



## **Table Of Contents**

SECTION 1 - PURPOSE.....	1
Section 1.1: Findings .....	1
Section 1.2: Purpose.....	2
Section 1.3: Statutory Authority .....	3
Section 1.4: Applicability .....	3
Section 1.5: Repealer .....	3
Section 1.6: Severability .....	3
Section 1.7: Compatibility with Other Requirements.....	3
Section 1.8: Erroneous Permit .....	4
Section 1.9: Liability Disclaimer: .....	4
SECTION 2 - DEFINITIONS.....	4
SECTION 3 - STORMWATER MANAGEMENT REQUIREMENTS.....	7
Section 3.1: General Requirements.....	7
Section 3.2: Regulated Impervious Area Calculations .....	8
Section 3.3: Exemptions .....	8
Section 3.4: Stormwater Management Requirements.....	9
Section 3.5: Offsite Stormwater Management.....	12
Section 3.6: Existing Stormwater Management.....	12
SECTION 4. STORMWATER MANAGEMENT PLAN REQUIREMENTS.....	12
Section 4.1 General.....	12
Section 4.2 Plan Requirements .....	12
Section 4.3 Plan Submission.....	14
Section 4.4: Submission & Review.....	14
SECTION 5. INSPECTIONS AND CONSTRUCTION COMPLETION .....	14
SECTION 6. FEES .....	14
SECTION 7. FINANCIAL GUARANTEES.....	14
SECTION 8. ENFORCEMENT AND PENALTIES .....	15
SECTION 9. EFFECTIVE DATE.....	16

## **APPENDICES**

Appendix A – STORMWATER MANAGEMENT PLAN APPLICATION

Appendix B – OPERATION AND MAINTENANCE PLAN

Appendix C – RESOLUTION AND FEE SCHEDULE

Appendix D.0 – SMALL PROJECT APPLICATION

Appendix D.1 – SMALL PROJECT SKETCH PLAN

Appendix D.2 – SMALL PROJECT SCM SIZING GUIDELINES

Appendix E – STORMWATER MANAGEMENT REQUIREMENTS DETERMINATION

## **EXHIBITS**

Exhibit 1 – PEAK RATE WATERSHED MAP (USGS TOPO)

Exhibit 2 – PEAK RATE WATERSHED MAP (AERIAL)

## SOMERSET TOWNSHIP

### STORMWATER MANAGEMENT ORDINANCE

#### SECTION 1 - PURPOSE

The purpose of this Ordinance is to enact rules, regulations and procedures to manage and control stormwater in geographic areas within the jurisdiction of Somerset Township in a manner consistent with the Coxes Creek Watershed Act 167 Stormwater Management Plan, Stonycreek River Watershed Act 167 Stormwater Management Plan, and Subdivision and Land Development Ordinance as adopted by Somerset County, Pennsylvania.

#### **Section 1.1: Findings**

The **Somerset Township** finds that:

- A. Stormwater runoff from lands modified by human activities threatens public health and safety by causing decreased infiltration of rainwater and increased runoff flows and velocities, which overtax the carrying capacity of existing streams and storm sewers, causes property damage and risk to public safety, and greatly increases the cost to the public to manage stormwater.
- B. Inadequate planning and management of accelerated stormwater runoff resulting from land development and redevelopment throughout a watershed can also harm surface water resources by changing the natural hydrologic patterns, accelerating stream flows (which increase scour and erosion of stream- beds and stream-banks thereby elevating sedimentation), destroying aquatic habitat and elevating aquatic pollutant concentrations and loadings such as sediments, nutrients, heavy metals and pathogens. Groundwater resources are also impacted through loss of recharge.
- C. **Somerset Township, Pennsylvania** is located within the **Coxes Creek, Laurel Hill Creek, Quemahoning Creek, Buffalo Creek, Stonycreek River, and Casselman River** Watershed(s) and as such will endeavor to cooperate with other municipalities located in the watershed(s) to address issues of stormwater management, water quality, pollution and flooding.
- D. Non-stormwater discharges to municipal separate storm sewer systems can contribute to pollution of waters of the Commonwealth in the **Somerset Township**.
- E. Stormwater can be an important water resource by providing groundwater recharge for water supplies and base flow of streams, which also protects and maintains surface water quality.
- F. Public education on the control of pollution of stormwater is an essential component in successfully managing stormwater.
- G. A comprehensive program of stormwater management, including reasonable regulation of land development and redevelopment causing loss of natural infiltration, is fundamental to public health, safety, welfare, and the protection of the people of the Municipality and all the people of the Commonwealth, their resources, and the environment.

- H. The use of open space conservation, green infrastructure, low impact development (LID), and riparian buffers are intended to address the root cause of water quality impairment by using systems and practices which use or mimic natural processes to: 1) infiltrate and recharge, 2) evapotranspiration, and/or 3) harvest and use precipitation near where it falls to earth. Green infrastructure practices, LID, and riparian buffers contribute to the restoration or maintenance of pre-development hydrology.
- I. Stormwater structures are considered vital infrastructure and can pose a significant hazard. Outlets and waterways which carry stormwater shall be maintained free of obstructions to allow for non-restricted flow of stormwater to avoid impoundment of water.
- J. Occupancy and modification of floodplains shall be avoided wherever there is a practicable alternative to reduce long and short-term adverse impacts in order to reduce the risk of flood loss, minimize the impact of floods on human safety, health and welfare, and to restore and preserve the natural and beneficial values served by floodplains.

### **Section 1.2: Purpose**

The purpose of this Ordinance is to promote health, safety, and welfare within the Municipality and its watersheds by minimizing the harm and maximizing the benefits described in this Section of this Ordinance, through provisions designed to:

- A. Manage stormwater runoff impacts at their source by regulating activities that cause the problems, reducing runoff volumes and mimic natural hydrology.
- B. Maintain existing flows and quality of streams and watercourses.
- C. Prevent scouring and erosion of streambanks and streambeds.
- D. Utilize and preserve the existing natural drainage systems as much as possible.
- E. Restore and preserve the natural and beneficial values served by streamside and waterbody floodplains.
- F. Focus on infiltration of stormwater, to maintain groundwater recharge, to prevent degradation of surface and groundwater quality and to otherwise protect water resources.
- G. Promote stormwater runoff prevention and emphasize infiltration and evapotranspiration through the protection and conservation of natural resource systems and the use of non-structural SCMs and other creative methods of improving water quality and managing stormwater runoff.
- H. Promote the use of green infrastructure in development and redevelopment where it can also improve stormwater management within the broader watershed in which the project is located.
- I. Meet legal water quality requirements under state law, including regulations at 25 Pa. Code, Chapter 93.4a, to protect and maintain "existing uses" and maintain the level of water quality to support those uses in all streams, and to protect and maintain water quality in "special protection" streams.
- J. Provide review procedures and performance standards for stormwater planning and management.

- K. Provide for proper operations and maintenance of all permanent stormwater management SCMs that are implemented in the Municipality.
- L. Provide a mechanism to identify controls necessary to meet the NPDES permit requirements, and to encourage infrastructure improvements that lead to separation of storm sewer systems from sanitary sewer systems.

### **Section 1.3: Statutory Authority**

- A. The Municipality is empowered to regulate land use activities that affect stormwater runoff by, *inter alia*, the authority of the Stormwater Management Act of October 4, 1978, P.L. 864 (Act 167), 32 P.S. Section 680.1, et seq., as amended.
- B. Act 167 requires a Municipality to “adopt or amend, and shall implement such ordinances and regulations, including zoning, subdivision and development, building code, and erosion and sedimentation ordinances, as are necessary to regulate development within the Municipality in a manner consistent with the applicable watershed stormwater plan and the provisions of this act”.

### **Section 1.4: Applicability**

- A. This Ordinance applies to all Land Developments and Regulated Earth Disturbance Activities within the Municipality.
- B. Earth disturbance activities and associated stormwater management controls are also regulated under existing State law and implementing regulations. This Ordinance shall operate in coordination with those parallel requirements; the requirements of this Ordinance shall be no less restrictive in meeting the purposes of this Ordinance than State law.

### **Section 1.5: Repealer**

This Ordinance repeals all prior stormwater management ordinances, including Ordinance Nos. 05-02 and 10-01, in their entirety. Any other ordinance provision(s) or regulation of the municipality inconsistent with any of the provisions of this Ordinance is hereby repealed to the extent of the inconsistency only.

