

Permit No.: _____

Date Received: _____

Township of Lawrence
ENGINEERING DEPARTMENT
Soil Disturbance Application
Soil Removal Application

Property Owner: _____
Contact: _____
Address: _____
E-mail: _____
Telephone: _____
Fax: _____

Owner's Agent: _____
Contact: Address: _____
E-mail: _____
Telephone: _____
Fax: _____

Project Location: _____
Tax Map Page(s): _____ Block: _____ Lot(s): _____
Plan(s) Entitled: _____
Plan(s) Date: _____
Prepared by: _____
Total Project Area: _____ Acres Area to be disturbed: _____ Acres

If area to be disturbed is greater than one (1) acre, attach Municipal Verification Form for Mercer County Storm-water Discharge Permit.

Fee Schedule:

(check one)

___ Soil Disturbance \$25.00 per acre, or part thereof: _____ acres times \$25.00 = \$ _____
___ Soil Removal \$100.00 base fee

Signature: _____
Title: _____
Date: _____

**VERIFICATION TO THE CONSERVATION DISTRICT
OF MUNICIPAL CERTIFICATION
SOIL EROSION AND SEDIMENT CONTROL PLANS**

Date: _____

To: Mercer County Soil Conservation District

From: Lawrence Township

Subject: VERIFICATION OF MUNICIPAL SOIL EROSION AND SEDIMENT CONTROL
PLAN CERTIFICATION TO FACILITATE DISTRICT CERTIFICATION OF
STORMWATER DISCHARGE PERMIT

Pursuant to the State Soil Erosion and Sediment Control Act, N.J.S.A. 4:24-39 et seq. and rules thereto regarding municipal implementation of the State approved Soil Erosion Control Ordinance, the following is provided to the Conservation District for required coordination and to assist the District issuance of a Stormwater Discharge Permit NJG0088323. This requirement applies to construction related land disturbances exceeding 1 acre in size; or less than 1 acre but part of a larger plan development or sale; and a single-family lot exempt from the Erosion Control Ordinance that will disturb 1 or more acres of land, must secure N.J.P.D.E.S., Stormwater Construction Discharge Permit, N.J.A.C. 7:14A et seq. effective January, 2006.

Name of Project _____
Project Street Address _____
Municipality _____
Zip Code _____ Block# _____ Lot# _____
Project Owner _____
Project Owner Address _____
Municipality and State _____
Zip Code _____ E-mail Address _____
Brief Description of Project _____
Total Project Area _____ Total Area to be Disturbed _____

To Be Completed by Lawrence Township:

Date Soil Erosion Control Plan Received: _____
Date Soil Erosion Control Plan Certified: _____
Erosion Control Plan was Reviewed by: _____
Title of Plan Reviewed: _____
Erosion Control Plan was Certified by: _____
Title of Certifying Agent: _____
This Form was Completed by: _____

Enclosures: Copy of Certified Soil Erosion and Sediment Control Plan
Copy of official certification notice to project owner/applicant

Township of Lawrence
ENGINEERING DEPARTMENT

Soil Disturbance Application Information

- I. A complete application shall include the following:
 - Application form
 - Appropriate fee
 - Engineer's estimate (in accordance with the current Uniform Unit Price List)
 - Soil Erosion and Sediment Control Plans, 1 set
 - Soil Erosion and Sediment Control Calculations, 1 set
 - Verification of Municipal Certification form (complete top portion only)

- II. The plans shall show/include the following information:
 - Location of all soil erosion/sediment control structures
 - Limit of disturbance, area of disturbance (acres)
 - Contractor parking area
 - General notes (see attached sample)
 - Temporary seeding specifications (include lime, fertilizer, seed)
 - Permanent seeding specifications (include lime, fertilizer, seed)
 - Mulching specifications
 - Non-growing season stabilization specifications
 - Details
 - Tree protection
 - Topsoil stockpile
 - Inlet filter
 - Stabilized construction entrance
 - Sediment basin temporary riser
 - Rip-rap apron
 - Hay bale sediment barrier
 - Silt fence

- III. The calculations shall include the following:
 - Soils map of the site
 - Sediment basin calculations
 - Rip rap apron calculations
 - Grassed waterway analysis

