

APPENDIX C
Review Fees
Application Form
Checklist

STORM WATER MANAGEMENT PERMIT

FEE SCHEDULE REVISED 2007

1. Base Review and Filing Fee	\$550.00
2. Disturbed area over 1.5 Acres	\$25/Acre
3. Stormwater Agreement Fee	\$200.00

Checks made out to North Union Township

NORTH UNION TOWNSHIP – BOARD OF SUPERVISORS
APPLICATION FOR STORMWATER MANAGEMENT PLAN

Date of Application: _____ Permit No.: _____

Property Address: _____

Tax Assessment No.: _____ Zoning: _____

Project Name: _____

Property Owner: _____

Address: _____

Phone: () _____ Fax: () _____

Engineer: _____

Address: _____

Phone: () _____ Fax: () _____

Disturbed Acres for Project: _____

Total Disturbed Acres for Site: _____

Total Construction Cost: _____

Attach 2 copies of Stormwater Management Plan

Submit Application Review Fee in the amount of \$ _____
(Make check payable to North Union Township)

I hereby affirm that the above information is true and correct and the Stormwater Management Plan shall be compiled within accordance with all applicable Township Ordinances.

Signature of Property Owner(s): _____

REVIEW OF APPLICATION

The application is hereby rejected for the following reason(s) on _____
(date)

_____ on this date, have reviewed and hereby certify that the Drainage Plan meets all design standards and criteria of the North Union Township Ordinance.

North Union Township Engineer

NOTICE: THE INFORMATION IN THIS DOCUMENT IS SUBJECT TO DISCLOSURE

STORMWATER MANAGEMENT I BMP FACILITIES MAINTENANCE AGREEMENT

THIS AGREEMENT, made and entered into this _____ day of _____ by
and between:

_____, hereinafter called the "Landowner(s)",

- and -

NORTH UNION TOWNSHIP, hereinafter called the "Township",

WITNESSETH, that

WHEREAS, the Landowner owns certain real property described in the Stormwater Management Plan referenced below as recorded by deed in the land records of Fayette County, Pennsylvania, Deed Book _____ at Page _____ and Deed Book _____ at Page _____, hereinafter called the "Property"; and

WHEREAS, the Landowner is proceeding to build on and develop the property; and

WHEREAS, a Stormwater Management Plan, hereinafter called the "Plan", which is expressly made a part hereof, as approved or to be approved by the Township, provides for detention of stormwater within the confines of the property; and

WHEREAS, the Township and the Landowner, agree that the health, safety, and welfare of the residents of North Union Township, Pennsylvania, require that on-site stormwater management/BMP facilities be constructed and maintained on the property; and

WHEREAS, the Township requires that on-site stormwater management/BMP facilities as shown on the Plan be constructed and adequately maintained by the Landowner:

NOW, THEREFORE, in consideration of the foregoing promises, the mutual covenants contained herein, and the following terms and conditions, the parties, with the intention to be legally bound, hereto agree as follows:

1. The on-site stormwater management/BMP facilities shall be constructed by the Landowner, in accordance with the Pennsylvania Department of Environmental Protection, North Union Township Design and Construction Standards and the plans and specifications identified in the Plan.

2. The Landowner shall maintain the stormwater management/BMP facilities in good working condition acceptable to the Township so that they are performing their design functions.

3. The Landowner shall provide an annual inspection to be performed by a Pennsylvania registered professional engineer. The report of inspections, along with a schedule for repair when needed will be furnished to the Township Supervisors by June 30th of each year.

4. The engineer will check the facility for malfunctions and present the findings in the form of an inspection report. At a minimum, the inspection report will include the following:

- a. A description of any sediment buildup and an assessment for the need for cleanout.
- b. A description of erosive and vegetative conditions.
- c. A description of any erosion, piping, and settlement at the embankments, spillways and outlets.
- d. An assessment of the condition of the principal spillway that includes a description of any damage resulting from clogging, sediment accumulation, vandalism, and weathering or corrosion.
- e. A description of any nuisance issues, including but not limited to burrows and dens, waterfowl, and mosquitoes.

