

**BLACK CREEK TOWNSHIP**  
**STORMWATER MANAGEMENT APPLICATION**  
**LEVEL 2 – OPTION 1 MINIMUM SUBMISSION**  
**REQUIREMENTS**

1. Complete and sign the Stormwater Management Permit Application.
2. Complete Worksheet C.1. See Checklist for design requirements.
3. Complete the Sketch on the template provided. See Checklist for minimum required items.
4. Provide a check made out to “Black Creek Township” for \$395.00

# STORMWATER MANAGEMENT PERMIT APPLICATION

<b>Applicant Name, Address, Phone Number and Email:</b>	<b>Nature of Activity (i.e. driveway, single-lot structure, parking lot, road, trail, subdivision, etc.):</b>
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**Total Proposed Impervious Area (I) (sq. ft.):**

**Total Proposed Earth Disturbance (ED) (sq. ft.):**

**Level 1:** (I) is between 250 sq. ft. and 1,000 sq. ft. or (ED) is between 500 sq. ft. and 5,000 sq. ft.

**Level 2:** (I) is between 1,000 sq. ft. and 5,000 sq. ft. or (ED) is between 5,000 sq. ft. and 10,000 sq. ft.

Complete and attach worksheet contained in Appendix C.1/E or Section 105.C requirements

Is information attached?  
No \_\_\_\_\_  
Yes \_\_\_\_\_

**Level 3:** (I) is between 5,000 sq. ft. and 10,000 sq. ft. or (ED) is between 10,000 sq. ft. and 20,000 sq. ft.

Complete and attach worksheet contained in Ordinance Appendix D

Is worksheet attached?  
No \_\_\_\_\_  
Yes \_\_\_\_\_

**Level 4:** (I) is greater than 10,000 sq. ft. or (ED) is greater than 20,000 sq. ft. and all Land Developments

Complete and submit SWM Site Plan in accordance with Ordinance Article IV

Is a SWM Site Plan included?  
No \_\_\_\_\_  
Yes \_\_\_\_\_

Show on the accompanying sketch that adverse downstream stormwater impacts are not created or worsened, and that additional stormwater runoff will not discharge towards adjacent property owners.

All requirements of the Ordinance have been met. Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**FOR REVIEWER ONLY: STORMWATER MANAGEMENT PERMIT NO. \_\_\_\_\_**

This stormwater management permit application has been    APPROVED    DENIED    (circle one)

Reviewed by (print): \_\_\_\_\_ Reason for Denial: \_\_\_\_\_

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

**Worksheet C.1 – Disconnected Impervious Area as a BMP - Level #2 (Option 1).**

<b>Applicant Address:</b>	<b>Brief Description of Project:</b>				
<b>Nearest Waterbody:</b>	<b>No more than 1,250 sq. ft. can discharge to one point on the surface. Number of discharge points required:</b>				
<b>Total Proposed Impervious Area (A):</b>     <b>Total Earth Disturbance:</b>	<b>Discharge Point 1</b>	<b>Discharge Point 2</b>	<b>Discharge Point 3</b>	<b>Discharge Point 4</b>	<b>Discharge Point 5</b>
	<b>Area:</b>	<b>Area:</b>	<b>Area:</b>	<b>Area:</b>	<b>Area:</b>
<b>Are rainspouts discharged underground? (Y/N)</b>  <b>If yes, contributing impervious area (B):</b>	<b>Pervious Path Length:</b>	<b>Pervious Path Length:</b>	<b>Pervious Path Length:</b>	<b>Pervious Path Length:</b>	<b>Pervious Path Length:</b>
<b>Total Impervious Area Discharged on Surface (A) – (B):</b>	<b>Pervious Path Slope &lt;10%? (Y/N)</b>	<b>Pervious Path Slope &lt;10%? (Y/N)</b>	<b>Pervious Path Slope &lt;10%? (Y/N)</b>	<b>Pervious Path Slope &lt;10%? (Y/N)</b>	<b>Pervious Path Slope &lt;10%? (Y/N)</b>

# **LEVEL 2 – OPTION 1 - CHECKLIST**

## **MINIMUM ITEMS TO BE SHOWN ON SKETCH**

1. The name and address of the property owner and the name, address, phone and email of the person that completed the sketch.
2. All existing structures, existing roadways, existing waterways and existing stormwater management facilities within 50 feet of site.
3. The site property lines and the names of the adjoining property owners.
4. The proposed driveway location, dimensions and surface type.
5. The proposed building location, dimensions, and direction of roof slopes.
6. The direction and approximate percent of the land and roof slopes at all grade breaks.
7. A north arrow, drawing scale and date. If there is no scale it must be noted.
8. The location of all existing and proposed underground utilities including septic and well locations.
9. The location and dimensions of all proposed stormwater management facilities.
10. The discharge point of all stormwater management facilities including roof drains, foundation drains and sump pump drains.
11. A note must be added to the sketch stating “The Applicant or Agent shall contact RJD Engineering, Inc at 570-459-2609 to perform the During-Construction Inspection a minimum of 48 hours prior to the paving of the proposed driveway and the burying of any underground stormwater management facilities.”
12. A note must be added to the sketch stating “All sump pump outlets, roof drains and foundation drains must outlet to a well vegetated area or gravel strip and must comply with Section 301.Q of the Black Creek Township Stormwater Management Ordinance.”