General Soil Erosion and Sediment Control Notes

1. It is the intention of the soil erosion control devices to minimize the transportation of sediment off-site.
2. The Township of Lawrence must be notified in writing 48 hours prior to the start of any land disturbance.
3. Contractor is responsible to maintain erosion control structures and keep roads clean for the life of the project.
4. The contractor is required to have a copy of the certified plan at the construction site.
5. All soil erosion control practices to be installed prior to any major soil disturbance, or in their proper sequence and maintained for one year after completion of the approved plan or until such measures are permanently stabilized as determined by the Township Engineer.
6. Any disturbed areas that will be left exposed more than 30 days and not subject to construction traffic, will immediately receive a temporary seeding. If the season prevents the establishment of a temporary cover, the disturbed areas will be mulched with straw according to the Standards for non-growing season soil stabilization.
7. Permanent vegetation to be seeded on all exposed areas within ten (10) days after final grading. Mulch to be used as necessary for protection until seeding is established.
8. All work to be done in accordance with Township Soil Removal and Soil Erosion Ordinances and the "New Jersey Standards for Soil Erosion and Sediment Control".
9. Immediately following initial disturbance or rough grading, all critical areas subject to erosion (i.e., steep slopes) will receive appropriate vegetative cover as stated in the construction sequence.
10. All road banks sloping towards road are to be stabilized immediately after curbing is completed.
11. During construction, any additional control measures as deemed necessary to prevent erosion or control sediment beyond those measures shown on the approved plans shall be installed or employed at the direction of the Engineer.
12. All revisions after Township certification has been granted must be forwarded to the Lawrence Township Engineer's office for review.

**PLEASE NOTE THAT THE ABOVE NOTES ARE ISSUED AS A GUIDE ONLY,
SITE SPECIFIC NOTES SHALL BE INCLUDED AS NECESSARY**

New Jersey Department of Agriculture
Hydrologic Modeling Database – Data Entry Form

Project Site Details

Chpt. 251 Application Number: _____

Start Date (if known): _____

County: _____

Street Address: _____

Municipality: _____

Block: _____

Lot: _____

NJDEP Anderson Landuse Code (4 digits):

Landuse description: _____

Site Centroid Location (NJ State Plane Feet): ¹

 Northing: _____ Easting: _____

Project Contact Details

Applicant: _____

Address: _____

Phone: _____

Email: _____

Post Construction Operation & Maintenance:²

Party Name: _____

Address: _____

Phone: _____

Email: _____

Party type: _____

New Jersey Department of Agriculture
Hydrologic Modeling Database – Data Entry Form

Basin Details:³

Basin Centroid (NJ State Plane Feet):⁴

 Northing: _____ Easting: _____

Basin Type: _____

Construction: _____

Status phase:⁵ Design As-built

Dam Height: (ft) _____ top width: (ft) _____

Dam Classification: _____

Drainage Area(s) to Basin [note- include any bypass areas]⁶

Drainage Area Name	Drainage Area (acres)	Post-Development CN#	Percent Impervious	Time of Concentration (min)

Basin Outlet Structure(s)⁷

ID:

End of Pipe Location:⁸ Northing: _____ Easting: _____

Discharge Type ⁹ (weir, orifice, etc)	Dimensions (diameter, length)	Elevation (USGS)	Discharge Coefficient ¹⁰	Equation Used ¹¹

New Jersey Department of Agriculture
Hydrologic Modeling Database – Data Entry Form

Basin Outlet Structure(s)

ID:

End of Pipe Location: Northing:

Easting:

Discharge Type (weir, orifice, etc)	Dimensions (diameter, length)	Elevation (USGS)	Discharge Coefficient	Equation Used

Basin Stage-Discharge Rating Table¹²

Elevation (USGS Feet)	Storage (Acre-Ft)	Total Outlet Structure Discharge (cfs)

NJDEP BMP Water Quality Structures¹³

Type (rain garden, green roof, seepage pit etc)	Size	Size Units (cu ft, sq ft etc)	Northing (SPF)	Easting (SPF)

New Jersey Department of Agriculture
Hydrologic Modeling Database – Data Entry Form

Explanatory Notes-

¹ Approximate location of center of site, coordinates in state plane feet

² Indicate who will be responsible for permanent operation and maintenance

³ Additional Basin Detail Pages can be used for more than one basin in a project.

⁴ Approximate location of center of basin, coordinates in state plane feet

⁵ Indicate “design” for basins not yet constructed

⁶ Drainage areas which are modified by construction, but not directed to the basin should still be listed and described

⁷ “Outlet structure” means the control box, outlet headwall, FES etc. This does not refer to an individual control on the structure such as a weir or orifice. There are two tables for more than one outlet structure

⁸ Approximate location of terminal discharge end of basin outfall, coordinates in state plane feet

⁹ Indicate the type of outlet – weir, orifice, hydro brake, etc.

¹⁰ Discharge Coefficient specific to the type of outlet control i.e., 0.6 for circular orifice

¹¹ List the discharge equation for each outlet (weir, orifice etc) used

¹² For basins with dead storage below the primary outlet, indicate 0 cfs discharge until the lowest outlet is reached. Routing table should begin at the lowest basin elevation.

¹³ Describe NJDEP BMP Manual water quality devices such as seepage pits, rain gardens etc. Size is appropriate for device – cubic feet, square feet or linear feet. Location of device using state plane feet coordinates.