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At the Center of Montgomery County

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**WORCESTER TOWNSHIP BOARD OF SUPERVISORS  
BUSINESS MEETING MINUTES  
May 20, 2026**

The Worcester Township Board of Supervisors held its Business Meeting at the Worcester Township Community Hall. Chair Lou Betz called the meeting to order and led those present in the Pledge of Allegiance.

Township Manager Dan DeMeno announced that the meeting was being video recorded for future broadcast. Chair Betz stated that the Board met in Executive Session on April 20, 2026 regarding personnel matters.

Present were:

- Lou Betz, Chair
- Rick DeLello, Vice Chair
- Christine Steere, Supervisor
- Dan DeMeno, Township Manager
- Christian Jones, Assistant Township Manager
- Wendy McKenna, Township Solicitor
- John Evarts, Township Engineer

Also present were Township staff, consultants, and members of the public.

**INFORMATION ITEMS**

Township Manager Dan DeMeno provided an update regarding the Township Solicitor Request for Proposals (RFP) process. Mr. DeMeno stated that the Township completed the solicitor RFP process and that no change in solicitor services would occur at this time.

Supervisor Christine Steere questioned the process by which the decision was reached. Supervisor Steere stated that during the April 28, 2026 Executive Session no final decision had been made and that the Board intended to reconvene by May 8, 2026 to make a final determination. Supervisor Steere stated that on May 5, 2026 she received a call from the Township Manager advising that the RFP process had been closed and that notices had been sent to applicants informing them that the Township would not proceed further with the process.



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610-584-8901

Chair Betz stated that he advised the Township Manager that he needed additional time and had not yet made a decision regarding the matter.

Mr. DeMeno explained that he had discussions with individual Supervisors and believed he had received consensus from a majority of the Board to move forward without making a change in solicitor services. Mr. DeMeno stated that once he believed consensus existed, he moved forward administratively with notifying the applicants.

Supervisor Steere questioned whether there had been explicit direction to close the process and notify applicants. Mr. DeMeno stated that sending the notices was his own administrative decision.

No further discussion occurred.

## **PUBLIC COMMENT**

### **Jane Voss – 1616 Whitehall Enforcement Litigation**

Jane Voss, resident of Stony Creek Farms, addressed the Board regarding the ongoing zoning enforcement matter involving 1616 Whitehall Road. Ms. Voss expressed frustration regarding continued activity at the property, including increased noise and additional storage containers observed by neighboring residents. She stated that neighbors remained concerned that the property owner continued operations despite ongoing legal proceedings and asked for an update regarding the upcoming hearing.

Solicitor Wendy McKenna explained that oral argument was scheduled before the Court of Common Pleas regarding an appeal of the Zoning Hearing Board's prior decision upholding the Zoning Officer's determination. Ms. McKenna stated that the matter remained active litigation before the Court.

Ms. Voss expressed concern that the litigation process appeared designed to prolong enforcement and stated that residents believed allowing the matter to continue indefinitely would be unacceptable.

Supervisor Rick DeLello clarified that there were effectively two separate court matters associated with the property and explained that the Township intentionally kept the original enforcement matter open while the zoning appeal proceeded. Supervisor DeLello stated that the Township intended to continue pursuing enforcement remedies as appropriate and emphasized that the Township remained committed to opposing activities it believed were inconsistent with the zoning ordinance.

Solicitor McKenna stated that the original matter remained continued pending the outcome of the zoning appeal proceedings.

Supervisor Steere acknowledged the frustration expressed by the neighbors and commented that litigation often proceeds slowly despite the concerns of affected residents.

### **Sean Duffy – Traffic Safety Concerns on Kriebel Mill Road**

Sean Duffy, 1700 Kriebel Mill Road, addressed the Board regarding speeding and traffic safety concerns along Kriebel Mill Road. Mr. Duffy stated that motorists frequently use the roadway as a cut-through route between Stump Hall Road and Skippack Pike and that excessive speeds had become a growing concern as the neighborhood demographic shifted toward younger families with children.

Mr. Duffy stated that residents had observed increased pedestrian and bicycle activity within the neighborhood and requested additional traffic calming measures, including permanent speed limit signage and possible conversion of the existing intersection at Heidner Road and Kriebel Mill Road into a three-way stop intersection.

Township Manager Dan DeMeno confirmed that the roadway was posted at 25 miles per hour by ordinance adopted in 2023 and stated that staff would review potential locations for additional signage in coordination with Public Works personnel.

Supervisor Rick DeLello referenced prior discussions involving school bus operations within the area and suggested communication with the school district regarding bus routing and traffic awareness.

Discussion occurred regarding the Township's portable radar signage equipment and possible acquisition of additional LED-enhanced speed limit signs in future budget cycles.

Mr. Duffy further requested that the Township evaluate installation of additional stop signs at the Kriebel Mill Road and Heebner Road intersection in order to physically slow traffic.

Mr. DeMeno stated that staff would evaluate potential options, including additional signage and other traffic calming concepts, and coordinate with Public Works regarding possible solutions.

Discussion also occurred regarding the use of speed humps or speed bumps. Mr. DeMeno explained that while the Township possesses authority to install such devices, there are concerns regarding effectiveness and potential unintended safety issues associated with vehicles traversing them at excessive speeds.

Mr. DeMeno stated that staff would provide follow-up to the residents within approximately one to two weeks after reviewing the matter internally.

### **Jim Mollick – Open Records, Ethics Forms, and Litigation Concerns**

Jim Mollick addressed the Board regarding an appeal he filed with the Pennsylvania Office of Open Records and questioned whether Board members had reviewed communications produced through the appeal process.

Solicitor Wendy McKenna stated that the matter involved active litigation and declined to discuss the matter publicly.

Mr. Mollick also questioned the status of the Palmer litigation matter and criticized the Township for not pursuing settlement discussions. Solicitor McKenna stated that the matter remained pending before Commonwealth Court and declined additional comment due to the ongoing litigation.

Mr. Mollick additionally raised concerns regarding historical Statements of Financial Interest forms and stated that records produced through a Right-to-Know request appeared incomplete. Township Manager DeMeno stated that the Township conducted a good-faith search for the records but was unable to locate older forms beyond those maintained during his tenure.

Mr. Mollick presented Chair Betz with a copy of an ethics form and alleged deficiencies in the filing. Solicitor McKenna stated that the Board itself does not review or audit the submitted forms and explained that they are filed individually by public officials.

Discussion also occurred regarding abstentions under the Pennsylvania Ethics Act. Solicitor McKenna explained that officials may abstain for reasons other than financial conflicts of interest and that the abstention referenced by Mr. Mollick did not involve a financial conflict as defined by the Ethics Act.

Mr. Mollick encouraged the Board to adopt additional ethics, Sunshine Law, and records retention policies and training measures.

#### **Ed Moore – RFP Process and Sunshine Law Concerns**

Resident Ed Moore addressed the Board regarding the solicitor RFP process and expressed concern that the process appeared inconsistent with other Township RFP procedures that typically culminate in public Board action.

Township Manager DeMeno explained that many RFPs are handled administratively; however, professional service contracts generally involve discussion with the Board. Mr. DeMeno stated that while public Board action is not legally required when no change in service provider occurs, the process was handled based on the Board's direction and consensus discussions.

Supervisor Rick DeLello stated that if a matter is to proceed to formal Board action, two members of the Board generally must support placing the item on a meeting agenda. Supervisor DeLello explained that because no action item advanced to the agenda, no formal vote occurred.

Supervisor Steere reiterated that the Executive Session discussion ended without final consensus and objected to what she characterized as a misrepresentation of the process.

Mr. DeMeno stated that he believed he received individual confirmation from a majority of the Board supporting the decision not to make a change in solicitor services and acted accordingly.

Mr. Moore stated that the overall process should be reviewed and expressed concern regarding Sunshine Law issues and Board communication procedures. He further commented that he believed the solicitor should advise the Board whenever discussions may approach Sunshine Law concerns.

Mr. Moore also referenced a prior abstention vote involving Chair Betz and stated that his understanding was that the abstention occurred after a member of the public advised Chair Betz of a possible appearance of conflict.

No further public comment was offered.

### **CONSENT AGENDA**

Motion was made by Supervisor DeLello, seconded by Chair Betz, to approve the Consent Agenda, including:

- April 15, 2026 Business Meeting Minutes;
- Treasurer's Report;
- Monthly Reports; and
- Monthly Bill Payment in the amount of \$432,804.46.

There was no public comment.

Motion carried 3-0.

### **AUTHORIZATION TO ADVERTISE ADOPTION OF THE 2022 COMPREHENSIVE PLAN**

Township Manager DeMeno explained that staff believed it was appropriate to proceed with adoption of the Township's updated 2022 Comprehensive Plan following resolution of prior litigation delays. Mr. DeMeno stated that the draft Comprehensive Plan had been circulated to Montgomery County Planning Commission, the School District, and neighboring municipalities for review in accordance with statutory requirements.

Mr. DeMeno advised that Whitpain Township and Montgomery County Planning Commission both responded favorably to the proposed adoption. He further stated that Montgomery County recommended inclusion of language clarifying that the document was prepared in 2022 but formally adopted in 2026.

Supervisor Steere confirmed that the recommended notation had been added to the draft document.

Supervisor Rick DeLello provided extensive comments regarding the history and development of the Comprehensive Plan process, noting that the document was developed over approximately two years with participation from Township staff, the Planning Commission, residents, and various stakeholders

during and following the COVID-19 pandemic period. Supervisor DeLello acknowledged that some residents continued to express concerns regarding language contained within portions of the document but stated that he believed the document represented strong overall work product and an appropriate policy foundation for future Township planning efforts.

Supervisor DeLello further stated that the Township should continue progressing toward future planning initiatives, including SALDO and zoning updates, rather than indefinitely delaying adoption of the current plan.

Chair Betz noted that planning for the next Comprehensive Plan update cycle would likely begin again in future years. Township Manager DeMeno stated that preparation for a future 2032 Comprehensive Plan update would likely begin around 2029.

Supervisor Steere stated that the current adopted Comprehensive Plan dated to 2008 and emphasized that the 2022 update process included extensive public outreach and stakeholder involvement. She expressed support for moving forward with adoption in order to avoid further delay in other planning initiatives.

Motion was made by Supervisor DeLello, seconded by Supervisor Steere, to authorize advertisement of the adoption of the 2022 Comprehensive Plan.

During public comment, Burt Hynes addressed the Board regarding the proposed adoption of the 2022 Comprehensive Plan. Mr. Hynes thanked the Board, particularly Supervisor DeLello, for revisiting prior comments and concerns that had been raised regarding portions of the Comprehensive Plan document. Mr. Hynes acknowledged the extensive amount of time and effort invested in preparation of the document and recognized the difficulty associated with balancing differing viewpoints during a long-term planning process.

Mr. Hynes stated that his intent in previously raising concerns was to encourage the Board to revisit and carefully review portions of the document before adoption. He further acknowledged the Township's need to move forward with adoption of the Comprehensive Plan and recognized the importance of maintaining an updated planning document for future Township initiatives.

Mr. Hynes also questioned whether the document should formally be considered the "2022 Comprehensive Plan" or the "2026 Comprehensive Plan" given the delayed adoption timeline. Following discussion regarding future update cycles and anticipated work toward a future 2032 Comprehensive Plan, Mr. Hynes stated that his question had effectively been answered and thanked the Board for their consideration of the issue.

Bill McGrane also addressed the Board regarding the proposed adoption of the 2022 Comprehensive Plan. Mr. McGrane stated that while the Pennsylvania Municipalities Planning Code recommends review

of comprehensive plans every ten years, the ten-year interval is a recommendation rather than a mandatory requirement. He further commented that significant changes within a municipality may justify earlier review and discussion of planning documents.

Mr. McGrane expressed concern regarding the age of the Township's Open Space Plan and the delay associated with updating the Comprehensive Plan. Mr. McGrane stated that, in his opinion, the Planning Commission had become "a black hole" with regard to long-term planning initiatives and suggested that additional focus, direction, and accountability were needed to ensure meaningful progress on Township planning efforts.

Mr. McGrane further commented that significant development proposals and community changes may warrant earlier evaluation and discussion of planning policies and land use objectives.

Motion carried 3-0.

#### **RESOLUTION 2026-10 – AUTHORIZATION TO PARTICIPATE IN ELECTRICITY REVERSE AUCTION AND EXECUTE SUPPLY CONTRACT**

Township Manager DeMeno presented Resolution 2026-10 authorizing the Township to participate in an electricity reverse auction procurement process for electric supply services. Mr. DeMeno explained that the Township historically utilized consultants to solicit fixed electric supply quotes and that the proposed reverse auction process would instead allow electric suppliers to compete against one another in real time in an effort to reduce pricing.

Mr. DeMeno stated that the process had been used successfully by other Montgomery County municipalities and clarified that the Township would not be obligated to accept any resulting proposal if the pricing was not favorable.

Discussion occurred regarding typical electric supply contract terms, which generally range between three and five years.

Supervisor Steere questioned how the reverse auction process would operate and whether Worcester Township would be competing against other municipalities for rates. Mr. DeMeno explained that the auction would be conducted solely for Worcester Township's electric load and that participating suppliers would compete specifically for the Township account.

Motion was made by Supervisor DeLello, seconded by Chair Betz, to adopt Resolution 2026-10 authorizing participation in the electricity reverse auction and execution of a supply contract.

During public comment, resident Ed Moore sought clarification regarding the role of the service provider conducting the auction process and the financial structure associated with the procurement program.

Mr. DeMeno explained that the consultant effectively acts as an aggregator coordinating supplier participation in the auction process.

Motion carried 3-0.

#### **AWARD OF BID – 2026 ROAD PROGRAM**

Township Engineer John Evarts presented the results of the 2026 Roadway Improvement Program bid solicitation. Mr. Evarts stated that bids were opened on May 13, 2026 and included both a base bid and an alternate bid component.

Mr. Evarts identified the base bid roadways as:

- Cold Spring Road
- Country Lane
- Haynes Way
- Hillcrest Drive
- Branded Court
- Deep Meadow Lane
- Anvil Drive
- Blacksmith Lane
- Acorn Lane
- Glenview Drive

The alternate work included repairs along Fry Road.

Mr. Evarts reported that three bids were received and recommended award of both the base bid and alternate bid to James D. Morrissey, Inc. in the amount of \$1,079,248.00.

Discussion occurred regarding the relatively low number of bids received compared to prior years. Township Manager DeMeno stated that other municipalities were experiencing similar conditions due to volatility in oil futures markets affecting asphalt pricing and contractor willingness to bid projects.

Supervisor DeLello explained that asphalt is a byproduct of oil production and noted that market volatility often reduces participation from smaller contractors.

Supervisor Steere requested additional explanation regarding the municipal bidding process, contractor qualification review, and reference checks. Mr. Evarts explained that Pennsylvania municipal bidding laws require public advertisement and standardized procedures through PennBid and further stated that contractor qualifications and references are reviewed to ensure the selected bidder is a responsible bidder.

Motion was made by Supervisor DeLello, seconded by Chair Betz, to award the 2026 Road Program base bid and alternate bid to James D. Morrissey, Inc. in the amount of \$1,079,248.00.

During public comment, Ed Moore questioned why the roadway contract required formal Board approval while the solicitor RFP process did not involve public Board action. Township staff clarified that the roadway project involved a formal public bid solicitation and contract award process.

Motion carried 3-0.

#### **OTHER BUSINESS – JOINT BOARD OF SUPERVISORS / PLANNING COMMISSION WORK SESSION**

Township Manager DeMeno introduced discussion regarding a possible future joint work session between the Board of Supervisors and the Planning Commission. Mr. DeMeno stated that prior joint sessions had occurred historically and requested feedback regarding the Board's goals and expectations for a future session.

Supervisor Rick DeLello discussed his philosophy regarding the Planning Commission's advisory role and stated that he historically attempted to avoid excessive Board influence over Planning Commission deliberations in order to preserve the Commission's independence.

Supervisor DeLello stated that challenges had emerged regarding project scheduling, communication, ordinance review timelines, and maintaining momentum on Township planning initiatives. He expressed interest in developing clearer expectations, timelines, and communication procedures between the Board and Planning Commission.

Supervisor Christine Steere stated that she strongly supported maintaining an active Planning Commission and emphasized the importance of the Commission's advisory role in the land development process. She noted frustration among some Planning Commission members regarding direction and scheduling concerns and expressed support for collaborative discussions to improve communication and establish clearer expectations.

Supervisor Steere also referenced pending ordinance projects, including the sign ordinance, and stated that community members regularly inquire about the status of those initiatives.

Chair Betz stated that the Township should work to expedite planning-related projects and suggested establishing clearer deadlines and expectations for Planning Commission review activities.

Additional discussion occurred regarding maintaining Planning Commission productivity when scheduled land development applications are postponed or removed from agendas. Supervisor Steere suggested maintaining backup agenda items and additional ordinance work in order to avoid canceled meetings and maintain continuity.

Township Manager DeMeno agreed that maintaining secondary agenda items and backup work topics would be beneficial moving forward.

**ADJOURNMENT**

There being no further business before the Board, the meeting adjourned.

Respectfully submitted,

Dan DeMeno  
Township Manager

**TOWNSHIP OF WORCESTER**  
Statement of Revenue and Expenditures - Standard

06/11/2026  
10:14 AM

**Revenue Account Range:** First to zzz-zzz-zzz-zzz

**Include Non-Anticipated:** Yes

**Year To Date As Of:** 05/31/26

**Expend Account Range:** First to zzz-zzz-zzz-zzz

**Include Non-Budget:** No

**Current Period:** 05/01/26 to 05/31/26

**Print Zero YTD Activity:** No

**Prior Year:** Thru 12/31/25

Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Excess/Deficit	% Real
001-301-100-000	Property Taxes- Current	51,865.62	51,540.00	1,490.42	48,687.57	2,852.43-	94
001-301-500-000	Property Taxes- Liened	439.11	510.00	56.62	221.90	288.10-	44
001-301-600-000	Property Taxes- Interim	212.44	200.00	3.31	81.33	118.67-	41
	<b>301 Total</b>	<b>52,517.17</b>	<b>52,250.00</b>	<b>1,550.35</b>	<b>48,990.80</b>	<b>3,259.20-</b>	<b>93</b>
001-310-030-000	Per Capita Taxes- Delinquent	36.30	60.00	2.20	6.60	53.40-	11
001-310-100-000	Real Estate Transfer Taxes	614,457.00	300,000.00	34,000.61	113,865.71	186,134.29-	38
001-310-210-000	Earned Income Taxes	3,747,662.71	3,785,000.00	905,209.63	1,309,931.11	2,475,068.89-	35
001-310-220-000	Earned Income Taxes- Prior Year	0.00	10.00	0.00	0.00	10.00-	0
	<b>310 Total</b>	<b>4,362,156.01</b>	<b>4,085,070.00</b>	<b>939,212.44</b>	<b>1,423,803.42</b>	<b>2,661,266.58-</b>	<b>34</b>
001-321-800-000	Franchise Fees	202,099.90	200,000.00	49,651.18	49,651.18	150,348.82-	25
	<b>321 Total</b>	<b>202,099.90</b>	<b>200,000.00</b>	<b>49,651.18</b>	<b>49,651.18</b>	<b>150,348.82-</b>	<b>24</b>
001-322-820-000	Road Opening Permits	318.00	300.00	159.00	265.00	35.00-	88
001-322-900-000	Sign Permits	56.00	100.00	0.00	28.00	72.00-	28
001-322-920-000	Solicitation Permits	896.00	500.00	280.00	756.00	256.00	151
	<b>322 Total</b>	<b>1,270.00</b>	<b>900.00</b>	<b>439.00</b>	<b>1,049.00</b>	<b>149.00</b>	<b>116</b>
001-331-120-000	Ordinance Violations	2,975.54	1,600.00	563.28	1,425.04	174.96-	89
	<b>331 Total</b>	<b>2,975.54</b>	<b>1,600.00</b>	<b>563.28</b>	<b>1,425.04</b>	<b>174.96-</b>	<b>89</b>
001-341-000-000	Interest Earnings	71,912.64	8,000.00	1,045.22	3,063.32	4,936.68-	38
	<b>341 Interest Earnings</b>	<b>71,912.64</b>	<b>8,000.00</b>	<b>1,045.22</b>	<b>3,063.32</b>	<b>4,936.68-</b>	<b>38</b>

**TOWNSHIP OF WORCESTER**  
Statement of Revenue and Expenditures

06/11/2026  
10:14 AM

Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Excess/Deficit	% Real
001-342-000-000	Rents & Royalties	23,322.77	22,291.15	1,827.35	10,332.75	11,958.40-	46
001-342-120-000	Cell Tower Rental	161,800.19	164,700.00	21,870.83	85,120.99	79,579.01-	52
	<b>342 Rents &amp; Royalties</b>	<b>185,122.96</b>	<b>186,991.15</b>	<b>23,698.18</b>	<b>95,453.74</b>	<b>91,537.41-</b>	<b>51</b>
001-355-010-000	Public Utility Realty Tax	3,876.59	3,876.59	0.00	0.00	3,876.59-	0
001-355-040-000	Alcohol License Fees	600.00	600.00	0.00	400.00	200.00-	67
001-355-050-000	General Municipal Pension State Aid	79,988.02	79,988.02	0.00	0.00	79,988.02-	0
001-355-070-000	Volunteer Fire Relief Association	113,391.11	113,391.11	0.00	0.00	113,391.11-	0
	<b>355 Total</b>	<b>197,855.72</b>	<b>197,855.72</b>	<b>0.00</b>	<b>400.00</b>	<b>197,455.72-</b>	<b>0</b>
001-361-300-000	Land Development Fees	32,083.50	4,000.00	13,300.00	13,300.00	9,300.00	332
001-361-330-000	Conditional Use Fees	0.00	1,500.00	0.00	0.00	1,500.00-	0
001-361-340-000	Zoning Hearing Board Fees	13,000.00	13,125.00	875.00	7,125.00	6,000.00-	54
001-361-500-000	Map And Publication Sales	0.00	5.00	0.00	0.00	5.00-	0
	<b>361 Total</b>	<b>45,083.50</b>	<b>18,630.00</b>	<b>14,175.00</b>	<b>20,425.00</b>	<b>1,795.00</b>	<b>109</b>
001-362-410-000	Building Permit Fees	126,886.06	80,000.00	7,658.00	70,652.00	9,348.00-	88
001-362-420-000	Zoning Permit Fees	29,606.00	20,500.00	2,217.00	11,054.00	9,446.00-	54
001-362-450-000	Commercial U&O Fees	500.00	200.00	0.00	0.00	200.00-	0
001-362-460-000	Driveway Permit Fees	784.00	600.00	0.00	56.00	544.00-	9
	<b>362 Total</b>	<b>157,776.06</b>	<b>101,300.00</b>	<b>9,875.00</b>	<b>81,762.00</b>	<b>19,538.00-</b>	<b>80</b>
001-367-420-000	Park Miscellaneous	27,363.00	14,100.00	2,862.50	18,462.50	4,362.50	131
	<b>367 Total</b>	<b>27,363.00</b>	<b>14,100.00</b>	<b>2,862.50</b>	<b>18,462.50</b>	<b>4,362.50</b>	<b>130</b>
001-381-000-000	Miscellaneous Income	24,163.33	1,500.00	0.00	9,259.29	7,759.29	617
001-381-001-000	Service Charge Fees	597.73	225.00	13.09	236.77	11.77	105

**TOWNSHIP OF WORCESTER**  
Statement of Revenue and Expenditures

06/11/2026  
10:14 AM

Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Excess/Deficit	% Real
	<b>381 Miscellaneous Income</b>	<b>24,761.06</b>	<b>1,725.00</b>	<b>13.09</b>	<b>9,496.06</b>	<b>7,771.06</b>	<b>550</b>
001-383-200-000	Escrow Administration	440.00	880.00	0.00	330.00	550.00-	38
	<b>383 Total</b>	<b>440.00</b>	<b>880.00</b>	<b>0.00</b>	<b>330.00</b>	<b>550.00-</b>	<b>37</b>
001-395-000-000	Refund of Prior Year Expenditures	6,088.23	0.00	0.00	3,395.88	3,395.88	0
	<b>395 Refund of Prior Year Expenditures</b>	<b>6,088.23</b>	<b>0.00</b>	<b>0.00</b>	<b>3,395.88</b>	<b>3,395.88</b>	<b>0</b>
	<b>Fund 001 Revenue Totals</b>	<b>5,337,421.79</b>	<b>4,869,301.87</b>	<b>1,043,085.24</b>	<b>1,757,707.94</b>	<b>3,111,593.93-</b>	<b>36</b>
Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
001-400-000-000	LEGISLATIVE BODY:	0.00	0.00	0.00	0.00	0.00	0
001-400-110-000	Legislative- Payroll	7,500.00	7,500.00	630.00	3,150.00	4,350.00	42
001-400-150-000	Legislative- Benefits	49,388.52	53,678.46	4,124.95	16,548.01	37,130.45	31
001-400-312-000	Legislative- Consultant Services	24,600.00	26,000.00	2,500.00	21,500.00	4,500.00	83
001-400-337-000	Legislative- Mileage Reimbursement	369.60	420.00	130.50	130.50	289.50	31
001-400-420-000	Legislative- Dues & Subscriptions	3,064.00	4,725.00	0.00	415.00	4,310.00	9
001-400-460-000	Legislative- Meetings & Seminars	4,993.11	5,050.00	2,595.58	4,327.58	722.42	86
	<b>400 LEGISLATIVE BODY:</b>	<b>89,915.23</b>	<b>97,373.46</b>	<b>9,981.03</b>	<b>46,071.09</b>	<b>51,302.37</b>	<b>47</b>
001-401-000-000	MANAGER:	0.00	0.00	0.00	0.00	0.00	0
001-401-120-000	Management- Payroll	279,778.75	287,110.00	22,085.38	112,571.13	174,538.87	39
001-401-150-000	Management- Benefits	90,946.96	88,311.83	6,691.49	35,625.60	52,686.23	40
001-401-312-000	Management- Consultant Services	0.00	9,950.00	0.00	0.00	9,950.00	0
001-401-321-000	Management- Mobile Phone	1,276.39	1,380.00	99.56	497.86	882.14	36
001-401-337-000	Management- Mileage Reimbursement	5,543.36	5,820.00	450.00	2,268.90	3,551.10	39

