

**TOWNSHIP OF TINICUM**  
**REGULATING GRADING AND DRAINAGE**

Grading Permit No: \_\_\_\_\_

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

**Application for Permit under Ordinance No. 2003-765, Amending Ord. 379**

Name: \_\_\_\_\_

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

\_\_\_\_\_

**Location and/or Description of Property:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Other Properties: Does work back up or discharge water on, or affect any other property or properties in any way?      Yes \_\_\_\_\_ No \_\_\_\_\_**

**If so, list and describe other properties and to what extent:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Plans Submitted:    Three (3) Copies required \*\*\*\***

**Title:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Registered Engineer:** \_\_\_\_\_

**NOTE: 48 HOURS NOTICE IS REQUIRED PRIOR TO THE START OF CONSTRUCTION \*\***

**GRADING & DRAINAGE PERMIT APPLICATION (Continued)**

**Description of work to be performed and method of operation:**

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

**Method of maintaining and protecting existing drainage facilities:**

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

**Anticipated date to begin work:** \_\_\_\_\_

**Anticipated date to complete work:** \_\_\_\_\_

**(Duration of Permit from date of issuance is one (1) year unless extended upon request & written approval of the Township Engineer. Additional costs of extension will be paid by applicant).**

**Signature of Applicant:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Telephone:** (home) \_\_\_\_\_ (cell) \_\_\_\_\_

.....  
**Fee: \$15.00 per Acre. If more than one (1) acre is graded, an additional fee of \$20 per \$1,000.00 of the cost of the project shall be charged in excess of the first acre.**

**Note: Applicant must pay any Engineering fees incurred for the review and Site Surveillance of all work associated with applicable permit.**

**Received from Applicant: \$** \_\_\_\_\_ **Cash/Check #: \_\_\_\_\_**

\_\_\_\_\_  
**Signature of Applicant**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Signature of Township Official**

\_\_\_\_\_  
**Date**

# Don't Let Storm Water Run Off With Your Time and Money!

## What the Construction Industry Should Know About Storm Water In Our Community

The construction industry plays an important role in improving our community's quality of life by not only providing new development, but also protecting our streams and rivers through smart business practices that prevent pollution from leaving construction sites.

Storm water runoff leaving construction sites can carry pollutants such as dirt, construction debris, oil, and paint off-site and into storm drains. In our community, storm drains carry storm water runoff directly to local creeks, streams, and rivers with no treatment. Developers, contractors, and homebuilders can help to prevent storm water pollution by taking the following steps:

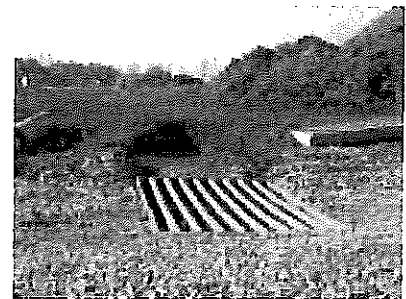
1. Comply with storm water permit requirements.
2. Practice erosion control and pollution prevention practices to keep construction sites "clean."
3. Conduct advanced planning and training to ensure proper implementation on-site.

The remainder of this fact sheet addresses these three steps.

### Storm Water Permit Requirements for Construction Activity

Planning and permitting requirements exist for construction activities. These requirements are intended to minimize storm water pollutants leaving construction sites.

- Pennsylvania's Erosion and Sediment Pollution Control Program (25 Pa. Code, Chapter 102) requires Erosion and Sediment Control Plans for all earth disturbing activities.
- The National Pollutant Discharge Elimination System (NPDES) Permit Program (25 Pa. Code, Chapter 92) requires that construction activities disturbing greater than one acre submit a Notice of Intent for coverage under a general NPDES permit.



Knowing your requirements before starting a project and following them during construction can save you time and money, and demonstrate that you are a partner in improving our community's quality of life. For more information about these programs, contact your local county conservation district office or the Department of Environmental Protection.