### **Section 1.6: Severability**

If any word, phrase, section, sentence, clause or part of this Ordinance is for any reason found to be unconstitutional, illegal or invalid, such unconstitutionality, invalidity or illegality by a court of competent jurisdiction, shall not affect or impair any of the remaining words, phrases, sections, sentences, clauses or parts of this Ordinance. It is hereby declared to be the intent of the **Somerset Township** that this Ordinance would have been adopted had such unconstitutional, illegal or invalid word, phrase, section, sentence, clause or part thereof not been included herein.

### **Section 1.7: Compatibility with Other Requirements**

- A. Approvals issued and actions taken under this Ordinance do not relieve the applicant of the responsibility to secure required permits or approvals for activities regulated by any other code, law, regulation or ordinance. To the extent that this Ordinance imposes more rigorous or stringent

requirements for stormwater management, the specific requirements contained in this Ordinance shall be followed.

- B. Conflicting provisions in other municipality ordinances or regulations shall be construed to retain the requirements of this Ordinance addressing state water quality requirements.

### **Section 1.8: Erroneous Permit**

Any permit or authorization issued or approved based on false, misleading or erroneous information provided by an applicant is void without the necessity of any proceedings for revocation. Any work undertaken or use established pursuant to such permit or other authorization is unlawful. No action may be taken by a board, agency or employee of the Municipality purporting to validate such a violation.

### **Section 1.9: Liability Disclaimer:**

- A. Neither the granting of any approval under the stormwater management provisions of this Ordinance, nor the compliance with the provisions of this Ordinance, or with any condition imposed by any public body of the Municipality or by a **Somerset Township** official, employee or consultant hereunder, shall relieve any person from any responsibility for damage to person or property resulting therefrom, or as otherwise imposed by law, nor impose any liability upon the municipality for damages to persons or property.
- B. The granting of a permit which includes any stormwater management does not constitute a representation, guarantee or warranty of any kind by the municipality or by an official or employee thereof, of the practicability or safety of any structure, use or other plan proposed and shall create no liability upon or cause of action against such public body, official or employee for any damage that may result pursuant thereto.

## **SECTION 2 - DEFINITIONS**

Unless specifically defined in this Section, all technical terms in this Ordinance shall be as defined in the provisions of Pa Code Title 25 Environmental Protection, Pennsylvania Department of Environmental Protection (PADEP) Erosion and Sediment Pollution Control Program Manual (PADEP E&S Manual, Latest Ed.), and PADEP Stormwater Control Measures Manual (PADEP SCM Manual, Latest Ed.). For the purposes of this Ordinance, certain terms and words used herein shall be interpreted as follows:

- A. Words used in the present tense include the future tense; the singular number includes the plural, and the plural number includes the singular; words of masculine gender include feminine gender; and words of feminine gender include masculine gender.
- B. The word “includes” or “including” shall not limit the term to the specific example but is intended to extend its meaning to all other instances of like kind and character.
- C. The words “shall” and “must” are mandatory; the words “may” and “should” are permissive.

The following definitions shall apply specifically to this Ordinance:

**Alteration** – As applied to land, a change in topography as a result of the moving of soil and rock from one location or position to another; the changing of surface conditions by causing the surface to be more or less impervious; or earth disturbance.

**Applicant** – A landowner, developer, or other person who has filed an application to the Municipality for approval to engage in any Regulated Earth Disturbance Activity at a project site in the Municipality.

**Building Permit** – A permit or other approval issued by the Municipality for building construction and/or earth disturbance.

**Conservation District** – The Somerset County Conservation District or any successor agency. A conservation district, as defined in section 3(c) of the Conservation District Law (3 P. S. § 851(c)), as amended, has the authority under a delegation agreement executed with the Department to administer and enforce all or a portion of the regulations promulgated under 25 Pa. Code 102.

**Coxes Creek Watershed** – The geographic area bounded peripherally by water parting and draining to the main stem of Coxes Creek including subwatersheds of Bromm Run, Dempsey Run, East Branch of Coxes Creek, Kimberly Run, Laurel Run, Parson Run, Rice Run, West Branch of Coxes Creek, and Wilson Creek. Refer to Exhibits 1 and 2 of this Ordinance for watersheds within the Township.

**Developer** – A person or persons, partnership, association, corporation or other entity, or any responsible person therein or agent thereof, who or which undertakes the activities covered by this Ordinance.

**Development Site** – See Project Site.

**Domestic Gardening and Landscaping** – The alteration, improvement, or modification for the purpose of planting or tending any non-invasive plant species for the purpose of consumption or beautification of land. Beautification of land may include flora and fauna, water features, and impervious surfaces. Impervious surfaces shall not exceed 500 SF of land coverage.

**Environmental Limitations** – Conditions such as poor soils, high groundwater, geologic features, proximity to structures, soil contamination, groundwater contamination, or other conditions that may make infiltration impractical and/or undesirable.

**Existing Conditions / Pre-Development Conditions** – The representative condition or dominant land coverage of a Project Site within five (5) years prior to initial permit application for the proposed land development.

**Gravel Surface** – any crushed or fine aggregate material, clean washed (AASHTO #57 / PennDOT 2B, etc.) or including fines (PennDOT 2A, etc.), which is placed to provide a stabilized surface for travel, parking, storage, laydown, structures, etc. Gravel surfaces shall be considered any area where the gravel coverage is approximately 50% or greater of a specific land area (in the instance of a mixture of vegetation or soil and gravel). Gravel surfaces shall be considered impervious surfaces for both Existing and Proposed Conditions.

**Impervious Surface Area** – A surface that prevents the percolation or infiltration of water into the ground, soil, or surface. An impervious surface includes, but is not limited to, any concrete, asphalt, roof, parking, driveway, patio, street, or sidewalk areas. Existing and proposed Gravel Surfaces not utilized as part of a SCM shall be considered impervious surfaces for both existing and proposed land coverages and in applicable stormwater peak rate and volume calculations. This includes clean gravel (e.g. AASHTO #57/PennDOT 2B) and gravel which contains fines (e.g. PennDOT 2A).

**Infiltration** – (i) The portion of rainfall or surface runoff that moves downward into the subsurface soil and rock. (ii) The entrance of surface water into the soil, usually at the soil/air interface.

**Land Development** – The alteration, improvement, modification, or re-development of land involving construction activities conducting earth disturbance; excavation, trenching, and grading for any purpose other than agricultural or timber harvesting activities which are separately regulated by the Commonwealth of Pennsylvania.

**Landowner** - the legal or beneficial owner or owners of land including the holder of an option or contract to purchase (whether or not such option or contract is subject to any condition), a lessee if he is authorized under the lease to exercise the rights of the landowner, or other person that has a proprietary interest in land.

**Maintenance** – activities that do not cause earth disturbance (such as pavement milling and overlay, full depth pavement replacement which does not remove existing aggregate or soil base courses, seal coating, demolition which retains and does not disturb an existing impervious surface (i.e. floor slab), or rebuilding a structure on an existing foundation) which are completed to extend the life cycle of an existing land surface covering.

**Municipality** – Somerset Township, Somerset County, Pennsylvania.

**Pervious Surface (Pervious Area)** - Any area not defined as impervious.

**Person** – An individual, partnership, association, corporation, or other entity.

**Post-Development / Proposed Conditions** – The condition of a land development project site established by the land development or subdivision plans after completion of construction, site stabilization, removal of erosion and sediment controls, and termination of all associated permits required for construction.

**Project Site** – The area of Land Development inclusive of all construction and supporting activities.

**Re-development / Re-developed** – Earth Disturbance or Land Development occurring on a project site which has previously been developed and/or exists as an impervious surface.

**Regulated Impervious Area** – any New or Re-Developed Impervious Surface within the Project Site which is required to be controlled and by stormwater management practices consistent with the provisions of this ordinance.

**Roadway Maintenance** – construction activities within the existing limits (curb to curb, pavement edge to pavement edge, or shoulder to shoulder) of any public street or highway for the purpose of replacing the pavement structure and aggregate subbase material. Excavation, trenching, and grading of subgrade shall be considered Land Development.

**Small Project** – Land Development with a Regulated Impervious Area between 500 and 10,000 square feet.

**Somerset County Subdivision & Land Development Ordinance (SALDO)** – As adopted by the Somerset County Commissioners on November 16, 2021, with an effective date of January 1, 2022, including any subsequent amendments or replacement thereof.