**TOWNSHIP OF WORCESTER**  
Statement of Revenue and Expenditures

06/11/2026  
10:14 AM

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
001-401-460-000	Management- Meetings & Seminars	4,791.46	2,705.00	1,888.67	2,762.67	57.67-	102
	<b>401 MANAGER:</b>	<b>382,336.92</b>	<b>395,276.83</b>	<b>31,215.10</b>	<b>153,726.16</b>	<b>241,550.67</b>	<b>39</b>
001-402-000-000	FINANCIAL ADMINISTRATION:	0.00	0.00	0.00	0.00	0.00	0
001-402-120-000	Finance- Payroll	103,237.54	125,000.00	9,615.38	48,869.21	76,130.79	39
001-402-150-000	Finance- Benefits	55,480.32	51,670.52	3,033.37	16,716.58	34,953.94	32
001-402-321-000	Finance- Mobile Phone	300.00	300.00	25.00	125.00	175.00	42
001-402-337-000	Finance- Mileage Reimbursement	198.09	250.00	29.00	29.00	221.00	12
001-402-460-000	Finance- Meeting & Seminars	0.00	400.00	0.00	0.00	400.00	0
	<b>402 FINANCIAL ADMINISTRATION:</b>	<b>159,215.95</b>	<b>177,620.52</b>	<b>12,702.75</b>	<b>65,739.79</b>	<b>111,880.73</b>	<b>37</b>
001-403-000-000	TAX COLLECTION:	0.00	0.00	0.00	0.00	0.00	0
001-403-110-000	Tax Collection- Payroll	2,604.75	2,612.50	0.00	2,387.98	224.52	91
001-403-150-000	Tax Collection- Benefits	199.27	142.94	0.00	182.68	39.74-	128
001-403-210-000	Tax Collection- Office Supplies	6,050.41	6,300.00	0.00	7,092.75	792.75-	113
001-403-310-000	Tax Collection- Professional Services	33,339.25	41,635.11	8,315.05	18,980.84	22,654.27	46
	<b>403 TAX COLLECTION:</b>	<b>42,193.68</b>	<b>50,690.55</b>	<b>8,315.05</b>	<b>28,644.25</b>	<b>22,046.30</b>	<b>57</b>
001-404-000-000	LEGAL SERVICES:	0.00	0.00	0.00	0.00	0.00	0
001-404-310-000	Legal- General Services	200,414.84	186,063.50	12,660.50	40,958.84	145,104.66	22
001-404-320-000	Legal- RTK Services	2,961.00	12,000.00	10,515.50	25,948.25	13,948.25-	216
	<b>404 LEGAL SERVICES:</b>	<b>203,375.84</b>	<b>198,063.50</b>	<b>23,176.00</b>	<b>66,907.09</b>	<b>131,156.41</b>	<b>34</b>
001-405-000-000	CLERICAL:	0.00	0.00	0.00	0.00	0.00	0
001-405-140-000	Clerical- Payroll	107,815.33	189,378.00	6,989.44	49,526.12	139,851.88	26
001-405-150-000	Clerical- Benefits	33,006.73	63,496.71	3,237.95	20,005.31	43,491.40	32
001-405-210-000	Clerical- Office Supplies	5,376.08	6,000.00	942.07	1,537.38	4,462.62	26

**TOWNSHIP OF WORCESTER**  
Statement of Revenue and Expenditures

06/11/2026  
10:14 AM

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
001-405-310-000	Payroll Services	16,463.27	18,495.00	1,369.45	7,750.00	10,745.00	42
001-405-321-000	Clerical- Telephone	3,640.26	4,893.00	0.00	1,429.56	3,463.44	29
001-405-325-000	Clerical- Postage	3,835.54	5,835.00	620.00	1,437.98	4,397.02	25
001-405-337-000	Clerical- Mileage Reimbursement	75.04	240.00	0.00	7.00	233.00	3
001-405-340-000	Clerical- Advertisement	3,493.64	6,000.00	0.00	458.75	5,541.25	8
001-405-460-000	Clerical- Meetings & Seminars	2,931.85	2,540.00	0.00	959.24-	3,499.24	38-
001-405-465-000	Clerical- Computer Expense	109,900.22	93,546.00	3,983.03	39,290.19	54,255.81	42
001-405-470-000	Clerical- Other Expense	13,317.27	14,394.00	1,428.40	7,957.17	6,436.83	55
	<b>405 CLERICAL:</b>	<b>299,855.23</b>	<b>404,817.71</b>	<b>18,570.34</b>	<b>128,440.22</b>	<b>276,377.49</b>	<b>32</b>
001-408-000-000	ENGINEERING SERVICES:	0.00	0.00	0.00	0.00	0.00	0
001-408-310-000	Engineering Services	74,439.56	60,000.00	6,145.95	27,514.58	32,485.42	46
	<b>408 ENGINEERING SERVICES:</b>	<b>74,439.56</b>	<b>60,000.00</b>	<b>6,145.95</b>	<b>27,514.58</b>	<b>32,485.42</b>	<b>46</b>
001-409-000-000	GOVERNMENT BUILDINGS & PLANT:	0.00	0.00	0.00	0.00	0.00	0
001-409-136-000	Administration- Utilities	13,662.95	13,200.00	545.72	5,572.91	7,627.09	42
001-409-137-000	Administration- Maintenance & Repairs	11,142.97	19,830.00	1,340.00	5,571.22	14,258.78	28
001-409-142-000	Administration- Alarm Service	4,605.38	4,920.00	480.70	1,754.54	3,165.46	36
001-409-147-000	Administration- Other Expenses	741.11	1,920.00	11.96	179.30	1,740.70	9
001-409-236-000	Garage- Utilities	13,696.12	15,540.00	481.65	7,461.64	8,078.36	48
001-409-237-000	Garage- Maintenance & Repairs	10,457.53	15,030.00	772.44	4,501.93	10,528.07	30
001-409-242-000	Garage- Alarm Service	2,034.42	2,604.00	435.27	718.75	1,885.25	28
001-409-247-000	Garage- Other Expenses	1,007.33	1,320.00	0.00	237.21	1,082.79	18
001-409-436-000	Community Hall- Utilities	5,092.39	7,140.00	152.79	2,991.65	4,148.35	42
001-409-437-000	Community Hall- Maintenance & Repairs	4,008.28	6,276.00	260.00	1,504.00	4,772.00	24
001-409-447-000	Community Hall- Other Expenses	279.62	660.00	0.00	125.00	535.00	19
001-409-536-000	Historical Bldg- Utilities	3,528.49	5,433.00	126.80	2,572.27	2,860.73	47

**TOWNSHIP OF WORCESTER**  
Statement of Revenue and Expenditures

06/11/2026  
10:14 AM

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
001-409-537-000	Historical Bldg- Maintenance & Repairs	4,044.00	1,992.00	0.00	0.00	1,992.00	0
001-409-636-000	Hollow Rd Rental- Utilities	0.00	250.00	0.00	0.00	250.00	0
001-409-637-000	Hollow Rd Rental- Maintenance & Repairs	1,130.50	4,152.00	433.48	433.48	3,718.52	10
001-409-737-000	Springhouse- Maintenance & Repairs	0.00	1,000.00	0.00	0.00	1,000.00	0
001-409-836-000	Dutchy Church- Utilities	600.51	624.00	49.73	198.71	425.29	32
001-409-837-000	Dutchy Church- Maintenance and Repairs	76.92	960.00	0.00	0.00	960.00	0
	<b>409 GOVERNMENT BUILDINGS &amp; PLANT:</b>	<b>76,108.52</b>	<b>102,851.00</b>	<b>5,090.54</b>	<b>33,822.61</b>	<b>69,028.39</b>	<b>33</b>
001-411-000-000	FIRE:	0.00	0.00	0.00	0.00	0.00	0
001-411-380-000	Fire Protection- Hydrant Rentals	28,031.71	32,671.32	1,103.43	4,416.71	28,254.61	14
001-411-540-000	Fire Protection- WVFD Contributions	487,321.11	487,821.11	0.00	365,930.00	121,891.11	75
	<b>411 FIRE:</b>	<b>515,352.82</b>	<b>520,492.43</b>	<b>1,103.43</b>	<b>370,346.71</b>	<b>150,145.72</b>	<b>71</b>
001-412-001-000	Ambulance services	76,500.00	100,000.00	0.00	0.00	100,000.00	0
	<b>412 Total</b>	<b>76,500.00</b>	<b>100,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>100,000.00</b>	<b>0</b>
001-413-000-000	UCC & CODE ENFORCEMENT:	0.00	0.00	0.00	0.00	0.00	0
001-413-110-000	Fire Marshal- Payroll	5,200.00	0.00	0.00	0.00	0.00	0
001-413-140-000	Code Enforcement- Payroll	760.00	0.00	0.00	0.00	0.00	0
001-413-150-000	Code Enforcement- Benefits	0.00	252.75	0.00	0.00	252.75	0
001-413-210-000	Code Enforcement- Supplies	8,976.50	6,545.00	0.00	1,295.00	5,250.00	20
001-413-312-000	Code Enforcement- Consultant Services	130,277.46	92,500.00	17,315.00	47,221.25	45,278.75	51
001-413-321-000	Code Enforcement- Mobile Phone	210.56	0.00	0.00	0.00	0.00	0
	<b>413 UCC &amp; CODE ENFORCEMENT:</b>	<b>145,424.52</b>	<b>99,297.75</b>	<b>17,315.00</b>	<b>48,516.25</b>	<b>50,781.50</b>	<b>49</b>
001-414-000-000	PLANNING & ZONING:	0.00	0.00	0.00	0.00	0.00	0
001-414-140-000	Zoning- Payroll	1,550.00	4,000.00	150.00	850.00	3,150.00	21



**TOWNSHIP OF WORCESTER**  
Statement of Revenue and Expenditures

06/11/2026  
10:14 AM

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
001-433-313-000	Traffic Signal- Engineering	4,553.75	7,000.00	0.00	1,662.50	5,337.50	24
001-433-361-000	Traffic Signal- Electricity	4,194.42	4,860.00	402.46	2,816.63	2,043.37	58
001-433-374-000	Traffic Signal- Maintenance	13,466.39	14,000.00	0.00	6,879.31	7,120.69	49
	<b>433 TRAFFIC CONTROL DEVICES:</b>	<b>22,214.56</b>	<b>25,860.00</b>	<b>402.46</b>	<b>11,358.44</b>	<b>14,501.56</b>	<b>44</b>
001-437-000-000	REPAIRS OF TOOLS AND MACHINERY:	0.00	0.00	0.00	0.00	0.00	0
001-437-250-000	Machinery & Tools- Vehicle Maintenance	94,011.31	92,160.00	1,593.59	26,592.53	65,567.47	29
001-437-260-000	Machinery & Tools- Small Tools	10,064.02	16,000.00	443.24	200.29	16,200.29	1-
	<b>437 REPAIRS OF TOOLS AND MACHINERY:</b>	<b>104,075.33</b>	<b>108,160.00</b>	<b>2,036.83</b>	<b>26,392.24</b>	<b>81,767.76</b>	<b>24</b>
001-438-000-000	ROADS & BRIDGES:	0.00	0.00	0.00	0.00	0.00	0
001-438-231-000	Gasoline	9,075.38	6,300.00	1,062.33	6,722.45	422.45	107
001-438-232-000	Diesel Fuel	24,048.69	29,976.52	2,106.93	11,796.65	18,179.87	39
001-438-242-000	Road Signs	5,355.51	6,000.00	0.00	162.80	5,837.20	3
001-438-245-000	Road Supplies	20,175.33	48,750.00	0.00	1,991.12	46,758.88	4
001-438-313-000	Engineering	19,215.28	25,000.00	1,807.00	7,153.68	17,846.32	29
001-438-370-000	Road Program- Contractor	6,198.50	15,000.00	0.00	0.00	15,000.00	0
	<b>438 ROADS &amp; BRIDGES:</b>	<b>84,068.69</b>	<b>131,026.52</b>	<b>4,976.26</b>	<b>27,826.70</b>	<b>103,199.82</b>	<b>21</b>
001-446-000-000	STORM WATER MANAGEMENT:	0.00	0.00	0.00	0.00	0.00	0
001-446-313-000	Stormwater Management- Engineering	8,503.25	31,000.00	0.00	926.00	30,074.00	3
	<b>446 STORM WATER MANAGEMENT:</b>	<b>8,503.25</b>	<b>31,000.00</b>	<b>0.00</b>	<b>926.00</b>	<b>30,074.00</b>	<b>3</b>
001-452-000-000	PARTICIPANT RECREATION:	0.00	0.00	0.00	0.00	0.00	0
001-452-250-000	Community Day	9,635.32	15,000.00	10,000.00	13,571.10	1,428.90	90
001-452-520-000	Library	9,309.30	9,774.45	0.00	0.00	9,774.45	0
	<b>452 PARTICIPANT RECREATION:</b>	<b>18,944.62</b>	<b>24,774.45</b>	<b>10,000.00</b>	<b>13,571.10</b>	<b>11,203.35</b>	<b>55</b>

**TOWNSHIP OF WORCESTER**  
Statement of Revenue and Expenditures

06/11/2026  
10:14 AM

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
001-454-000-000	PARKS:	0.00	0.00	0.00	0.00	0.00	0
001-454-436-000	Heebner Park- Utilities	4,390.73	4,212.00	547.76	3,334.73	877.27	79
001-454-437-001	Heebner Park- Athletic Fields	6,185.05	12,000.00	250.00	1,316.80	10,683.20	11
001-454-437-002	Heebner Park- Expenses	5,139.04	8,000.00	686.38	3,680.78	4,319.22	46
001-454-438-001	Mount Kirk Park- Athletic Fields	1,316.75	2,300.00	0.00	266.70	2,033.30	12
001-454-438-002	Mount Kirk Park- Expenses	2,122.49	1,550.00	45.00	132.76	1,417.24	9
001-454-438-003	Mount Kirk Park- Utilities	3,432.94	2,420.00	140.34	1,708.72	711.28	71
001-454-439-001	Sunny Brook Park- Athletic Fields	1,955.20	3,300.00	0.00	444.50	2,855.50	13
001-454-439-002	Sunny Brook Park- Expenses	1,651.33	3,202.00	42.00	607.71	2,594.29	19
001-454-446-000	Sunny Brook Park- Utilities	2,636.57	2,700.00	110.09	1,630.77	1,069.23	60
001-454-470-000	Heyser Park- Horse Ring	0.00	500.00	0.00	0.00	500.00	0
001-454-471-000	Heyser Park- Expenses	176.00	350.00	90.00	624.13	274.13-	178
001-454-480-000	Trail Expenses	740.88	2,650.00	0.00	0.00	2,650.00	0
001-454-490-000	Other Parks	4,386.74	6,716.00	483.68	2,060.22	4,655.78	31
	<b>454 PARKS:</b>	<b>34,133.72</b>	<b>49,900.00</b>	<b>2,395.25</b>	<b>15,807.82</b>	<b>34,092.18</b>	<b>32</b>
001-459-000-000	PUBLIC RELATIONS:	0.00	0.00	0.00	0.00	0.00	0
001-459-340-000	Public Relations- Community Newsletter	5,510.55	11,920.00	0.00	5,714.86	6,205.14	48
001-459-341-000	Public Relations- Other Communications	0.00	1,200.00	0.00	851.32	348.68	71
	<b>459 PUBLIC RELATIONS:</b>	<b>5,510.55</b>	<b>13,120.00</b>	<b>0.00</b>	<b>6,566.18</b>	<b>6,553.82</b>	<b>50</b>
001-486-000-000	INSURANCE:	0.00	0.00	0.00	0.00	0.00	0
001-486-350-000	Insurances	132,534.37	143,262.30	3,071.00	63,726.30	79,536.00	44
	<b>486 INSURANCE:</b>	<b>132,534.37</b>	<b>143,262.30</b>	<b>3,071.00</b>	<b>63,726.30</b>	<b>79,536.00</b>	<b>44</b>
001-492-300-000	Transfer To Capital Fund	1,915,704.60	977,375.62	0.00	0.00	977,375.62	0
	<b>492 Total</b>	<b>1,915,704.60</b>	<b>977,375.62</b>	<b>0.00</b>	<b>0.00</b>	<b>977,375.62</b>	<b>0</b>

**TOWNSHIP OF WORCESTER**  
Statement of Revenue and Expenditures

<u>Expenditure Account</u>	<u>Description</u>	<u>Prior Yr Expd</u>	<u>Budgeted</u>	<u>Current Expd</u>	<u>YTD Expended</u>	<u>Unexpended</u>	<u>% Expd</u>
	<b>Fund 001 Expenditure Totals</b>	<b>5,438,589.39</b>	<b>4,872,546.20</b>	<b>238,055.70</b>	<b>1,602,622.01</b>	<b>3,269,924.19</b>	<b>33</b>

<b>001 Fund</b>	<b>Prior</b>	<b>Current</b>	<b>YTD</b>
<b>Revenues:</b>	<b>5,337,421.79</b>	<b>1,043,085.24</b>	<b>1,757,707.94</b>
<b>Expenditures:</b>	<b>5,438,589.39</b>	<b>238,055.70</b>	<b>1,602,622.01</b>
<b>Net Income:</b>	<b>101,167.60-</b>	<b>805,029.54</b>	<b>155,085.93</b>

**TOWNSHIP OF WORCESTER**  
Statement of Revenue and Expenditures

06/11/2026  
10:14 AM

Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Excess/Deficit	% Real
008-341-000-000	Interest Earnings	61,553.46	20,000.00	4,771.41	23,039.96	3,039.96	115
	<b>341 Interest Earnings</b>	<b>61,553.46</b>	<b>20,000.00</b>	<b>4,771.41</b>	<b>23,039.96</b>	<b>3,039.96</b>	<b>115</b>
008-364-110-000	Tapping Fees	8,000.00	48,577.62	2,464.24	15,974.44	32,603.18-	33
008-364-120-000	Sewer Fees- Residential	624,420.60	642,964.99	33,185.59	318,954.07	324,010.92-	50
008-364-130-000	Sewer Fees- Commercial	169,121.93	152,000.00	1,264.82	69,387.44	82,612.56-	46
008-364-140-000	Late Fees	10,947.76	8,300.00	227.73	4,377.00	3,923.00-	53
008-364-150-000	Certification Fees	695.00	1,000.00	90.00	510.00	490.00-	51
	<b>364 Total</b>	<b>813,185.29</b>	<b>852,842.61</b>	<b>37,232.38</b>	<b>409,202.95</b>	<b>443,639.66-</b>	<b>47</b>
008-381-000-000	Miscellaneous Income	0.00	25.00	0.00	0.00	25.00-	0
	<b>381 Miscellaneous Income</b>	<b>0.00</b>	<b>25.00</b>	<b>0.00</b>	<b>0.00</b>	<b>25.00-</b>	<b>0</b>
	<b>Fund 008 Revenue Totals</b>	<b>874,738.75</b>	<b>872,867.61</b>	<b>42,003.79</b>	<b>432,242.91</b>	<b>440,624.70-</b>	<b>49</b>

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
008-429-000-000	WASTWATER COLLECTION AND TREATMENT:	0.00	0.00	0.00	0.00	0.00	0
008-429-242-000	Alarm Services	2,006.57	2,104.00	0.00	1,472.47	631.53	70
008-429-300-000	Other Expenses	246,236.58	235,824.00	22,483.21	85,229.61	150,594.39	36
008-429-313-000	Engineering	9,988.26	12,000.00	1,893.00	12,762.23	762.23-	106
008-429-314-000	Legal	1,762.51	3,000.00	0.00	0.00	3,000.00	0
008-429-316-000	Plant Operations	75,029.91	93,818.50	29.50	34,747.54	59,070.96	37
008-429-321-000	Telephone	1,124.26	1,200.00	95.69	436.49	763.51	36
008-429-361-000	Utilities	131,453.95	137,520.00	8,929.07	57,709.84	79,810.16	42
008-429-374-000	Equipment & Repairs	26,019.20	30,226.03	0.00	6,096.94	24,129.09	20
008-429-421-001	Center Point- Operations	5,070.00	6,636.00	0.00	2,073.63	4,562.37	31



**TOWNSHIP OF WORCESTER**  
Statement of Revenue and Expenditures

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
008-486-350-000	Insurance Expense	6,971.50	5,982.70	0.00	5,982.70	0.00	100
	<b>486 INSURANCE:</b>	<b>6,971.50</b>	<b>5,982.70</b>	<b>0.00</b>	<b>5,982.70</b>	<b>0.00</b>	<b>100</b>
<b>Fund 008 Expenditure Totals</b>		<b>992,722.39</b>	<b>861,571.23</b>	<b>35,933.81</b>	<b>251,948.09</b>	<b>609,623.14</b>	<b>29</b>

008 Fund	Prior	Current	YTD
<b>Revenues:</b>	<b>874,738.75</b>	<b>42,003.79</b>	<b>432,242.91</b>
<b>Expenditures:</b>	<b>992,722.39</b>	<b>35,933.81</b>	<b>251,948.09</b>
<b>Net Income:</b>	<b>117,983.64-</b>	<b>6,069.98</b>	<b>180,294.82</b>

**TOWNSHIP OF WORCESTER**  
Statement of Revenue and Expenditures

06/11/2026  
10:14 AM

Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Excess/Deficit	% Real
030-341-000-000	Interest Earnings	786,544.65	720,000.00	61,815.06	305,229.54	414,770.46-	42
	<b>341 Interest Earnings</b>	<b>786,544.65</b>	<b>720,000.00</b>	<b>61,815.06</b>	<b>305,229.54</b>	<b>414,770.46-</b>	<b>42</b>
030-354-351-000	Grants	0.00	161,442.00	0.00	0.00	161,442.00-	0
	<b>354 Total</b>	<b>0.00</b>	<b>161,442.00</b>	<b>0.00</b>	<b>0.00</b>	<b>161,442.00-</b>	<b>0</b>
030-363-100-000	Traffic Impact Fees	19,672.39	14,204.00	0.00	0.00	14,204.00-	0
	<b>363 Total</b>	<b>19,672.39</b>	<b>14,204.00</b>	<b>0.00</b>	<b>0.00</b>	<b>14,204.00-</b>	<b>0</b>
030-381-000-000	Miscellaneous Income	8,388.75	2,000.00	0.00	1,000.00	1,000.00-	50
	<b>381 Miscellaneous Income</b>	<b>8,388.75</b>	<b>2,000.00</b>	<b>0.00</b>	<b>1,000.00</b>	<b>1,000.00-</b>	<b>50</b>
030-392-010-000	Transfer From General Fund	1,915,704.60	977,375.62	0.00	0.00	977,375.62-	0
	<b>392 Total</b>	<b>1,915,704.60</b>	<b>977,375.62</b>	<b>0.00</b>	<b>0.00</b>	<b>977,375.62-</b>	<b>0</b>
	<b>Fund 030 Revenue Totals</b>	<b>2,730,310.39</b>	<b>1,875,021.62</b>	<b>61,815.06</b>	<b>306,229.54</b>	<b>1,568,792.08-</b>	<b>16</b>
Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
030-405-000-000	SECRETARY/CLERK:	0.00	0.00	0.00	0.00	0.00	0
030-405-720-000	Office Equipment	4,986.89	80,000.00	2,537.50	26,443.94	53,556.06	33
	<b>405 SECRETARY/CLERK:</b>	<b>4,986.89</b>	<b>80,000.00</b>	<b>2,537.50</b>	<b>26,443.94</b>	<b>53,556.06</b>	<b>33</b>
030-409-000-000	GOVERNMENT BUILDINGS & PLANTS:	0.00	0.00	0.00	0.00	0.00	0
030-409-600-000	Building Improvements	16,853.00	20,700.00	0.00	12,439.52	8,260.48	60
	<b>409 GOVERNMENT BUILDINGS &amp; PLANTS:</b>	<b>16,853.00</b>	<b>20,700.00</b>	<b>0.00</b>	<b>12,439.52</b>	<b>8,260.48</b>	<b>60</b>

**TOWNSHIP OF WORCESTER**  
Statement of Revenue and Expenditures

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
030-430-600-000	Capital Roads	668,452.64	1,571,177.00	8,988.12	21,236.22	1,549,940.78	1
030-430-740-000	Equipment Purchases	406,150.99	344,730.00	89,842.44	149,342.44	195,387.56	43
	<b>430 Total</b>	<b>1,074,603.63</b>	<b>1,915,907.00</b>	<b>98,830.56</b>	<b>170,578.66</b>	<b>1,745,328.34</b>	<b>9</b>
030-433-600-000	Traffic Signs & Signals	27,113.50	37,000.00	0.00	0.00	37,000.00	0
	<b>433 Total</b>	<b>27,113.50</b>	<b>37,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>37,000.00</b>	<b>0</b>
030-454-600-000	Parks and Trails	232,943.49	310,100.00	8,217.25	39,167.25	270,932.75	13
030-454-710-000	Land Acquisition	0.00	31,000.00	0.00	0.00	31,000.00	0
	<b>454 Total</b>	<b>232,943.49</b>	<b>341,100.00</b>	<b>8,217.25</b>	<b>39,167.25</b>	<b>301,932.75</b>	<b>11</b>
030-471-201-000	Bond principal	37,000.00	0.00	0.00	0.00	0.00	0
	<b>471 Total</b>	<b>37,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>
030-472-200-000	Loan Interest	98,908.85	135,908.85	0.00	48,180.18	87,728.67	35
	<b>472 Total</b>	<b>98,908.85</b>	<b>135,908.85</b>	<b>0.00</b>	<b>48,180.18</b>	<b>87,728.67</b>	<b>35</b>
	<b>Fund 030 Expenditure Totals</b>	<b>1,492,409.36</b>	<b>2,530,615.85</b>	<b>109,585.31</b>	<b>296,809.55</b>	<b>2,233,806.30</b>	<b>12</b>