### Erosion Control Practices:

- Perimeter controls (e.g. silt fence)
- Sediment traps
- Immediate revegetation
- Phased, minimized grading
- Construction entrance
- Protection of streams and drainage ways
- Inlet protection



### An Ounce of Prevention

Rain that falls onto construction sites is likely to carry away soil particles and other toxic chemicals present on construction sites (oil, grease, hazardous wastes, fuel). Storm water, if not properly managed, carries these pollutants to streams, rivers, and lakes. Erosion and sediment control practices can serve as a first line of defense,

## **Pollution Prevention Practices:**

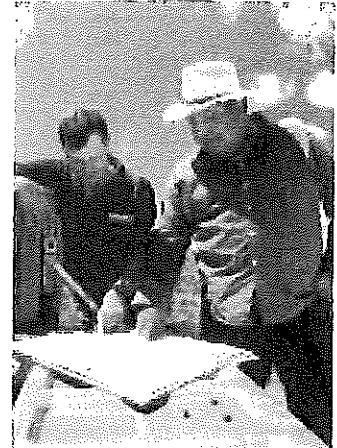
- Designated fueling and vehicle maintenance area away from streams.
- Remove trash and litter.
- Clean up leaks immediately.
- Never wash down dirty pavement.
- Place dumpsters under cover.
- Dispose of all wastes properly.

minimizing clean up and maintenance costs, and the impacts to water resources caused by soil erosion during active construction. Erosion controls can reduce the volume of soil going into a sediment control device, such as a sediment trap, therefore, "clean out" frequencies are lower and maintenance costs are less. When possible, divert water around the construction site using berms or drainage ditches.

In addition, use pollution prevention and "good housekeeping measures" to reduce the pollution leaving construction sites as well. This can be as simple as minimizing the pollution source's contact with rainwater by covering it, maintaining a "clean site" by reducing trash and waste, and keeping vehicles well maintained.

## **The Best Laid Plans**

Plans such as erosion and sediment control plans and storm water pollution prevention plans are important tools for outlining the erosion control and pollution prevention practices that you will use to manage storm water runoff prior to breaking ground. Developing good plans allows for proper budgeting and planning for the life of the project. Proper installation and maintenance of erosion and storm water controls is essential to a plan that works. Training for on-site staff helps to ensure the proper installation and maintenance of erosion controls and pollution prevention practices. Inspect controls and management techniques regularly to ensure they are working, especially after storm events. If polluted storm water is leaving the site, you may need to repair or add additional storm water controls.



## **The Bigger Storm Water Picture**

Your community is preventing storm water pollution through a comprehensive storm water management program. This program addresses storm water pollution from construction, but it also deals with new development, illegal dumping to the storm sewer system, and municipal operations. It will also continue to educate the community and get everyone involved in making sure the only thing that storm water contributes to our streams is . . . water! Contact your community or the Pennsylvania Department of Environmental Protection for more information about storm water management.

**For more information:**

Pennsylvania Association of Conservation District's:  
<http://www.pacd.org/default.html>

Pennsylvania Handbook of Best Management Practices for Developing Areas:  
[http://www.pacd.org/products/bmp/bmp\\_handbook.html](http://www.pacd.org/products/bmp/bmp_handbook.html)

Storm Water Manager's Resource Center:  
<http://www.stormwatercenter.net>

Pennsylvania Department of Environmental Protection:  
<http://www.dep.state.pa.us>



ORDINANCE NO. 379

REGULATING DRAINAGE AND DRAINAGE FACILITIES;  
PLACING OF FILL ON LANDS; REQUIRING PERMITS;  
BONDS; FIXING FEES; PENALTIES; REPEALS.

The Township Commissioners of the Township of Tinicum do hereby ordain as follows:

Section I: It shall be unlawful for any person, firm or corporation to grade, or re-grade any lands or place any fill or foreign matter in any form which will in any way affect the overland or subsurface flow of storm water on any lands, ditches, channels, creeks or streams or divert from its natural course, dam or otherwise interfere with any stream or water course or to erect, construct or install a drainage ditch, culvert, drain pipe, bridge, or any other type of drainage structure or obstruction affecting the drainage of any premises in the Township of Tinicum without securing a permit as hereinafter provided.

Section II: All drainage ditches, culverts, drain pipes and drainage structures shall be kept open and free flowing at all times and it shall be unlawful for any person, firm, corporation to throw or place any debris or matter of any manner whatsoever or cause such to be thrown or placed in any drainage ditch or drainage structure.