**Stonycreek Watershed** – The geographic area bounded peripherally by water parting and draining to the main stem of Stonycreek including subwatersheds of Dalton Run, Bens creek, Kaufman Run, Roaring Fork, Roaring Run, Paint Creek, Soap Hollow, Beaverdam Creek, Shingle Run, Piney Run, Shade Creek, Dark Shade Creek, Miller Run, Quemahoning Creek, Little Mill Creek, Wells Creek, Clear Run, Coal Run, Boone Run, Spruce Run, Oven Run, Glades Creek, Reltz Creek, Hoffman Run, Cub Run, Babcock Creek, Higgins Run. Refer to Exhibits 1 and 2 of this Ordinance for a map of watersheds within the Township.

**Stormwater Control Measure (SCM)** – Any natural feature or manmade structure designed or utilized to reduce or manage the volume, pollutant load, or peak rate of stormwater runoff.

**Stormwater Management Plan (SMP)** – calculations, narratives, and drawings describing and illustrating stormwater management for Land Development.

**Subdivision** – The division or re-division of a lot, tract or parcel of land by any means into two or more lots, tracts, parcels or other division of land including changes in existing lot lines for the purpose, whether immediate or future, of lease, or transfer of ownership. The definition does not include any type of land alteration, development, improvement, or modification.

## **SECTION 3 - STORMWATER MANAGEMENT REQUIREMENTS**

### **Section 3.1: General Requirements**

- A. All Land Development shall include such measures as necessary to:
1. Protect health, safety, and property.
  2. Meet State Water Quality Requirements.
  3. Meet the water quality goals of this Ordinance by implementing measures to:
    - i. Minimize disturbance to floodplains, wetlands, natural slopes over 15%, and existing native vegetation.
    - ii. Preserve and maintain trees and woodlands. Maintain or extend riparian buffers and protect existing forested buffers. Provide trees and woodlands adjacent to impervious areas whenever feasible.
    - iii. Establish and maintain non-erosive flow conditions in natural flow pathways.
    - iv. Minimize soil disturbance and soil compaction. Over disturbed areas, replace topsoil to a minimum depth equal to the original depth or 4 inches, whichever is greater. Use tracked equipment for grading when feasible.
    - v. Disconnect impervious surfaces by directing runoff to pervious areas, wherever possible.
  4. To the maximum extent practicable, incorporate the techniques for Low Impact Development Practices described in The Pennsylvania Stormwater Stormwater Control Measures Manual.
- B. For all Land Development, unless preparation of an SMP is specifically exempted in Section 4.3:
1. Preparation and implementation of an approved SMP is required.
  2. No Land Development shall commence until the municipality issues written approval of a SMP which demonstrates compliance with the requirements of this Ordinance.

- C. All stormwater discharges shall be directed or directly connected to a public stormwater collection or conveyance structure wherever feasible. Discharge of stormwater onto adjacent property shall be required to have energy dissipation features to protect the public interest, health, safety, and minimize erosion potential.
- D. The following permit requirements apply to certain land development activities, and must be met prior to municipal approval of subdivision plans or land development plans, or issuance of building or occupancy permits, where applicable:
  - 1. All earth disturbance activities subject to the standards and possible permit requirements by the PADEP under regulations at 25 Pa. Code, Chapter 102.
  - 2. Work within waterways, any construction located in or adjacent to surface water of the Commonwealth, including wetlands, or any facility which may constitute a dam subject to permit, subject to the standards and possible permit requirements by the PADEP under regulations at 25 Pa. Code, Chapter 105.
  - 3. Construction activities along, within, across, or abutting a state highway right-of-way may be subject to the standards and possible permit requirements of the Pennsylvania Department of Transportation (PennDOT).
- E. Stormwater flows onto adjacent property shall not be channelized, increased, or relocated without written permission of the adjacent property owner(s).
- F. For all Land Development, SCM's shall be designed, implemented, operated, and maintained to meet the purposes and requirements of this Ordinance and to meet all requirements under Pennsylvania Code Title 25, the Clean Streams Law, and the Storm Water Management Act.

### **Section 3.2: Regulated Impervious Area Calculations**

- A. All Land Development shall be required to control stormwater runoff related to the Regulated Impervious Area in a manner consistent with this Ordinance. The Regulated Impervious Area shall be used to determine the amount of stormwater runoff to be managed by this Ordinance.
- B. All new Impervious Surface Areas within the Project Site shall be considered Regulated Impervious Area.
- C. All Re-Developed Impervious Surfaces within the Project Site shall be considered Regulated Impervious Area.
- D. The measurement of Impervious Areas shall include all the Impervious Areas in the total proposed Project Site even if development is to take place in stages.
- E. For development taking place in stages, the entire development plan must be used in determining conformance with this Ordinance.

### **Section 3.3: Exemptions**

A Stormwater Management Plan exemption does not relieve the Developer/Applicant from any other applicable local, state, or federal ordinance, regulation, approval, or permit requirements.

The following activities are not required to prepare and submit a Stormwater Management Plan to Somerset Township prior to construction:

1. Land Development with a total Regulated Impervious Area of less than 500 square feet.
2. A Minor Subdivision as defined in the Somerset County Subdivision & Land Development Ordinance.
3. Agricultural activity and High Tunnels are exempt provided the activities are performed according to the requirements of 25 Pa. Code Chapter 102.
4. Forest management and timber operations are exempt provided the activities are performed according to the requirements of 25 Pa. Code Chapter 102,
5. Roadway and Parking Lot Maintenance that does not increase the Regulated Impervious Area.
6. Domestic gardening and landscaping.
7. Utility Construction that replaces the land cover type in-kind.
8. Demolition which removes all existing impervious areas and restores the area to grass or a pervious surface.

Land Development with a total Regulated Impervious Area between **500** and **10,000** square feet shall follow Section 3.4(B)(2) and utilize Appendix D.

Exemption Criteria:

- A. Exemption Responsibilities - An exemption shall not relieve the Applicant from implementing such measures as are necessary to protect public health, safety, and property.
- B. HQ and EV Streams - An exemption shall not relieve the Applicant from meeting the special requirements for watersheds draining to identified high quality (HQ) or exceptional value (EV) waters and Source Water Protection Areas (SWPA) and requirements for non-structural project design sequencing.
- C. Drainage Problems - If a drainage problem is documented or known to exist downstream of or is expected from the proposed activity, then the Municipality may require the Applicant to comply with the Ordinance.
- D. Even though the developer may be exempt from this ordinance, they are not relieved from complying with other regulations.

### **Section 3.4: Stormwater Management Requirements**

#### **A. General Calculation Requirements:**

1. The design storm volumes to be used in the analysis of peak rates of discharge should be obtained from the Precipitation-Frequency Atlas of the United States, Atlas 14, Volume 2, U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA), National Weather Service, Hydrometeorological Design Studies Center, Silver Spring, Maryland, 20910.

2. Infiltration SCMs should be spread out, made as shallow as practicable, and located to maximize use of natural on-site infiltration features while still meeting the other requirements of this Ordinance.
3. SCMs should completely drain both the volume control and rate control capacities over a period of time not less than 24 and not more than 72 hours from the end of the design storm.
4. Various SCMs and their design standards are listed in the Pennsylvania Stormwater Stormwater Control Measures Manual 363-0300-002.
5. Stormwater runoff computations and descriptive narrative.
  - a. Runoff computations shall be completed using either the Rational Method or the NRCS Soil Cover Complex Method, and shall be completed using standard engineering practices as established in the PADEP E & S Manual or the PA Handbook for Developing Areas.
6. The applicant may meet Peak Rate and Volume Controls through off-site stormwater management measures as long as the proposed measures are in the same subwatershed as shown in Exhibit 1 and 2. Off-site stormwater control measures may only be sought if it is shown that on-site stormwater control measures cannot be physically accomplished.
7. Management of stormwater shall be achieved through the use of Stormwater Control Measures (SCMs) as described in the PA Department of Environmental Protection's Stormwater Control Measures Manual. Construction, materials, and design considerations described in the Manual shall be followed to the maximum extent practicable. Alternative methods of stormwater management will only be considered if it is demonstrated that SCMs cannot be followed.
8. The design of all facilities over Karst shall include an evaluation of measures to minimize adverse effects.