030 Fund	Prior	Current	YTD
<b>Revenues:</b>	<b>2,730,310.39</b>	<b>61,815.06</b>	<b>306,229.54</b>
<b>Expenditures:</b>	<b>1,492,409.36</b>	<b>109,585.31</b>	<b>296,809.55</b>
<b>Net Income:</b>	<b>1,237,901.03</b>	<b>47,770.25-</b>	<b>9,419.99</b>

**TOWNSHIP OF WORCESTER**  
Statement of Revenue and Expenditures

Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Excess/Deficit	% Real
035-341-000-000	Interest Earnings	16,604.83	6,000.00	1,411.63	5,010.52	989.48-	84
	<b>341 Interest Earnings</b>	<b>16,604.83</b>	<b>6,000.00</b>	<b>1,411.63</b>	<b>5,010.52</b>	<b>989.48-</b>	<b>83</b>
035-355-020-000	Liquid Fuel Funds	363,411.52	350,022.34	0.00	352,054.09	2,031.75	101
	<b>355 Total</b>	<b>363,411.52</b>	<b>350,022.34</b>	<b>0.00</b>	<b>352,054.09</b>	<b>2,031.75</b>	<b>100</b>
	<b>Fund 035 Revenue Totals</b>	<b>380,016.35</b>	<b>356,022.34</b>	<b>1,411.63</b>	<b>357,064.61</b>	<b>1,042.27</b>	<b>100</b>

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
035-438-000-000	ROADS & BRIDGES:	0.00	0.00	0.00	0.00	0.00	0
035-438-370-000	Road Maintenance Contractor	357,000.00	360,000.00	0.00	0.00	360,000.00	0
	<b>438 ROADS &amp; BRIDGES:</b>	<b>357,000.00</b>	<b>360,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>360,000.00</b>	<b>0</b>
	<b>Fund 035 Expenditure Totals</b>	<b>357,000.00</b>	<b>360,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>360,000.00</b>	<b>0</b>

035 Fund	Prior	Current	YTD
<b>Revenues:</b>	<b>380,016.35</b>	<b>1,411.63</b>	<b>357,064.61</b>
<b>Expenditures:</b>	<b>357,000.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Net Income:</b>	<b>23,016.35</b>	<b>1,411.63</b>	<b>357,064.61</b>

**TOWNSHIP OF WORCESTER**  
Statement of Revenue and Expenditures

Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Excess/Deficit	% Real
040-341-109-000	Interest 1622 Hollow Road	238.19	0.00	17.73	87.42	87.42	0
040-341-200-000	Interest Earnings Developers	975.69	0.00	68.37	337.09	337.09	0
	<b>341 Total</b>	<b>1,213.88</b>	<b>0.00</b>	<b>86.10</b>	<b>424.51</b>	<b>424.51</b>	<b>0</b>
	<b>Fund 040 Revenue Totals</b>	<b>1,213.88</b>	<b>0.00</b>	<b>86.10</b>	<b>424.51</b>	<b>424.51</b>	<b>0</b>

040 Fund	Prior	Current	YTD
<b>Revenues:</b>	<b>1,213.88</b>	<b>86.10</b>	<b>424.51</b>
<b>Expenditures:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Net Income:</b>	<b>1,213.88</b>	<b>86.10</b>	<b>424.51</b>

Grand Totals	Prior	Current	YTD
<b>Revenues:</b>	<b>9,323,701.16</b>	<b>1,148,401.82</b>	<b>2,853,669.51</b>
<b>Expenditures:</b>	<b>8,280,721.14</b>	<b>383,574.82</b>	<b>2,151,379.65</b>
<b>Net Income:</b>	<b>1,042,980.02</b>	<b>764,827.00</b>	<b>702,289.86</b>



# PENNSYLVANIA STATE POLICE

## CAD Call Print Synopsis

Number of Records Returned: 164

**Search Criteria:** which\_cad='P' and occ\_date between '2026-05-01' and '2026-05-31' and municipality='46226' and jurisdiction='PA'

Call #	Report #	Call Date	Time	Initial Call Type	Final Call Type	Location	Founded	Cleared By
PA 2026-552606	2026-552606	May-01-2026	10:23:54	DSCHSC(DOMESTIC SECURITY CHECK - SCHOOL CC)	DSCHSC(DOMESTIC SECURITY CHECK - SCHOOL CC)	2000 BLOCK S VALLEY FORGE RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-553047	2026-553047	May-01-2026	12:09:22	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	3300 BLOCK SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-553114	2026-553114	May-01-2026	12:26:28	ISTAT (INTERSTATE HIGHWAY - STATIONARY PATROL CC)	ISTAT (INTERSTATE HIGHWAY - STATIONARY PATROL CC)	256 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-553781	2026-553781	May-01-2026	15:14:45	ISTAT (INTERSTATE HIGHWAY - STATIONARY PATROL CC)	ISTAT (INTERSTATE HIGHWAY - STATIONARY PATROL CC)	271 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-553996	2026-553996	May-01-2026	15:54:52	ABNVEH(ABANDONED VEHICLE GO)	CANCEL(CANCELLED BY COMPLAINANT X)	1501 N WALES RD, WORCESTER TWP (MONTGOMERY)	Yes	CANCELLED
PA 2026-554617	2026-554617	May-01-2026	19:34:50	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	254 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-554742	2026-554742	May-01-2026	20:14:34	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	266 I476 S, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-555501	2026-555501	May-02-2026	01:00:44	SEEOF(SEE OFFICER GO)	ATL (ATTEMPT LOCATE PERSON - VEHICLE GO)	104 MEADOW VIEW LN, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-555578	2026-555578	May-02-2026	01:35:19	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	3100 BLOCK SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	WARNING (TRAFFIC STOP)
PA 2026-556854	2026-556854	May-02-2026	10:38:18	MVCUNK(MVC - UNKNOWN INJURIES)	MVCNR (MVC - NON-REPORTABLE)	VALLEY FORGE RD / TOWNSHIP LINE RD, WORCESTER TWP (MONTGOMERY)	Yes	TRACS CRASH REPORT
PA 2026-557820	2026-557820	May-02-2026	15:12:44	MVCNR (MVC - NON-REPORTABLE)	MVCNR (MVC - NON-REPORTABLE)	2979 W GERMANTOWN PIKE, WORCESTER TWP (MONTGOMERY)	Yes	TRACS CRASH REPORT
PA 2026-558131	2026-558131	May-02-2026	16:49:09	SEEOF(SEE OFFICER GO)	SEEOF(SEE OFFICER GO)	2587 HILLCREST DR, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-559343	2026-559343	May-03-2026	00:03:51	TS (TRAFFIC STOP CC)	TRADRG(TRAF VIOL-DUI DRUG)	2900 BLOCK HORSESHOE DR, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-560172	2026-560172	May-03-2026	07:01:58	DSCHSC(DOMESTIC SECURITY CHECK - SCHOOL CC)	DSCHSC(DOMESTIC SECURITY CHECK - SCHOOL CC)	SKIPPACK PIKE / SHUTT MILL RD [WOCESTER ELEMENTARY, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-560319	2026-560319	May-03-2026	07:20:16	DSCHK (DOMESTIC SECURITY CHECK CC)	DSCHK (DOMESTIC SECURITY CHECK CC)	1600 BLOCK SHEFLEY LN [HEEBNER PARK, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-561061	2026-561061	May-03-2026	11:21:05	911 (911 HANG UP CALL GO)	911 (911 HANG UP CALL GO)	223 HOLLY HOUSE, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-561580	2026-561580	May-03-2026	14:00:47	ROAD (ROAD HAZARD - ANIMAL - DEBRIS CC)	ROAD (ROAD HAZARD - ANIMAL - DEBRIS CC)	VALLEY FORGE RD / DEFFORD RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL



# PENNSYLVANIA STATE POLICE

## CAD Call Print Synopsis

Call #	Report #	Call Date	Time	Initial Call Type	Final Call Type	Location	Founded	Cleared By
PA 2026-566977	2026-566977	May-04-2026	18:06:04	IDHTFT(IDENTITY THEFT)	SEEOFC(SEE OFFICER GO)	2245 GLENVIEW DR, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-567239	2026-567239	May-04-2026	18:46:23	MVCHR (MVC - HIT AND RUN, NO INJURIES)	MVCHR (MVC - HIT AND RUN, NO INJURIES)	2979 W GERMANTOWN PIKE, WORCESTER TWP (MONTGOMERY)	Yes	TRACS CRASH REPORT
PA 2026-567233	2026-567233	May-04-2026	19:18:53	PFAO (PFA ORDER SERVICE CC)	PFAO (PFA ORDER SERVICE CC)	2229 S VALLEY FORGE RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-567374	2026-567374	May-04-2026	20:04:32	DOMA (DOMESTIC - IN PROGRESS)	DOMO (DOMESTIC - OTHER GO)	1225 QUARRY HALL RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-569266	2026-569266	May-05-2026	08:15:07	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	2200 BLOCK S VALLEY FORGE RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-570462	2026-570462	May-05-2026	11:20:08	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	3300 BLOCK SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-570558	2026-570558	May-05-2026	11:38:53	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	2000 BLOCK BUSTARD RD, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-572604	2026-572604	May-05-2026	18:36:49	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	275 I476 S, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-572753	2026-572753	May-05-2026	19:18:35	SEEOFC(SEE OFFICER GO)	SEEOFC(SEE OFFICER GO)	9 ABBOTT CT, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-576578	2026-576578	May-06-2026	16:02:49	DOMA (DOMESTIC - IN PROGRESS)	HARASS (HARASSMENT - COMM - STALK - OTHER)	1189 REICHENBACH RD, WORCESTER TWP (MONTGOMERY)	Yes	GO & TRACS (CRASH WITH GO)
PA 2026-578748	2026-578748	May-07-2026	07:24:37	SEEOFC(SEE OFFICER GO)	CANCEL(CANCELLED BY COMPLAINANT X)	BERWICK PL / E MOUNT KIRK AVE, WORCESTER TWP (MONTGOMERY)	Yes	CANCELLED
PA 2026-580490	2026-580490	May-07-2026	13:46:30	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	265 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-580769	2026-580769	May-07-2026	14:56:47	ANIMAL(ANIMAL LOST - FOUND CC)	ANIMAL(ANIMAL LOST - FOUND CC)	N GRANGE AVE / WATER STREET RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-581112	2026-581112	May-07-2026	16:02:07	MVCI (MVC - INJURIES)	MVCI (MVC - INJURIES)	MORRIS RD / GLENVIEW DR, WORCESTER TWP (MONTGOMERY)	Yes	TRACS CRASH REPORT
PA 2026-581253	2026-581253	May-07-2026	16:34:55	MVCRNI(MVC - REPORTABLE, NO INJURIES)	MVCNR (MVC - NON-REPORTABLE)	S VALLEY FORGE RD / SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	TRACS CRASH REPORT
PA 2026-581426	2026-581426	May-07-2026	17:16:11	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	3000 BLOCK SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-581572	2026-581572	May-07-2026	17:59:12	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	273 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-582729	2026-582729	May-08-2026	03:14:27	SUSPP (SUSPICIOUS PERSON GO)	DIST (DISTURBANCE/NOISE COMPLAINT GO)	202 GRANT RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-583698	2026-583698	May-08-2026	08:30:37	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	261 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION



# PENNSYLVANIA STATE POLICE

## CAD Call Print Synopsis

Call #	Report #	Call Date	Time	Initial Call Type	Final Call Type	Location	Founded	Cleared By
PA 2026-584051	2026-584051	May-08-2026	09:53:36	DISM (DISABLED MOTORIST CC)	DISM (DISABLED MOTORIST CC)	266 I476 S, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-584163	2026-584163	May-08-2026	10:15:19	MVCUNK(MVC - UNKNOWN INJURIES)	PATCHK(PATROL CHECK CC)	3347 STUMP HALL RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-585508	2026-585508	May-08-2026	15:34:19	ROAD (ROAD HAZARD - ANIMAL - DEBRIS CC)	ROAD (ROAD HAZARD - ANIMAL - DEBRIS CC)	265 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-587424	2026-587424	May-09-2026	00:57:56	PATCHK(PATROL CHECK CC)	PATCHK(PATROL CHECK CC)	2220 WEBER RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-587406	2026-587406	May-09-2026	01:10:50	PATCHK(PATROL CHECK CC)	PATCHK(PATROL CHECK CC)	2220 WEBER RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-587414	2026-587414	May-09-2026	01:14:30	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	2900 BLOCK SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-589620	2026-589620	May-09-2026	16:03:12	MVCNR (MVC - NON-REPORTABLE)	MVCNR (MVC - NON-REPORTABLE)	1031 VALLEY FORGE RD, WORCESTER TWP (MONTGOMERY)	Yes	TRACS CRASH REPORT
PA 2026-591506	2026-591506	May-10-2026	05:57:17	MVCNRNI(MVC - REPORTABLE, NO INJURIES)	CANCEL(CANCELLED BY COMPLAINANT X)	SKIPPACK PIKE / S VALLEY FORGE RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-593560	2026-593560	May-10-2026	16:14:00	SEEOF(SEE OFFICER GO)	SEEOF(SEE OFFICER GO)	2026 HOLLIS RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-593670	2026-593670	May-10-2026	16:51:17	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	271 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-595559	2026-595559	May-11-2026	07:11:32	INFORM(POLICE INFORMATION CC)	INFORM(POLICE INFORMATION CC)	SKIPPACK PIKE / N WHITEHALL RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-596192	2026-596192	May-11-2026	09:12:26	DISM (DISABLED MOTORIST CC)	DISM (DISABLED MOTORIST CC)	2400 BLOCK SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-598798	2026-598798	May-11-2026	19:53:56	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	700 BLK MORRIS RD[MORRIS RD, WORCESTER TWP (MONTGOMERY)	Yes	WARNING (TRAFFIC STOP)
PA 2026-599668	2026-599668	May-12-2026	03:53:45	OVRMTR(OVERDUE MOTORIST CC)	OVRMTR(OVERDUE MOTORIST CC)	123 BRINDLE CT, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-600731	2026-600731	May-12-2026	08:03:06	CY104 (CHILDLINE)	SEEOF(SEE OFFICER GO)	1005 KRIEBEL MILL RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-604037	2026-604037	May-12-2026	17:47:11	MVCNR (MVC - NON-REPORTABLE)	MVCNR (MVC - NON-REPORTABLE)	MORRIS RD / N WALES RD, WORCESTER TWP (MONTGOMERY)	Yes	TRACS CRASH REPORT
PA 2026-604111	2026-604111	May-12-2026	18:05:07	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	2800 BLOCK SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-604258	2026-604258	May-12-2026	18:45:17	MVCNR (MVC - NON-REPORTABLE)	MVCNR (MVC - NON-REPORTABLE)	2266 N WALES RD, WORCESTER TWP (MONTGOMERY)	Yes	TRACS CRASH REPORT
PA 2026-606605	2026-606605	May-13-2026	09:13:18	ORGCRI(ORGANIZED CRIME)	ORGCRI(ORGANIZED CRIME)	2001 CEDARS HILL RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE



# PENNSYLVANIA STATE POLICE

## CAD Call Print Synopsis

Call #	Report #	Call Date	Time	Initial Call Type	Final Call Type	Location	Founded	Cleared By
PA 2026-607093	2026-607093	May-13-2026	10:42:43	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	265 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-608022	2026-608022	May-13-2026	13:52:48	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	267 I476 S, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-608240	2026-608240	May-13-2026	14:33:01	SEEOFC(SEE OFFICER GO)	DC (DISORDERLY CONDUCT)	936 HERITAGE DR, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-608603	2026-608603	May-13-2026	15:33:11	TROTH (TRAFFIC VIOLATION - OTHER CC)	TROTH (TRAFFIC VIOLATION - OTHER CC)	2659 BEAN RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-610574	2026-610574	May-14-2026	06:32:32	MVCHR (MVC - HIT AND RUN, NO INJURIES)	MVCHR (MVC - HIT AND RUN, NO INJURIES)	2750 MORRIS RD, WORCESTER TWP (MONTGOMERY)	Yes	TRACS CRASH REPORT
PA 2026-611864	2026-611864	May-14-2026	10:25:55	INFORM(POLICE INFORMATION CC)	INFORM(POLICE INFORMATION CC)	931 N TROOPER RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-611869	2026-611869	May-14-2026	10:30:28	MOTCAS(MOTOR CARRIER SAFETY CC)	MOTCAS(MOTOR CARRIER SAFETY CC)	BERKS RD / APPLEWOOD DR, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-613971	2026-613971	May-14-2026	17:55:51	DOAU (DEATH - UNKNOWN)	DOAN (DEATH - NATURAL)	1789 HAWKS NEST LN, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-616665	2026-616665	May-15-2026	10:56:55	ALARMB(ALARM - BURGLAR)	CANCEL(CANCELLED BY COMPLAINANT X)	2103 DEEP MEADOW LN, WORCESTER TWP (MONTGOMERY)	Yes	CANCELLED
PA 2026-619757	2026-619757	May-16-2026	00:13:15	MVCUNK(MVC - UNKNOWN INJURIES)	MVCDA (MVC - DUI - ALCOHOL)	SKIPPACK PIKE / N WHITEHALL RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-620181	2026-620181	May-16-2026	05:20:13	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	3300 BLOCK SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-620193	2026-620193	May-16-2026	05:44:49	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	2600 BLOCK SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-621690	2026-621690	May-16-2026	12:27:38	MVCI (MVC - INJURIES)	MVCI (MVC - INJURIES)	BUSTARD RD / SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	TRACS CRASH REPORT
PA 2026-622722	2026-622722	May-16-2026	17:02:07	DOM (DOMESTIC - INACTIVE)	DOMO (DOMESTIC - OTHER GO)	104 MEADOW VIEW LN, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-622852	2026-622852	May-16-2026	17:45:04	DOM (DOMESTIC - INACTIVE)	DOMO (DOMESTIC - OTHER GO)	65 BRISTOL CT, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-623831	2026-623831	May-16-2026	22:51:00	WELCK (WELFARE CHECK GO)	PATCHK(PATROL CHECK CC)	VALLEY FORGE RD / DEFFORD RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-624304	2026-624304	May-17-2026	02:05:31	MVCUNK(MVC - UNKNOWN INJURIES)	MVCI (MVC - INJURIES)	270 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	TRACS CRASH REPORT
PA 2026-625934	2026-625934	May-17-2026	12:37:57	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	262 I476 S, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-627302	2026-627302	May-17-2026	19:09:54	MVCNR (MVC - NON-REPORTABLE)	MVCNR (MVC - NON-REPORTABLE)	W GERMANTOWN PIKE / N TROOPER RD, WORCESTER TWP (MONTGOMERY)	Yes	TRACS CRASH REPORT



# PENNSYLVANIA STATE POLICE

## CAD Call Print Synopsis

Call #	Report #	Call Date	Time	Initial Call Type	Final Call Type	Location	Founded	Cleared By
PA 2026-627667	2026-627667	May-17-2026	21:13:37	BANKA (ALARM - FINANCIAL INSTITUTION/BANK)	ALRMF (ALARM FALSE FAULT CC)	3009 W GERMANTOWN PIKE [AMBLER SAVINGS BANK, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-629225	2026-629225	May-18-2026	08:19:15	MVCUNK(MVC - UNKNOWN INJURIES)	MVCNR (MVC - NON-REPORTABLE)	SKIPPACK PIKE / HOLLOW RD, WORCESTER TWP (MONTGOMERY)	Yes	TRACS CRASH REPORT
PA 2026-631432	2026-631432	May-18-2026	16:23:52	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	2600 BLOCK SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-631543	2026-631543	May-18-2026	16:46:39	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	1800 BLOCK N WHITEHALL RD, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-632147	2026-632147	May-18-2026	19:36:34	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	270 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-632183	2026-632183	May-18-2026	19:39:15	DOM (DOMESTIC - INACTIVE)	SEEOF(SEE OFFICER GO)	65 BRISTOL CT, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-632797	2026-632797	May-19-2026	00:25:55	ALARMB(ALARM - BURGLAR)	ALRMNF(ALARM FALSE NO FAULT CC)	1005 KRIEBEL MILL RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-633071	2026-633071	May-19-2026	05:27:16	DIST (DISTURBANCE/NOISE COMPLAINT GO)	DIST (DISTURBANCE/NOISE COMPLAINT GO)	1110 MERRYBROOK RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-635342	2026-635342	May-19-2026	11:54:44	SEEOF(SEE OFFICER GO)	PATCHK(PATROL CHECK CC)	65 BRISTOL CT, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-636618	2026-636618	May-19-2026	16:08:21	MVCI (MVC - INJURIES)	MVCI (MVC - INJURIES)	255 I476 S, WORCESTER TWP (MONTGOMERY)	Yes	TRACS CRASH REPORT
PA 2026-637174	2026-637174	May-19-2026	18:09:05	SEEOF(SEE OFFICER GO)	PATCHK(PATROL CHECK CC)	3355 STUMP HALL RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-638372	2026-638372	May-20-2026	05:11:17	ILNZN (INTERSTATE HIGHWAY - CLEAR LINE ZONE CC)	ILNZN (INTERSTATE HIGHWAY - CLEAR LINE ZONE CC)	254 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-639310	2026-639310	May-20-2026	08:19:06	DSCHHW(DOMESTIC SECURITY CHECK - HOUSE OF WORSHIP CC)	DSCHHW(DOMESTIC SECURITY CHECK - HOUSE OF WORSHIP CC)	WATER STREET RD / QUARRY HALL RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-640274	2026-640274	May-20-2026	11:13:03	DISMT (DISABLED MOTORIST ON ROAD CC)	DISM (DISABLED MOTORIST CC)	903 N TROOPER RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-641584	2026-641584	May-20-2026	16:02:29	ALARMB(ALARM - BURGLAR)	ALRMNF(ALARM FALSE NO FAULT CC)	3320 FISHER RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-642073	2026-642073	May-20-2026	18:03:04	ROAD (ROAD HAZARD - ANIMAL - DEBRIS CC)	ROAD (ROAD HAZARD - ANIMAL - DEBRIS CC)	2083 BUSTARD RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-642471	2026-642471	May-20-2026	20:05:17	ALARMB(ALARM - BURGLAR)	ALRMNF(ALARM FALSE NO FAULT CC)	2029 HOLLIS RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL



# PENNSYLVANIA STATE POLICE

## CAD Call Print Synopsis

Call #	Report #	Call Date	Time	Initial Call Type	Final Call Type	Location	Founded	Cleared By
PA 2026-644084	2026-644084	May-21-2026	08:10:32	DOM (DOMESTIC - INACTIVE)	DOMO (DOMESTIC - OTHER GO)	1203 OAK CIR, WORCESTER TWP (MONTGOMERY)	Yes	PAPER REPORT
PA 2026-644394	2026-644394	May-21-2026	09:18:39	RAPDGO(REQUEST ASSIST - LOCAL PD GO)	RAPDGO(REQUEST ASSIST - LOCAL PD GO)	269 CENTER POINT LN, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-646103	2026-646103	May-21-2026	15:59:48	MVCSB (MVC - SCHOOL BUS, NO INJURIES)	MVCDNR(MVC - DUI - NON-REPORTABLE)	SKIPPACK PIKE / BETHEL RD, WORCESTER TWP (MONTGOMERY)	Yes	TRACS CRASH REPORT
PA 2026-646139	2026-646139	May-21-2026	16:07:20	WELCK (WELFARE CHECK GO)	WELCK (WELFARE CHECK GO)	12 - 3 W ADAIR DR, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-646297	2026-646297	May-21-2026	16:52:58	MVCNR (MVC - NON-REPORTABLE)	MVCNR (MVC - NON-REPORTABLE)	1436 VALLEY FORGE RD, WORCESTER TWP (MONTGOMERY)	Yes	TRACS CRASH REPORT
PA 2026-646560	2026-646560	May-21-2026	18:09:21	SUSPV (SUSPICIOUS VEHICLE GO)	SEEOFCS(SEE OFFICER GO)	2016 CEDARS HILL RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-646939	2026-646939	May-21-2026	20:42:19	DOM (DOMESTIC - INACTIVE)	HARASS (HARASSMENT - COMM - STALK - OTHER)	1421 N TROOPER RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-647143	2026-647143	May-21-2026	22:03:20	SEEOFCS(SEE OFFICER GO)	SEEOFCS(SEE OFFICER GO)	2960 W GERMANTOWN PIKE, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-647683	2026-647683	May-22-2026	02:57:53	SUSPV (SUSPICIOUS VEHICLE GO)	TRADAP(TRAF VIOL- DUI DRUG & ALCOHOL W/DRUG POSS)	W GERMANTOWN PIKE / VALLEY FORGE RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-647793	2026-647793	May-22-2026	05:08:20	ALARMB(ALARM - BURGLAR)	ALRMF (ALARM FALSE FAULT CC)	1408 REINER RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-649048	2026-649048	May-22-2026	07:59:40	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	272 I476 S, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-649305	2026-649305	May-22-2026	08:15:56	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	271 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-649496	2026-649496	May-22-2026	08:30:36	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	800 BLOCK MORRIS RD, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-649756	2026-649756	May-22-2026	08:47:55	MVCNR (MVC - NON-REPORTABLE)	MVCNR (MVC - NON-REPORTABLE)	3001 W GERMANTOWN PIKE, WORCESTER TWP (MONTGOMERY)	Yes	TRACS CRASH REPORT
PA 2026-650066	2026-650066	May-22-2026	09:15:47	TOWVEH(TOWED VEHICLE GO)	TOWVEH(TOWED VEHICLE GO)	264 I476 S, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-651000	2026-651000	May-22-2026	10:28:01	RAOGO (REQUEST ASSIST - OTHER AGENCY GO)	RAOGO (REQUEST ASSIST - OTHER AGENCY GO)	1421 N TROOPER RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-651582	2026-651582	May-22-2026	11:14:14	WELCK (WELFARE CHECK GO)	WELCK (WELFARE CHECK GO)	69 BRISTOL CT, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE



# PENNSYLVANIA STATE POLICE

## CAD Call Print Synopsis

Call #	Report #	Call Date	Time	Initial Call Type	Final Call Type	Location	Founded	Cleared By
PA 2026-653149	2026-653149	May-22-2026	13:27:22	PFAO (PFA ORDER SERVICE CC)	PFAO (PFA ORDER SERVICE CC)	1421 N TROOPER RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-653836	2026-653836	May-22-2026	14:29:36	CY104 (CHILDLINE)	ASALRE(ASSAULT - ENDANGERING RECKLESS/WELFARE)	1421 N TROOPER RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-654767	2026-654767	May-22-2026	15:43:40	ISTAT (INTERSTATE HIGHWAY - STATIONARY PATROL CC)	ISTAT (INTERSTATE HIGHWAY - STATIONARY PATROL CC)	271 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-656474	2026-656474	May-22-2026	18:20:56	DOMA (DOMESTIC - IN PROGRESS)	HARASS (HARASSMENT - COMM - STALK - OTHER)	1421 N TROOPER RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-656807	2026-656807	May-22-2026	19:03:49	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	274 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-657172	2026-657172	May-22-2026	19:48:55	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	256 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-657869	2026-657869	May-22-2026	21:41:01	ILNZN (INTERSTATE HIGHWAY - CLEAR LINE ZONE CC)	ILNZN (INTERSTATE HIGHWAY - CLEAR LINE ZONE CC)	276 I476 S, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-659206	2026-659206	May-23-2026	05:56:08	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	1400 BLK VALLEY FORGE RD[VALLEY FORGE RD, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-659285	2026-659285	May-23-2026	06:29:36	DSCHK (DOMESTIC SECURITY CHECK CC)	DSCHK (DOMESTIC SECURITY CHECK CC)	VALLEY FORGE RD / HICKORY HILL RD [HEEBNER PARK, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-660315	2026-660315	May-23-2026	09:53:35	ILNZN (INTERSTATE HIGHWAY - CLEAR LINE ZONE CC)	ILNZN (INTERSTATE HIGHWAY - CLEAR LINE ZONE CC)	275 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-662158	2026-662158	May-23-2026	14:22:10	CMR (CRIMINAL MISCHIEF)	CMR (CRIMINAL MISCHIEF)	1716 VALLEY FORGE RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-669310	2026-669310	May-24-2026	12:21:49	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	258 I476 S, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-671777	2026-671777	May-24-2026	16:16:20	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	267 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-672486	2026-672486	May-24-2026	17:26:51	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	266 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	WARNING (TRAFFIC STOP)
PA 2026-673885	2026-673885	May-24-2026	21:29:45	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	2900 BLOCK SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	WARNING (TRAFFIC STOP)
PA 2026-674041	2026-674041	May-24-2026	22:02:50	SEEOF(SEE OFFICER GO)	SEEOF(SEE OFFICER GO)	3209 HOGARTH LN, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-674205	2026-674205	May-24-2026	23:00:07	PATCHK(PATROL CHECK CC)	PATCHK(PATROL CHECK CC)	HOGARTH LN / HOLLOW RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-679682	2026-679682	May-25-2026	15:32:41	DOGLAW(DOG LAW VIOLATION)	SEEOF(SEE OFFICER GO)	2650 MORRIS RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE



# PENNSYLVANIA STATE POLICE

## CAD Call Print Synopsis

Call #	Report #	Call Date	Time	Initial Call Type	Final Call Type	Location	Founded	Cleared By
PA 2026-680735	2026-680735	May-25-2026	17:18:25	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	2900 BLOCK SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-681156	2026-681156	May-25-2026	18:12:32	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	2900 BLOCK SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	WARNING (TRAFFIC STOP)
PA 2026-681301	2026-681301	May-25-2026	18:32:33	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	2900 BLOCK SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	WARNING (TRAFFIC STOP)
PA 2026-685614	2026-685614	May-26-2026	13:06:08	THEFT (THEFT)	THEFT (THEFT)	1854 N WHITEHALL RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-686892	2026-686892	May-26-2026	17:27:35	911 (911 HANG UP CALL GO)	911 (911 HANG UP CALL GO)	258 I476 S, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-687837	2026-687837	May-26-2026	22:43:55	ILNZN (INTERSTATE HIGHWAY - CLEAR LINE ZONE CC)	ILNZN (INTERSTATE HIGHWAY - CLEAR LINE ZONE CC)	273 I476 S, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-689230	2026-689230	May-27-2026	08:23:59	WELCK (WELFARE CHECK GO)	WELCK (WELFARE CHECK GO)	2 - 2953 W GERMANTOWN PIKE, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-690966	2026-690966	May-27-2026	14:49:59	DISMT (DISABLED MOTORIST ON ROAD CC)	DISM (DISABLED MOTORIST CC)	VALLEY FORGE RD / W GERMANTOWN PIKE, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-691504	2026-691504	May-27-2026	16:33:28	MVCHR (MVC - HIT AND RUN, NO INJURIES)	MVCNR (MVC - NON-REPORTABLE)	S VALLEY FORGE RD / SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	TRACS CRASH REPORT
PA 2026-692337	2026-692337	May-27-2026	20:13:49	WELCK (WELFARE CHECK GO)	WELCK (WELFARE CHECK GO)	12 W ADAIR DR, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-692935	2026-692935	May-27-2026	23:56:01	ILNZN (INTERSTATE HIGHWAY - CLEAR LINE ZONE CC)	ILNZN (INTERSTATE HIGHWAY - CLEAR LINE ZONE CC)	264 I476 S, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-694066	2026-694066	May-28-2026	08:01:26	ILNZN (INTERSTATE HIGHWAY - CLEAR LINE ZONE CC)	ILNZN (INTERSTATE HIGHWAY - CLEAR LINE ZONE CC)	269 I476 S, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-694428	2026-694428	May-28-2026	09:10:23	DRUGF (DRUG - FOUND INCL. PARAPHERNALIA)	DRUGP (DRUG - POSSESSION)	1005 KRIEBEL MILL RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-694565	2026-694565	May-28-2026	09:41:09	SEEOFCS(SEE OFFICER GO)	SEEOFCS(SEE OFFICER GO)	2629 SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-694675	2026-694675	May-28-2026	09:59:53	DIST (DISTURBANCE/NOISE COMPLAINT GO)	DIST (DISTURBANCE/NOISE COMPLAINT GO)	2236 BERKS RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-697835	2026-697835	May-28-2026	23:22:17	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	267 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-699266	2026-699266	May-29-2026	08:42:10	FOUND (FOUND ITEM GO)	CANCEL(CANCELLED BY COMPLAINANT X)	3205 SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	CANCELLED



# PENNSYLVANIA STATE POLICE

## CAD Call Print Synopsis

Call #	Report #	Call Date	Time	Initial Call Type	Final Call Type	Location	Founded	Cleared By
PA 2026-699808	2026-699808	May-29-2026	10:54:43	ROAD (ROAD HAZARD - ANIMAL - DEBRIS CC)	CANCEL(CANCELLED BY COMPLAINANT X)	GREEN HILL RD / SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	CANCELLED
PA 2026-699820	2026-699820	May-29-2026	10:58:17	DISM (DISABLED MOTORIST CC)	DISM (DISABLED MOTORIST CC)	271 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-700887	2026-700887	May-29-2026	15:13:55	THEFTF(THEFT - FRAUD/FORGERY)	REFER (REFER TO OTHER AGENCY - PD R)	3001 W GERMANTOWN PIKE [SUNOCO, WORCESTER TWP (MONTGOMERY)	Yes	REFER
PA 2026-700912	2026-700912	May-29-2026	15:18:11	911 (911 HANG UP CALL GO)	911 (911 HANG UP CALL GO)	LOCUST DR / SUNNY AYRE DR, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-701374	2026-701374	May-29-2026	17:14:12	DISMT (DISABLED MOTORIST ON ROAD CC)	DISM (DISABLED MOTORIST CC)	2160 BUSTARD RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-702627	2026-702627	May-29-2026	23:18:55	TS (TRAFFIC STOP CC)	TRADUI(TRAF VIOL-DUI ALCOHOL)	2200 BLOCK S VALLEY FORGE RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-703213	2026-703213	May-30-2026	02:44:14	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	3200 BLOCK SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	WARNING (TRAFFIC STOP)
PA 2026-703237	2026-703237	May-30-2026	02:56:55	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	SKIPPACK PIKE / VALLEY FORGE RD, WORCESTER TWP (MONTGOMERY)	Yes	WARNING (TRAFFIC STOP)
PA 2026-704024	2026-704024	May-30-2026	09:02:37	INFORM(POLICE INFORMATION CC)	INFORM(POLICE INFORMATION CC)	2615 SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-704210	2026-704210	May-30-2026	09:52:42	WELCK (WELFARE CHECK GO)	WELCK (WELFARE CHECK GO)	3 - 2953 W GERMANTOWN PIKE, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-704272	2026-704272	May-30-2026	10:24:07	ALARMB(ALARM - BURGLAR)	ALRMF (ALARM FALSE FAULT CC)	2111 S VALLEY FORGE RD, WORCESTER TWP (MONTGOMERY)	Yes	CLOSED CAD CALL
PA 2026-706604	2026-706604	May-30-2026	21:02:13	RAPDGO(REQUEST ASSIST - LOCAL PD GO)	RAPDGO(REQUEST ASSIST - LOCAL PD GO)	2931 HICKORY HILL RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-706624	2026-706624	May-30-2026	21:07:07	ABNVEH(ABANDONED VEHICLE GO)	SEEOFC(SEE OFFICER GO)	3112 SKIPPACK PIKE, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-707309	2026-707309	May-31-2026	00:59:48	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	255 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-708384	2026-708384	May-31-2026	09:19:08	911 (911 HANG UP CALL GO)	911 (911 HANG UP CALL GO)	107 JASPER CT, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-708910	2026-708910	May-31-2026	12:19:49	DOMA (DOMESTIC - IN PROGRESS)	DOMO (DOMESTIC - OTHER GO)	1640 SHEFLEY LN, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-709804	2026-709804	May-31-2026	16:08:40	SEEOFC(SEE OFFICER GO)	SEEOFC(SEE OFFICER GO)	1895 CASSEL RD, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE
PA 2026-710258	2026-710258	May-31-2026	18:01:13	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	270 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION



# PENNSYLVANIA STATE POLICE

## CAD Call Print Synopsis

Call #	Report #	Call Date	Time	Initial Call Type	Final Call Type	Location	Founded	Cleared By
PA 2026-710391	2026-710391	May-31-2026	18:53:08	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	261 I476 N, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-710450	2026-710450	May-31-2026	19:15:01	TS (TRAFFIC STOP CC)	TS (TRAFFIC STOP CC)	265 I476 S, WORCESTER TWP (MONTGOMERY)	Yes	TRAFFIC CITATION
PA 2026-710991	2026-710991	May-31-2026	22:28:20	DIST (DISTURBANCE/NOISE COMPLAINT GO)	DIST (DISTURBANCE/NOISE COMPLAINT GO)	2847 CONESTOGA LN, WORCESTER TWP (MONTGOMERY)	Yes	GENERAL OFFENSE

**Skippack  
Emergency  
Medical  
Services, Inc.**

4058 Mensch Rd  
P.O. Box 59  
Skippack, PA 19474

Business 610.454.9665  
Fax 610.454.9666



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**Skippack EMS  
May 2026 Calls  
Worcester Township**

Calls dispatched	56
Transported	27
Refusals	6
Recall (by caller)	1
No services *	4
Fire	1
Covered by other squads (SEMS crews on other calls)	14
Lift assist	1
Class 5	1

\*Includes: accidental/false alarm for medical alert alarm, no patient found, deceased or police matters

**SKIPPACK EMERGENCY  
MEDICAL SERVICES, INC.**

**FINANCIAL STATEMENTS  
AND  
INDEPENDENT ACCOUNTANT'S  
REVIEW REPORT**

**DECEMBER 31, 2025**

## TABLE OF CONTENTS

	<u>PAGE</u>
INDEPENDENT ACCOUNTANT'S REVIEW REPORT	1
STATEMENT OF ASSETS, LIABILITIES AND NET ASSETS	2
STATEMENT OF REVENUES, EXPENSES AND CHANGE IN NET ASSETS	3
STATEMENT OF FUNCTIONAL EXPENSES	4
STATEMENT OF CASH FLOWS	5
NOTES TO FINANCIAL STATEMENTS	6 - 8

**EDWARD M. ROBERTS, CPA  
& ASSOCIATES, P.C.**  
CERTIFIED PUBLIC ACCOUNTANTS

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EDWARD M. ROBERTS, CPA  
EDWARD MURRY ROBERTS, CPA

OFFICE (215) 256-6100  
FAX (215) 256-1650

Board of Trustees of  
Skippack Emergency Medical Services, Inc.  
Skippack, PA

INDEPENDENT ACCOUNTANT'S REVIEW REPORT

We have reviewed the accompanying balance sheet of Skippack Emergency Medical Services, Inc. as of December 31, 2025 and the related statements of revenues, expenses, and change in net assets, the statement of functional expenses, as well as the statement of cash flows for the year then ended. A review includes primarily applying analytical procedures to management's financial data and making inquiries of the organization's management. A review is substantially less in scope than an audit, the objective of which is the expression of an opinion regarding the financial statements as a whole. Accordingly, we do not express such an opinion.

**Management's Responsibility for the Financial Statements**

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of the financial statements that are free from material misstatement whether due to fraud or error.

**Accountant's Responsibility**

Our responsibility is to conduct the review in accordance with Statements on Standards for Accounting and Review Services promulgated by the Accounting and Review Services Committee of the American Institute of Certified Public Accountants. Those standards require us to perform procedures to obtain limited assurance as a basis for reporting whether we are aware of any material modifications that should be made to the financial statements for them to be in accordance with accounting principles generally accepted in the United States of America. We believe that the results of our procedures provide a reasonable basis for our report.

**Accountant's Conclusion**

Based on our reviews we are not aware of any material modifications that should be made to the accompanying financial statements in order for them to be in conformity with accounting principles generally accepted in the United States of America.



Edward M. Roberts, CPA and Associates, P.C.  
Montgomeryville, PA  
May 1, 2026

SKIPPACK EMERGENCY MEDICAL SERVICES, INC.  
STATEMENT OF ASSETS, LIABILITIES, AND NET ASSETS  
AS OF DECEMBER 31, 2025

ASSETS

Current Assets

Cash and Cash Equivalents		\$ 715,794
Accounts Receivable-Service Calls	\$ 1,528,680	
Less Allowance for Uncollectible Accounts	564,850	963,830
Accrued Interest Receivable		3,920
Prepaid Insurance		19,398
Total Current Assets		1,702,942

Property and Equipment

Vehicles	802,908	
Equipment and Furniture	748,762	
Building and Improvements	834,569	
Land	75,000	
Total Property and Equipment	2,461,239	
Less Accumulated Depreciation	1,786,534	674,705

Other Assets

Intangible Costs	1,775	
Less Accumulated Amortization		
Total Other Assets	1,775	-

TOTAL ASSETS 2,377,647

LIABILITIES AND NET ASSETS

Current Liabilities

Accounts Payable	\$ 14,025	
Accrued Expenses	2,271	
Note Payable - Current Portion	70,903	
Total Current Liabilities		87,199

Long Term Liabilities

Note Payable - Long Term Portion		113,610
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TOTAL LIABILITIES 200,809

NET ASSETS - UNRESTRICTED 2,176,838

TOTAL LIABILITIES AND NET ASSETS \$ 2,377,647

See accompanying independent accountant's review report.

SKIPPACK EMERGENCY MEDICAL SERVICES, INC.  
STATEMENT OF REVENUES, EXPENSES AND CHANGE IN NET ASSETS  
FOR THE YEAR ENDED DECEMBER 31, 2025

SUPPORT AND REVENUE:

Donations:	
Skippack Township	\$ 245,296
Perkiomen Township	37,700
Trappe Borough	35,000
Worcester Township	53,775
General Public	196,704
Grants	20,006
Service Calls	1,997,966
Other Revenue	6,905
	2,593,352
Less Allowance and Bad Debt Write Offs	564,850
TOTAL SUPPORT AND REVENUE	2,028,502

EXPENSES (see statement of functional expenses)

Program Services:	
Medical Services	1,530,268
Building Operations	54,795
Total Program Services	1,585,063
Support Services:	
Management and General	107,916
Total Support Services	107,916
TOTAL EXPENSES	1,692,979

OTHER INCOME AND (EXPENSES)

Interest and Dividends	15,866
TOTAL OTHER INCOME	15,866
Change in Net Assets	351,389
NET ASSETS - JANUARY 1, 2025	1,825,449
NET ASSETS - DECEMBER 31, 2025	\$ 2,176,838

See accompanying independent accountant's review report.

SKIPPACK EMERGENCY MEDICAL SERVICES, INC.  
STATEMENT OF FUNCTIONAL EXPENSES  
FOR THE YEAR ENDED DECEMBER 31, 2025

	<u>Medical</u> <u>Services</u>	<u>Building</u> <u>Operations</u>	<u>Program</u> <u>Expense</u> <u>Total</u>	<u>Management</u> <u>and General</u> <u>Expense</u>	<u>Totals</u>
Administrative and Miscellaneous	\$ -	\$ -	\$ -	\$ 19,242	\$ 19,242
Bank Service Charges	-	-	-	494	494
Billing and Collection	-	-	-	57,636	57,636
Computer and Software Maintenance	-	-	-	309	309
Depreciation	66,547	23,916	90,463	-	90,463
Employee Benefits	56,568	-	56,568	-	56,568
Fund Drive	-	-	-	9,676	9,676
Insurance	62,237	6,915	69,152	-	69,152
Interest	4,528	-	4,528	-	4,528
Medical Supplies	51,031	-	51,031	-	51,031
Postage and Box Rental	-	-	-	3,685	3,685
Professional Fees, Payroll Processing, and Credit Card Fees	-	-	-	14,042	14,042
Payroll Taxes	89,805	-	89,805	-	89,805
Pension Expenses	1,171	-	1,171	-	1,171
Repairs and Maintenance - Building	-	6,494	6,494	-	6,494
Salaries	1,114,635	-	1,114,635	-	1,114,635
Telephone	8,497	-	8,497	2,832	11,329
Trash and Janitorial	1,284	1,284	2,568	-	2,568
Training and Supplies	565	-	565	-	565
Uniforms and Protective Gear	2,808	-	2,808	-	2,808
Utilities	-	16,186	16,186	-	16,186
Vehicle Fuel	56,474	-	56,474	-	56,474
Vehicle Maintenance	14,118	-	14,118	-	14,118
 TOTAL EXPENDITURES	 <u>\$ 1,530,268</u>	 <u>\$ 54,795</u>	 <u>\$ 1,585,063</u>	 <u>\$ 107,916</u>	 <u>\$ 1,692,979</u>

See accompanying independent accountant's review report.

SKIPPACK EMERGENCY MEDICAL SERVICES, INC.  
STATEMENT OF CASH FLOWS  
FOR THE YEAR ENDED DECEMBER 31, 2025

CASH FLOWS FROM OPERATING ACTIVITIES	
Change in Net Assets	\$ 351,389
Adjustments:	
Depreciation and Amortization	<u>90,463</u>
	441,852
(Increase) Decrease in:	
Trade Accounts Receivable (net)	(222,277)
Prepaid Expenses	(5,141)
Accrued Interest Receivable	(3,920)
Increase (Decrease) in:	
Accrued Expenses	(208)
Accounts Payable	<u>(1,058)</u>
Net Cash Provided (Used) by Operating Activities	<u>209,248</u>
CASH FLOWS FROM INVESTING ACTIVITIES	
Purchase of Property and Equipment	<u>(362,128)</u>
Net Cash Provided (Used) by Investing Activities	<u>(362,128)</u>
CASH FLOWS FROM FINANCING ACTIVITIES	
Principle Repayments	(39,442)
Proceeds from New Loans	<u>214,110</u>
Net Cash Provided (Used) by Financing Activities	<u>174,668</u>
NET INCREASE (DECREASE) IN CASH	21,788
CASH AND CASH EQUIVALENTS - BEGINNING OF YEAR	<u>694,006</u>
CASH AND CASH EQUIVALENTS - END OF YEAR	<u><u>\$ 715,794</u></u>
SUPPLEMENTAL CASH FLOW INFORMATION	
Cash Paid for:	
Interest	\$ 4,527
Taxes	0

See accompanying independent accountant's review report.

SKIPPACK EMERGENCY MEDICAL SERVICES, INC.  
NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2025

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

**BUSINESS ACTIVITY**

Skippack Emergency Medical Services, Inc. was organized on March 20, 1986 under the provision of the non-profit Corporation Law of Pennsylvania, P.L. 1063 approved November 15, 1972 as admended. The Organization was organized on a non-stock basis and its term of existence is perpetual, and will provide ambulance, emergency medical and first aid services and obtain and manage financial and other contributions for those purposes.

**SUPPORT AND REVENUE**

Support through contributions and pledges is recorded when received and is considered available for unrestricted use unless specifically restricted by the donor. Revenue from services rendered is recorded at the time the service is provided.

Donated material, equipment and other assets are recorded as contributions and reflected at their estimated value. The value of these donations for the year ended December 31, 2025 was \$0.

**PROPERTY AND EQUIPMENT**

Property and equipment are carried at cost less allowance for accumulated depreciation. Depreciation is determined using the straight-line method at rates expected to amortize the cost of depreciable equipment over estimate useful lives of 3 to 39 years.

**CASH AND CASH EQUIVALENTS**

For purposes of the statement of cash flows, the organization considers all short-term debt securities purchased with a maturity of twelve months or less to be cash equivalents.

**USE OF ESTIMATES**

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reported period. Actual results could differ from those estimates.

SKIPPACK EMERGENCY MEDICAL SERVICES, INC.  
 NOTES TO FINANCIAL STATEMENTS  
 DECEMBER 31, 2025

NOTE 2 - ACCOUNTS RECEIVABLE

The organization charges income with doubtful accounts when they are considered uncollectable using the allowance for doubtful accounts method. Management has reviewed the reserve and have adjusted it to \$564,850. Management considers this adequate. Write offs and adjustments are recognized once the accounts receivable balances are determined to be uncollectable.

The aging of the accounts receivable is estimated as follows:

<u>Days</u>	<u>Amount</u>
0-30	\$ 242,777
31-60	185,529
61-90	168,214
Over 90	<u>932,160</u>
	1,528,680
Less allowance for doubtful acc	<u>(564,850)</u>
Accounts Receivable	<u>\$ 963,830</u>

NOTE 3 - LOANS PAYABLE

Loans payable at December 31, 2025 consisted of the following:

A term loan in the amount of \$38,333 was obtained for a vehicle in May of 2020. The payments are \$596 per month over a 84 month period with an interest rate of 3.7%. The loan is secured by the vehicle. The balance of the loan at December 31, 2025 was \$6,896.

A term loan in the amount of \$142,000 was obtained from Skippack Township in July of 2025 to partially finance a new Ambulance. The payments are \$2489 over a 60 month period with an interest rate of 2%. The loan is secured by general assets of the organization. The balance of the loan at December 31, 2025 was \$128,430.

A term loan in the amount of \$72,110 was obtained in May of 2025 to purchase equipment. The payments are \$3,230 over a 24 month period with an interest rate of 7%. The loan is secured by the equipment. The balance of the loan at December 31, 2025 was \$49,187.

SKIPPACK EMERGENCY MEDICAL SERVICES, INC.  
NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2025

NOTE 3 (continued) - LOANS PAYABLE

The Maturity of the debt is as follows:

2026	\$ 70,903
2027	40,838
2028	28,674
2029	29,252
2030	14,846
	<u>\$ 184,513</u>

NOTE 4 - INCOME TAXES

No provision for income taxes is necessary since recognition for exemption from federal income taxes under Internal Revenue Service Code Section 501(c) 3 has been approved.

NOTE 5 - OPEN TAX YEARS

Open Tax Years - The determination of the Company's financial reporting requires significant judgement, the use of estimates, and the interpretation and application of complex tax laws. Significant judgement is required in assessing the timing and amounts of deductible and taxable items and the probability of sustaining uncertain tax positions. The benefit of uncertain tax positions are recorded in the Company's financial statements only after determining a more-likely-than-not probability that the uncertain tax positions will withstand challenge, if any, from tax authorities. When facts and circumstances change, the Company reassesses these probabilities and records any changes in the financial statements as appropriate.

In accordance with GAAP, the Company is required to determine whether a tax position is more likely than not to be sustained upon examination by the applicable taxing authority, including resolution of any related appeals or litigation processes, based on the technical merits of the position. The Company files an income tax return in the U.S. federal jurisdiction and may file income tax returns in various U.S. states and foreign jurisdictions. The tax benefit recognized is measured as largest amount of benefit that has greater than fifty percent likelihood of being realized upon ultimate settlement. The company may be subject to random audits by taxing jurisdictions; however there are no audits for any periods in process. The Company believes it is no longer subject to income tax examinations for years ending before December 31, 2023.