Section III: Any person, firm or corporation, in compliance with the terms of this Ordinance, shall apply for a permit by submitting a written application on a form furnished by the Township of Tinicum, and a map or diagram of the property showing the location of all present or proposed ditches, streams, pipes and all drainage structures, and in the case of grading or regrading or the placing of fill or any foreign matter on any premises, the application must show the ultimate elevation and the disposition of the water being drained or channelled from the premises, together with a description of the work to be performed and the manner or method to be utilized in carrying out the performance of said work, including adequate provisions for protecting and maintaining the existing draining facilities in the Township.

Section IV: All applications submitted in compliance with this Ordinance shall be approved by the Township Engineer before any permit is granted.

Section V: The permit fee as herein required shall be at the rate of \$15.00 per acre of the land to be graded or regraded, or land upon which fill or other materials is to be placed.

Section VI: All applicants for a permit to grade or regrade or to place any fill or foreign substance of an area greater than one-half acre shall, before any permit is granted, post a bond with the Township of Tinicum in the sum of ten thousand (\$10,000.00) dollars, with corporate surety to be approved by the Township Solicitor, the conditions of which shall be a full and complete compliance with this Ordinance and all terms of the permit.

Section VII: Any person, firm or corporation violating any provision of this Ordinance shall, upon summary conviction before any Magistrate or Justice of the Peace, be sentenced to pay a fine not exceeding three hundred (\$300.00) dollars, and cost of prosecution and in default of payment of the fine and costs, the violator may be sentenced to the County Jail for a term of not more than thirty (30) days. Each and every day in which any person, firm or corporation shall be in violation of this Ordinance shall constitute a separate offense.

Section VIII: All Ordinances and parts of Ordinances inconsistent herewith are hereby repealed.

APPROVED this 6th day of March A. D. 1967.

TOWNSHIP OF TINICUM

/s/ Peter Polinsky

President, Board of Commissioners

ATTEST:

/s/ Doris L. Schrader

## Chapter 124. Drainage, Grading and Erosion Control

### § 124-5. Permit fees; duration of permit.

[Amended 7-21-2003 by Ord. No. 765]

- A. Permit fees. The application for a permit to grade shall be accompanied by a permit fee of \$15 for the first acre of land or less. If more than one acre is graded as described in the chapter, an additional fee of \$20 per \$1,000 of the cost of the project shall be charged in excess of the first acre.
- B. Duration of permit. All permits issued pursuant to this chapter shall be for one year from the date of its issuance unless extended upon request to and written approval of the Township Engineer. The applicant shall bear the additional costs of inspection in determining whether any extension is warranted.

**Addition, Pool, Fence, Deck, Shed, Garage, Driveways, and Grading projects must have a plot plan submitted for permit approval.**

Plot plans **MUST** be provided showing the Following information:

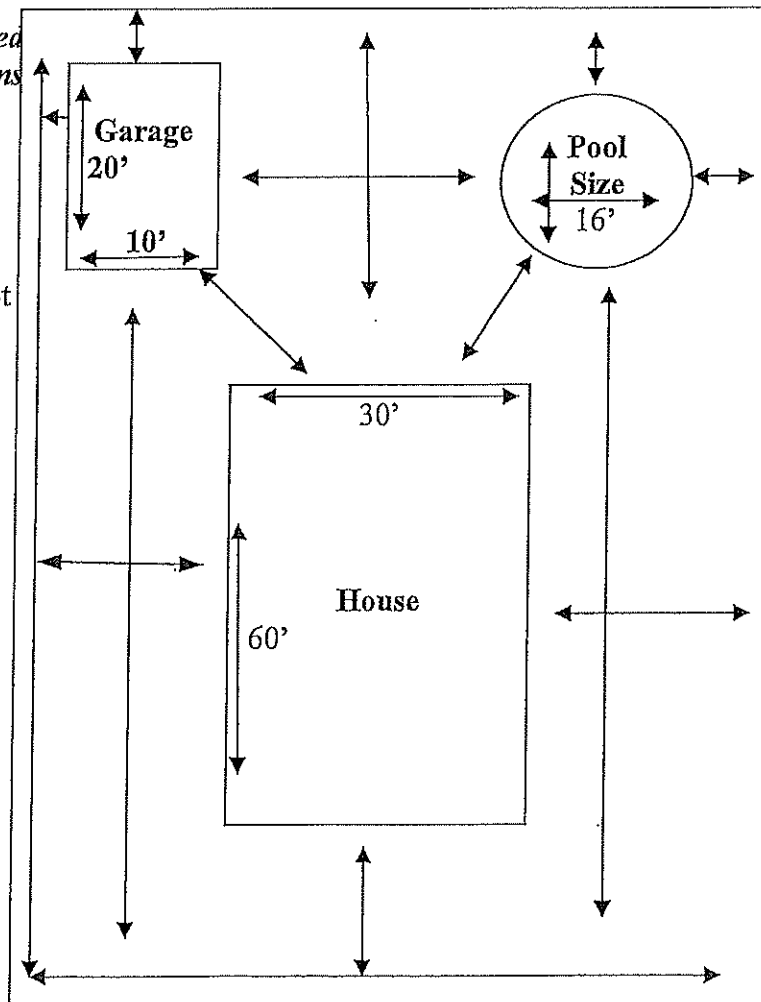
- 1.) Size of Property (**Lot Size**)
- 2.) Show any buildings already located on the site, with **Front yard Setback**, **Rear yard Setback**, and **Side yard Setbacks**.
- 3.) The Size of the buildings already built, Including Garage, Deck, Shed, Pool *if any*, and their **setbacks**.
- 4.) Any Improvements or additions must show planned Location (**Setback**).
- 5.) **Any improvements or Additions must include Drawings and all Pertinent Information for Construction.**
- 6.) **Corner properties** have 2 front yards, measuring of front property line from the centerline of the street measurement plus 15 feet and that starts your property line.
- 7.) **Setback information** should be 15' front, 15' rear and 7' side yards, if not your property maybe non-conforming. (For Residential Properties **ONLY**)
- 8.) **All arrows require measurements**, All Measurements are required of every item/s (size) of the structure/s that is on your Property