B. Required Stormwater Peak Rate and Volume Controls:

Land Development activities shall meet the following stormwater management Peak Discharge Rate and Runoff Volume requirements based on the Limit of Disturbance and measure of Regulated Impervious Area.

1. **Regulated Impervious Area of 0 SF to 500 SF:** Stormwater Management Plan not required.
2. **Regulated Impervious Area of 501 SF to 10,000 SF:** Follow Small Project regulations below and complete application package found in Appendix D.
  - a. Small Projects shall be required to meet or exceed the provisions set forth in this Section and Appendices D.0, D.1, and D.2.
  - b. Small Projects shall meet the following:

- Provide SCMs to capture 2” of stormwater runoff generated by or originating from the Regulated Impervious Area.
  - Infiltrate or retain on-site 1” of stormwater runoff generated by or originating from the Regulated Impervious Area.
  - Connect or direct SCM discharge to public storm sewer system, when applicable or required by the Municipality.
- c. Small Projects Applicants shall submit two (2) counterparts of the completed Small Projects Application (Appendix D.0, D.1, and D.2) and appropriate fees to the Municipality. Approval of the Small Project will be evidenced by the Municipality’s approval and countersigning of both counterparts of submitted applications. One (1) counterpart will remain on file at the Municipality office and the other will be returned to the Applicant.
- d. Small Projects shall be required to execute the Operation & Maintenance Agreement (Appendix B) and attach the sketch plan (Appendix D.1) to the Agreement for recording purposes. Applicants will be required to coordinate the recording of the agreement and Plan at the Somerset County Recorder of Deeds Office. A copy of the recorded plan and agreement shall be furnished to the Township once available.
3. **Regulated Impervious Area of 10,001 SF or Greater**: No Exemptions. Follow the regulations as set forth below:

a. **Peak Rate**:

Post-development discharge rates shall not exceed the pre-development discharge rates for the following 24-hour storm events as specified below:

**Standard Peak Rate (Coxes Creek Watershed)\*:**

<b>Post Development</b>	<b>(reduce to) Pre-Development</b>
2-year	2-year
10-year	10-year
25-year	25-year

**Expanded Peak Rate (Stonycreek River Watershed)\*:**

<b>Post Development</b>	<b>(reduce to) Pre-Development</b>
2-year	1-year
5-year	5-year
10-year	10-year
25-year	25-year
50-year	50-year
100-year	100-year

\* See Exhibits 1 and 2 for Somerset Township Peak Rate watershed location maps.

All other watersheds:

Refer to the Somerset County Subdivision and Land Development Ordinance (latest revision) for Peak Rate requirements.

C. Volume:

1. Infiltrate or retain on-site the net increase of stormwater runoff from the 2-year, 24-hour storm.
2. Applicants may utilize the Pennsylvania DEP PCSM Spreadsheet (latest edition) to demonstrate volume compliance. Spreadsheet can be found at:  
<https://www.pa.gov/agencies/dep/programs-and-services/water/clean-water/stormwater-management/construction-stormwater/eands-resources.html>.

**Section 3.5: Offsite Stormwater Management**

- A. The Developer or Applicant may request the use of an alternative site(s) for meeting the requirements of the Ordinance. The Developer or Applicant should request approval from the Municipality to use off-site management prior to submitting a Stormwater Management Plan. The Developer or Applicant shall provide a brief description of the site and location for the proposed off-site management plan.
- B. The alternative site(s) shall be within the same watershed as the Project Site and shall manage areas that will provide a benefit to the watershed by managing existing impervious areas. This may be achieved through SCM retrofitting or installation of new SCMs. The Stormwater Management Plan for all off-site management shall provide Volume and Rate Control at least equal to what is required for control of the Project Site. The Stormwater Management Plan for all off-site management shall comply with all requirements of this Ordinance.
- C. Review of any Off-site management will be simultaneous to the review of the Project Site and no additional fees will be collected for a separate review.

**Section 3.6: Existing Stormwater Management**

- A. The Developer or Applicant may request the use and demonstrate the adequacy of existing stormwater management controls. The use of existing stormwater management facilities shall be permitted when rate and volume control consistent with this ordinance is provided for the total of all Regulated Impervious Area and all existing impervious areas within the Project Site.

**SECTION 4. STORMWATER MANAGEMENT PLAN REQUIREMENTS**

**Section 4.1 General**

The Stormwater Management Plan shall be prepared, except for exempted activities, for all land development activities. The Drainage Plan shall be prepared under the supervision of, and certified by, a Professional Engineer, Surveyor, or Landscape Architect registered in the State of Pennsylvania.

**Section 4.2 Plan Requirements**

The following items shall be included in the SWM Site Plan:

- A. Appropriate sections from the Municipal Subdivision and Land Development Ordinance, and

other applicable local ordinances, shall be followed in preparing the SWM Site Plans. In instances where the Municipality lacks Subdivision and Land Development regulations, the content of SWM Site Plans shall follow the County's Subdivision and Land Development Ordinance.

- B. The Municipality shall not approve any SWM Site Plan that is deficient in meeting the requirements of this Ordinance. At its sole discretion and in accordance with this Article, when a SWM Site Plan is found to be deficient, the Municipality may either disapprove the submission and require a resubmission, or in the case of minor deficiencies the Municipality may accept submission of modifications.
- C. Provisions for permanent access or maintenance easements for all physical SWM SCMs, such as ponds and infiltration structures, as necessary to implement the operation and maintenance plan discussed in item E.9 below.
- D. The following signature block for the Municipality:

“(Municipal Official or designee), on this date (date of signature), has reviewed and hereby certifies that the SWM Site Plan meets all design standards and criteria of the Municipal Ordinance No. (Number assigned to the Ordinance).”

- E. The SWM Site Plan shall provide the following information:
  - 1. The overall stormwater management concept for the project.
  - 2. A determination of Site Conditions in accordance with the SWM Manual. 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.
  - 3. Stormwater runoff design computations, and documentation as specified in this Ordinance, or as otherwise necessary to demonstrate that the maximum practicable measures have been taken to meet the requirements of this Ordinance, including the recommendations and general requirements in Section 301.
  - 4. Expected project time schedule.
  - 5. A soil erosion and sediment control plan, where applicable, as prepared for and submitted to the approval authority.
  - 6. 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 stormwater conveyance system that may be affected by the project.
  - 7. Plan and profile drawings of all SWM SCMs including drainage structures, pipes, open channels, and swales.
  - 8. SWM Site Plan shall show the locations of existing and proposed on-lot wastewater facilities and water supply wells.
  - 9. The SWM Site Plan shall include an operation and maintenance (O&M) plan for all existing and proposed physical stormwater management facilities. This plan shall address long-term ownership and responsibilities for operation and maintenance as well as schedules and costs for O&M activities.

### **Section 4.3 Plan Submission**

**SMP submissions (initial and supplemental)** shall be submitted as follows:

1. One (1) paper and one (1) digital copy to the Municipality.
2. One (1) digital copy to the Municipal Engineer.

### **Section 4.4: Submission & Review**

- A. The SMP shall be reviewed by the Municipality for consistency with the provisions of this Ordinance.
- B. The Municipality shall respond to the Applicant in writing within 30 calendar days from the date the Municipality receives the submission. The response will notify the Applicant of waiver, approval, or identify inconsistencies. The Municipality may include review or recommendations letters prepared by the Municipal Engineer.

## **SECTION 5. INSPECTIONS AND CONSTRUCTION COMPLETION**

**Section 5.1:** The Applicant shall notify the Municipality one (1) week prior to the commencement of any activity covered by this Ordinance so that appropriate inspections to ensure compliance with this Ordinance can be made.

**Section 5.2:** The Applicant shall notify the Municipality of completion of construction of stormwater management facilities within thirty (30) calendar days of completion. The notice of completion shall include submittal of one (1) digital file of as-built documentation of constructed stormwater management facilities. As-built documentation shall include any modifications or deviations from the approved SMP. The Applicant may be required to record as-built information if substantial changes were made during construction.

## **SECTION 6. FEES**

**Section 6.1:** Fees imposed under this Ordinance shall be established by this Ordinance and modified by Resolution of the Municipality from time-to-time hereafter.

**Section 6.2:** Municipality shall not issue approval of the Stormwater Management Plan until all applicable fees have been paid to the Municipality by the Developer or Applicant.

## **SECTION 7. FINANCIAL GUARANTEES**

**Section 7.1:** Financial Guarantees shall only be required for Project Sites involving more than one (1) acre of Regulated Impervious Area.