## Public Works Department Report

May 2026

### 1) Road Maintenance

- A. Cleared inlets and drains throughout the Township
- B. Filled potholes throughout the Township
- C. Adding stone to roadway edge erosion areas
- D. Intersection visibility pruning
- E. General ROW cleanup
- F. 2026 Road Program awarded to JDM Materials
- G. Guiderail and control box trimming

### 2) Storm Maintenance

- A. No maintenance required due to storm events in May

### 3) Parks

- A. Twice weekly cleaning of restrooms, emptying trash receptacles, and stocking dog bags
- B. Removal of dead trees on Township properties/parks
- C. Mowing Township properties
- D. Weed control on Township properties
- E. Baseball/softball infield maintenance
- F. Turf repairs at both Heebner Park and Nike Park

### 4) Vehicle Maintenance

- A. Performed weekly maintenance of all Township vehicles
- B. 64-77 Tire
- C. 64-74 Inspection
- D. 64-64 Front wheel replacement
- E. Took delivery of 64-74 (International HV507)
- F. 64-71 Electrical issue (Warranty)

### 5) Miscellaneous

- A. Setting up and cleaning of Community Hall for rentals and Township events
- B. Nike Compost facility open to residents twice weekly
- C. Primary Election at Community Hall

**TOWNSHIP OF WORCESTER  
MONTGOMERY COUNTY, PENNSYLVANIA**

**RESOLUTION 2026-11**

**A RESOLUTION TO GRANT PRELIMINARY APPROVAL OF  
THE PRELIMINARY LAND DEVELOPMENT PLANS FOR CITY VIEW**

**WHEREAS**, BT Worcester, LLC ("Applicant") has submitted a Plan of land development to Worcester Township and has made application for Preliminary Plan Approval of the Plan known as Preliminary Land Development Plans for City View. The Applicant is the owner of a 13.92-gross acre parcel situate at 2974 Germantown Pike in Worcester Township, in the C - Commercial Zoning District and Multi-Residential Use Overlay District, said parcel being Tax Parcel No. 67-00-01606-00-1, as more fully described in the Deed recorded in the Montgomery County Recorder of Deeds Office; and,

**WHEREAS**, the Applicant proposes two (2) four-story apartment buildings on the existing 13.92-acre (gross) parcel. Building I will contain 80 units while Building II will contain 64 units for a total of 144 apartment units (the "Development"); and

**WHEREAS**, said plan received a recommendation for Preliminary Plan Approval by the Worcester Township Planning Commission at their meeting on April 23, 2026; and

**WHEREAS**, the Preliminary Land Development Plan consists of fifty-one (51) sheets, prepared by T & M Engineers, dated January 27, 2022, and last revised March 20, 2026, known as City View (the "Plan(s)" or "Preliminary Plan"); and

**WHEREAS**, the Preliminary Plan is now in a form suitable for Preliminary Plan Approval by the Worcester Township Board of Supervisors, subject to certain conditions.

**NOW, THEREFORE, IN CONSIDERATION OF THE FOREGOING,**

**IT IS HEREBY RESOLVED** by the Board of Supervisors of Worcester Township, as follows:

1. **Approval of Plan.** The Preliminary Plan proposed by T & M Engineers as described above is hereby granted Preliminary Approval, subject to the conditions set forth below.
2. **Conditions of Approval.** The approval of the Preliminary Plan is subject to strict compliance with the following conditions:
  - A. Compliance with all comments and conditions set forth in the ARRO Consulting, Inc., letter of February 20, 2026, relative to the Sewage Planning Module, and any review letters related to future amendments of the plan to the reasonable satisfaction of the Township Engineer.
  - B. Compliance with all comments and conditions set forth in the ARRO Consulting, Inc., letter of April 17, 2026, relative to the Plan, and any review letters related to future amendments of the plan to the reasonable satisfaction of the Township Engineer.
  - C. Compliance with all comments and conditions set forth in the Bowman Consulting Group letter of February 5, 2026, and any review letters related to future amendments of the plan to the reasonable satisfaction of the Township Traffic Engineer.
  - D. Compliance with all comments and conditions set forth in the Fire Marshal review dated April 16, 2026, and any review letters related to future amendments of the plan to the reasonable satisfaction of the fire marshal.
  - E. Compliance with all comments and conditions set forth in the Montgomery County Planning Commission review letter of April 22, 2026, and any review letters related to future amendments of the plan to the reasonable satisfaction of Montgomery County Planning Commission.
  - F. Payment to the Township of a Traffic Impact Fee, in the total amount of \$171,875.00, prior to recording the Final Plan and before the time of building permit issuance.
  - G. Prior to recording the Final Plan, Applicant shall purchase 72 EDUs at \$3,200.00 per EDU, with a total amount due of \$230,400.00.

- H. The approval and/or receipt of permits required from any and all outside agencies, including but not limited to, Montgomery County Conservation District, Pennsylvania Department of Environmental Protection, Pennsylvania Department of Transportation, Pennsylvania American Water Company, Montgomery County, the receipt of will-serve letters from all applicable utilities, and all other authorities, agencies, and duly constituted public bodies having jurisdiction in any way over the development.
- I. Prior to recording the Final Plan, Applicant shall enter into a Land Development and Financial Security Agreement ("Agreement") with the Township. The Agreement shall be in a form satisfactory to the Township Solicitor, and the Applicant shall obligate itself to complete all of the improvements shown on the Plans in accordance with applicable Township criteria and specifications, as well as to secure the completion of the public improvements by posting financial security as required by the Pennsylvania Municipalities Planning Code, and in form satisfactory to the Township Solicitor.
- J. Applicant agrees to provide Township with estimated costs for financial security and establish financial security for all public improvements, to the satisfaction of the Township Engineer, prior to Final Plan recording and issuance of any building, grading or other permits. Applicant shall provide financial security, as required by the Township for all work that falls under their responsibility per the approved Plan.
- K. The Applicant shall obtain a demolition permit prior to the demolition of any structures.
- L. Following approval of the Final Plan, the Applicant shall provide to the Township for signature that number of Final Plans required for recording and filing with the various Departments of Montgomery County, plus an additional three (3) Plans to be retained by the Township, and the Applicant shall have all Plans recorded, and the Applicant return the three (3) Plans to the Township within seven (7) days of Plan recording.

- M. The Applicant shall provide a copy of the recorded Final Plan in an electronic format acceptable to the Township Engineer, within seven (7) days of Plan recording.
- N. The Applicant shall make payment of all outstanding review fees and other charges due to the Township prior to Final Plan recording.
- O. The Development shall be constructed in strict accordance with the content of the Final Plan, notes on the Plan and the terms and conditions of this Resolution and the Resolution of Final Plan Approval.
- P. The cost of accomplishing, satisfying and meeting all of the terms and conditions and requirements of the Plans, notes to the Plans, this Resolution, the Final Approval Resolution, and any required agreements shall be borne entirely by the Applicant, and shall be at no cost to the Township.
- Q. Applicant shall provide the Township Manager and the Township Engineer with at least seventy-two (72) hour notice prior to the initiation of any grading or ground clearing, whether for the construction of public improvements or in connection with any portion of the Development.
- R. Applicant understands that it will not be granted Township building or grading permits until the Final Plan, financial security, and all appropriate development and financial security agreements, easements, and other required legal documents are approved by the Township and recorded with the Montgomery County Recorder of Deeds and all appropriate approvals and/or permits from Township or other agencies for the above mentioned project are received. Any work performed on this project without the proper permits, approvals, and agreements in place will be stopped.
- S. Applicant shall execute a Stormwater Management BMP Operations and Maintenance Agreement and Declaration of Stormwater Easement in favor of the Township, satisfactory to the Township Solicitor, which shall be recorded simultaneously with the Plan.

T. Easements in form satisfactory to the Township Solicitor and Engineer for streambank stabilization on TMP 67-004-058 shall be recorded prior to or contemporaneously with the recording of the Final Plan.

3. **Waivers**. Unless stated otherwise in this Resolution, this Preliminary Plan Approval shall not constitute the granting of any additional waivers or deferrals except as set forth herein. All additional requested waivers and deferrals will be considered at the time of Final Plan Approval. If the Final Plan is not compliant with the Zoning or Subdivision and Land Development Ordinance of the Township, then this approval does not grant permission for said noncompliance because at the time of Final Plan Approval, the Township will either permit the noncompliance by additional waivers or will deny the additional waiver request and, possibly, deny the Final Plan.

The Worcester Township Board of Supervisors hereby grants the following waivers requested with respect to this Plan:

- A. § 129-18.H(4) of the Worcester Township Subdivision and Land Development Ordinance - which requires all stormwater design storms with the exception of the one-year design storm to dewater from stormwater management facilities within 12 hours after the storm has ended;
- B. § 129-18.G.6 of the Worcester Township Subdivision and Land Development Ordinance - which prohibits grading within 5 feet from the adjacent property;
- C. § 129-18.H.10 of the Worcester Township Subdivision and Land Development Ordinance - which requires basin bottoms to maintain a minimum of a 2% slope. The Applicant is requesting that the detention basin be installed at 0% slope with basin plantings, however the landscape plan does not show any plantings inside of the basin;
- D. § 130-16.C.1 of the Worcester Township Subdivision and Land Development Ordinance - which requires all streets to be classified as marginal access. The Applicant is requesting North Park Avenue to have a varying width

with the minimum of a 32-foot cartway and maximum 50-foot cartway;

- E. § 130-18.A of the Worcester Township Subdivision and Land Development Ordinance - Sidewalks - 1) Is which requires sidewalks along all streets excepting where, in the opinion of the Township Supervisors, they are unnecessary for public safety and convenience. 2) Sidewalks shall be located between the curb and right-of-way line five feet from the curblines.
4. **Acceptance.** The Conditions of Approval set forth in paragraph 2 above shall be accepted by the Applicant, in writing, within ten (10) days from the date of receipt of this Resolution.
5. **Effective Date.** This Resolution shall become effective on the date upon which the Conditions are accepted by the Applicant in writing.

**BE IT FURTHER RESOLVED** that the Plan shall be considered to have received Preliminary Plan Approval once staff appointed by the Worcester Township Board of Supervisors determines that any and all conditions attached to said approval have been resolved to the satisfaction of Township staff. This approval **DOES NOT** represent nor constitute Final Plan Approval. Any changes to the approved site Plan will require the submission of an amended site Plan for land development review by all Township review parties.

The terms and conditions of this Resolution shall run with the land and shall apply to any assignee, transferee, or other successor in interest in the Property or the development of the Project. This Resolution or a memorandum of this Resolution may be recorded against the Property by the Township, or a subdivided portion of the Property, at the Township's sole discretion, to which the then-current landowner of the Property shall be deemed to have consented to such recording. Regardless of whether this Resolution is recorded, the Township shall have the right to enforce any violations of the conditions of this Resolution as a violation of the Township's Subdivision and Land Development Ordinance and/or pursuant to Section 616.1 of the Pennsylvania Municipalities Planning Code.

**RESOLVED** and **ENACTED** this 17th day of June, 2026, by the Worcester Township Board of Supervisors.

**WORCESTER TOWNSHIP**

By: \_\_\_\_\_  
Lou Betz, Chair  
Board of Supervisors

Attest: \_\_\_\_\_  
Daniel DeMeno, Secretary

**ACCEPTANCE**

The undersigned states that he/she is authorized to execute this Acceptance on behalf of the Applicant and equitable owner of the property which is the subject matter of this Resolution, that he/she has reviewed the Conditions imposed by the Board of Supervisors in the foregoing Resolution and that he/she accepts the Conditions on behalf of the Applicant and the equitable owner and agrees to be bound thereto. This Acceptance is made subject to the penalties of 18 Pa. C.S.A. Section 4904 relating to unsworn falsifications to authorities.

**BT WORCESTER, LLC**

\_\_\_\_\_  
Date

By: \_\_\_\_\_

\_\_\_\_\_  
(PRINT NAME AND TITLE)



**TRANSMITTAL LETTER  
FOR SEWAGE FACILITIES PLANNING MODULE**

DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) USE ONLY				
DEP CODE # 1-46962-215-3J	CLIENT ID #	SITE ID #	APS ID #	AUTH. ID #

TO: Approving Agency (DEP or delegated local agency)  
PA DEP Southeast Region  
2 East Main Street  
Norristown, PA 19401-4915

Date \_\_\_\_\_

Dear Sir/Madam:

Attached please find a completed sewage facilities planning module prepared by Richard D. Longcoy \_\_\_\_\_  
(Name)  
Project Engineer / Ebert Engineering, Inc. \_\_\_\_\_ for City View Apartments \_\_\_\_\_  
(Title) (Name)  
a subdivision, commercial, or industrial facility located in Worcester Township \_\_\_\_\_  
Montgomery \_\_\_\_\_ County.  
(City, Borough, Township)

**Check one**

(i) The planning module, as prepared and submitted by the applicant, is approved by the municipality as a proposed  revision  supplement for new land development to its Official Sewage Facilities Plan (Official Plan), and is  adopted for submission to DEP  transmitted to the delegated LA for approval in accordance with the requirements of 25 Pa. Code Chapter 71 and the *Pennsylvania Sewage Facilities Act* (35 P.S. §750),

OR

(ii) The planning module will not be approved by the municipality as a proposed revision or supplement for new land development to its Official Plan because the project described therein is unacceptable for the reason(s) checked below:

**Check Boxes**

- Additional studies are being performed by or on behalf of this municipality which may have an effect on the planning module as prepared and submitted by the applicant. Attached hereto is the scope of services to be performed and the time schedule for completion of said studies.
- The planning module as submitted by the applicant fails to meet limitations imposed by other laws or ordinances, officially adopted comprehensive plans and/or environmental plans (e.g., zoning, land use, 25 Pa. Code Chapter 71). Specific reference or applicable segments of such laws or plans are attached hereto.
- Other (attach additional sheet giving specifics).

*Municipal Secretary: Indicate below by checking appropriate boxes which components are being transmitted to the approving agency.*

- Resolution of Adoption
- Module Completeness Checklist
- 2 Individual and Community Onlot Disposal of Sewage
- 3 Sewage Collection/Treatment Facilities
- 3s Small Flow Treatment Facilities
- 4A Municipal Planning Agency Review
- 4B County Planning Agency Review
- 4C County or Joint Health Department Review

Municipal Secretary (print)

Signature

Date

## RESOLUTION FOR PLAN REVISION FOR NEW LAND DEVELOPMENT

RESOLUTION OF THE (SUPERVISORS) (COMMISSIONERS) (COUNCILMEN) of Worcester  
(TOWNSHIP) (BOROUGH) (CITY), Montgomery COUNTY, PENNSYLVANIA (hereinafter "the municipality").

**WHEREAS** Section 5 of the Act of January 24, 1966, P.L. 1535, No. 537, known as the *Pennsylvania Sewage Facilities Act*, as Amended, and the rules and Regulations of the Pennsylvania Department of Environmental Protection (DEP) adopted thereunder, Chapter 71 of Title 25 of the Pennsylvania Code, require the municipality to adopt an Official Sewage Facilities Plan providing for sewage services adequate to prevent contamination of waters of the Commonwealth and/or environmental health hazards from sewage wastes, and to revise said plan whenever it is necessary to determine whether a proposed method of sewage disposal for a new land development conforms to a comprehensive program of pollution control and water quality management, and

**WHEREAS** BT Worcester, LLC has proposed the development of a parcel of land identified as  
land developer

City View APN #67-00-01606-001, and described in the attached Sewage Facilities Planning Module, and  
name of subdivision

proposes that such subdivision be served by: (check all that apply),  sewer tap-ins,  sewer extension,  new treatment facility,  individual onlot systems,  community onlot systems,  spray irrigation,  retaining tanks,  other, (please specify). Organic Upgrade to Berwick Place WWTP

**WHEREAS**, Worcester Township finds that the subdivision described in the attached  
municipality

Sewage Facilities Planning Module conforms to applicable sewage related zoning and other sewage related municipal ordinances and plans, and to a comprehensive program of pollution control and water quality management.

**NOW, THEREFORE, BE IT RESOLVED** that the (Supervisors) (Commissioners) (Councilmen) of the (Township) (Borough) (City) of Worcester hereby adopt and submit to DEP for its approval as a revision to the "Official Sewage Facilities Plan" of the municipality the above referenced Sewage Facilities Planning Module which is attached hereto.

I \_\_\_\_\_, Secretary, Worcester  
(Signature)

Township Board of Supervisors (Borough Council) (City Councilmen), hereby certify that the foregoing is a true copy of the Township (Borough) (City) Resolution # \_\_\_\_\_, adopted, \_\_\_\_\_, 20\_\_\_\_.

Municipal Address:

Worcester Township  
1721 Valley Forge Road, Box 767  
Worcester, PA 19490  
Telephone 610-584-1410

Seal of  
Governing Body

**G. PROPOSED WASTEWATER DISPOSAL FACILITIES** (See Section G of instructions)

Check all boxes that apply, and provide information on collection, conveyance and treatment facilities and EDU's served. This information will be used to determine consistency with Chapter 93 (relating to wastewater treatment requirements).

**1. COLLECTION SYSTEM**

a. Check appropriate box concerning collection system

- New collection system       Pump Station       Force Main  
 Grinder pump(s)       Extension to existing collection system       Expansion of existing facility

Clean Streams Law Permit Number 4697410

b. Answer questions below on collection system

Number of EDU's and proposed connections to be served by collection system. EDU's 72

Connections 2

Name of:

existing collection or conveyance system Berwick Place

owner Worcester Township

existing interceptor Heritage Village Pump Station

owner Worcester Township

**2. WASTEWATER TREATMENT FACILITY**

Check all boxes that apply, and provide information on collection, conveyance and treatment facilities and EDU's served. This information will be used to determine consistency with Chapter(s) 91 (relating to general provisions), 92 (relating to national Pollution Discharge Elimination System permitting, monitoring and compliance) and 93 (relating to water quality standards).

a. Check appropriate box and provide requested information concerning the treatment facility

- New facility       Existing facility       Upgrade of existing facility       Expansion of existing facility

Name of existing facility Berwick Place WWTP

NPDES Permit Number for existing facility PA0055671

Clean Streams Law Permit Number 4697410

Location of discharge point for a new facility. Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

b. The following certification statement must be completed and signed by the wastewater treatment facility permittee or their representative.

As an authorized representative of the permittee, I confirm that the Berwick Place WWTP  
(Name from above) sewage treatment facilities can accept sewage flows from this project without adversely affecting the facility's ability to achieve all applicable technology and water quality based effluent limits (see Section I) and conditions contained in the NPDES permit identified above.

Name of Permittee Agency, Authority, Municipality Worcester Township

Name of Responsible Agent Daniel DeMeno

Agent Signature \_\_\_\_\_ Date \_\_\_\_\_

(Also see Section I. 4.)

**J. CHAPTER 94 CONSISTENCY DETERMINATION** (See Section J of instructions)

Projects that propose the use of existing municipal collection, conveyance or wastewater treatment facilities, or the construction of collection and conveyance facilities to be served by existing municipal wastewater treatment facilities must be consistent with the requirements of Title 25, Chapter 94 (relating to Municipal Wasteload Management). If not previously included in Section F, include a general map showing the path of the sewage to the treatment facility. If more than one municipality or authority will be affected by the project, please obtain the information required in this section for each. Additional sheets may be attached for this purpose.

1. Project Flows 22,200 gpd
2. Total Sewage Flows to Facilities (pathway from point of origin through treatment plant)

When providing "treatment facilities" sewage flows, use Annual Average Daily Flow for "average" and Maximum Monthly Average Daily Flow for "peak" in all cases. For "peak flows" in "collection" and "conveyance" facilities, indicate whether these flows are "peak hourly flow" or "peak instantaneous flow" and how this figure was derived (i.e., metered, measured, estimated, etc.).

- a. Enter average and peak sewage flows for each proposed or existing facility as designed or permitted.
- b. Enter the average and peak sewage flows for the most restrictive sections of the existing sewage facilities.
- c. Enter the average and peak sewage flows, projected for 5 years (2 years for pump stations) through the most restrictive sections of the existing sewage facilities. Include existing, proposed (this project) and future project (other approved projects) flows.

To complete the table, refer to the instructions, Section J.

	a. Design and/or Permitted Capacity (gpd)		b. Present Flows (gpd)		c. Projected Flows in 5 years (gpd) (2 years for P.S.)	
	Average	Peak	Average	Peak	Average	Peak
<b>Collection</b>	148,506	594,025	20,000	60,000	44,600	73,800
<b>Conveyance</b>	53,740	161,280	20,000	60,000	44,600	73,800
<b>Treatment</b>	150,000	300,000	72,940	84,830	91,210	101,243

3. Collection and Conveyance Facilities

The questions below are to be answered by the sewer authority, municipality, or agency responsible for completing the Chapter 94 report for the collection and conveyance facilities. These questions should be answered in coordination with the latest Chapter 94 annual report and the above table. The individual(s) signing below must be legally authorized to make representation for the organization.

YES NO

- a.  YES  NO This project proposes sewer extensions or tap-ins. Will these actions create a hydraulic overload within five years on any existing collection or conveyance facilities that are part of the system?

If yes, this sewage facilities planning module will not be accepted for review by the municipality, delegated local agency and/or DEP until all inconsistencies with Chapter 94 are resolved or unless there is an approved Corrective Action Plan (CAP) granting an allocation for this project. A letter granting allocations to this project under the CAP must be attached to the module package.

If no, a representative of the sewer authority, municipality, or agency responsible for completing the Chapter 94 report for the collection and conveyance facilities must sign below to indicate that the collection and conveyance facilities have adequate capacity and are able to provide service to the proposed development in accordance with both §71.53(d)(3) and Chapter 94 requirements and that this proposal will not affect that status.

b. Collection System

Name of Agency, Authority, Municipality Worcester Township

Name of Responsible Agent Daniel DeMeno

Agent Signature \_\_\_\_\_ Date \_\_\_\_\_

**J. CHAPTER 94 CONSISTENCY DETERMINATION** (See Section J of instructions)

c. Conveyance System

Name of Agency, Authority, Municipality Worcester Township

Name of Responsible Agent Daniel DeMeno

Agent Signature \_\_\_\_\_

Date \_\_\_\_\_

4. Treatment Facility

The questions below are to be answered by a representative of the facility permittee in coordination with the information in the table and the latest Chapter 94 report. The individual signing below must be legally authorized to make representation for the organization.

YES NO

- a.   This project proposes the use of an existing wastewater treatment plant for the disposal of sewage. Will this action create a hydraulic or organic overload within 5 years at that facility?

\*PM proposes organic capacity upgrade

If yes, this planning module for sewage facilities will not be reviewed by the municipality, delegated local agency and/or DEP until this inconsistency with Chapter 94 is resolved or unless there is an approved CAP granting an allocation for this project. A letter granting allocations to this project under the CAP must be attached to the planning module.

If no, the treatment facility permittee must sign below to indicate that this facility has adequate treatment capacity and is able to provide wastewater treatment services for the proposed development in accordance with both §71.53(d)(3) and Chapter 94 requirements and that this proposal will not impact that status.

b. Name of Agency, Authority, Municipality Worcester Township

Name of Responsible Agent Daniel DeMeno

Agent Signature \_\_\_\_\_

Date \_\_\_\_\_

**K. TREATMENT AND DISPOSAL OPTIONS** (See Section K of instructions)

This section is for land development projects that propose construction of wastewater treatment facilities. Please note that, since these projects require permits issued by DEP, these projects may **NOT** receive final planning approval from a delegated local agency. Delegated local agencies must send these projects to DEP for final planning approval.

Check the appropriate box indicating the selected treatment and disposal option.

1. Spray irrigation (other than individual residential spray systems (IRSIS)) or other land application is proposed, and the information requested in Section K.1. of the planning module instructions are attached.
2. Recycle and reuse is proposed and the information requested in Section K-2 of the planning module instructions is attached.
3. A discharge to a dry stream channel is proposed, and the information requested in Section K.3. of the planning module instructions are attached.
4. A discharge to a perennial surface water body is proposed, and the information requested in Section K.4. of the planning module instructions are attached.

**L. PERMEABILITY TESTING** (See Section L of instructions)

- The information required in Section L of the instructions is attached.

**M. PRELIMINARY HYDROGEOLOGIC STUDY** (See Section M of instructions)



**TRANSMITTAL LETTER  
FOR SEWAGE FACILITIES PLANNING MODULE**

DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) USE ONLY				
DEP CODE # 1-46962-231-3J	CLIENT ID #	SITE ID #	APS ID #	AUTH. ID #

TO: Approving Agency (DEP or delegated local agency) Date \_\_\_\_\_  
 PA DEP Southeast Region  
 2 East Main Street  
 Norristown, PA 19401-4915

Dear Sir/Madam:

Attached please find a completed sewage facilities planning module prepared by Richard D. Longcoy (Name)  
Project Engineer / Ebert Engineering, Inc. (Title) for Trooper Ridge Development (Name)  
 a subdivision, ~~commercial~~ , or ~~industrial facility~~ located in Worcester Township  
Montgomery (City, Borough, Township) County.

**Check one**

(i) The planning module, as prepared and submitted by the applicant, is approved by the municipality as a proposed  revision  supplement for new land development to its Official Sewage Facilities Plan (Official Plan), and is  adopted for submission to DEP  transmitted to the delegated LA for approval in accordance with the requirements of 25 Pa. Code Chapter 71 and the *Pennsylvania Sewage Facilities Act* (35 P.S. §750),

OR

(ii) The planning module will not be approved by the municipality as a proposed revision or supplement for new land development to its Official Plan because the project described therein is unacceptable for the reason(s) checked below:

**Check Boxes**

- Additional studies are being performed by or on behalf of this municipality which may have an effect on the planning module as prepared and submitted by the applicant. Attached hereto is the scope of services to be performed and the time schedule for completion of said studies.
- The planning module as submitted by the applicant fails to meet limitations imposed by other laws or ordinances, officially adopted comprehensive plans and/or environmental plans (e.g., zoning, land use, 25 Pa. Code Chapter 71). Specific reference or applicable segments of such laws or plans are attached hereto.
- Other (attach additional sheet giving specifics).

*Municipal Secretary: Indicate below by checking appropriate boxes which components are being transmitted to the approving agency.*

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Resolution of Adoption                   | <input checked="" type="checkbox"/> 3 Sewage Collection/Treatment Facilities | <input checked="" type="checkbox"/> 4A Municipal Planning Agency Review         |
| <input checked="" type="checkbox"/> Module Completeness Checklist            | <input type="checkbox"/> 3s Small Flow Treatment Facilities                  | <input checked="" type="checkbox"/> 4B County Planning Agency Review            |
| <input type="checkbox"/> 2 Individual and Community Onlot Disposal of Sewage |  | <input checked="" type="checkbox"/> 4C County or Joint Health Department Review |

\_\_\_\_\_  
 Municipal Secretary (print) Signature Date



DEP Code No.  
1-46962-231-3J

## RESOLUTION FOR PLAN REVISION FOR NEW LAND DEVELOPMENT

RESOLUTION OF THE (SUPERVISORS) (~~COMMISSIONERS~~) (~~COUNCILMEN~~) of Worcester  
(TOWNSHIP) (~~BOROUGH~~) (~~CITY~~), Montgomery COUNTY, PENNSYLVANIA (hereinafter "the municipality").

