

KENNETT TOWNSHIP SIMPLIFIED APPROACH FOR STORMWATER AND GRADING



Small projects with 1,000 to 2,000 square feet of Regulated Impervious Surface (as defined in the Municipality's Stormwater Management Ordinance) and with 5,000 to 10,000 square feet of proposed Earth Disturbance (as defined in the Municipality's Stormwater Management Ordinance) may apply the **Simplified Approach**. Regulated Impervious Surface includes Proposed Impervious Surface as part of a current proposed project and all existing Impervious Surfaces installed after September 17, 2014. Roof Area: For a project to be considered for utilizing the Simplified Approach, sufficient roof area must be available, either existing or proposed, so that the roof area being conveyed to the Stormwater BMP (underground infiltration trench) is of equivalent or greater area than the Regulated Impervious Surface proposed, including existing Impervious Surface(s) installed after September 17, 2014. Impervious Surface is defined in Article II of the Kennett Township Stormwater Management Ordinance. Plans proposing capturing and conveyance of overland flow will not be considered. The sizing of the bed shall be in accordance with Sheet 3C of the Simplified Approach Stormwater Management Plan Packet (Section 5.0 below) and shall be based upon the actual roof area being conveyed to the bed, not the Regulated Impervious Surface.

For questions regarding the **SIMPLIFIED APPROACH** please contact Ted Otteni, Public Works Director at: ted.otteni@kennett.pa.us or 610-388-1300 ext. 112

Standard Approach

Any project with more than 2,000 square feet of Regulated Impervious Surface or more than 10,000 square feet of proposed Earth Disturbance **cannot** apply this Simplified Approach and must apply for the **Standard Approach** Stormwater/Grading permit.

For questions regarding the **STANDARD APPROACH** please email:
permits@kennett.pa.us

**To view Ordinance #304 the Stormwater Amendment
click here.**

Kennett Township Simplified Approach

Stormwater Management Guide



Why am I required to do this?

Kennett Township has adopted an ordinance **#304**, as required by the PA Dept of Environmental Protection, to regulate certain activities that affect stormwater runoff and surface and groundwater quality and quantity. The stormwater management requirements affect all NEW development/construction in Kennett Township. Because your project does not meet ALL the exemption criteria as outlined in the Ordinance, you are required to install stormwater management controls to address water quality and groundwater recharge. Your project qualifies to utilize the simplified approach method in order to design an underground stone infiltration trench to address the stormwater requirements. The attached worksheet will assist you in designing the stone trench to comply with the Ordinance requirements.

Do I require professional services to complete this worksheet?

This worksheet has been developed so that the individual resident can design a stone infiltration trench to meet the goals of this Ordinance. If the guidelines presented in this worksheet are followed, the individual resident may not require professional services. However, you may require a professional contractor or excavator to install the final design on your property. If you wish to utilize a stormwater management method other than an infiltration trench as the worksheet proposes, you will need to retain a professional consultant.

What do I need to send to the Township?

Even though a formal drainage plan is not required for projects meeting conventional stormwater management, the simplified approach method requires:

1. Simplified Approach Stormwater application (2 pages)
2. Stormwater Management Checklist (1 page)
3. Check for \$1500.00 made out to "Kennett Township"
2 COPIES OF THE DOCUMENTS BELOW:
4. Plot Plan showing location and dimensions of existing buildings/driveway and proposed improvements including distance of existing and proposed improvements to lot lines and well/septic locations, and location of proposed stone infiltration trench.
5. Infiltration trench detail with proposed dimensions(length/width) indicated.

Please note that all systems must be approved by Kennett Township Public Works Director, Ted Otteni.

For specific questions regarding your application please email Ted at:

ted.offeni@kennett.pa.us

Or he is available by phone at 610-388-1300 Ext. 112



FEE SCHEDULE FOR
SIMPLIFIED APPROACH
GRADING AND STORMWATER PERMITS

Simplified Approach Grading Permit
Application Fee.... \$1500.00

Please make check payable to:

KENNETT TOWNSHIP

Please note that check must accompany
completed application.

KENNETT TOWNSHIP SIMPLIFIED APPROACH STORMWATER APPLICATION



Date: _____ Tax Parcel: _____

<u>Property Owner</u> Name(s): _____ Name Of Applicant: (if different than owner): _____ Address of Project: _____ Subdivision Name: _____ City: _____ Zip Code: _____ Applicant email: _____ Applicant Phone #: _____ <u>Description of Project:</u>

Distance from Earth Disturbance to nearest water feature (stream, pond, wetland, etc): _____ 50 Feet or Less _____ Over 50 Feet

REGULATED IMPERVIOUS SURFACES

Description of Proposed Impervious Surfaces	Dimensions (Length X Width)	Area Square Feet

1. Total Proposed Impervious Surface: _____ (Sq. Ft)

2. Existing Impervious Surface constructed since Dec 18, 2013 _____ (Sq. Ft.)

KENNETT TOWNSHIP SIMPLIFIED APPROACH STORMWATER APPLICATION



3. Regulated Impervious Surface (sum of 2 rows above):

_____ (Sq. Ft)

4. Total Proposed Earth Disturbance Area (Sq. Ft):

PROPOSED UNDERGROUND INFILTRATION TRENCH SIZING

Proposed Impervious Area to Trench (Sq. Ft.)	Proposed Dimensions
1	
2	

Does the project involve new roof area? _____ Yes _____ No
 If yes, the downspout must be connected to the proposed Underground Filtration Trench and must have measures to prevent clogging by unwanted debris.
 Please indicate the proposed measure:
 _____ Leaf Trap _____ Gutter Guards _____ Cleanout _____ Other

Signature: _____ Date: _____

Township Use Only:
 Date of completed application: _____
 Fee Paid: _____ Received by: _____
 Township Engineer Approval: _____ Date: _____

Kennett Township Simplified Approach
Stormwater Management Checklist

Complete the checklist below to verify all required information is shown on the plan:

Yes	No	Not Applicable	Required Information
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Name and address of the owner of the property.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Name and address of individual preparing the plan (if different).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Date of plan preparation.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	North arrow.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location of all existing features within 50 feet of the property, including (if present): <ul style="list-style-type: none"> • Buildings; • Driveways; • Roads; • Water Lines/Wells (or a note that no wells are present within 50 feet of the proposed facility); • Septic Systems/Sewer Mains and Laterals; • Streams, Wetlands, and Floodplains • Existing Stormwater Facilities; and • Easements.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location and approximate size in square feet of existing roof area to be captured and diverted to the BMP.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location and approximate size in square feet of proposed: <ul style="list-style-type: none"> • Structures; • Driveways; and • Other paved/Impervious Surfaces.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location, orientation, and dimensions of the proposed Underground Infiltration Trench(es). Length and width must be included on the plan.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Distance from the proposed Underground Infiltration Trench(es) to any existing surface water features, such as: streams, lakes, ponds, wetlands, or other natural waterbodies. Must be > 50 feet from surface water features or outside of an existing legally described buffer (i.e., deed, covenants, easement, etc.) whichever is greater. Contact the Municipality if this is not possible.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Distance from the proposed Underground Infiltration Trench(es) to any existing septic system, public sewer line, or lateral.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Distance from the proposed Underground Infiltration Trench(es) to any existing wells or waterlines.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Distance from the proposed Underground Infiltration Trench(es) to any proposed wells or waterlines.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Show distance from at least two existing fixed features (e.g., house, shed, driveway) to the proposed Underground Infiltration Trench(es).