**Section 7.2:** In order to ensure that any required stormwater management controls are properly installed the applicant shall provide a financial guarantee equaling 110% of the full estimated cost of construction of all SCMs. The Applicant shall be required to provide a cost estimate of the stormwater improvements at the time of application. The financial guarantee will be in the form acceptable to the Municipality. The financial guarantee will be released after completion of the final construction inspection and receipt of the As-built documentation.

**Section 7.3:** The Applicant or Developer shall deposit with the Municipality a corporate bond, other financial security, lending institution letter of credit, escrow account in a lending institution, or other financial guarantee type in form and substance acceptable to the Municipality.

**SECTION 8. ENFORCEMENT AND PENALTIES**

**Section 8.1:** This section includes penalties for violations of this Ordinance.

- A. Duly authorized representatives of the Municipality have the right to enter private property at reasonable times to investigate any condition associated with this Ordinance.
- B. No SCM shall be altered or modified inconsistent with the approved plan without written approval from the Municipality.
- C. A copy of the as-built plan shall be recorded at the Somerset County Recorder of Deeds Office.
- D. Anyone violating the provisions of this Ordinance shall be guilty of a summary offense, and upon conviction shall be subject to a fine of not more than \$300.00 for each violation, recoverable with costs, or imprisonment of not more than 30 days, or both. Each day that the violation continues shall be a separate offense. In addition, the Municipality may institute injunctive, mandamus or any other appropriate action or proceeding at law or in equity for the enforcement of this Ordinance. Any court of competent jurisdiction shall have the right to issue restraining order, temporary or permanent injunctions, mandamuses or other appropriate forms of remedy or relief. In addition, the Municipality may seek recovery of a civil penalty for violations of this Ordinance of \$300.00 for each violation. Each day that the violation continues shall be a basis for an additional civil penalty.


(SEE NEXT PAGE FOR EFFECTIVE DATE)


**SECTION 9. EFFECTIVE DATE**


This Ordinance shall be effective immediately upon adoption and shall continue until amended or repealed by the Board of Supervisors of the Township of Somerset.

**ORDAINED AND ENACTED** into law by the Board of Supervisors of the Township of Somerset in lawful session assembled this 9th day of April, 2026.

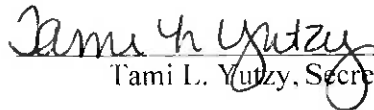
TOWNSHIP OF SOMERSET,  
SOMERSET COUNTY, PENNSYLVANIA

By:   
Bryan D. Barron

By:   
Shane Tipton

By:   
Travis P. Meyers

*Attest:*

  
Tami L. Yutzy, Secretary

(Seal)

## **APPENDICES**

**APPENDIX - A  
STORMWATER MANAGEMENT PLAN  
APPLICATION**

# SOMERSET TOWNSHIP

P.O. Box 754, 2209 North Center Avenue, Somerset, PA 15501

Office: (814) 445-4675

www.somersettownshippa.com

## STORMWATER MANAGEMENT PLAN APPLICATION

<b>PROPERTY OWNER INFORMATION</b>			
Name(s):			
Address:			
Telephone:			
Email:			
<b>APPLICANT/DEVELOPER INFORMATION (IF DIFFERENT FROM PROPERTY OWNER)</b>			
Name(s):			
Address:			
Telephone:			
Email:			
<b>PLAN PREPARER INFORMATION</b>			
Company/Name(s):			
Address:			
Telephone:			
Email:			
<b>LAND DEVELOPMENT &amp; PROPERTY INFORMATION</b>			
	<b>PROJECT SITE MANAGEMENT</b>	<b>OFF-SITE MANAGEMENT</b>	
Site/Project Name(s):			
Tax Map ID:			
911 Address:			
Zoning:			
Proposed Use:			
Total Parcel(s) Acreage:			
Disturbed Acreage/ Project Site Acreage:			
Fee Amount:			
<b>MUNICIPAL &amp; COUNTY APPROVALS (INDICATE OTHER REQUIRED APPROVALS)</b>			
Building Permit:		Major Subdivision:	
Planning Approval:		Minor Subdivision:	
Zoning Variance:		None:	

# SOMERSET TOWNSHIP

P.O. Box 754, 2209 North Center Avenue, Somerset, PA 15501

Office: (814) 445-4675

www.somersettownshippa.com

## Owner/Applicant Certification:

Upon signing this application, the owner does hereby grant permission to the TOWNSHIP OF SOMERSET, its staff, and/or agent(s) to enter upon the above-mentioned parcels for the purposes of site-inspection(s) until such time as the application is formally withdrawn; or if development activities are implemented, so long as developed facilities exist.

Signature of Owner(s) \_\_\_\_\_ Date \_\_\_\_\_

Signature of Owner(s) \_\_\_\_\_ Date \_\_\_\_\_

(If different from Owner)

Signature of Applicant(s) \_\_\_\_\_ Date \_\_\_\_\_

Signature of Applicant(s) \_\_\_\_\_ Date \_\_\_\_\_

## Registered Professional Certification:

I hereby certify that the Stormwater Management Plan was prepared by myself, or under my direct supervision and further certify that the Drainage Plan meets all design standards and criteria of the Ordinance.

\_\_\_\_\_

Signature

\_\_\_\_\_

Printed name and title

\_\_\_\_\_

Date



# SOMERSET TOWNSHIP

P.O. Box 754, 2209 North Center Avenue, Somerset, PA 15501

Office: (814) 445-4675

www.somersettownshippa.com

## APPLICATION CHECKLIST

---

YES	NO	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Plan Drawings (Existing and Proposed Conditions)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Profiles, Sections, and Details for all SWM BMPS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lot Lines
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stormwater Runoff Discharge/Connection Points Identified
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Municipal Approval Signature Block
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stormwater Runoff Computations
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stormwater Runoff Computation Summary Table
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMP Operation and Maintenance Plan
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Two (2) Copies of Stormwater Management Plan Package
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	One (1) electronic copy of Stormwater Management Plan
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Package Fees – Made Payable to “Township of Somerset”
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Financial Guarantee
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operation & Maintenance Agreement

**APPENDIX - B**  
**OPERATION AND MAINTENANCE**  
**PLAN**

**APPENDIX B - STORMWATER MANAGEMENT PLAN**  
**OPERATION AND MAINTENANCE AGREEMENT**

**THIS AGREEMENT**, made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between \_\_\_\_\_, (“Landowner”), and Somerset Township, Somerset County, Pennsylvania, (hereinafter “Township”);

**WHEREAS**, Landowner is the owner of certain real property as recorded by Deed in the land record of Somerset County, Pennsylvania, in Record Book Volume \_\_\_\_\_ at Page \_\_\_\_\_, (hereinafter “Property”) located in the Township of Somerset; and,

**WHEREAS**, Landowner is proceeding to build and develop the Property; and,

**WHEREAS**, the Drainage Plan approved by the Township (“Plan”) for the Property which is attached hereto as Appendix A and made a part hereof, as approved by the Township, provides for management of stormwater within the confines of the Property through the use of Stormwater Control Measures (SCM’s); and,

**WHEREAS**, Township and Landowner agree that the health, safety, and welfare of the residents of the Township and the protection and maintenance of water quality require that on-site stormwater SCMs be constructed and maintained on the Property; and,

**WHEREAS**, for purposes of this agreement, the following definition shall apply: SCM – “Stormwater Control Measures.”) Activities, facilities, designs, measures or procedures used to manage stormwater impacts from land development, to protect and maintain water quality and groundwater recharge and to otherwise meet the purposes of the Somerset Township Stormwater Management Ordinance (“Ordinance”), including but not limited to infiltration trenches, seepage pits, filter strips, bioretention, wet ponds, permeable paving, rain gardens, grassed swales, forested buffers, sand filters, and detention basins,

**WHEREAS**, Township requires, through implementation of the Plan, that the SCM’s as required by the Plan and the Ordinance be constructed and adequately operated and maintained by Landowner.

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

1. The SCMs shall be constructed by Landowner in accordance with the plans and specifications identified in the Plan.
2. Landowner shall operate and maintain the SCM(s) as shown in the Plan in good working order acceptable to the Township and in accordance with the specific maintenance requirements noted in the Plan.