**WHEREAS** Section 5 of the Act of January 24, 1966, P.L. 1535, No. 537, known as the *Pennsylvania Sewage Facilities Act*, as Amended, and the rules and Regulations of the Pennsylvania Department of Environmental Protection (DEP) adopted thereunder, Chapter 71 of Title 25 of the Pennsylvania Code, require the municipality to adopt an Official Sewage Facilities Plan providing for sewage services adequate to prevent contamination of waters of the Commonwealth and/or environmental health hazards from sewage wastes, and to revise said plan whenever it is necessary to determine whether a proposed method of sewage disposal for a new land development conforms to a comprehensive program of pollution control and water quality management, and

**WHEREAS** Westrum Development Group has proposed the development of a parcel of land identified as  
land developer

Trooper Ridge Development – APN #67-00-01540-004, and described in the attached Sewage Facilities Planning Module, and  
name of subdivision

proposes that such subdivision be served by: (check all that apply),  sewer tap-ins,  sewer extension,  new treatment facility,  individual onlot systems,  community onlot systems,  spray irrigation,  retaining tanks,  other, (please specify). \_\_\_\_\_

**WHEREAS**, Worcester Township finds that the subdivision described in the attached  
municipality

Sewage Facilities Planning Module conforms to applicable sewage related zoning and other sewage related municipal ordinances and plans, and to a comprehensive program of pollution control and water quality management.

**NOW, THEREFORE, BE IT RESOLVED** that the (Supervisors) (~~Commissioners~~) (~~Councilmen~~) of the (Township) (~~Borough~~) (~~City~~) of Worcester hereby adopt and submit to DEP for its approval as a revision to the "Official Sewage Facilities Plan" of the municipality the above referenced Sewage Facilities Planning Module which is attached hereto.

I \_\_\_\_\_, Secretary, Worcester  
(Signature)

Township Board of Supervisors (~~Borough Council~~) (~~City Councilmen~~), hereby certify that the foregoing is a true copy of the Township (~~Borough~~) (~~City~~) Resolution # \_\_\_\_\_, adopted, \_\_\_\_\_, 20\_\_\_\_.

Municipal Address:

Worcester Township

1721 Valley Forge Road, Box 767

Worcester, PA 19490

Telephone 610-584-1410

Seal of

Governing Body

**G. PROPOSED WASTEWATER DISPOSAL FACILITIES** (See Section G of instructions)

Check all boxes that apply, and provide information on collection, conveyance and treatment facilities and EDU's served. This information will be used to determine consistency with Chapter 93 (relating to wastewater treatment requirements).

**1. COLLECTION SYSTEM**

a. Check appropriate box concerning collection system

- New collection system     Pump Station     Force Main  
 Grinder pump(s)     Extension to existing collection system     Expansion of existing facility

Clean Streams Law Permit Number 4697410

b. Answer questions below on collection system

Number of EDU's and proposed connections to be served by collection system. EDU's 24

Connections 9

Name of:

existing collection or conveyance system Worcester Township Public Sanitary Sewer System

owner Worcester Township

existing interceptor Heritage Village Pump Station

owner Worcester Township

**2. WASTEWATER TREATMENT FACILITY**

Check all boxes that apply, and provide information on collection, conveyance and treatment facilities and EDU's served. This information will be used to determine consistency with Chapter(s) 91 (relating to general provisions), 92 (relating to national Pollution Discharge Elimination System permitting, monitoring and compliance) and 93 (relating to water quality standards).

a. Check appropriate box and provide requested information concerning the treatment facility

- New facility     Existing facility     Upgrade of existing facility     Expansion of existing facility

Name of existing facility Berwick Place WWTP

NPDES Permit Number for existing facility PA0055671

Clean Streams Law Permit Number 4697410

Location of discharge point for a new facility. Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

b. The following certification statement must be completed and signed by the wastewater treatment facility permittee or their representative.

As an authorized representative of the permittee, I confirm that the \_\_\_\_\_  
(Name from above) sewage treatment facilities can accept sewage flows from this project without adversely affecting the facility's ability to achieve all applicable technology and water quality based effluent limits (see Section I) and conditions contained in the NPDES permit identified above.

Name of Permittee Agency, Authority, Municipality Worcester Township

Name of Responsible Agent Dan DeMeno

Agent Signature \_\_\_\_\_ Date \_\_\_\_\_

(Also see Section I. 4.)

**J. CHAPTER 94 CONSISTENCY DETERMINATION** (See Section J of instructions)

Projects that propose the use of existing municipal collection, conveyance or wastewater treatment facilities, or the construction of collection and conveyance facilities to be served by existing municipal wastewater treatment facilities must be consistent with the requirements of Title 25, Chapter 94 (relating to Municipal Wasteload Management). If not previously included in Section F, include a general map showing the path of the sewage to the treatment facility. If more than one municipality or authority will be affected by the project, please obtain the information required in this section for each. Additional sheets may be attached for this purpose.

1. Project Flows 7,200 gpd
2. Total Sewage Flows to Facilities (pathway from point of origin through treatment plant)

When providing "treatment facilities" sewage flows, use Annual Average Daily Flow for "average" and Maximum Monthly Average Daily Flow for "peak" in all cases. For "peak flows" in "collection" and "conveyance" facilities, indicate whether these flows are "peak hourly flow" or "peak instantaneous flow" and how this figure was derived (i.e., metered, measured, estimated, etc.).

- a. Enter average and peak sewage flows for each proposed or existing facility as designed or permitted.
- b. Enter the average and peak sewage flows for the most restrictive sections of the existing sewage facilities.
- c. Enter the average and peak sewage flows, projected for 5 years (2 years for pump stations) through the most restrictive sections of the existing sewage facilities. Include existing, proposed (this project) and future project (other approved projects) flows.

To complete the table, refer to the instructions, Section J.

	a. Design and/or Permitted Capacity (gpd)		b. Present Flows (gpd)		c. Projected Flows in 5 years (gpd) (2 years for P.S.)	
	Average	Peak	Average	Peak	Average	Peak
<b>Collection</b>	150,000	450,000	11,000	33,000	40,080	120,150
<b>Conveyance</b>	81,600	244,800	11,000	33,000	40,080	120,150
<b>Treatment</b>	150,000	450,000	72,940	84,830	79,990	159,980

3. Collection and Conveyance Facilities

The questions below are to be answered by the sewer authority, municipality, or agency responsible for completing the Chapter 94 report for the collection and conveyance facilities. These questions should be answered in coordination with the latest Chapter 94 annual report and the above table. The individual(s) signing below must be legally authorized to make representation for the organization.

YES NO

- a.  YES  NO This project proposes sewer extensions or tap-ins. Will these actions create a hydraulic overload within five years on any existing collection or conveyance facilities that are part of the system?

If yes, this sewage facilities planning module will not be accepted for review by the municipality, delegated local agency and/or DEP until all inconsistencies with Chapter 94 are resolved or unless there is an approved Corrective Action Plan (CAP) granting an allocation for this project. A letter granting allocations to this project under the CAP must be attached to the module package.

If no, a representative of the sewer authority, municipality, or agency responsible for completing the Chapter 94 report for the collection and conveyance facilities must sign below to indicate that the collection and conveyance facilities have adequate capacity and are able to provide service to the proposed development in accordance with both §71.53(d)(3) and Chapter 94 requirements and that this proposal will not affect that status.

b. Collection System

Name of Agency, Authority, Municipality Worcester Township

Name of Responsible Agent Dan DeMeno

Agent Signature \_\_\_\_\_ Date \_\_\_\_\_

**J. CHAPTER 94 CONSISTENCY DETERMINATION** (See Section J of instructions)

c. Conveyance System

Name of Agency, Authority, Municipality Worcester Township

Name of Responsible Agent Dan DeMeno

Agent Signature \_\_\_\_\_

Date \_\_\_\_\_

4. Treatment Facility

The questions below are to be answered by a representative of the facility permittee in coordination with the information in the table and the latest Chapter 94 report. The individual signing below must be legally authorized to make representation for the organization.

YES NO

- a.   This project proposes the use of an existing wastewater treatment plant for the disposal of sewage. Will this action create a hydraulic or organic overload within 5 years at that facility?

\*PM proposes organic capacity upgrade

If yes, this planning module for sewage facilities will not be reviewed by the municipality, delegated local agency and/or DEP until this inconsistency with Chapter 94 is resolved or unless there is an approved CAP granting an allocation for this project. A letter granting allocations to this project under the CAP must be attached to the planning module.

If no, the treatment facility permittee must sign below to indicate that this facility has adequate treatment capacity and is able to provide wastewater treatment services for the proposed development in accordance with both §71.53(d)(3) and Chapter 94 requirements and that this proposal will not impact that status.

b. Name of Agency, Authority, Municipality Worcester Township

Name of Responsible Agent Dan DeMeno

Agent Signature \_\_\_\_\_

Date \_\_\_\_\_

**K. TREATMENT AND DISPOSAL OPTIONS** (See Section K of instructions)

This section is for land development projects that propose construction of wastewater treatment facilities. Please note that, since these projects require permits issued by DEP, these projects may **NOT** receive final planning approval from a delegated local agency. Delegated local agencies must send these projects to DEP for final planning approval.

Check the appropriate box indicating the selected treatment and disposal option.

- 1. Spray irrigation (other than individual residential spray systems (IRSIS)) or other land application is proposed, and the information requested in Section K.1. of the planning module instructions are attached.
- 2. Recycle and reuse is proposed and the information requested in Section K-2 of the planning module instructions is attached.
- 3. A discharge to a dry stream channel is proposed, and the information requested in Section K.3. of the planning module instructions are attached.
- 4. A discharge to a perennial surface water body is proposed, and the information requested in Section K.4. of the planning module instructions are attached.

**L. PERMEABILITY TESTING** (See Section L of instructions)

- The information required in Section L of the instructions is attached.

**M. PRELIMINARY HYDROGEOLOGIC STUDY** (See Section M of instructions)

**WORCESTER TOWNSHIP  
MONTGOMERY COUNTY**

**ORDINANCE NO. 304**

**AN ORDINANCE OF THE TOWNSHIP OF WORCESTER, MONTGOMERY COUNTY, PENNSYLVANIA, AMENDING CHAPTER 129 – STORMWATER MANAGEMENT TO COMPLY WITH THE TOWNSHIP’S NPDES PERMIT FOR STORMWATER DISCHARGES FROM THE MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4).**

**WHEREAS**, the Township of Worcester is a Township organized and operating in accordance with the laws of the Commonwealth of Pennsylvania; and

**WHEREAS**, the Township adopted Chapter 129 of the Township of Worcester Code, entitled “Stormwater Management”, to establish guidelines governing stormwater management within the Township; and

**WHEREAS**, the Township now desires to amend its Stormwater Ordinance, to comply with the requirements of the Township’s NPDES Permit for Stormwater Discharges from the Municipal Separate Storm Sewer System (MS4).

**WHEREAS**, the Township, after due consideration of the proposed ordinance at a duly advertised public meeting, has determined that the health, safety and general welfare of the citizens and residents of the Township will be served by the passing of this ordinance.

**NOW, THEREFORE**, be it, and it is hereby **ORDAINED** by the Board of Supervisors of Worcester Township, Montgomery County, Pennsylvania, and it is hereby **ENACTED** and **ORDAINED** by authority of same as follows:

**SECTION I.** Section 129-9: Modifications is amended to replace the existing text with the following:

§ 129-9. Modification.

The Worcester Township Board of Supervisors may grant a modification of the requirements of one or more provisions of this chapter if the literal enforcement will exact undue hardship because of peculiar conditions pertaining to the land in question, provided that such modification will not be contrary to the public interest and that the purpose and intent of this chapter is observed.

- A. Modification may be considered if an alternative standard or approach will provide equal or better achievement of the purpose of the Ordinance. A request for modifications shall be in writing and accompany the Stormwater Management Site Plan submission. The request shall provide the facts on which the request is based, the

provision(s) of the Ordinance involved and the proposed modification. Cost or financial burden shall not be considered a hardship.

- B. No waiver or modification of any regulated stormwater activity involving earth disturbance greater than or equal to one acre may be granted by the Municipality unless that action is approved in advance by the Department of Environmental Protection (DEP) or the delegated county conservation district.

**SECTION II.** Section 129-44.C is amended to replace the existing text with the following:

- C. Discharges which may be allowed under the Township's NPDES permit based on a finding by the Township that the discharge(s) do not significantly contribute to pollution to surface waters of the commonwealth by the Township are:
  - 1. Discharges or flows from firefighting activities.
  - 2. Discharges from potable water sources including water line flushing and fire hydrant flushing, if such discharges do not contain detectable concentrations of Total Residual Chlorine (TRC).
  - 3. Non-contaminated pumped ground water and water from foundation and footing drains and crawl space pumps.
  - 4. Non-contaminated irrigation water, water from lawn maintenance, landscape drainage and flows from riparian habitats and wetlands.
  - 5. Non-contaminated HVAC condensation and water from geothermal systems.
  - 6. Residential (i.e., not commercial) vehicle wash water where cleaning agents are not utilized.
  - 7. Springs.
  - 8. Diverted stream flows.
  - 9. Non-contaminated hydrostatic test water discharges, if such discharges do not contain detectable concentrations of TRC.

**SECTION III.** All ordinances or parts thereof inconsistent with the provisions of this Ordinance are hereby repealed to the extent of the inconsistency.

**SECTION IV.** The provisions of this Ordinance are declared to be severable. If any provision of this Ordinance is declared by a court of competent jurisdiction to be invalid or unconstitutional, such determination shall have no effect on the remaining provisions of this Ordinance or on the provisions of the Worcester Township Code.

**SECTION V.** This Ordinance shall be effective five (5) days following its legal enactment.

**ENACTED** and **ORDAINED** this 17th day of June 2026.

**ATTEST:**

**BOARD OF SUPERVISORS OF WORCESTER  
TOWNSHIP**

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairman

ARTICLE I  
**General Provisions**

**§ 129-1. Statement of findings.**

The Board of Supervisors of Worcester Township finds that:

- A. Inadequate management of accelerated stormwater runoff resulting from development throughout a watershed increases flood flows and velocities, contributes to erosion and sedimentation, degrades water quality, overtaxes the carrying capacity of existing streams and storm sewers, greatly increases the cost of public facilities to convey and manage stormwater, undermines floodplain management and flood reduction efforts in upstream and downstream communities, reduces groundwater recharge, and threatens public health and safety.
- B. A comprehensive program of stormwater management (SWM), including reasonable regulation of development and activities causing accelerated erosion, is fundamental to the public health, safety, welfare, and the protection of the people of the Township and all the people of the commonwealth, their resources, and the environment.
- C. Through project design, impacts from stormwater runoff can be minimized to maintain the natural hydrologic regime, and sustain high water quality, groundwater recharge, stream baseflow, and aquatic ecosystems. The most cost effective and environmentally advantageous way to manage stormwater runoff is through nonstructural project design, minimizing impervious surfaces and sprawl, avoiding sensitive areas (i.e., stream buffes, floodplains, steep slopes), and designing to topography and soils to maintain the natural hydrologic regime.
- D. Inadequate planning and management of 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 streambeds and streambanks thereby elevating sedimentation), destroying aquatic habitat and elevating aquatic pollutant concentrations and loadings such as sediments, nutrients, heavy metals and pathogens.
- E. The aforementioned impacts happen mainly through a decrease in natural infiltration of stormwater.
- F. Stormwater is an important water resource by providing groundwater recharge for water supplies and base flow of streams, which also protects and maintains surface water quality.
- G. Public education on the control of pollution from stormwater is an essential component in successfully addressing stormwater.
- H. Federal and State regulations require certain municipalities to implement a program of stormwater controls. These municipalities are required to obtain a federal permit for stormwater discharges from their separate storm sewer systems under the National Pollutant Discharge Elimination System (NPDES).
- I. Nonstormwater discharges to municipal separate storm sewer systems can contribute to pollution of waters of the commonwealth by the Township.

**§ 129-2. Purpose.**

The purpose of this comprehensive stormwater management ordinance is to promote health, safety, and welfare within Worcester Township by maintaining the natural hydrologic regime and by minimizing the harms and maximizing the benefits described in § 129-1 of this chapter through provisions designed to:

- A. Meet water quality requirements under state law, including regulations at 25 Pa. Code § 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.
- B. Promote nonstructural best management practices (BMP).
- C. Minimize increases in stormwater volume and control peak flow.
- D. Minimize impervious surfaces.
- E. Manage accelerated runoff and erosion and sedimentation problems at their source by regulating activities that cause these problems.
- F. Utilize and preserve the existing natural drainage systems.
- G. Maintain the predevelopment volume of groundwater recharge and prevent degradation of groundwater quality.
- H. Maintain the predevelopment peak and volume of stormwater runoff and prevent degradation of surface water quality.
- I. Minimize nonpoint source pollutant loadings to the ground and surface waters.
- J. Minimize impacts on stream temperatures.
- K. Maintain existing flows and quality of streams and watercourses in the Township and the commonwealth.
- L. Preserve and restore the flood-carrying capacity of streams.
- M. Provide proper operations and maintenance of all permanent stormwater management facilities and best management practices that are implemented in the Township.
- N. Provide performance standards and design criteria for watershed-wide stormwater management and planning.
- O. Provide review procedures, performance standards, and design criteria for stormwater planning and management.
- P. Manage stormwater impacts close to the runoff source, requiring a minimum of structures and relying on natural processes.
- Q. Infiltrate stormwater to maintain groundwater recharge, to prevent degradation of surface and groundwater quality, and to otherwise protect water resources.

- R. Prevent stream bank and streambed scour and erosion.
- S. Provide standards to meet National Pollution Discharge Elimination System (NPDES) permit requirements.
- T. Address certain requirements of the municipal separate stormwater sewer system (MS4) NPDES Phase II stormwater regulations.
- U. Implement an illicit discharge detection and elimination program to address nonstormwater discharges into the MS4.

### **§ 129-3. Statutory authority.**

The Township is empowered to regulate land use activities that affect runoff by the authority of the Act of October 4, 1978, P.L. 864 (Act 167), 32 P.S. § 680.1 et seq., as amended, the Storm Water Management Act; by the authority of Pennsylvania Municipalities Planning Code, Act 247 of 1968, as amended by Act 170 of 1988, as further amended by Act 209 of 1990 and Act 131 of 1992, 53 P.S. § 10101; and by the authority of the Pennsylvania Second-Class Township Code.<sup>1</sup>

### **§ 129-4. Applicability and regulated activities.**

- A. This chapter shall apply to all areas of the Township that are located within the Skippack Creek, Wissahickon Creek, and Stony Creek/Saw Mill Run Watersheds.
- B. All construction and development activities that may affect stormwater runoff, including land development and earth disturbance activity, are subject to regulation by this chapter.
- C. This chapter shall apply to temporary and permanent stormwater management facilities constructed as part of any of the regulated activities listed in this section. Stormwater management and erosion and sedimentation control during construction activities which are specifically not regulated by this chapter shall continue to be regulated under existing laws and ordinances.
- D. This chapter contains the stormwater management performance standards and design criteria that are necessary or desirable from a watershed-wide perspective. Stormwater management design criteria (e.g., inlet spacing, inlet type, collection system design and details, outlet structure design, etc.) shall continue to be regulated by applicable ordinances, where not specifically identified herein.
- E. The following activities are defined as "regulated activities" and shall be regulated by this chapter except as may be exempt from provisions of this chapter pursuant to § 129-5:
  - (1) Land development.
  - (2) Subdivision.
  - (3) Prohibited or polluted discharges.
  - (4) Alteration of the natural hydrologic regime.

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1. Editor's Note: See 53 P.S. § 65101 et seq.

- (5) Construction of new or additional impervious surfaces (e.g., driveways, parking lots, etc.) which cumulatively exceed 1,200 square feet in area since the date of adoption of this chapter.
  - (6) Construction of new buildings or additions to existing buildings which cumulatively exceed 1,200 square feet of impervious surface area since the date of adoption of this chapter.
  - (7) Redevelopment.
  - (8) Diversion piping or encroachments in any natural or man-made stream channel.
  - (9) Nonstructural and structural stormwater management best management practices (BMPs) or appurtenances thereto.
  - (10) Temporary storage of impervious or pervious material (rock, soil, etc.) where ground contact exceeds 5% of the lot area or 5,000 square feet (whichever is less), and where the material is placed on slopes exceeding 8%.
  - (11) Any activity requiring a grading and excavations permit pursuant to Township Ordinance 2011-229, as amended.<sup>2</sup>
- F. All regulated activities which result in earth disturbance shall comply with the requirements of the Worcester Township Grading and Excavations Ordinance No. 2011-229 (Chapter 81 of the Township Code), as amended.

#### **§ 129-5. Exemptions.**

- A. Exemption from any provision of this chapter shall not relieve the applicant from all other applicable requirements of this chapter, as identified herein.
- B. The following regulated activities, not proposed in conjunction with a subdivision or land development, are exempt from the requirements of this chapter (except where otherwise identified, herein):
  - (1) Installation of 1,200 square feet or less of cumulative impervious surface area since the date of adoption of this chapter.
  - (2) Use of land for gardening for home consumption.
  - (3) Agricultural activities when operated in accordance with a conservation plan, nutrient management plan, or erosion and sedimentation control plan approved by the Montgomery County Conservation District, including activities such as growing crops, rotating crops, tilling of soil, and grazing animals. Installation of new, or expansion of existing, farmsteads, animal housing, waste storage, production areas, or other areas having impervious surfaces shall be subject to the provisions of this chapter unless exempt pursuant to § 129-5.
  - (4) Forest management operations following the Department of Environmental Protection's

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2. Editor's Note: See Ch. 81, Grading and Excavation.

management practices contained in its publication "Soil Erosion and Sedimentation Control Guidelines for Forestry" and operating under an erosion and sedimentation control plan approved by the Montgomery County Conservation District and which have zoning approval from Worcester Township.

- (5) Public road replacement, replacement paving, repaving and/or maintenance, and roadway shoulder improvements. This includes shoulder improvements conducted within the existing roadway cross section of municipally owned roadways, provided said improvements do not result in the construction of a new lane of travel. However, if the shoulder improvements require an NPDES permit, the proposed work must comply with all the requirements of this chapter.
  - (6) Any aspect of BMP maintenance to an existing SWM system made in accordance with plans and specifications approved by the Township.
  - (7) Repair and reconstruction of on-lot sewage disposal systems where work is performed in accordance with a valid permit issued by Montgomery County Department of Health.
  - (8) Lots that are part of an approved subdivision containing overall subdivision stormwater management facilities, such as detention basins, rain gardens, etc., are exempt from additional individual lot controls if the total quantity of impervious surface area on the lot (existing plus proposed) is equal to or less than that quantity allocated to the lot, in the stormwater management design approved in conjunction with the subdivision.
  - (9) Construction or reconstruction of buildings or additions to existing buildings or other impervious surface (regulated activities) is exempt where the following conditions are met:
    - (a) An area of impervious surface is removed from the site so that upon completion of the regulated activity, the total increase of impervious surface area is 1,200 square feet or less.
    - (b) The area where existing impervious surface is removed pursuant to § 129-5B(9)(a) above must be restored with a minimum of six inches of topsoil and permanent vegetative groundcover.
  - (10) Grading and excavations permit applications (pursuant to Chapter 81 of the Worcester Township Code) where the addition of impervious surface area is 1,200 square feet or less.
  - (11) Lot line adjustment subdivisions are exempt when no increase in impervious surface is proposed.
  - (12) No exemption shall be provided for regulated activities as defined in § 129-4E(8) and (9) of this chapter.
- C. Any regulated activity in Worcester Township, not proposed in conjunction with a subdivision or land development, creating additional impervious surface area cumulatively in excess of 1,200 square feet (on the "parent tract") but less than or equal to 7,500 square feet as identified in Table 129-5.1, and satisfying the setback criteria identified in Table

129-5.2 below are exempt from the release rate requirements of this chapter but are required to submit a simplified stormwater management site plan, obtain a stormwater management permit (pursuant to Article IV of this chapter) and install an infiltration/volume control BMP in accordance with Worcester Township design and construction criteria to be provided by the Township at the time of permit application. This requirement shall apply to the total development even if development is to take place in phases. The starting point from which to consider tracts as "parent tracts" is the date of adoption of this chapter. All impervious surface area constructed after the date of adoption of this chapter shall be considered cumulatively. Impervious surface area existing on the parent tract prior to this date shall not be included in cumulative impervious surface area summation for determination of an exempt regulated activity. Any area designated to be gravel or crushed stone shall be considered impervious surface unless it is part of a designed BMP.

All applicants seeking an exemption of stormwater management requirements based upon criteria contained in § 129-5B and C, and that are required to install an infiltration/volume control BMP in accordance with the Worcester Township design and construction criteria shall, at a minimum, submit the documentation identified pursuant to § 129-23 of this chapter, to the Township for review and approval as a prerequisite to approval of a stormwater management permit and authorization to commence land disturbance activities. Regulated activities creating impervious surface area greater than the quantities referenced in Tables 129-5.1 and 129-5.2 are not exempt from the requirements of this chapter and shall submit a stormwater management site plan and permit application pursuant to Article IV of this chapter.

