

WASHINGTON TOWNSHIP

1021 Washington Blvd.

Bangor, PA 18013

Phone (610) 588-1524

Fax (610) 588-0245

APPLICATION FOR DRAINAGE PLAN REVIEW Ordinance 271

Location, Ownership and Present Use of the Property

Property Location: _____

Deed Owners Name: _____ Phone: _____

Owners Address: _____

Present Use of the Structure, Building or Land: _____

Parcel ID: _____ Zoning District: _____

Type of Submission

- | | | |
|---|--|--|
| <input type="checkbox"/> Subdivision | <input type="checkbox"/> Land Development | <input type="checkbox"/> New or Additional Impervious Surfaces |
| <input type="checkbox"/> New Building(s) or Addition(s) | <input type="checkbox"/> Diversion or Piping | <input type="checkbox"/> Regulated Earth Disturbance |
| <input type="checkbox"/> Stormwater Systems | | |

Proposed Use of Structure and/or Land

Proposed Use: _____

Description of Work: _____

Permit Applicant (write S/A if same as deed owner listed above)

Name of Applicant: _____ Phone: _____

Address of Applicant: _____

It is understood and agreed by the Applicant that any error, misrepresentation of material fact either with or without intention on the part of the Applicant, such as might, or would operate to cause a refusal of the application, or any change in the location, size, or use of a structure or land made subsequent to the issuance of a permit, without approval of the Township, shall constitute sufficient grounds for the revocation of permit.

ALL FEES MUST BE PAID BY CHECK OR MONEY ORDER. NO CASH WILL BE ACCEPTED.

Initial fees are not refundable. Any charges over and above the initial fees are the responsibility of the applicant.

Owner Authorization: _____ Date: _____

Applicant's Signature: _____ Date: _____

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(FOR OFFICE USE ONLY)

Approved:  Yes  No Date: \_\_\_\_\_ By: \_\_\_\_\_  
Reason for Denial or Conditions of Approval: \_\_\_\_\_

Waiver Request to Board of Supervisors Date: \_\_\_\_\_ Hearing Date: \_\_\_\_\_

Application Fee \$ \_\_\_\_\_ Submission Fee \$ \_\_\_\_\_ Waiver Fee \$ \_\_\_\_\_

Total Fee(s) Due \$ \_\_\_\_\_ Check/Money Order # \_\_\_\_\_

Received By: \_\_\_\_\_ Date: \_\_\_\_\_

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DRAINAGE PLAN  
ORDINANCE 271

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## PLAN CONTENTS SECTION 403

### A. GENERAL

1. General description of the project.
2. General description of permanent stormwater controls.
3. Name, Address and project site, name and address of the owner of the property and the name of the individual or firm preparing the Drainage Plan.

### B. MAP(S) OF THE PROJECT AREA SHOWING:

1. The location of the project relative to highways, municipalities or other identifiable landmarks.
2. Existing contours at intervals of two (2') feet. In areas with steep slopes (greater than 15%), five (5') foot contour intervals may be used. Off-site drainage areas impacting the project including topographic detail.
3. Streams, lakes, ponds, or other bodies of water within the project area.
4. Other features including flood hazard boundaries, existing drainage swales, wetlands, closed depressions, sinkholes and areas of natural vegetation to be preserved.
5. Locations of proposed underground utilities, sewers and water lines. The locations of all existing and proposed utilities, sanitary sewers and water lines within 50 feet of property lines of the project site.
6. An overlay showing soil types and boundaries based on Lehigh and Northampton County Soil Survey, as applicable, latest edition. Any hydric soils present on the site should be identified as such.
7. An overlay showing geologic types, boundaries and any special geologic features present on site.
8. Proposed changes to land surface and vegetative cover.
9. Proposed structures, roads, paved areas and buildings.
10. Final contours at intervals of two (2') feet. In areas with steep slopes (greater than 15%), five (5') foot contour intervals may be used.
11. Stormwater Management District boundaries applicable to the site.
12. Clear identification of the location and nature of permanent stormwater BMP's.
13. An adequate access management easement around all stormwater BMP's that would provide municipal ingress to and egress from a public right-of-way.
14. A schematic showing all tributaries contributing flow to the site and all existing manmade features beyond the property boundary that would be affected by the project.
15. The location of all public water supply wells within 400 feet of the project and all private water supply wells within 100 feet of the project.

DRAINAGE PLAN  
ORDINANCE 271

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PLAN CONTENTS  
SECTION 403

C. STORMWATER MANAGEMENT CONTROLS AND BMP'S

1. All stormwater management controls and BMP'S shall be shown on a map and described including:
  - a. Groundwater recharge methods such as seepage pits, beds or trenches. When these structures are used, the locations of septic tank infiltration areas and wells shall be shown.
  - b. Other control devices or methods such as roof-top storage, semi-impervious paving materials, grass swales, parking lot ponding, vegetative strips, detention or retention ponds, storm sewers, etc.
2. All calculations, assumptions and criteria used in the design of the BMP's shall be shown.
3. All site testing data used to determine the feasibility of infiltration on a site.
4. All details and specifications for the construction of the stormwater management controls and BMP's.

D. THE BMP OPERATIONS AND MANAGEMENT PLAN, as required in Article 7, describing how each permanent stormwater BMP will be operated and maintained and the identity of the person(s) responsible for operations and maintenance. A statement must be included, signed by the landowner, acknowledging that the stormwater BMP's are fixtures that cannot be altered or removed without approval by the municipality.

