



# Stormwater Management Installation Checklist

## Pre-Construction & Site Preparation

Tasks to be completed before any stormwater management infrastructure installation begins. Includes site assessment, permits, and initial preparations.

### Permit Application Submission Date

### Permit Approval Date

### Stormwater Management Plan Approved?

- Yes
- No
- Pending

### Description of Existing Site Conditions (Pre-Construction)

## Pre-Construction Soil Testing Results (Infiltration Rate)

Enter a number...

## Copy of Approved Stormwater Management Plan

 Upload File

## Preliminary Site Survey Completed?

Yes

No

## Location of Monitoring Wells (if applicable)

 [Set My Current Location](#)



## Erosion and Sediment Control (ESC)

Verification of implemented erosion and sediment control measures prior to and during installation.

**Confirm SWPPP (Stormwater Pollution Prevention Plan) is on-site and current?**

- Yes
- No
- N/A

**Which of the following ESC measures are currently in place?**

- Silt Fences
- Hay Bales
- Erosion Control Blankets
- Sediment Traps
- Construction Entrance
- Stabilized Construction Access Road
- Other - Specify in LONG\_TEXT

**If 'Other' selected above, please specify:**

Write something...

**Number of silt fences installed:**

Enter a number...

**Length of silt fence installed (feet):**

Enter a number...

**Silt fence condition:**

- Good
- Fair
- Poor
- N/A

**Attach photos of implemented ESC measures.**

 Upload File

## Sediment Basin/Trap Installation

Specific checks for sediment basins/traps, including excavation, liner installation, and outlet structure.

**Basin/Trap Volume (CF)**

Enter a number...

**Inlet Elevation (NAVD88)**

Enter a number...

**Outlet Elevation (NAVD88)**

Enter a number...

### Liner Type

- Geotextile Fabric
- Clay Liner
- Synthetic Liner (Specify)
- None (Excavated Earth)

### Description of Liner Installation and Protection Measures

Write something...

### Outlet Structure Type

- Flared Outlet
- Orifice
- Trash Rack
- Other (Specify)

### Description of Outlet Structure Installation

Write something...

### Photos of Basin/Trap Installation

 Upload File

### Date of Liner Installation

Enter date...

# Detention/Retention Pond Installation

Checks related to pond excavation, grading, embankment construction, and inlet/outlet structures.

## Pond Depth (Maximum)

## Embankment Slope (Horizontal:Vertical)

## Liner Material (If Applicable)

- None (Earth)
- Geotextile Fabric
- Synthetic Liner (Specify Type)

## Description of Liner Installation & Seam Integrity Testing (if applicable)

## Inlet Structure Elevation (relative to pond bottom)

## Outlet Structure Elevation (relative to pond bottom)

### Outlet Control Structure Type

- Weir
- Gate Valve
- Orifice


### Description of Erosion Protection Measures for Embankment (Riprap, Vegetation, etc.)

Write something...

### Date of Initial Pond Grading

Enter date...

### Photographs of Pond Excavation and Embankment Construction

 Upload File

## Swales and Vegetated Channels

Inspection points for swale/channel excavation, grading, vegetation establishment, and discharge points.

### Swale/Channel Bottom Width (ft)

Enter a number...

### Swale/Channel Bottom Slope (%)

Enter a number...

### Channel Side Slopes (H:V)

Enter a number...

### Channel Lining Type

- None (Natural Ground)
- Turf/Grass
- Riprap
- Geotextile Fabric
- Other (Specify in Long Text)

### If 'Other' Lining Type Selected, Please Specify:

Write something...

### Vegetation Types Installed (Check all that apply)

- Grasses
- Ground Cover
- Shrubs
- Trees
- Other (Specify in Long Text)

### If 'Other' Vegetation Selected, Please Specify:

Write something...



### Date of Initial Vegetation Establishment

### GPS Coordinates of Swale/Channel Outfall



## Stormwater Conveyance Structures (Pipes, Inlets, etc.)

Checks for proper pipe sizing, installation, connections, and manhole construction.

### Pipe Diameter (inches)

### Pipe Slope (percent)

### Pipe Material

- PVC
- CMP
- HDPE
- Concrete
- Other (specify in LONG\_TEXT)

### If 'Other' pipe material selected, please specify:

Write something...

### Pipe Bedding

- Sand
- Gravel
- Compacted Fill
- Other (specify in LONG\_TEXT)

### If 'Other' pipe bedding selected, please specify:

Write something...

### Inlet Type

- Curb Inlet
- Catch Basin
- Drop Inlet
- Other (specify in LONG\_TEXT)

If 'Other' inlet type selected, please specify:

Write something...

Attach Photo of Pipe Joint & Bedding

 Upload File

Inspector Signature (Confirmation of Proper Installation)

## Permeable Pavement Installation

Verification of base preparation, paver installation, and underdrain system functionality.

Pavement Thickness (inches)

Enter a number...

Aggregate Base Compaction (% Proctor)

Enter a number...

Pavement Type

- Concrete Pavers
- Asphalt
- Gravel
- Other (Specify)

**Describe any deviations from the approved permeable pavement design.**

Write something...

**Underdrain System Components Installed (check all that apply)**

- Geotextile Fabric
- Perforated Pipes
- Aggregate Surrounding Pipes
- Manholes/Inlets
- Outlet Structure

**Underdrain Outlet Elevation (feet)**

Enter a number...

**Upload Photos of Base Preparation**

 Upload File

**Date of Initial Watering**

Enter date...

## Vegetation Establishment

Monitoring and inspection of plant installation, mulch application, and initial watering/maintenance.

### Date of Initial Planting

Enter date...

### Percent Ground Coverage (initial)

Enter a number...

### Plant Species Present (verified)

- Native Grasses
- Shrubs
- Trees
- Ground Cover
- Other (Specify in Long Text)

### Details of 'Other' Plant Species (if selected above)

Write something...

### Mulch Depth (inches)

Enter a number...

### Mulch Type

- Wood Chips
- Straw
- Compost
- Other

### Details of 'Other' Mulch Type (if selected above)

Write something...

### Irrigation System Functioning (Yes/No)

Enter a number...

### Next Vegetation Inspection Date

Enter date...

## As-Built Documentation & Training

Confirmation that accurate as-built drawings are created and relevant personnel are trained on system operation and maintenance.

### Description of As-Built Documentation Provided

Write something...

### As-Built Drawings - PDF Upload

 Upload File

### Maintenance Manuals - PDF Upload

 Upload File

### Number of Personnel Trained

Enter a number...

### Brief Description of Training Topics Covered

Write something...

### Date of Training Session

Enter date...

### Training Topics Covered (Select All That Apply)

- System Operation
- Routine Maintenance
- Emergency Procedures
- Inspection Reporting
- Regulatory Requirements

### Contractor Representative Signature

### Contractor Representative Printed Name

Write something...