- (1) Regulated activities included within § 129-5C are exempt from certain provisions of this chapter where the cumulative amount of additional proposed impervious surface area and the location of the impervious surface area conform to the following tables, 129-5.1 and 129-5.2:

<b>Table 129-5.1</b>	
<b>Maximum Exempt Impervious Surface Area</b>	
<b>Total Parcel Area (acres)</b>	<b>Maximum Exempt Impervious Surface Area (square feet)</b>
Less than 0.50	1,200
0.50 to 1.0	2,500
Greater than 1.0 to 2.0	4,000
Greater than 2.0 to 5.0	5,000
Greater than 5.0	7,500

- (2) Maximum amount of impervious surface area permitted (pursuant to Table 129-5.1) within a setback (excluding driveway access), measured from the downslope property boundary, shall conform to the following table:

<b>Table 129-5.2</b>	
<b>Maximum Exempt Impervious Surface Area Permitted within the Setback</b>	
<b>Minimum Setback* (feet)</b>	<b>Maximum Exempt Impervious Surface Area Permitted Within the Setback (square feet)</b>
10	None permitted
20	1,000
50	2,500
100	4,000
200	5,000
500	7,500

## NOTES:

\* The "minimum setback" is defined as that distance between the downslope property boundary (where surface stormwater runoff from the regulated activity crosses that boundary) to the nearest point of the proposed impervious improvements, or the stormwater control structure discharge point, whichever is closer. Setback distances may be adjusted at the discretion of the Township Engineer based upon factors such as topography, surface flow path, soil conditions, and location of structures.

- (3) Projects meeting the exemption criteria established by Tables 129-5.1 and 129-5.2 shall provide an infiltration/volume control facility capable of storing the first two inches of rainfall generated by the increase in impervious area. The facility, including all necessary construction details and calculations shall be shown on the simplified stormwater management site plan. Tree planting may also be utilized toward volume control. See § 129-23 and Appendix E for plan requirements, examples of various standard facilities, and additional design criteria.

## D. Additional exemption criteria.

- (1) Exemption responsibilities. An exemption shall not relieve the applicant from implementing such measures as are necessary to protect the public health, safety, and property.
- (2) Drainage problems. Where drainage problems are documented or known to exist downstream of, or is expected from, the proposed activity, the Township may deny an exemption.
- (3) HQ and EV streams. An exemption or partial exemption shall not relieve the applicant from meeting special requirements for watersheds draining to high-quality (HQ) or exceptional-value (EV) waters.

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3. Editor's Note: Appendix E is included as an attachment to this chapter.

- E. All applicants seeking an exemption of stormwater management requirements based upon criteria contained in § 129-5C shall, at a minimum, submit documentation outlined in § 129-23 to the Township for review and approval of a stormwater management exemption and authorization to commence land disturbance activities.

#### **§ 129-6. Repealer.**

Any ordinance or ordinance provision of the Township inconsistent with any of the provisions of this chapter is hereby repealed to the extent of the inconsistency only.

#### **§ 129-7. Severability.**

Should any section or provision of this chapter be declared invalid by a court of competent jurisdiction, such decisions shall not affect the viability of any of the remaining provisions of this chapter.

#### **§ 129-8. Compatibility with other ordinance requirements.**

Approvals issued pursuant to this chapter do not relieve the applicant of the responsibility to secure required permits or approvals for activities regulated by any other applicable code, rule, act, or ordinance.

#### **§ 129-9. Modification.**

The Worcester Township Board of Supervisors may grant a modification of the requirements of one or more provisions of this chapter if the literal enforcement will exact undue hardship because of peculiar conditions pertaining to the land in question, provided that such modification will not be contrary to the public interest and that the purpose and intent of this chapter is observed.

- A. Modification may be considered if an alternative standard or approach will provide equal or better achievement of the purpose of the Ordinance. A request for modifications shall be in writing and accompany the Stormwater Management Site Plan submission. The request shall provide the facts on which the request is based, the provision(s) of the Ordinance involved and the proposed modification. Cost or financial burden shall not be considered a hardship.
- B. No waiver or modification of any regulated stormwater activity involving earth disturbance greater than or equal to one acre may be granted by the Municipality unless that action is approved in advance by the Department of Environmental Protection (DEP) or the delegated county conservation district.

**§ 129-10. 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 Township purporting to validate such a violation.



ARTICLE II  
**Definitions**

**§ 129-11. Definitions and word usage.**

A. For the purposes of this chapter, certain terms and words used herein shall be interpreted as follows:

- (1) 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.
- (2) 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.
- (3) The word "person" includes an individual, firm, association, organization, partnership, trust, company, corporation, or any other similar entity.
- (4) The words "shall" and "must" are mandatory; the words "may" and "should" are permissive.
- (5) The words "used" or "occupied" include the words "intended," "designed," "maintained," or "arranged to be used," "occupied" or "maintained."

B. As used in this chapter, the following terms shall have the meanings indicated:

**ACCELERATED EROSION** — The removal of the surface of the land through the combined action of man's activity and the natural processes of a rate greater than would occur because of the natural process alone.

**AGRICULTURAL ACTIVITIES** — Activities associated with agriculture such as agricultural cultivation, agricultural operation, and animal heavy use areas. This includes the work of producing crops including tillage, land clearing, plowing, disking, harrowing, planting, harvesting crops or pasturing and raising livestock and installation of conservation measures. Construction of new buildings or impervious area is not considered an agricultural activity.

**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; also the changing of surface conditions by causing the surface to be more or less impervious; land disturbance.

**APPLICANT** — A landowner or developer who has filed an application for approval to engage in any regulated activities as defined in § 129-4 of this chapter.

**AS-BUILT DRAWINGS (AS-BUILT PLAN)** — Drawings that are maintained during construction of the project and which document the actual locations of the site improvements. As-built plan must be prepared by a professional land surveyor, landscape architect, or professional engineer licensed in the Commonwealth of Pennsylvania.

**BANKFULL** — The channel at the top of bank or point where water begins to overflow onto a floodplain.

**BASE FLOW** — The portion of stream flow that is sustained by groundwater discharge.

**BIORETENTION** — A stormwater retention area which utilizes woody and herbaceous plants and soils to remove pollutants before infiltration occurs.

**BMP (BEST MANAGEMENT PRACTICE)** — Activities, facilities, designs, measures, or procedures used to manage stormwater impacts from regulated activities, to meet state water quality requirements, to promote groundwater recharge, and to otherwise meet the purposes of this chapter. Stormwater BMPs are commonly grouped into one of two broad categories or measures: structural or nonstructural. In this chapter, nonstructural BMPs or measures refer to operational and/or behavior-related practices that attempt to minimize the contact of pollutants with stormwater runoff whereas structural BMPs or measures are those that consist of a physical device or practice that is installed to capture and treat stormwater runoff. Structural BMPs include, but are not limited to, a wide variety of practices and devices, from large-scale retention ponds and constructed wetlands, to small-scale underground treatment systems, infiltration facilities, filter strips, low-impact design, bioretention, wet ponds, permeable paving, grassed swales, riparian or forested buffers, sand filters, detention basins, and manufactured devices. Structural stormwater BMPs are permanent appurtenances to the project site.

**BMP MANUAL** — Pennsylvania Stormwater Best Management Practices Manual, December 2006, as amended.

**CHANNEL** — An open drainage feature through which stormwater flows. Channels include but shall not be limited to natural and man-made watercourses, swales, streams, ditches, canals, and pipes that convey continuously or periodically flowing water.

**CHANNEL EROSION** — The widening, deepening, and headward cutting of channels and waterways due to erosion caused by moderate to large floods.

**CONSERVATION DISTRICT** — Montgomery County Conservation District.

**COUNTY** — Montgomery County.

**CULVERT** — A pipe, conduit, or similar structure including appurtenant works which conveys surface water under or through an embankment or fill.

**CURVE NUMBER (CN)** — Value used in the Soil Cover Complex Method. It is a measure of the percentage of precipitation which is expected to run off from the watershed and is a function of the soil, vegetative cover, and tillage method.

**DAM** — An artificial barrier, together with its appurtenant works, constructed for the purpose of impounding or storing water or another fluid or semifluid, or a refuse bank, fill or structure for highway, railroad, or other purposes which does or may impound water or another fluid or semifluid.

**DEPARTMENT** — The Pennsylvania Department of Environmental Protection.

**DESIGN PROFESSIONAL (QUALIFIED)** — A Pennsylvania registered professional engineer, registered landscape architect, or a registered professional land surveyor trained to develop stormwater management site plans on simplified stormwater management site plans.

**DESIGN STORM** — The magnitude and temporal distribution of precipitation from a storm event measured in probability of occurrence (e.g., fifty-year storm) and duration (e.g., 24 hours), used in the design and evaluation of stormwater management systems.

**DESIGNEE** — The agent of Worcester Township, Montgomery County, Montgomery County Conservation District and/or governing body involved with the administration,

review, or enforcement of any provisions of this chapter by contract or memorandum of understanding.

**DETENTION BASIN** — An impoundment structure designed to manage stormwater runoff by temporarily storing the runoff and releasing it at a predetermined rate. Detention basins are designed to drain completely soon after a rainfall event.

**DETENTION VOLUME** — The volume of runoff that is captured and released into the waters of the commonwealth at a controlled rate.

**DETENTION/RETENTION BASIN WATERSHED** — All land area whose surface runoff is captured by a detention and/or retention basin.

**DEVELOPER** — A person, partnership, association, corporation, or other entity, or any responsible person therein or agent thereof, that undertakes any regulated activity of this chapter.

**DEVELOPMENT** — Any man-made change to improved or unimproved real estate including, but not limited to, the construction or placement of buildings or other structures, mobile homes, streets and other paving, utilities, mining, dredging, filling, grading, excavation, or drilling operations, and the subdivision of land.

**DEVELOPMENT PLAN** — The provisions for development including a planned residential development, a plat of subdivision, all covenants relating to use, location and bulk of buildings and other structures, intensity of use or density of development, streets, ways and parking facilities, common open space and public facilities. The phrase "development plan" when used in this chapter shall mean the written and graphic materials referred to in this definition.

**DEVELOPMENT SITE** — The specific tract of land for which a regulated activity is proposed.

**DIFFUSED DRAINAGE DISCHARGE** — Drainage discharge not confined to a single point location or channel, such as sheet flow or shallow concentrated flow.

**DISCHARGE** —

- (1) (Verb) To release water from a project, site, aquifer, drainage basin or other point of interest;
- (2) (Noun) The rate and volume of flow of water such as in a stream, generally expressed in cubic feet per second (CFS).

**DISCONNECTED IMPERVIOUS AREA (DIA)** — An impervious surface that is disconnected from any stormwater drainage or conveyance system and is redirected or directed to a pervious area, which allows for infiltration, filtration, and increased time of concentration.

**DISTURBED AREA** — Unstabilized land area where an earth disturbance activity is occurring or has occurred.

**DOWNSLOPE PROPERTY LINE** — That portion of the property line of the lot, tract, or parcels of land being developed located such that all overland or pipe flow from the site would be directed toward it.

**DRAINAGE EASEMENT** — A right granted by a landowner to a grantee, allowing the use of private land for stormwater management purposes.

**EARTH DISTURBANCE** — A construction or other human activity which disturbs the surface of land, including, but not limited to, clearing and grubbing, grading, excavations, embankments, land development, agricultural plowing or tilling, timber harvesting activities, road maintenance activities, mineral extraction, and the moving, depositing, stockpiling or storing of soil, rock or earth materials.

**EMERGENCY SPILLWAY** — A conveyance area that is used to pass peak discharge greater than the maximum design storm controlled by the stormwater facility.

**ENCROACHMENT** — A structure or activity that changes, expands or diminishes the course, current or cross section of a watercourse, floodway or body of water.

**ENGINEER** — A licensed professional civil engineer registered by the Commonwealth of Pennsylvania.

**EROSION** — The movement of soil particles by the action of water, wind, ice, or other natural forces.

**EROSION AND SEDIMENTATION CONTROL PLAN** — A plan which is designed to minimize accelerated erosion and sedimentation.

**EXCEPTIONAL VALUE WATERS** — Surface waters of high quality which satisfy Pennsylvania Code Title 25 Environmental Protection, Chapter 93, Water Quality Standards, § 93.4b(b) (relating to antidegradation).

**EXISTING CONDITION** — The initial condition of a project site prior to the proposed construction. Farm field, disturbed earth, or undeveloped cover conditions of a site or portions of a site used for modeling purposes, shall be considered "meadow" unless the natural groundcover generates lower curve numbers or Rational "C" value, such as forested land. Existing man-made impervious surfaces shall be considered as "meadow" when developing "cover complex" calculations.

**EXISTING RECHARGE AREA** — Undisturbed surface area or depression where stormwater collects and a portion of which infiltrates and replenishes the groundwater.

**EXISTING RESOURCES AND SITE ANALYSIS MAP** — A base map which identifies fundamental environmental site information including floodplains, wetlands, topography, vegetative site features, natural areas, prime agricultural land and areas supportive of endangered species.

**FLOOD** — A general but temporary condition of partial or complete inundation of normally dry land areas from the overflow of streams, rivers, and other waters of this commonwealth.

**FLOODPLAIN** — Those areas of Worcester Township which are subject to the 100-year flood, as identified in the Flood Insurance Study (FIS) dated December 19, 1996, and the accompanying maps prepared for the Township by the Federal Emergency Management Agency (FEMA), or most recent revision thereof; and also those areas along streams, ponds, or lakes not identified within the Flood Insurance Study which are inundated by the 100-year reoccurrence internal flood.

**FLOODWAY** — The channel of the watercourse and those portions of the adjoining

floodplains that are reasonably required to carry and discharge the 100-year frequency flood. Unless otherwise specified, the boundary of the floodway is as indicated on maps and flood insurance studies provided by FEMA. In an area where no FEMA maps or studies have defined the boundary of the 100-year frequency floodway, it is assumed, absent evidence to the contrary, that the floodway extends from the stream to 50 feet from the top of the bank of the stream.

**FOREST MANAGEMENT/TIMBER OPERATIONS** — Planning and activities necessary for the management of forestland. These include timber inventory and preparation of forest management plans, silvicultural treatment, cutting budgets, logging road design and construction, timber harvesting, site preparation, and reforestation.

**FREEBOARD** — A vertical distance between the elevation of the design high-water and the top of a dam, levee, tank, basin, or diversion ridge. The space is required as a safety margin in a pond or basin.

**GRADE** —

- (1) (Noun) A slope usually of a street, other public way, land area, drainage facility or pipe specified in percent;
- (2) (Verb) To finish the surface of a road bed, top of embankment or bottom of excavation.

**GROUNDWATER** — Water beneath the earth's surface that supplies wells and springs, and is often between saturated soil and rock.

**GROUNDWATER RECHARGE** — Replenishment of natural underground water supplies.

**HEC-HMS** — The United States Army Corps of Engineers, Hydrologic Engineering Center (HEC) — Hydrologic Modeling System (HMS).

**HIGH-QUALITY WATERS** — Surface waters having quality which exceeds levels necessary to support propagation of fish, shellfish, and wildlife and recreation in and on the water by satisfying Pennsylvania Code Title 25 Environmental Protection, Chapter 93, Water Quality Standards, § 93.4b(a).

**HOT SPOT** — An area where land use or activity generates highly contaminated runoff, with concentrations of pollutants in excess of those typically found in stormwater. Typical pollutant loadings in stormwater may be found in Chapter 8, Section 6, of the Pennsylvania Stormwater Best Management Practices Manual, Pennsylvania Department of Environmental Protection (PADEP) No. 363-0300-002 (2006).

**HYDRIC SOIL** — A soil that is saturated, flooded, or ponded long enough during the growing season to develop anaerobic condition in the upper part.

**HYDROLOGIC REGIME (NATURAL)** — The hydrologic cycle or balance that sustains quality and quantity of stormwater, baseflow, storage, and groundwater supplies under the natural conditions.

**HYDROLOGIC SOIL GROUP** — A classification of soils by the Natural Resources Conservation Service, formerly the Soil Conservation Service, into four runoff potential groups. The groups range from A soils, which are very permeable and produce little runoff, to D soils, which are not very permeable and produce much more runoff.

**IMPERVIOUS SURFACE (IMPERVIOUS AREA)** — A surface that prevents the infiltration of water into the ground. Impervious surface area shall include, but not be limited to, buildings, parking areas, driveways, roads, and sidewalks. Any areas containing concrete, asphalt, compacted stone, compacted soils, or other equivalent surfaces shall be considered impervious. Decks that do not prevent infiltration shall not be considered as impervious surface. In addition, other areas determined by the Township Engineer to be impervious within the meaning of this definition shall be classified as impervious surface. Any area initially designated to be gravel or crushed stone shall be assumed to be impervious. Pervious paving, when designed above a stormwater storage/infiltration system may be considered as pervious surface as approved by the Township Engineer.

**IMPOUNDMENT** — A retention or detention basin designed to retain stormwater runoff and release it at a controlled rate.

**INFILTRATION** — Movement of surface water into the soil, where it is absorbed by plant roots, evaporated into the atmosphere or percolated downward to recharge groundwater.

**INFILTRATION STRUCTURE** — A structure designed to direct runoff into the ground (e.g., french drains, seepage pits, seepage trench, biofiltration swale).

**INLET** — A surface connection to a closed drain. A structure at the diversion end of a conduit. The upstream end of any structure through which water may flow.

**INVERT** — The inside bottom of a culvert or other conduit.

**LAND DEVELOPMENT** — Any of the following activities:

- (1) The improvement of one or two or more contiguous lots, tracts or parcels of land for any purpose involving:
  - (a) A group of two or more residential or nonresidential buildings, whether purposed initially or cumulatively, or a single nonresidential building on a lot or lots regardless of the number of occupants or tenure; or
  - (b) The division or allocation of land or space, whether initially or cumulatively, between or among two or more existing or prospective occupants by means of, or for the purpose of, streets, common areas, leaseholds, condominiums, building groups or other features.
- (2) A subdivision of land.
- (3) Land development does not include development which involves:
  - (a) The conversion of an existing single-family detached dwelling or single-family semidetached dwelling into not more than three residential units, unless such units are intended to be a condominium;
  - (b) The addition of a residential accessory building, including farm building, on a lot or lots subordinate to an existing principal building; or
  - (c) The addition or conversion of buildings or rides within the confines of an enterprise which would be considered an amusement park. For the purposes of this subsection, an "amusement park" is defined as a tract or area used principally as

a location for permanent amusement structures or rides. This exclusion shall not apply to newly acquired acreage by an amusement park until initial plans for the expanded area have been approved by the proper authorities.

**LAND/EARTH DISTURBANCE** — Any activity involving grading, tilling, digging, or filling of ground or stripping of vegetation or any other activity that causes an alteration to the natural condition of the land.

**LIMITING ZONE** — A soil horizon or condition in the soil profile or underlying strata which includes one of the following:

- (1) A seasonal high water table, whether perched or regional, determined by direct observation of the water table or indicated by soil mottling.
- (2) A rock with open joints, fracture or solution channels, or masses of loose rock fragments, including gravel, with insufficient fine soil to fill the voids between the fragments.
- (3) A rock formation, other stratum or soil condition which is so slowly permeable that it effectively limits downward passage of effluent.

**LOW-IMPACT DEVELOPMENT (LID) PRACTICES** — Practices that will minimize proposed conditions runoff rates and volumes, which will minimize the need for artificial conveyance and storage facilities.

**MANNING EQUATION (MANNING FORMULA)** — A method for calculation of velocity of flow (e.g., feet per second) and flow rate (e.g., cubic feet per second) in open channels based upon channel shape, roughness, depth of flow and slope. "Open channels" may include closed conduits so long as the flow is not under pressure.

**MS4 - MUNICIPAL SEPARATE STORM SEWER SYSTEM** — Pursuant to 40 CFR 122.26(b)(8), municipal separate storm sewer system is a conveyance of system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains):

- (1) Owned or operated by a state, city, town, township, county, parish, district, association, or other public body (created to or pursuant to state law) including special districts under state law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under Section 208 of the Clean Water Act that discharges into waters of the United States;
- (2) Designed or used for collecting or conveying stormwater;
- (3) Which is not a combined sewer; and
- (4) Which is not part of a publicly owned treatment works as defined at 40 CFR 122.2.

**NONPOINT SOURCE POLLUTION** — Pollution that enters a watery body from diffuse origins in the watershed and does not result from discernible, confined, or discrete conveyances.

**NONSTORMWATER DISCHARGE** — Water flowing in stormwater collection facilities,

such as pipes or swales, which is not the result of a rainfall event or snowmelt.

NPDES — National Pollution Discharge Elimination System, the federal government's system for issuance of permits under the Clean Water Act,<sup>4</sup> which is delegated to PADEP in Pennsylvania.

NRCS — Natural Resource Conservation Service (previously SCS).

OPEN CHANNEL — A drainage element in which stormwater flows with an open surface. Open channels include, but shall not be limited to, natural and man-made drainageways, swales, streams, ditches, canals, and pipes flowing partly full.

OUTFALL — "Point source" as described in 40 CFR 122.2 at the point where Worcester Township's storm sewer system discharges to surface waters of the commonwealth.

OUTLET — Points of water disposal from a stream, river, lake, tidewater or artificial drain.

PADEP — The Pennsylvania Department of Environmental Protection.

PARENT TRACT — The parcel of land from which a land development or subdivision originates as of the date of adoption of this chapter.

PEAK DISCHARGE — The maximum rate of stormwater runoff from a specific storm event.

PIPE — A culvert, closed conduit, or similar structure (including appurtenances) that conveys stormwater.

PLANNING COMMISSION — The Planning Commission of Worcester Township.

PMF (PROBABLE MAXIMUM FLOOD) — The flood that may be expected from the most severe combination of critical meteorological and hydrologic conditions that are reasonably possible in any area. The PMF is derived from the probable maximum precipitation (PMP) as determined on the basis of data obtained from the National Oceanographic and Atmospheric Administration (NOAA).

POINT SOURCE — Any discernible, confined and discrete conveyance, including, but not limited to, any pipe, ditch, channel, tunnel, or conduit from which stormwater is or may be discharged, as defined in state regulations at 25 Pa. Code § 92.1.<sup>5</sup>

POSTDEVELOPMENT — Period after construction during which disturbed areas are stabilized, stormwater controls are in place and functioning, and all improvements in the approved stormwater management plan are completed.

PRETREATMENT — Techniques employed in stormwater BMPs to provide storage or filtering to help trap coarse materials and other pollutants before they enter the system.

RATIONAL METHOD — A rainfall-runoff relation used to estimate peak flow.

RECHARGE AREA — Undisturbed surface area or depression where stormwater collects, and a portion of which infiltrates and replenishes the underground and groundwater.

RECHARGE VOLUME — A calculated volume of stormwater runoff from impervious

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4. Editor's Note: See 33 U.S.C. § 1251 et seq.

5. Editor's Note: Chapter 92 of Title 25 of the Pennsylvania Code was reserved 10-8-2010, effective 10-9-2010. It was replaced by Chapter 92a, National Pollutant Discharge Elimination System (NPDES) Permitting, Monitoring and Compliance.

areas which is required to be infiltrated at a site and may be achieved through use of structural or nonstructural BMPs.

**REGULATED ACTIVITIES** — Any activity to which this chapter is applicable pursuant to § 129-4.

**REGULATED EARTH DISTURBANCE ACTIVITY** — Activity involving earth disturbance subject to regulation under 25 Pa. Code Chapter 92,<sup>6</sup> 25 Pa. Code Chapter 102 or the Clean Streams Law.<sup>7</sup>

**RELEASE RATE** — The percentage of predevelopment peak rate of runoff from a site or subarea to which the postdevelopment peak rate of runoff must be reduced to protect downstream areas.

**RETENTION BASIN** — A basin designed to retain stormwater runoff so that a permanent pool is established.

**RETENTION VOLUME/REMOVED RUNOFF** — The volume of runoff that is captured and not released directly into the surface waters of the commonwealth during or after a storm event.

**RETURN PERIOD** — The average interval, in years, within which a storm event of a given magnitude can be expected to recur. For example, the 25-year return period rainfall would be expected to recur on the average once every 25 years.

**RIPARIAN CORRIDOR** — A vegetated ecosystem along a water body that serves to buffer the water body from the effects of runoff by providing water quality filtering, bank stability, recharge, rate attenuation and volume reduction, and shading of the water body by vegetation. Riparian corridors also provide habitat and may include streambanks, wetlands, floodplains, and transitional areas.

**RISER** — A vertical pipe extending from the bottom of a pond that is used to control the discharge rate from the pond for a specified design storm.

**ROAD MAINTENANCE** — Earth disturbance activities within the existing road cross section, such as grading and repairing existing unpaved road surfaces, cutting road banks, cleaning or clearing drainage ditches and other similar activities.

**ROOF DRAIN** — A drainage conduit or pipe that collects water runoff from a roof and leads it away from a structure.

**RUNOFF** — Any part of precipitation that flows over the land surface.

**SEDIMENT BASIN** — A barrier, dam, or retention or detention basin located and designed to retain rock, sand, gravel, silt, or other material transported by water.

**SEDIMENT POLLUTION** — The placement, discharge or any other introduction of sediment into the waters of the commonwealth occurring from the failure to design, construct, implement or maintain control measures and control facilities in accordance with the requirements of this chapter.

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6. Editor's Note: Chapter 92 of Title 25 of the Pennsylvania Code was reserved 10-8-2010, effective 10-9-2010. It was replaced by Chapter 92a, National Pollutant Discharge Elimination System (NPDES) Permitting, Monitoring and Compliance.

7. Editor's Note: See 35 P.S. § 691.1 et seq.

**SEDIMENTATION** — The process by which mineral or organic matter is accumulated or deposited by the movement of water.

**SEEPAGE PIT/SEEPAGE TRENCH** — An area of excavated earth filled with loose stone or similar coarse material, into which surface water is directed for infiltration into the underground water (Refer to Pennsylvania BMP Manual, December 2006, Chapter 6, Section 4).

**SEPARATE STORM SEWER SYSTEM** — A system of pipes, open channels, streets, and other conveyances intended to carry stormwater runoff.

**SHALLOW CONCENTRATED FLOW** — Stormwater runoff flowing in shallow, defined ruts prior to entering a defined channel or waterway.