3. Landowner hereby grants permission to the Township, its authorized agents and employees, to enter upon the property, at reasonable times and upon presentation of proper identification, to inspect the SCM(s) whenever the Township deems necessary. Whenever possible, Township shall notify Landowner prior to entering the Property.
4. In the event Landowner fails to operate and maintain the SCM(s) as shown in the Plan in good working order acceptable to the Township, Township or its representative may enter upon the Property and take whatever action is deemed necessary to maintain said SCM(s). This provision shall not be construed to allow Township to erect any permanent structure on the Property. 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.
5. In the event the Township, pursuant to the Agreement, performs work of any nature, or expends any funds in performance of said work for labor, use of equipment, supplies, materials, and the like, Landowner shall reimburse the Township for all expenses (direct and indirect) incurred within 10 days of receipt of invoice from the Township. All work performed by Township and expenses incurred by Township in direct or indirect consequence of Landowner's failure to abide by this Agreement, including reasonable counsel fees and expenses, may be collectable by the Township by any lawful measure, including, but not limited to, the entry of municipal liens under the laws of the Commonwealth of Pennsylvania.
6. The intent and purpose of this Agreement is to ensure the proper maintenance of the onsite SCM(s) by Landowner; provided however, that this Agreement shall not be deemed to create or effect any additional liability of any party for damage alleged to result from or be caused by stormwater runoff.
7. Landowner, his executors, administrators, assigns, and other successors in interests, shall release the Township and its agents, employees and designated representatives, of and from all claims, damages, accidents, casualties, occurrences or claims of any other kind or type which might arise or be asserted by reason of the construction, presence, existence, or maintenance of the SCM(s) by Landowner or Township. In the event that any claim is asserted against the Township, its agents, employees and/or designated representatives, Township shall promptly notify Landowner and Landowner shall defend, at Landowner's sole expense, any suit based on such claim(s) together with any judgment entered against the Township and/or its agents, employees and designated representatives.
8. Township shall inspect the SCM(s) at a minimum of once every three (3) years to ensure their continued functioning.
9. This Agreement shall be binding on the parties and their respective heirs, executors, successors or assigns.
10. This Agreement shall be recorded at the Office of the Recorder of Deeds of Somerset County, Pennsylvania, and shall constitute a covenant running with the Property and/or equitable servitude, and shall be binding in perpetuity unless released by the Township.

IN WITNESS WHEREOF the parties hereto have executed this instrument as of the date first above stated, and each party hereby represents to the other that the person(s) executing this instrument have full authority to do so.

Witness/Attest:

LANDOWNER:

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

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

Witness/Attest:

TOWNSHIP:

\_\_\_\_\_

By \_\_\_\_\_

Authorized Official

**COMMONWEALTH OF PENNSYLVANIA** )

ss:

**COUNTY OF SOMERSET** )

On this, the \_\_\_ day of \_\_\_\_\_, 20\_\_\_, before me, the undersigned officer, personally appeared \_\_\_\_\_, known to me (or satisfactorily proven) to be the person(s) whose names are subscribed to be within instrument as Landowner(s) or authorized representatives thereof, and acknowledged that he/she/they executed the same for the purposed therein contained.

**IN WITNESS WHEREOF**, I hereunto set my hand and official seal.

\_\_\_\_\_ (SEAL)

**APPENDIX - C  
RESOLUTION AND FEE  
SCHEDULE**

# SOMERSET TOWNSHIP

P.O. Box 754, 2209 North Center Avenue, Somerset, PA 15501

Office: (814) 445-4675

www.somersettownshippa.com

## RESOLUTION NO. 2026-0409

**NOW, THEREFORE, BE IT RESOLVED** by SOMERSET TOWNSHIP,  
SOMERSET COUNTY, PENNSYLVANIA as follows:

**SECTION 1.** Primary responsibility for administration and enforcement of the Township's Stormwater Management Ordinance shall rest with the Township, or the Township's designee.

**SECTION 2.** The attached schedule of fees shall be the standard fees and charges collected in connection with processing Applications under the Township's Stormwater Management Ordinance. In the event that special circumstances involved in any particular case justify, in the Township's sole judgment, that fees and charges in addition to those specified are required by reason of special circumstances, then such additional fees and charges shall also be assessed and collected.

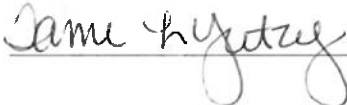
**SECTION 3.** The attached form shall be the official form for the Stormwater Management Facilities Operation and Maintenance Agreement required by Township's Stormwater Management Ordinance.


**SECTION 4.** The Township's designee shall have the authority to execute such Stormwater Management Facilities Operation and Maintenance Agreements on behalf of the Township.

**SECTION 5.** This Resolution shall become effective immediately.

**ADOPTED** this 9th day of April, 2026 by Somerset Township.

ATTEST:

  
\_\_\_\_\_  
Township Secretary

SOMERSET TOWNSHIP  
By   
\_\_\_\_\_  
Chairman

# SOMERSET TOWNSHIP

P.O. Box 754, 2209 North Center Avenue, Somerset, PA 15501

Office: (814) 445-4675

www.somersettownshippa.com

## STORMWATER MANAGEMENT PLAN

### FEE SCHEDULE

(Adopted 04/09, 2026)

Application and Initial Review Fee ..... \$500.00

Supplement Review Fees ..... ALL INCURRED COSTS

All costs, expenses, and charges incurred by the Somerset Township in connection with the review of the Stormwater Management Plan resulting from additional reviews occurring after the initial review. These may include, but are not limited to, engineering review, legal review, and Township administration. The Township will provide an estimate of review fees prior to submission of the application if requested.

Construction Inspection Fee .....\$150

### SMALL PROJECT

#### FEE SCHEDULE

Small Project Fee ..... \$250.00

(Includes application, review, and inspection fees)

**APPENDIX - D**  
**SMALL PROJECT APPLICATION**

# SOMERSET TOWNSHIP

P.O. Box 754, 2209 North Center Avenue, Somerset, PA 15501

Office: (814) 445-4675

www.somersettownshippa.com

## APPENDIX D.0: SMALL PROJECT APPLICATION

PROPERTY OWNER INFORMATION		
Name(s):		
Address:		
Telephone:		
Email:		
APPLICANT/CONTRACTOR/DEVELOPER INFORMATION (IF DIFFERENT FROM PROPERTY OWNER)		
Name(s):		
Address:		
Telephone:		
Email:		
LAND DEVELOPMENT & PROPERTY INFORMATION		
	PROJECT SITE MANAGEMENT	OFF-SITE MANAGEMENT
Site/Project Name(s):		
Tax Map ID:		
911 Address:		
Zoning:		
Proposed Use:		
Total Parcel(s) Acreage:		
Disturbed Acreage/Project Site Acreage:		
Fee Amount:	<b>\$ 250.00</b>	
MUNICIPAL & COUNTY APPROVALS (INDICATE OTHER REQUIRED APPROVALS)		
Building Permit:		Major Subdivision:
Planning Approval:		Minor Subdivision:
Zoning Variance:		None:

**Municipal Approval**

**Print Name**

**Signature**

**Date**

# SOMERSET TOWNSHIP

P.O. Box 754, 2209 North Center Avenue, Somerset, PA 15501

Office: (814) 445-4675

www.somersettownshippa.com

SMALL PROJECT SCM DESIGN INFORMATION				
Regulated Impervious Area Determination				
	LAND COVER TYPE			Area (sq. ft.):
(1)	ADDITIONAL or NEW Impervious Area (sq. ft.):			
(2)	RE-DEVELOPED Impervious Area (sq. ft.):		Multiply By: <b>0.2</b>	
(3)	Regulated Impervious Area (sq.ft.): Row (1) + Row (2) = Row (3)			
SCM Volume Determination				
		<b>ROW (3)</b>	<b>Multiply By:</b>	<b>Total:</b>
(4)	Total Volume Captured:		<b>0.0833</b>	
<i>(SCM Storage Volume should be equal to or greater than Row (4))</i>				
	Address:			
		<b>ROW (4)</b>	<b>Multiply By:</b>	<b>Total:</b>
(5)	Total Volume Infiltrated or Retained:		<b>0.5</b>	
<i>(Set all outlets at or above elevation of Row 5 Volume to meet infiltration/retained requirement)</i>				
SCM Selection and Sizing (Refer to Guidelines for Sizing Charts)				
	SCM Type	Volume Captured	Volume Infiltrated/Retained	
(A)	Dry well			
(B)	Infiltration Trench			
(C)	Rain Garden			
(D)	Grading Feature			
(E)	Other			
<b>SCM STORAGE VOLUME TOTAL (A – E)</b>				
	<b>ROW (4)</b>			
	<b>ROW (5)</b>			
	<b>Net Difference</b>			
<i>(Subtract Row 4 &amp; 5 from SCM Storage Volumes to obtain net difference. SCM design meets ordinance if net difference is 0 or greater)</i>				

# SOMERSET TOWNSHIP

P.O. Box 754, 2209 North Center Avenue, Somerset, PA 15501

Office: (814) 445-4675

www.somersettownshippa.com

## Owner/Applicant Certification:

Upon signing this application, the property owner does hereby grant permission to SOMERSET TOWNSHIP, its staff, and/or agent(s) to enter upon the above-mentioned parcels for the purposes of site-inspection(s) until such time as the application is formally withdrawn; or if development activities are implemented, so long as developed facilities exist. The property owner also agrees that all installed stormwater management SCMs shall be operated and maintained in perpetuity and shall run with the land. An Operation and Maintenance Agreement shall be executed by the property owner and Township which shall be recorded at the Somerset County Recorder of Deeds Office.

