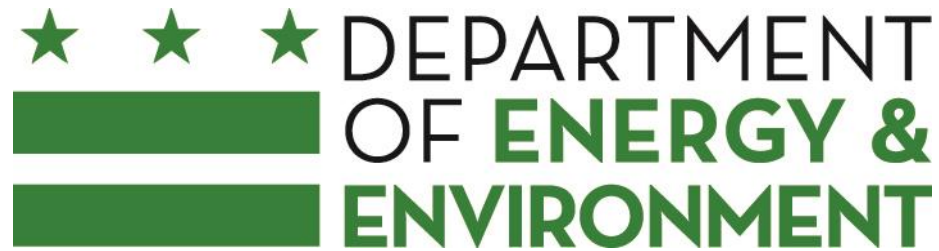


Stormwater Management Plan Process



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Training Objectives

- Master the SWMP Submittal Process
- Become familiar with the role of the Stormwater Database
- Understand when construction and maintenance inspections are required
- Know how to participate in Stormwater Retention Credit (SRC) trading and RiverSmart Rewards

Steps in the SWMP Process

1. Design the plan
2. Prepare the plan
 - Compile plan documents
 - Submit compliance data using the Stormwater Database
3. Visit the DCRA Permit Center
4. Revise plan as necessary and respond to DOEE comments
5. Receive Approval
6. Request Preconstruction Meeting
7. Construct the site with ongoing inspections
8. Submit the As-Built plan and receive a Final Approval Notice
9. Meet Ongoing Obligations and Participate in Financial Incentive Programs
 - Maintain BMPs with ongoing inspections and meet Offv
 - Participate in SRC Trading and RiverSmart Rewards

1. Design

- Consultants
 - Civil, Geotechnical and Structural Engineer
 - Architect and Landscape Architect
- Existing Conditions Analysis
 - Soil Survey
 - Topographic Survey
 - Geotechnical Report
- Design
- Site Constraints
- BMP Opportunities

2a. Plan Documents

1. Permit Application Documents
2. Cover Sheet and General Notes
3. Existing Conditions
4. Demolition
5. Site Design
6. Utility
7. Erosion and Sediment Control (ESC)
 - Excavation and Fill Information
 - DOEE General ESC Notes
8. Stormwater Management Plan
9. Stormwater Calculations
 - BMP Design Calculations
 - SWDB Required Plan Compliance Sheet
10. Design Details and Specifications
 - Required for all proposed work: Utilities, Stormwater BMPs, ESC

2b. Stormwater Database

1. Go to <http://doee.dc.gov/swdb>
2. Request an account
 - Site owner must have an account as well
3. Enter plan information
 - Site location
 - Plan requirements
 - Site Drainage Area information
 - BMP calculations
4. Generate the Required Plan Compliance Sheet to add to the plan set
5. Submit the online compliance data

3. DCRA Permit Center

- Go to the DCRA Permit Center at:
1100 4th Street SW
- Provide DOEE staff the plan number generated by the Stormwater Database
- Pay filing fees
- Upload receipt for fee payment to the Stormwater Database

4. Review and Comment Cycle

- Permit Reviewer Assigned
- Begin Review
- Return to applicant with comments
- Revise and resubmit any changes in the Stormwater Database
- Upload requested documents
- Start preparing Declaration of Covenants

5. Approval

- Declaration of Covenant
- Plan Set
 - 5 Bond Copies
 - 1 Mylar Copy
- Final Fees
 - Stormwater Management
 - Erosion and Sediment Control
 - Green Area Ratio (GAR), if applicable
- Permit Center

6. Preconstruction Meeting

- ESC
 - Request 72 hours prior to land-disturbing activity
- Relevant parties
 - Owner/Agent, Project Manager, Civil Engineer, General Contractor, Sub-contractor
- Approved plans on-site
- Field modifications
- Sequence of construction
- Material verification requirements

7. Construction

- ESC Inspections
 - Initial ESC control inspection
 - Routine ESC inspections
 - Final ESC inspection
- Stormwater BMP Inspections
 - Preconstruction meeting for Stormwater
 - Critical Steps in construction sequence
 - Inspection Checklists
 - Final stormwater inspection
- Substantial Plan Changes
- Meet Offv as of the Final Construction Inspection (if applicable)

8. As-Built and Final Approval

- As-Built Package
 - Due within 21 days of Final Construction Inspection
 - 1 Mylar copy
 - Civil Engineer As-Built Certification
 - Maintenance Responsibility Agreement
 - Supporting Documentation
- As-Built Review
- Final Approval Notice

9a. Maintenance and Offv

- Preventative Maintenance Inspections
 - Within 1st year of construction
 - Every 3 years
- Conduct Maintenance
 - Schedule in Approved Plan
- Maintenance Service Inspections
 - DOEE Service Completion Certification
- Meet Offv (if applicable)
 - Sites with Offv must use SRCs and/or pay in-lieu fee on an ongoing basis
 - Requirement can be met annually or for several years at a time

9b. Financial Incentives

- Stormwater Retention Credit (SRCs)
 - Apply for SRC Certification if the retention volume achieved exceeds the SWRv
 - SRCs can be sold in the market
 - Credits may be certified on an ongoing basis
- RiverSmart Rewards
 - Earn a discount on stormwater fees that appear on the DC Water bill for the property
 - Re-enroll every three years

Questions

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