E. An ENVIRONMENTAL RESOURCE SITE DESIGN ASSESSMENT that describes the following:

1. The extent to which the proposed grading and impervious cover avoid disturbance of significant environmental resources and preserve existing site hydrology.
2. An assessment of whether alternative grading and impervious cover site design could lessen the disturbance of significant environmental resources and/or make better use of the site hydrologic resources.
3. A description of how the stormwater management controls and BMP's serve to mitigate any adverse impacts on environmental resources on the site. Significant environmental resources considered in the site design assessment include, but are not limited to, steep slopes, ponds, lakes, streams, wetlands, hydric soils, floodplains, riparian vegetation, native vegetation and special geologic features.

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DRAINAGE PLAN  
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### PLAN SUBMISSION SECTION 404

#### A. For SUBDIVISION AND LAND DEVELOPMENT

1. The Drainage Plan shall be submitted as part of the Preliminary Plan submission.
2. Twelve (12) copies shall be submitted as specified in SALDO for supporting documents.
3. The Applicant shall send two (2) copies to the Lehigh Valley Planning Commission, except for plans involving less than 10,000 square feet of additional impervious coverage

*Exemption: Subdivision and Land Development, including any existing impervious coverage, which is 10,000 square feet or less impervious.*

#### B. For construction of NEW OR ADDITIONAL IMPERVIOUS SURFACES (driveways, parking lots, etc.) or construction of NEW BUILDINGS OR ADDITIONS to existing buildings.

1. Four (4) copies of the Drainage Plan shall be submitted to the Washington Township with the Application and fee to the Building Permit officer as part of the building permit application.

*Exemption: Development or construction, including any existing impervious coverage, 10,000 square feet or less impervious.*

#### C. For DIVERSION OR PIPING of any natural or man-made stream channel, or installation of STORMWATER SYSTEMS or appurtenances thereto, or REGULATED EARTH DISTURBANCE activities.

1. Four (4) copies of the Drainage Plan shall be submitted to Washington Township with the Application and fee.
2. The Applicant shall submit one (1) copy of the Drainage Plan to the Lehigh Valley Planning Commission for coordination with the DEP permit application process under Chapter 105 (Dam Safety and Waterway Management), Chapter 106 (Flood Plain Management) of DEP's Rules and Regulations and the NPDES regulations.

*Exemption: Only REGULATED EARTH DISTURBANCE activities are exempt which includes any existing impervious coverage 10,000 square feet or less impervious.*

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***DRAINAGE PLAN ORDINANCE 271***

***SECTION 407***

**HARDSHIP WAIVER REQUEST**

**To: Washington Township Board of Supervisors**

Parcel I.D. \_\_\_\_\_

Owner: \_\_\_\_\_ Phone: \_\_\_\_\_

Address \_\_\_\_\_

Project Description: \_\_\_\_\_

Specific Waiver(s) Requested: \_\_\_\_\_

**Explanation/Justification:**

1. Unique Physical Circumstances or Conditions:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Because of physical circumstances or conditions the property cannot be developed:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Unnecessary Hardship has not been created by the applicant:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Waiver that will be least modification possible:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. That financial hardship is not criteria for granting a waiver:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Applicant: \_\_\_\_\_ Phone: \_\_\_\_\_

Address: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

~~~~~  
(For Office Use Only)

Fee \$ _____ Paid \$ _____ Check # _____

Received by: _____ Date: _____

Plans Submitted to: Township Township Engineer Township Solicitor LVPC

Ordinance 271

SECTION 407. HARDSHIP WAIVER PROCEDURE

The municipality may hear requests for waivers where it is alleged that the provisions of this Ordinance inflict unnecessary hardship upon the applicant. The waiver request shall be in writing and accompanied by the requisite fee based upon the fee schedule adopted by the municipality. A copy of the waiver shall be provided to each of the following; municipality, municipal engineer, municipal solicitor and Lehigh Valley Planning Commission. The request shall fully document the nature of the alleged hardship.

The municipality may grant a waiver provided all of the following findings are made in a given case:

1. That there are unique physical circumstances or conditions, including irregularity of lot size or shape, or exceptional topographical or other physical conditions peculiar to the particular property, and that the unnecessary hardship is due to such conditions, and not the circumstances or conditions generally created by the provisions of this Ordinance in the Stormwater Management District in which the property is located;
2. That because of such physical circumstances or conditions, there is no possibility that the property can be developed in strict conformity with the provisions of this Ordinance, including the "no harm" provisions, and that the authorization of a waiver is therefore necessary to enable the reasonable use of the property;
3. That such unnecessary hardship has not been created by the applicant;
4. That the waiver, if authorized, will represent the minimum waiver that will afford relief and will represent the least modification possible of the regulation in issue; and
5. That financial hardship is not the criteria for granting of a hardship waiver. In granting any waiver, the municipality may attach such conditions and safeguards as it may deem necessary to implement the purposes of this Ordinance. If a Hardship Waiver is granted, the applicant must still manage the quantity, velocity, direction and quality of resulting storm runoff as is necessary to prevent injury to health, safety or other property.
 - A. For all regulated activities described in Section 105., the Washington Township Board of Supervisors shall hear requests for and decide on hardship waiver requests on behalf of the municipality.
 - B. The Board of Supervisors may, on a case by case basis, refer Zoning issues raised under Section 105 to the Zoning Hearing Board for recommendation to the Board of Supervisors. The municipality shall not waive the water quality provisions of this Ordinance.
 - C. The municipality shall not waive the water quality provisions of this Ordinance.