Signature of Property Owner(s) \_\_\_\_\_ Date \_\_\_\_\_

Signature of Property Owner(s) \_\_\_\_\_ Date \_\_\_\_\_

(If different from Owner)

Signature of Applicant(s) \_\_\_\_\_ Date \_\_\_\_\_

Signature of Applicant(s) \_\_\_\_\_ Date \_\_\_\_\_

## SMALL PROJECT APPLICATION CHECKLIST

---

YES	NO	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Exhibit D.1 – Sketch Plan
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Exhibit D.2 – SCM Sizing Guideline
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Small Project Fee - \$250.00 (Made payable to "Somerset Township")



# SMALL PROJECT APPLICATION

## SCM Sizing Guidelines

### Appendix D.2

**Guideline Review:** The following information is provided to assist the Property Owner/Applicant/Developer in selecting and sizing a Stormwater Control Measure (SCM) consistent with the Ordinance. The Owner/Applicant/Developer may use multiple SCMs to meet required Capture and Infiltration/Retention Volume control. The Owner/Applicant/Developer may use alternative SCMs not listed here if desired but should follow PA DEP Guidelines when selecting alternative SCMs. Innovative practices should be reviewed with the Township prior to submitting the Small Project Application.

Use additional sheets as necessary to calculate additional quantities of the same SCM.

Dry Well (SCM A)					
Depth	Width	Length	Total	Multiply Total by 0.4 for Volume Captured	Volume Captured
				Total (D x W x L) x 0.40 =	
				Total (D x A) x 0.40 =	
Area (S.F.)					
Refer to PA Stormwater Best Management Practices Manual, SCM 6.4.6					

Infiltration Trench (SCM B)							
Pipe							
Dia. (in)	Length	Multiply by Conv. Factor	Pipe Volume (4)				
6"		0.196 (cf/ft)					
8"		0.349 (cf/ft)					
12"		0.785 (cf/ft)					
TOTAL PIPE VOLUME (1)							
Stone Bedding							
Depth	Width	Length	Total Stone Bed (2)	Total Pipe Volume (1)	Deduct Pipe Volume (2) - (1) = (3)	Multiply Total by 0.4 for Volume	Stone Bed Volume (5)
						(3) x 0.40 =	
Infiltration Trench Volume							
Pipe Volume (4)			Stone Bed Volume (5)		(4) + (5) = Total		
Refer to PA Stormwater Best Management Practices Manual, SCM 6.4.4							

# SMALL PROJECT APPLICATION

## SCM Sizing Guidelines

### Appendix D.2

<b>Rain Garden (SCM C)</b>		
<b>Pond Bottom Surface Area (sq. ft.) (1)</b>	<b>Depth to lowest Outlet (ft) (2)</b>	<b>Volume (3) = (1) x (2)</b>
<b>Pond Bottom Surface Area (sq. ft.) (4)</b>	<b>Soil Depth (ft) (5)</b>	<b>Volume (6) = (4) x (5) x 0.4</b>
<b>Total Volume (3) + (6)</b>		
Refer to PA Stormwater Best Management Practices Manual, SCM 6.4.4		

<b>Grading Feature (SCM D)</b>		
<b>Surface Area (sq. ft.) (1)</b>	<b>Depth to lowest Outlet (ft) (2)</b>	<b>Volume (3) = (1) x (2)</b>

<b>Other (SCM E)</b>
Owner/Developer shall provide sufficient detail to describe proposed SCM and volume requirement when utilizing other SCMs not listed in Exhibit D.

Construction drawings, details, and written description are available upon request or by searching PA DEP Guidelines for Stormwater Control Measures.

**APPENDIX - E**  
**STORMWATER MANAGEMENT**  
**REQUIREMENTS DETERMINATION**

# SOMERSET TOWNSHIP

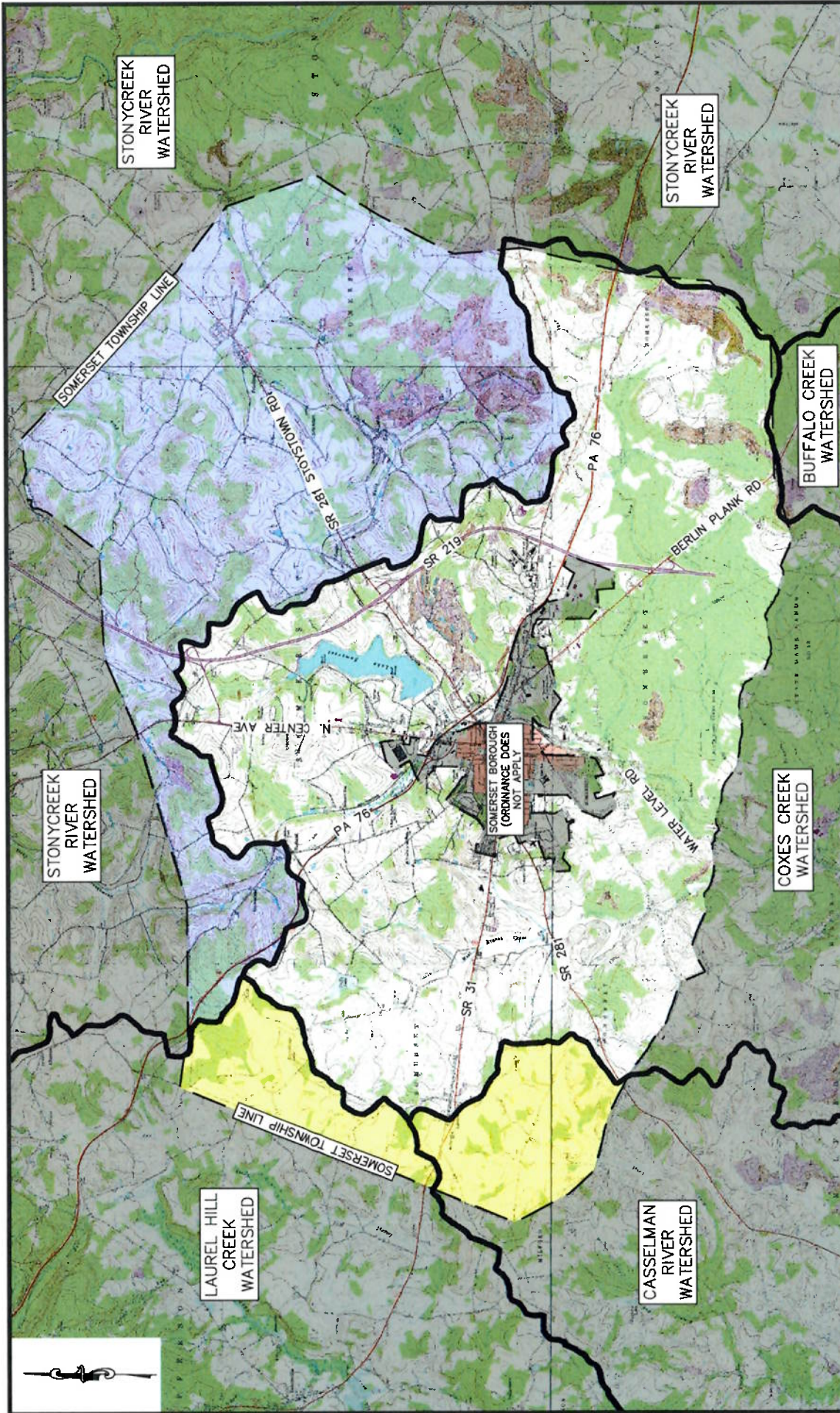
P.O. Box 754, 2209 North Center Avenue, Somerset, PA 15501  
 Office: (814) 445-4675  
 www.somersettownshippa.com