## **DESIGN/APPLICATION REQUIREMENTS**

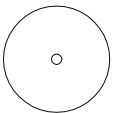
13. The overland flow path (pervious area serving as BMP) from discharge area must have a positive slope of approximately 10% or less;
14. The length of overland flow path (pervious area serving as BMP) must be greater than 20 feet.
15. The 20 foot minimum length of pervious overland flow path for a driveway shall be waived in the area of the driveway connection point to the existing roadway. (I.e. Areas where it is physically impossible to provide a 20 foot pervious overland flow path for the entire driveway cross-section). Note: All areas of the driveway shall be cross-sloped toward pervious areas.
16. No more than 1,250 square feet of impervious area may discharge to any one point.
17. Gravel strips or other spreading devices are required for all concentrated discharges.
18. Vegetation must be well established along all points of discharge including the sheet flow resulting from a driveway.
19. Soil testing/examination of some type shall be required prior to infiltrating any stormwater back into the ground.
20. Worksheet C.1 must be completed correctly.
21. The Stormwater Management Permit Application must be completed and signed.

# BLACK CREEK TOWNSHIP LEVEL 2 STORMWATER PERMIT SKETCH

**NOTES:**

- 1.) THE APPLICANT OR AGENT MUST CONTACT **RJD ENGINEERING, INC AT 570-459-2609** TO PERFORM THE DURING CONSTRUCTION INSPECTION A MINIMUM OF 48 HOURS PRIOR TO THE PAVING OF THE PROPOSED DRIVEWAY AND THE BURYING OF ANY STORMWATER MANAGEMENT FACILITY.
- 2.) ALL SUMP PUMP OUTLETS, ROOF DRAINS, CONCENTRATED DISCHARGES AND FOUNDATION DRAINS MUST OUTLET TO A WELL VEGETATED AREA OR GRAVEL STRIP AND MUST COMPLY WITH SECTION 301.Q OF THE BLACK CREEK TOWNSHIP STORMWATER MANAGEMENT ORDINANCE.

SHOW NORTH



**ALL ITEMS BELOW MUST BE SHOWN ON THE SKETCH (CHECK EACH)**

- SITE PROPERTY LINES
- NAMES OF ALL ADJOINING PROPERTY OWNERS SHOWN AT PROPERTY LOCATION
- ALL EXISTING STRUCTURES ON SITE AND WITHIN 50 FEET OF SITE
- ALL EXISTING ROADS AND WATERWAYS ON SITE AND WITHIN 50 FEET OF SITE
- ALL EXISTING STORMWATER FACILITIES ON SITE AND WITHIN 50 FEET OF SITE
- ALL PROPOSED STORMWATER FACILITIES ON SITE AND WITHIN 50 FEET OF SITE
- PROPOSED DRIVEWAY LOCATION, DIMENSIONS AND SURFACE TYPE
- PROPOSED BUILDING LOCATION, DIMENSIONS AND DIRECTION OF ROOF SLOPES
- SLOPE OF THE LAND AND SLOPE DIRECTION OF THE LAND AT ALL GRADE BREAKS
- ALL EXISTING UTILITIES (SEWER, WATER, ELECTRIC, CABLE, TELEPHONE & GAS)
- ALL PROPOSED UTILITIES (SEWER, WATER, ELECTRIC, CABLE, TELEPHONE & GAS)
- THE DISCHARGE POINT OF ALL STORMWATER MANAGEMENT FACILITIES
- INCLUDING ROOF DRAINS, FOUNDATION DRAINS, SUMP PUMPS AND DRIVEWAYS
- DIMENSIONS OF ALL STORMWATER MANAGEMENT FACILITIES (EX. AND PR.)

(TO BE COMPLETED BY PERSON THAT COMPLETED THE SKETCH)

**NAME:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

**PHONE:** \_\_\_\_\_

**EMAIL:** \_\_\_\_\_

SITE ADDRESS / LOCATION	DATE	SCALE
PERMIT NUMBER (TWP. ONLY)		