**\*\*\*IF INSTALLING A POOL MUST SHOW DETAILS AND LOCATION OF PUMP/FILTER SYSTEM, MUST INCLUDE DETAILS OF ELECTRICAL ALSO\*\*\***

*Dimension are required for all arrows and items on your property please complete by measuring all items.*

DO NOT USE .....  
This form, for your plot Plan drawing, put your plot plan on another piece of paper.

DO NOT USE the Dimension that are on this paper, it does not match your property.



# Zoning

## NEW HOME/ADDITION/DECK/SHED/GARAGE/POOL

**NOTE: PLOT PLAN SHALL SHOW LOCATION OF ALL BUILDING:  
SWIMMING POOLS, SHEDS, GARAGES ETC.**

- 1.) Area of lot: \_\_\_\_\_ Sq. Ft.
- 2.) Main Building (**House**) Number of feet wide: Front \_\_\_\_\_ Rear \_\_\_\_\_  
Number of feet long: \_\_\_\_\_ Number of Stories: \_\_\_\_\_  
Total Sq. Ft: \_\_\_\_\_ Total Cubical Volume: \_\_\_\_\_
- 3.) Location: Front yard Setback \_\_\_\_\_ Ft.  
Rear yard Setback \_\_\_\_\_ Ft.  
Right yard Setback \_\_\_\_\_ Ft  
Left yard Setback \_\_\_\_\_ Ft
- 4.) Accessory building: **Garage** - Number of feet wide front \_\_\_\_\_ rear \_\_\_\_\_  
Number of Feet long: \_\_\_\_\_ Number of stories: \_\_\_\_\_  
Total Sq. Ft: \_\_\_\_\_ Total cubical volume \_\_\_\_\_
- 5.) Location: Front yard setback: \_\_\_\_\_ Ft  
Rear yard Setback \_\_\_\_\_ Ft.  
Right yard Setback \_\_\_\_\_ Ft  
Left yard Setback \_\_\_\_\_ Ft
- 6.) Accessory building: **Shed** - Number of feet wide front \_\_\_\_\_ rear \_\_\_\_\_  
Number of Feet long: \_\_\_\_\_ Number of stories: \_\_\_\_\_  
Total Sq. Ft: \_\_\_\_\_ Total cubical volume \_\_\_\_\_
- 7.) Location: Front yard setback: \_\_\_\_\_ Ft  
Rear yard Setback \_\_\_\_\_ Ft.  
Right yard Setback \_\_\_\_\_ Ft  
Left yard Setback \_\_\_\_\_ Ft
- 8.) Accessory building: **Pool** - Number of feet wide front \_\_\_\_\_ rear \_\_\_\_\_  
Number of Feet long: \_\_\_\_\_ Number of stories: \_\_\_\_\_  
Total Sq. Ft: \_\_\_\_\_ Total cubical volume \_\_\_\_\_
- 9.) Location: Front yard setback: \_\_\_\_\_ Ft  
Rear yard Setback \_\_\_\_\_ Ft.  
Right yard Setback \_\_\_\_\_ Ft  
Left yard Setback \_\_\_\_\_ Ft
- 10.) Accessory building: **Porch** - Number of feet wide front \_\_\_\_\_ rear \_\_\_\_\_  
Number of Feet long: \_\_\_\_\_ Number of stories: \_\_\_\_\_  
Total Sq. Ft: \_\_\_\_\_ Total cubical volume \_\_\_\_\_
- 11.) Location: Front yard setback: \_\_\_\_\_ Ft  
Rear yard Setback \_\_\_\_\_ Ft.  
Right yard Setback \_\_\_\_\_ Ft  
Left yard Setback \_\_\_\_\_ Ft



