

**CHAPTER 174 STORMWATER MANAGEMENT (SWM) SITE PLAN  
TOWNSHIP OF DERRY  
CHECKLIST FOR SUBMISSION**

The SWM Site Plan shall include (but not be limited to):

<b>Item</b>	<b>Provided</b>
1. Standard Derry Township title block ( <i>OPTIONAL</i> )	
2. Sheet size 22" x 36"	
3. Name, address, telephone number, and e-mail address of developer; registered owner; equitable owner; applicant; and contractor	
4. Title of plan	
5. Location plan not smaller than 1" = 1000'	
6. North arrows for all plan views	
7. Scale designation for all drawings and details, graphically and written	
8. Square feet of floor area (footprint)	
9. Date of drawing preparation	
10. Names of existing and proposed streets or alleys	
11. Impervious cover (existing and proposed)	
12. Vegetative cover (existing and proposed)	
13. Number or letter to identify each lot	
14. Proposed use of each lot	
15. All restrictions on the use of land including easements, rights-of-way, and covenants	
16. Narrative report	
17. Metes and bounds description of the entire tract perimeter, existing and proposed easements, and rights-of-way.	
18. Existing and proposed contours at intervals of 2 feet	
19. Existing waterbodies within the project area including stream, lakes, ponds, field-delineated wetlands or other bodies of water, sinkholes, flood hazard boundaries (FEMA-delineated floodplains and floodways), all sensitive environmental areas of natural vegetation to be preserved, the total extent of the upstream area draining through the site, and overland drainage paths.	
20. All existing and proposed utilities, on-lot wastewater facilities, water supply wells, sanitary sewers, and water lines on and within 50 feet of property lines.	
21. A key map showing all existing man-made features beyond the property boundary that may be affected by the project.	

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22. Soil names and boundaries with identification of the Hydraulic Soil Group classification.	
23. The proposed limit of disturbance line and associated proposed disturbed acres.	
24. Proposed structures, roads, paved areas, buildings, and other improvements including plans and profiles of roads and paved areas and floor elevations of buildings.	
25. Horizontal alignment, vertical profiles, and cross sections of all open channels, pipes, swales, and other BMPs.	
26. The location and clear identification of the nature of permanent stormwater BMPs. This information shall include the limits of design impervious area and, where applicable, modification of design for impervious area in excess of that specified.	
27. The location of all erosion and sedimentation control facilities.	
28. A minimum 20-foot wide access easement around all stormwater management facilities that would provide ingress to and egress from a public right-of-way. In lieu of providing an easement to the public right-of-way, a note may be added to the plan granting the Township or their designees access to all easements via the nearest public right-of-way.	
29. Construction details for all drainage and stormwater BMPs. Where possible, guidance for modification of the design for additional impervious area shall be provided.	
30. Construction details of any improvements made to sinkholes.	
31. Identification of short-term and long-term ownership, operations, and maintenance responsibilities.	
32. All required standard notes and statements (refer to §174-20.A.(22) and Appendix F of Chapter 174).	
33. <u>Required number of copies:</u> Where the SWM Site Plan is part of a subdivision or land development plan submission, the applicant shall follow procedures specified in Chapter 185, Article III. In all other cases, provide 3 copies of the plan ( <i>additional copies shall be submitted as requested by the Township, Tri-Regional Planning Commission, Dauphin County Conservation District, or PA Dept. of Environmental Protection</i> ).	
34. Required filing fee, payable to the Township of Derry.	

**NOTE: Refer to Chapter 174, §174-20.C for supplemental information to be provided prior to recording of the SWM Site Plan.**

**CHAPTER 174 STORMWATER MANAGEMENT (SWM) SITE REPORT**  
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The SWM Site Report shall include (but not be limited to):

<b>Item</b>	<b>Provided</b>
1. The name of the development; name and location and/or address of the property site; name, address, telephone number, and e-mail address of the Applicant/Owner of the property; and name, address, telephone number, e-mail address, and engineering seal and signature of the individual preparing the SWM Site Report.	
2. Project description narrative including expected project time schedule.	
3. Location map showing the project site and its location relative to release rate districts.	
4. Drainage area maps for all watersheds and inlets depicting the time of concentration paths.	
5. A detailed description of the existing site conditions. A detailed site evaluation shall be completed for projects proposed in areas of carbonate geology or Karst topography, and other environmentally sensitive areas such as brownfields.	
6. Complete hydrologic, hydraulic and structural computations, calculations, assumptions, and criteria for the design of all stormwater BMPs.	
7. Description of, justification, and actual field results for infiltration testing with respect to the type of test and test location for the design of infiltration BMPs.	
8. Calculations showing the total drainage area and impervious area loading rates to each BMP.	
9. The effect of the project (in terms of runoff volumes, water quality, and peak flows) on surrounding properties and aquatic features and on any existing municipal stormwater collection system that may receive runoff from the project site.	
10. Description of the proposed changes to the land surface and vegetative cover, including the type and amount of impervious area to be added.	
11. All applicable worksheets from Chapter 8 of the BMP Manual when establishing volume controls.	
12. Identification of short-term and long-term ownership, operation, and maintenance responsibilities as well as schedules and costs for inspection and maintenance activities for each permanent stormwater or drainage BMP, including provisions for permanent access or maintenance easements.	
13. <u>Required number of copies:</u> Where the SWM Site Report is part of a subdivision or land development plan submission, the applicant shall follow procedures specified in Chapter 185, Article III. In all other cases, provide 3 copies of the report ( <i>additional copies shall be submitted as requested by the Township, Tri-Regional Planning Commission, Dauphin County Conservation District, or PA Dept. of Environmental Protection</i> ).	