## STORMWATER MANAGEMENT REQUIREMENTS DETERMINATION

APPLICANT/DEVELOPER INFORMATION		
Name(s):		
Address:		
Telephone:		
Email:		
ACTIVITY		
	Earth Disturbance or Excavation	No Earth Disturbance or Excavation
Land Development:		
Subdivision:		Management Not Required
Other:		
IMPERVIOUS AREA		
	Square Feet	Percent as Regulated Impervious Area
Additional or New Impervious Area:		100%
Re-Developed Impervious Area:		20%
<b>Regulated Impervious Area:</b>		
STORMWATER MANAGEMENT REQUIREMENTS		
Regulated Impervious Area		
0 sq. ft. to 500 sq. ft.	Management Not Required	
501 sq. ft. to 10,000 sq. ft.	Small Project	
10,001 sq. ft. to 43,560 sq. ft.	Rate & Volume (Section 4.4.A, Class 1)	
Greater than 43,560 sq. ft.	Rate & Volume (Section 4.4.A, Class 2)	
EXISTING STORMWATER MANAGEMENT FACILITIES		
	Ordinance Compliant*	Additional Management Required
Existing Rate Control		Submit Stormwater Management Plan consistent with the above classification.
Existing Volume Control		

\*Provide documentation to support existing Rate and Volume Control measures are compliant with current ordinance regulations.

**EXHIBIT - 1**  
**PEAK RATE WATERSHED MAP**  
**(USGS TOPO)**



**LEGEND**

- - - TOWNSHIP BOUNDARY
- WATERSHED BOUNDARY

**COUNTY PEAK RATE:**

- = YELLOW
- \*REFER TO SOMERSET COUNTY PLANNING COMMISSION SALDO FOR:
- CASSELMAN RIVER
- LAUREL HILL CREEK

**EXPANDED PEAK RATE:**

- = BLUE
- STONYCREEK RIVER
- PRE VS POST:
- 2YR VS 1YR
- 5YR VS 5YR
- 10YR VS 10YR
- 25YR VS 25YR
- 50YR VS 50YR
- 100YR VS 100YR

**STANDARD PEAK RATE:**

- = NO FILL
- COXES CREEK
- PRE VS POST:
- 2YR VS 2YR
- 10YR VS 10YR
- 25YR VS 25YR

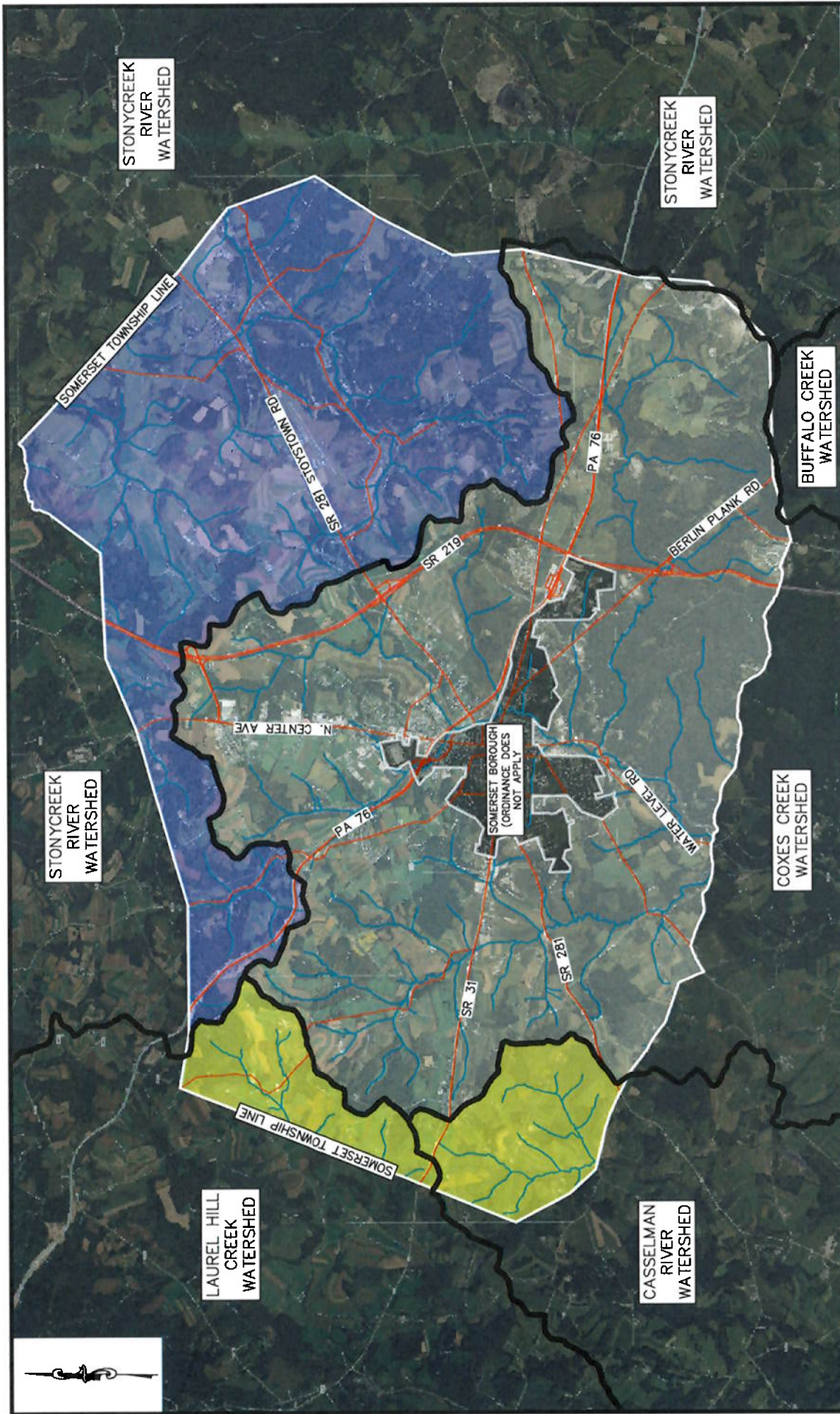
REFER TO PADEP EMAP APPLICATION FOR EXACT WATERSHED BOUNDARIES  
(<https://gis.dep.pa.gov/emappa/>)

**SOMERSET TOWNSHIP  
STORMWATER MANAGEMENT ORDINANCE**

EXHIBIT 1 – PEAK RATE WATERSHED MAP  
(WITH USGS TOPO)

GRAPHIC SCALE  
1.5 0.75 0(mile) 0.75 1.5

**EXHIBIT - 2**  
**PEAK RATE WATERSHED MAP**  
**(AERIAL)**



**LEGEND**

- TOWNSHIP BOUNDARY
- WATERSHED BOUNDARY
- COUNTY PEAK RATE:
  - = YELLOW
  - \*REFER TO SOMERSET COUNTY PLANNING COMMISSION SALDO FOR:
    - CASSEلمان RIVER
    - LAUREL HILL CREEK

**EXPANDED PEAK RATE:**

- = BLUE
- STONYCREEK RIVER
  - PRE VS. POST:
    - 2YR VS 1YR
    - 5YR VS 5YR
    - 10YR VS 10YR
    - 25YR VS 25YR
    - 50YR VS 50YR
    - 100YR VS 100YR

**STANDARD PEAK RATE:**

- = NO FILL
- COXES CREEK
  - PRE VS. POST:
    - 2YR VS 2YR
    - 10YR VS 10YR
    - 25YR VS 25YR

**GRAPHIC SCALE**

1.5 0.75 0(mile) 0.75 1.5

**SOMERSET TOWNSHIP STORMWATER MANAGEMENT ORDINANCE**

**EXHIBIT 2 -- PEAK RATE WATERSHED MAP (WITH AERIAL)**

**REFER TO PADEP EMAP APPLICATION FOR EXACT WATERSHED BOUNDARIES**  
 (https://gis.dep.pa.gov/emappa/)