minimum standards in the [Stormwater Rules](#) that must be addressed in the SMP for an individual project.

The form includes an LID planning section to help the applicant identify LID design methods, procedures and practices, and applicable LID credits for the project.

The checklist is required for ALL submissions and is a good place to start the SMP process in order to identify the required information for the additional SMP components.



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Component Two (2): Stormwater Site Planning Analysis and Design

This section must include the following:

- ✓ A Project Narrative
- ✓ Hydrologic and Hydraulic Analyses
- ✓ Best Management Practice (BMP) Volumes
- ✓ Supporting Calculations

And address the following minimum standards of the Stormwater Rules (as applicable):

- ✓ 3: Water Quality
- ✓ 4: Conveyance and Natural Channel Protection
- ✓ 5: Overbank Flood Protection
- ✓ 8: Land Uses with Higher Potential Pollutant Loads (LUHPPL).

Guidance is available in the following [RISDISM](#) Appendices:

- ✓ B: Vegetation Guidelines and Planting List
- ✓ C: Retrofitting for Stormwater Management
- ✓ F: BMP Construction Specifications
- ✓ I: RI River and Stream Order
- ✓ K: Hydrologic and Hydraulic Modeling Guidance.



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Component Three (3): Soil Erosion and Sediment Control (SESC) Plan

RIDEM recommends developing the SESC Plan as a stand-alone document using the [SESC Plan Template](#).

The SESC Plan should include the following:

- ✓ Erosion, Runoff and Sediment Control Practices
- ✓ Construction Pollution Prevention Practices
- ✓ Control Practice Installation, Inspection, and Maintenance Requirements
- ✓ Site Plans Depicting SESCOs (can be separate or part of larger plan submission)

And address the following minimum standards of the Stormwater Rules:

- ✓ 10: Construction Activity Soil Erosion, Runoff, Sedimentation and Pollution Prevention Measure Control Requirements

Guidance is available in the [Rhode Island Soil Erosion and Sediment Control Handbook](#) (RISESCH).



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Component Four (4): Post-Construction Operation and Maintenance (O&M) Plan

The Post-Construction O&M Plan should include the following:

- ✓ Responsible party(ies) and Maintenance Agreement
- ✓ Long-term O&M for each Stormwater Practice/BMP
- ✓ Post-construction Pollution Prevention Measures
- ✓ 8.5" by 11" map (to scale) showing BMP locations
- ✓ Budget and Funding Sources for O&M

And address the following minimum standards of the Stormwater Rules:

- ✓ 7: Pollution Prevention
- ✓ 11: Stormwater Management System Operation and Maintenance

Guidance is available in the following [RISDISM](#) Appendices:

- ✓ E: Developing Operation and Maintenance Plans
- ✓ G: Pollution Prevention and Source Controls



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