5. The Landowner will perform all maintenance, repairs, cleaning, and reconstruction specified in the inspection report. Such maintenance will be completed under the direction of a professional engineer within six months.

6. Should the Township engineer perform an inspection, in addition to the Landowner's and deficiencies are found, the Township may direct the Landowner to make repairs and may set time limits for the repairs to be completed.

7. All repairs will meet the original planned function, meet the standards set forth by DEP and may be inspected by Township/ forces to assure compliance.

8. In the event the Landowner fails to inspect or perform the required maintenance for the stormwater management/BMP facilities within the required time, the Township may enter upon the property and take whatever steps it reasonably deems necessary to maintain said stormwater management/BMP facilities and to charge the reasonable costs of the repairs to the Landowner. The provision shall not be construed to allow the Township to erect any structure of a permanent nature on the land of the Landowner, outside of an easement belonging to the Township. It is expressly understood and agreed that the Township is under no obligation to maintain or repair said facilities, and in no event shall this Agreement be construed to impose any such obligation on the Township.

9. The Landowner, hereby, grants permission to the Township, its authorized agents and employees, to enter upon the Property, and to inspect the stormwater management/BMP facilities whenever the Township deems necessary. The purpose of the inspection is to assure safe and proper functioning of the facilities. The inspection shall cover the entire facilities, berms, outlet structures, pond areas, access roads, etc.

When deficiencies are noted, the Township shall give the Landowner copies of the inspection report with findings and evaluations.

10. In the event the Township, pursuant to this Agreement, performs work of any nature or expends any funds in the performance of said work for labor, use of equipment, supplies, materials, and the like, the Landowner shall reimburse the Township, upon demand, within ten (10) days of receipt thereof, for all reasonable costs incurred by the Township hereunder, including reasonable litigation costs and fees, if incurred.

11. The Landowner shall indemnify and hold harmless the Township and its agents and employees for any and all damages, accidents, casualties, occurrences or claims which might arise or be asserted against the Township for the construction, presence, existence or maintenance of the stormwater management/BMP facilities by the Landowner.

12. In the event such a claim is asserted against the Township, its agents or employees, the Township shall promptly notify the Landowner and they shall defend at their own expense any suit based on such claim. If any judgment or claims against the Township, its agents or employees shall be allowed, the Landowner shall pay all costs and expenses in connection therewith.

13. This Agreement shall be recorded among the land records of Fayette County, Pennsylvania, and shall constitute a covenant running with the land, and shall be binding on the Landowner, its administrators, executors, assigns, heirs and any other successors in interests.

WITNESS the following signatures and seals:

LANDOWNER (Seal)

By:_____

ATTEST:

STATE OF _____

COUNTY OF _____

_____, a Notary Public in and for the County and State aforesaid, whose commission expires on the _____ day of _____, _____, do, hereby, certify that whose name(s) is/are signed to the foregoing Agreement bearing date of the _____ day of _____, _____, has acknowledged the same before me in my said County and State.

GIVEN UNDER MY HAND THIS _____ day of _____, _____.

NOTARY PUBLIC

NORTH UNION TOWNSHIP
BOARD OF SUPERVISORS

Robert Tupta

Thomas Kumor

Curtis Matthews

ATTEST:

STATE OF _____

COUNTY OF _____

_____, a Notary Public in and for the County and State aforesaid, whose commission expires on the _____ day of _____, _____, do, hereby, certify that whose name(s) is/are signed to the foregoing Agreement bearing date of the _____ day of _____, _____, has acknowledged the same before me in my said County and State.

GIVEN UNDER MY HAND THIS _____ day of _____, _____.

NOTARY PUBLIC

**NORTH UNION TOWNSHIP
BOARD OF SUPERVISORS**

STORMWATER MANAGEMENT CHECKLIST

Please refer to Stormwater Management Ordinance No. _____ for complete requirements.