- 12.) Accessory building: **Deck** - Number of feet wide front \_\_\_\_\_ rear \_\_\_\_\_  
 Number of Feet long: \_\_\_\_\_ Number of stories: \_\_\_\_\_  
 Total Sq. Ft: \_\_\_\_\_ Total cubical volume \_\_\_\_\_
- 13.) Location: Front yard Setback \_\_\_\_\_ Ft.  
 Rear yard Setback \_\_\_\_\_ Ft.  
 Right yard Setback \_\_\_\_\_ Ft  
 Left yard Setback \_\_\_\_\_ Ft
- 14.) Number of Parking space provided: \_\_\_\_\_ (include on Plot Plan)
- 15.) Location: Front yard Setback \_\_\_\_\_ Ft.  
 Rear yard Setback \_\_\_\_\_ Ft.  
 Right yard Setback \_\_\_\_\_ Ft  
 Left yard Setback \_\_\_\_\_ Ft
- 16.) Total area coverage: \_\_\_\_\_ sq ft
- 17.) Total remaining open space \_\_\_\_\_ sq ft.

### COMMERCIAL & INDUSTRIAL USE

- 1) Number of businesses located on premises: \_\_\_\_\_
- 2) Number of Employees: \_\_\_\_\_
- 3) Number of Parking Spaces Provided: \_\_\_\_\_ (include on plot plan)
- 4) Number of vehicles owned by business: \_\_\_\_\_
- 5) Hours of operation : Starting Time \_\_\_\_\_ Quitting Time \_\_\_\_\_

***Application is hereby made for the issuance of a Building Permit Pursuant to the plans and specifications herewith submitted:***

- (1) Depth of foundation walls: \_\_\_\_\_
- (2) What will footing be? \_\_\_\_\_  
 If stone, give size & thickness: size: \_\_\_\_\_ Thickness: \_\_\_\_\_  
 If concrete, give: Width: \_\_\_\_\_ Thickness: \_\_\_\_\_ Composition: \_\_\_\_\_
- (3) If stone or concrete piers are used, give size: \_\_\_\_\_  
 Size of footing under it: \_\_\_\_\_
- (4) If brick piers are used, give size: \_\_\_\_\_  
 Size of footing under it: \_\_\_\_\_
- (5) Size of footing under columns: \_\_\_\_\_

(6) Foundation walls: Thickness \_\_\_\_\_ Material \_\_\_\_\_

(7) Composition of mortar in foundation walls: \_\_\_\_\_  
In upper walls: \_\_\_\_\_

(8) Kind of sand used in mortar: \_\_\_\_\_

(9) Quality of Bricks Used: \_\_\_\_\_

10) State the thickness & Material of Walls:

Front: \_\_\_\_\_ Side: \_\_\_\_\_ Rear: \_\_\_\_\_ Material: \_\_\_\_\_  
Basement: \_\_\_\_\_ 1<sup>st</sup> Story \_\_\_\_\_ 2<sup>nd</sup> Story \_\_\_\_\_ 3<sup>rd</sup> Story \_\_\_\_\_  
Additional: \_\_\_\_\_

11) Type of Roof: \_\_\_\_\_ Material: \_\_\_\_\_

12) Material of floor joists: Girders: \_\_\_\_\_ Columns: \_\_\_\_\_