Requirements:

	YES	NO	NA
1. All stormwater BMPs must be located on a plan and described in detail.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. When infiltration methods such as seepage pits, beds or trenches are used, the locations of existing and proposed septic tanks, infiltrations areas and wells must be shown.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. All calculations, assumptions and criteria used in the design of the stormwater BMPs must be shown.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Project Plan:

1. Two (2) copies of plans	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. General description of project	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. General description of permanent stormwater BMPs, including construction specifications of the materials to be used for stormwater BMPs.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Complete hydrologic, hydraulic and structural computations for all stormwater BMPs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. A written description of the following:			
a. The overall stormwater management concept for this project.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Stormwater runoff computations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Stormwater management BMPs to be applied both during and after development.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Calculations on all storm pipe sizing, inlet grate capacity and pipe outfall protection.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Expected project time schedule	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Name of development, name and address of property owner and name of individual or firm preparing plan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Date of submission	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Signature for Municipal Engineer _____ on this date, have reviewed and hereby certify that the Drainage Plan meets all design standards and criteria of the North Union Township Ordinance.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Map of Project (24x36 or 30x42):

- | | | | | |
|-----|---|--------------------------|--------------------------|--------------------------|
| 1. | Two (2) copies of maps | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. | Location of the project relative to highways, municipalities or other identifiable landmarks. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. | Existing contours at intervals of two feet. In areas of steep slopes (greater than 15%), five-foot contour intervals. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. | Existing stream, lakes, ponds or other bodies of water within the project area | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. | Other physical features including flood hazard boundaries, sinkholes, stream, existing drainage courses, areas of natural vegetation to be preserved and the total extent of the upstream area drainage through the site. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. | Locations of all existing and proposed utilities, sanitary sewers and water lines within 50 feet of property lines. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. | Overlay showing soil names and boundaries. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. | Proposed changes to the land surface and vegetative cover, including the type and amount of impervious area that would be added. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. | Proposed structures, roads, paved areas and buildings. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. | Final contours at intervals of two feet. In areas of steep slope (greater than 15%), five-foot contour intervals. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. | Pre-flow drainage areas and post-flow drainage areas with area noted in acreage. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. | Name of development, name and address of property owner and name of individual or firm preparing plan. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. | Date of submission | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. | Graphic scale of one inch (1") equals fifty feet (50'), for tracts of twenty acres or more one inch (1") equals one hundred feet (100'). | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. | North arrow | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16. | Total tract boundary size with distances marked to the nearest foot and bearings to the nearest degree. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. | Existing and proposed land use(s) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

- | | | | | |
|-----|--|--------------------------|--------------------------|--------------------------|
| 18. | A key map showing all existing man-made features beyond the property boundary line that would be affected by the project. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 19. | Horizontal and vertical profiles of all open channels, including hydraulic capacity. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 20. | Overland drainage paths | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 21. | Twenty-foot (20') wide access easement around all stormwater management that would provide ingress to egress from a public right of way. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 22. | Construction detail of any improvements made to sinkholes and the location of all notes to be posted. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 23. | A signed statement by the landowner, acknowledging the stormwater BMPs to be fixtures that can be altered or removed only after approval of a revised plan by the Township. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 24. | Location of all erosion and sediment control BMPs | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 25. | Signature for Municipal Engineer _____
on this date, have reviewed and hereby certify that the Drainage Plan meets all design standards and criteria of the North Union Township Ordinance. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Supplemental Information:

- | | | | | |
|----|--|--------------------------|--------------------------|--------------------------|
| 1. | Soil erosion and sediment control plan, including all review and approvals, as required by PA DEP. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. | Geologic assessment of the effect of runoff on sinkholes | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. | Effect of the project (in terms of runoff volumes and peak flows) on adjacent properties and on any existing municipal stormwater collection system. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. | Declaration of Adequacy and Highway Occupancy permit from the PENNDOT District Office | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Please review this checklist with your surveyor/engineer for completeness, prior to submission.

DATE: _____ SUBMITTED BY: _____

ENGINEER COMPANY NAME: _____

ADDRESS: _____

PHONE NUMBER: _____ FAX NUMBER: _____