**SHEET FLOW** — Runoff that flows over the ground surface as a thin, even layer, not concentrated in a channel.

**SOIL GROUP, HYDROLOGIC** — A classification of soils by the NRCS into four runoff potential groups. The groups range from A soils, which are very permeable and produce little runoff, to D soils, which are not very permeable and produce much more runoff. **SOIL-COVER COMPLEX METHOD** — A method of runoff computation developed by the NRCS that is based on relating soil type and land use/cover to a runoff parameter called a Curve Number (CN).

**SPECIAL PROTECTION WATERSHEDS** — Watersheds of streams that have been designated in Pennsylvania Code Title 25, Environmental Protection, Chapter 93, Water Quality Standards, as being exceptional-value (EV) or high-quality (HQ) waters.

**SPILLWAY** — A depression in the embankment of a pond or basin which is used to pass peak discharge greater than the maximum design storm controlled by the pond.

**STORAGE INDICATION METHOD** — A reservoir routing procedure based on solution of the continuity equation (inflow minus outflow equals the change in storage) with outflow defined as a function of storage volume and depth.

**STORM FREQUENCY** — The number of times that a given storm event occurs or is exceeded on the average in a stated period of years. Refer to "return period."

**STORM SEWER** — A system of pipes and/or open channels that convey intercepted runoff and stormwater from other sources, but excludes domestic sewage and industrial wastes.

**STORMWATER** — The surface runoff generated by precipitation reaching the ground surface.

**STORMWATER CONVEYANCE FACILITY (RUNOFF CONVEYANCE FACILITY)** — A stormwater management facility designed to transmit stormwater runoff which shall include streams, channels, swales, pipes, conduits, culverts, storm sewers, etc.

**STORMWATER MANAGEMENT (SWM)** — The control of surface runoff generated by precipitation reaching the ground surface.

**STORMWATER MANAGEMENT FACILITY** — Any structure, natural or man-made, that, due to its condition, design, or construction, conveys, stores, or otherwise affects stormwater runoff. Typical stormwater management facilities include, but are not limited to, detention

and retention basins, open channels, storm sewers, pipes, and infiltration structures.

**STORMWATER MANAGEMENT PERMIT** — A permit issued by the Township after the stormwater management site plan (SMSP) or the simplified stormwater management site plan (SSMSP) has been approved. Said permit is issued prior to or with the final Township approval.

**STORMWATER MANAGEMENT PLAN** — The plan for managing stormwater runoff within the Township adopted as required by the Act of October 4, 1978, P.L. 864 (Act 167).<sup>s</sup>

**STORMWATER MANAGEMENT SITE PLAN (SMSP)** — The stormwater management site plan prepared by the applicant indicating how stormwater runoff will be managed at the particular site of interest according to this chapter.

**STORMWATER MANAGEMENT SITE PLAN, SIMPLIFIED (SSMSP)** — The simplified stormwater management site plan prepared by the applicant indicating how stormwater runoff will be managed at the particular site of interest according to this chapter.

**STREAM** — Rivers, creeks, springs, and other perennial or intermittent watercourses containing water at least on a seasonal basis during an average water year. The term "stream" shall include all intermittent streams and all perennial streams.

- (1) **SPRING or SEEP** — The point where groundwater discharges to become surface water.
- (2) **STREAM, EPHEMERAL** — A reach of stream that flows only during and for short periods following precipitation, and flows in low areas that may or may not be a well-defined channel. Ephemeral streambeds are located above the water table year round. Groundwater is not a source of water for the stream. Some commonly used names for ephemeral streams include: stormwater channel, drain, swale, gully, dry stream channel, hollow, or saddle.
- (3) **STREAM, HEADWATER** — The beginning reach of a stream, which collects water from springs and seeps and provides a hydrologic connection to a perennial stream. These channels may be ill defined and may move from year to year depending upon groundwater input, snowmelt, and runoff, but are typified by hydric soils and hydric vegetation.
- (4) **STREAM, INTERMITTENT** — A reach of stream that flows only during wet periods of the year and flows in a continuous well-defined channel. During dry periods, when the water table is depressed by seasonal aridity or drought, intermittent streams may go down to a trickle of water and appear dry, when in fact there is water flowing within the stream bottom or "substrate."
- (5) **STREAM, PERENNIAL or WATERCOURSE, PERENNIAL** — A body of water in a channel that flows throughout a majority of the year in a defined channel and is capable, in the absence of pollution, drought, or man-made stream disturbances, of supporting a benthic macroinvertebrate community that is composed of two or more recognizable taxonomic groups of organisms, large enough to be seen by the unaided eye and can be retained by a U.S. Standard No. 30 sieve (28 meshes per inch, 0.595mm openings)

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8. Editor's Note: See 32 P.S. § 680.1 et seq.

and live at least part of their life cycles within or upon available substrates in a body of water or water transport system. A perennial stream can have Q7-10 flow of zero. For the purposes of this document, a perennial stream includes lakes and ponds.

**STREAM BANK EROSION** — The widening, deepening or headward cutting of channels and waterways caused by stormwater runoff or bankfull flows.

**STREAM BUFFER** — The land area adjacent to each side of a stream, essential to maintaining water quality.

**STREAM ENCLOSURE** — A bridge, culvert, or other structure, as defined by 25 Pa. Code Chapter 105, which encloses a regulated water of the Commonwealth of Pennsylvania.

**SUBAREA (SUBWATERSHED)** — The smallest drainage unit of a watershed for which stormwater management criteria have been established in the stormwater management plan.

**SUBDIVISION** — The division or redivision of a lot, tract, or parcel of land by any means into two or more lots, tracts, parcels or other divisions of land including changes in existing lot lines for the purpose, whether immediate or future, of lease, partition by the court for distribution to heirs, or devisees, transfer of ownership or building or lot development; provided, however, that the subdivision by lease of land for agricultural purposes into parcels of more than 10 acres, not involving any new street or easement of access or any residential dwelling shall be exempted.

**SWALE** — A low-lying stretch of land which gathers or carries surface water runoff.

**TIMBER OPERATIONS** — Refer to "forest management."

**TIME OF CONCENTRATION (T<sub>c</sub>)** — The time for surface runoff to travel from the hydraulically most distant point of the watershed to a point of interest within the watershed. This time is the combined total of overland flow time and flow time in pipes or channels, if any.

**TOP OF BANK** — Highest point of elevation in a stream channel cross section at which a rising water level just begins to flow out of the channel and over the floodplain,

**TOWNSHIP** — Worcester Township, Montgomery County, Pennsylvania.

**TOWNSHIP ENGINEER** — A professional engineer licensed as such in the Commonwealth of Pennsylvania and appointed by Worcester Township pursuant to the Pennsylvania Second Class Township Code.\*

**TRIBUTARY AREA** — The portion of a watershed that contributes runoff to a particular point in that watershed.

**VERNAL POOL** — Seasonal depressional wetlands that are covered by shallow water for variable periods from winter to spring, but may be completely dry for most of the summer and fall.

**VOLUMETRIC RUNOFF COEFFICIENT** — A variable indicative of stormwater runoff volume and dependent on the impervious coverage for a site.

**WATER QUALITY VOLUME** — A calculated volume of stormwater runoff from

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9. Editor's Note: See 53 P.S. § 65101 et seq.

impervious areas which is required to be captured and treated at a site and may be achieved through use of structural or nonstructural BMPs.

**WATERCOURSE** — An intermittent or perennial stream of water, river, brook, creek, or swale identified on USGS or SCS mapping; and/or delineated waters of the commonwealth.

**WATERS OF THE COMMONWEALTH** — Any and all rivers, streams, creeks, rivulets, ditches, watercourses, storm sewers, lakes, dammed water, wetlands, ponds, springs, and all other bodies or channels of conveyance of surface and underground water, or parts thereof, whether natural or artificial, within or on the boundaries of this commonwealth.

**WATERS OF THE UNITED STATES or WATERS OF THE US** —

- (1) All waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide;
- (2) All interstate waters, including interstate "wetlands";
- (3) All other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds the use, degradation, or destruction of which would affect or could affect interstate or foreign commerce including any such waters:
  - (a) Which are or could be used by interstate or foreign travelers for recreational or other purposes;
  - (b) From which fish or shellfish are or could be taken and sold in interstate or foreign commerce; or
  - (c) Which are used or could be used for industrial purposes by industries in interstate commerce;
- (4) All impoundments of waters otherwise defined as waters of the United States under this definition;
- (5) Tributaries of waters identified in Subsections (1) through (4) of this definition;
- (6) The territorial sea; and
- (7) Wetlands adjacent to waters (other than waters that are themselves wetlands) identified in Subsections (1) through (6) of this definition.

**WET BASIN** — Pond for runoff management that is designed to detain runoff and always contains water.

**WETLAND** — Those areas that are inundated or saturated by surface- or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions, including swamps, marshes, bogs, ferns, and similar areas.

**WETLAND DELINEATION** — The process by which wetland limits are determined. Wetlands must be delineated by a qualified specialist according to the 1989 Federal Manuals

(as amended) for the Delineation of Jurisdictional Wetlands (whichever is greater) or according to any subsequent federal or state regulation. Qualified specialist shall include those persons being Certified Professional Soil Scientists as registered with Registry of Certified Professionals in Agronomy Crops and Soils (ARCPACS); or as contained on consultant's list of Pennsylvania Association of Professional Soil Scientists (PAPSS); or as registered with National Society of Consulting Soil Scientists (NSCSS), or as certified by state and/or federal certification programs; or by a qualified biologist/ecologist.

ARTICLE III  
**Stormwater Management**

**§ 129-12. General requirements.**

- A. All applicants proposing regulated activities in the Township that do not fall under the exemption criteria shown in § 129-5B and C of this chapter shall submit a stormwater management site plan, consistent with this chapter, to the Township for review. All applicants proposing regulated activities that fall under the exemption criteria identified in § 129-5C shall submit a simplified stormwater management site plan, consistent with this chapter, to the Township for review. These criteria shall apply to the total proposed development even if development is to take place in stages. Impervious surface shall include, but not be limited to, any roof, parking or driveway areas and any new streets and sidewalks. Any areas designed to be gravel or crushed stone shall be assumed to be impervious unless designed as a BMP (e.g., pervious paver blocks, reinforced turf, gravel filled grids, etc.). (Refer to definition of "impervious surface" within § 129-11 of this chapter.)
- B. All regulated activities shall include such measures as necessary to:
- (1) Protect health, safety, and property;
  - (2) Meet the water quality goals of this chapter by implementing measures to:
    - (a) Minimize disturbance to floodplains, wetlands, and wooded areas.
    - (b) Create, maintain, repair or extend riparian buffers.
    - (c) Avoid erosive flow conditions in natural flow pathways.
    - (d) Minimize thermal impacts to waters of this commonwealth.
    - (e) Disconnect impervious surfaces (i.e., create disconnected impervious areas, DIAs) by directing runoff to pervious areas, wherever possible;
  - (3) To the maximum extent practicable, incorporate the techniques for low-impact development practices (e.g., protecting existing trees, reducing area of impervious surface, cluster development, and protecting open space) described in the Pennsylvania Stormwater Best Management Practices Manual, Pennsylvania Department of Environmental Protection (PADEP) No. 363-0300-002 (December 30, 2006).
- C. The Township may, after consultation with the Department of Environmental Protection (PADEP), approve measures for meeting the state water quality requirements other than those in this chapter, provided that they meet the minimum requirements of, and do not conflict with, state law including, but not limited to, the Clean Streams Law.<sup>10</sup>
- D. For all regulated earth disturbance activities, erosion and sediment (E&S) control best management practices (BMPs) shall be designed, implemented, operated, and maintained during the regulated earth disturbance activities (e.g., during construction) to meet the purposes and requirements of this chapter and to meet all requirements under Title 25 of the Pennsylvania Code and the Clean Streams Law.<sup>11</sup> Various BMPs and their design standards are listed in the Erosion and Sediment Pollution Control Program Manual (March 2012), as

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10. Editor's Note: See 35 P.S. § 691.1 et seq.

11. Editor's Note: See 35 P.S. § 691.1 et seq.

amended and updated.

- E. No approval of any subdivision or land development plan, or issuance of any building, zoning, grading and excavations permit, occupancy permit, or the commencement of any regulated earth disturbance at a project site within the Township shall proceed until the requirements of this chapter are met, including approval of a stormwater management permit pursuant to Article IV and a permit under PADEP regulations, where applicable.
- F. Erosion and sediment control during land disturbance shall be addressed as required by § 129-20.
- G. Infiltration and water quality protection shall be addressed as required by §§ 129-15 and 129-16.
- H. All best management practices (BMPs) shall conform to the design criteria of this chapter and Pennsylvania Stormwater Best Management Practices Manual, December 30, 2006.
- I. Low-impact development techniques as described in Pennsylvania Stormwater Best Management Practices Manual (December 30, 2006, as amended) are encouraged to reduce the costs of complying with the requirements of this chapter and state water quality requirements. Use of nonstructural BMPs is encouraged and design and applicability of such BMPs is identified pursuant to Chapter 5 of the Pennsylvania BMP Manual. For all proposed nonstructural BMPs, the applicant shall utilize and submit applicable checklists included in Chapter 8, Section 8.8, of the Pennsylvania BMP Manual, to demonstrate that the BMPs are applicable to the project and to determine the amount of volume credit that may be applied to the development activity.
- J. Infiltration BMPs should be spread out, made as shallow as practicable, and located to minimize the use of natural on-site infiltration features while still meeting the other requirements of this chapter.
- K. Stormwater drainage systems shall be provided in order to permit unimpeded flow along natural watercourses, except as modified by stormwater management facilities designed to encourage infiltration, groundwater recharge, and improved water quality.
- L. Existing points of concentrated drainage that discharge onto adjacent property shall not be altered without written approval of the affected property owner(s) and shall be subject to discharge criteria specified in this chapter.
- M. Areas of existing sheet flow discharge shall be maintained wherever possible. If sheet flow is proposed to be concentrated and discharged onto adjacent property, the applicant must document that adequate downstream conveyance facilities exist to safely transport the concentrated discharge, or otherwise prove that no erosion, sedimentation, flooding or other harm will result from the concentrated discharge, as verified by the Township or Township Engineer, and submit written approval from the affected adjacent property owner(s) if required by the Township or Township Engineer.
- N. Where a development site is traversed by watercourses, drainage easements shall be provided conforming to the line of such watercourses. The width of the easement shall be adequate to provide for the unimpeded flow of stormwater runoff from the 100-year storm event. Terms

of the easement shall prohibit excavation, the placing of fill or structures, and any alterations that may adversely affect the flow of stormwater within any portion of the easement. Periodic maintenance of the easement shall be required by the landowner to ensure proper runoff conveyance, as defined by the Commonwealth of Pennsylvania.

- O. When it can be shown that, due to topographic conditions, natural drainageways on the site cannot adequately provide for drainage, open channels may be constructed conforming substantially to the line and grade of such natural drainageways. Work within natural drainageways shall be subject to approval by PADEP through the Chapter 105<sup>33</sup> permit process, or, where deemed appropriate by PADEP, through the general permit process.
- P. Any stormwater management facilities regulated by this chapter that will be located in or adjacent to waters of the commonwealth or wetlands shall be subject to approval by PADEP through the Chapter 105<sup>33</sup> permit process, or, where deemed appropriate by PADEP, the general permit process. When there is a question whether wetlands may be involved, it is the responsibility of the applicant to show that the land in question cannot be classified as wetlands, otherwise approval to work in the area must be obtained from PADEP.
- Q. Any stormwater management facilities regulated by this chapter that would be located on state highway rights-of-way, or discharge stormwater to facilities located within a state highway right-of-way, shall be subject to approval by the Pennsylvania Department of Transportation (PADOT).
- R. Site disturbance and impervious surface shall be minimized. Infiltrating stormwater runoff through seepage beds, infiltration basins, etc., shall be required, where soil conditions permit, to reduce the size or eliminate the need for retention/detention facilities.
- S. Roof drains and sump pumps shall discharge to an infiltration structure, natural watercourse, storm sewer system, drainage swale, or stormwater easement. Roof drains and sump pumps shall not be connected to storm sewer unless the storm sewer is designed as part of a stormwater BMP facility. In no case shall roof drains or sump pumps be connected to sanitary sewer or be permitted to discharge directly across a sidewalk or walkway or onto a street. If curbing is present, no drainage pipes shall pass through the curb to discharge onto the street. Sump pump and roof drain discharge pipes shall not extend beyond the building envelope for the lot unless they are directly connected to an infiltration facility, detention basin, storm sewer pipe or as approved by the Township.
- T. All storm sewer inlets must be identified with a storm drain marker. Storm drain markers shall be stainless steel affixed to the inlet hood with adhesive, rivets, or bolts. (Marker may be bolted to the grate in off-road locations). Marker shall have a minimum diameter of 3 1/2 inches and include "No Dumping - Drains to Waterway" and a fish symbol. Alternate designs/sizes may be used if approved by the Township.
- U. Whenever a watercourse is located within a development site, it shall remain open in its natural state and location and shall not be piped, impeded, or altered (except for permitted crossings). It is the responsibility of the applicant to stabilize existing eroded stream/channel

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12. Editor's Note: See 25 Pa. Code Chapter 105.

13. Editor's Note: See 25 Pa. Code Chapter 105.

bed and banks. (Refer to § 129-17.)

- V. The temperature and quality of water of streams that have been declared as exceptional value (EV) and high quality (HQ) are to be maintained as defined in Chapter 93, Water Quality Standards, Title 25, Pennsylvania Department of Environmental Protection Rules and Regulations. All regulated development activities within HQ or EV watersheds must provide volume controls and water quality controls pursuant to the requirements of §§ 129-15 and 129-16 of this chapter.
- W. All stormwater runoff shall be pretreated for water quality prior to discharge to surface or groundwater as required by § 129-16 of this chapter.
- X. Hot spots.
- (1) Hot spots are sites where the land use or activity produces a higher concentration of trace metals, hydrocarbons, or priority pollutants than normally found in urban runoff. Use of infiltration BMPs is prohibited on hot spot land use areas. Examples of hot spots include but are not limited to the following:
    - (a) Vehicle salvage yards and recycling facilities.
    - (b) Vehicle fueling stations.
    - (c) Vehicle service and maintenance facilities.
    - (d) Vehicle and equipment cleaning facilities.
    - (e) Fleet storage areas (bus, truck, etc.).
    - (f) Industrial sites (based on Standard Industrial Codes defined by the United States Department of Labor).
    - (g) Marinas (service and maintenance).
    - (h) Outdoor liquid container storage.
    - (i) Outdoor loading/unloading facilities.
    - (j) Public works storage areas.
    - (k) Facilities that generate or store hazardous materials.
    - (l) Commercial container nursery.
    - (m) Other land uses and activities as designated by the Township.
  - (2) Stormwater runoff from hot spot land uses shall be pretreated. In no case may the same BMP be employed consecutively to meet this requirement. Guidance regarding acceptable methods of pretreatment is located in the Pennsylvania Stormwater Best Management Practices Manual.
- Y. West Nile guidance requirements. All wet basin designs shall incorporate biologic controls consistent with the West Nile Guidance found in Appendix C<sup>4</sup> of this chapter.

**§ 129-13. Stormwater management performance standards.**

- A. In the design of stormwater management facilities, postdevelopment rates of runoff from any regulated activity shall not exceed 75% of the modies of runoff prior to development for two- and ten-year-frequency storms and 100% of the peak rates of runoff prior to development for the twenty-five-, fifty, and 100-year frequency storms. In all other cases where unretained stormwater directly discharges from the site by bypassing the stormwater management facilities, the postdevelopment runoff rate shall not exceed predevelopment runoff rate. The preceding requirements shall apply to each location of concentrated or diffused drainage discharge from the development site.
- B. Site areas. Where the area of a site being impacted by a proposed development activity, not associated with a subdivision or land development, differs significantly from the total site area as determined by the Township Engineer, the Township may, but is not required to, permit only the proposed impact area, which includes areas of the site that would be compacted due to construction activity, to be subject to the release rate criteria (performance standards).
- C. Off-site areas. Off-site areas that drain through a proposed development site are not subject to release rate criteria when determining allowable peak runoff rates or volume reduction. However, on-site drainage facilities shall be designed to safely convey off-site flows through the development site.
- D. Stormwater conveyance corridor protection (riparian corridor preservation and vegetation). Runoff from developed areas of the site, including but not limited to areas of impervious surface, shall be managed through a series of riparian corridor vegetation facilities whenever possible. This will be accomplished in a manner satisfactory to the Township, utilizing the "Pennsylvania Handbook of Best Management Practices for Developing Areas," 1998, Riparian Forested Buffer, and the priority goal of the riparian vegetation will be the reduction of thermal impacts on stormwater runoff associated with impervious areas, with a secondary goal being the protection of capacity of existing stormwater conveyance channels. These goals will be achieved through the use of design criteria in § 129-18I of this chapter, and shall be in addition to any other Township ordinance provisions.
- E. For all subdivision and land development applications, the tributary area discharging drainage to any location along the site property boundary shall not increase by more than 25% over the predevelopment condition without written notification to the adjacent affected property owner(s) receiving runoff from the site, and review and approval by the Township Engineer.

**§ 129-14. Project design (sequencing to minimize stormwater impacts).**

- A. The design of all regulated activities shall include the following steps in sequence to minimize stormwater impacts.
  - (1) The applicant is required to find practicable alternatives to the surface discharge of stormwater, the creation of impervious surfaces, and the degradation of waters of the

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14. Editor's Note: Appendix C is included as an attachment to this chapter.

commonwealth, and must maintain as much as possible the natural hydrologic regime of the site.

- (2) An alternative is practicable if it is available and capable of being completed after considering cost, existing technology, and logistics in light of overall project purposes, and other Township requirements.
  - (3) All practicable alternatives to the discharge of stormwater are presumed to have less adverse impact on quantity and quality of waters of the commonwealth unless otherwise demonstrated.
- B. The applicant shall demonstrate that regulated activities are designed in the following sequence to minimize the increases in stormwater runoff and impacts to water quality:
- (1) Prepare an existing resources and site analysis map (ERSAM), showing environmentally sensitive areas including, but not limited to, steep slopes, ponds, lakes, streams, wetlands, hydric soils, vernal pools, floodplains, riparian corridors, hydrologic soil groups A, B, C, and D, woodlands, surface waters regulated by the state or federal government, any existing recharge areas, and any other requirements outlined in the Subdivision and Land Development and Zoning Ordinances.<sup>15</sup>
  - (2) Prepare a draft project layout avoiding sensitive areas identified in § 129-14B(1) and minimizing total site earth disturbance as much as possible. The ratio of disturbed area to the entire site area and measures taken to minimize earth disturbance shall be included in the ERSAM.
  - (3) Identify site-specific existing conditions, drainage areas, discharge points (points of interest), recharge areas, and hydrologic soil groups A and B.
  - (4) Evaluate nonstructural stormwater management alternatives (refer to Pennsylvania BMP Manual).
    - (a) Minimize earth disturbance.
    - (b) Minimize impervious surfaces.
    - (c) Break up large impervious surface areas.
    - (d) Protect existing trees [not within protected areas as described in § 129-14B(1)]. (e) Direct rooftop runoff to pervious areas.
    - (f) Revegetate and reforest disturbed areas.
    - (g) Utilize natural flow pathways.
  - (5) Satisfy volume control standards (§ 129-15).
  - (6) Satisfy water quality objective (§ 129-16).
  - (7) Satisfy stream bank erosion protection objective (§ 129-17).

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15. Editor's Note: See Ch. 130, Subdivision and Land Development, and Ch. 150, Zoning.

- (8) Prepare final project design to maintain predevelopment drainage areas and discharge points, to minimize earth disturbance and impervious surfaces, to reduce runoff to the maximum extent possible, and to minimize the use of surface or point discharges.
- (9) Conduct a proposed conditions runoff analysis based on the final design, to meet the release rate criteria (performance standards).
- (10) Manage any remaining runoff through treatment prior to discharge, as part of detention, bio-retention, direct discharge or other structural control.

### **§ 129-15. Volume control and infiltration BMPs.**

A. For all regulated activities not exempt from requirements of this chapter pursuant to § 129-5B and C, water volume mitigation controls shall be implemented. The total volume of runoff that must be infiltrated may be calculated based on the Design Storm Method, in which case the postdevelopment total runoff volume shall not be increased from predevelopment total runoff volume for all design storms equal to or less than the two-year, twenty-four-hour duration precipitation. The Design Storm Method requires detailed stormwater runoff modeling based on site conditions. The required recharge volume may also be determined based on Equation 129-15.1, described in § 129-15D. The recharge volume (Rev) must be reused, evapotranspired, or infiltrated through structural and/or nonstructural means. An alternative standard is allowed in this chapter where it can be demonstrated that due to existing natural site conditions [refer to § 129-15A(1)(b)], substantial infiltration and recharge are not occurring, predevelopment, resulting in greater than anticipated runoff volume.

- (1) Alternate standard for runoff volume.
  - (a) Applicants may request from Worcester Township that an alternate standard be applied, where a portion of the runoff volume requirement of § 129-15A is not achieved but at least 50% of the total required volume of infiltrated runoff is achieved. Use of this alternate standard is permitted by the Township only after thorough scrutiny has been directed toward all possible stormwater management options at all possible locations at the site, consistent with the process set forth in § 129-15A(1).
  - (b) Required analysis for allowing use of alternate standard for runoff volume. The alternate standard shall be used only in those situations where it is demonstrated to the satisfaction of the Township that due to natural site conditions infiltration is not occurring in the predevelopment condition, resulting in greater runoff volumes (than would normally be anticipated) due to bedrock near or at the surface (less than two feet in depth); presence of seasonal high water table (SHWT) (less than two feet in depth); and soils with low permeability (e.g., 0.20 inch per hour or less). Alternate standard shall be permitted by the Township only in those cases where the applicant has demonstrated that one or all of the above-described conditions exist throughout the site, such that there is no reasonable means of infiltrating required stormwater volumes and that the property cannot be reasonably developed utilizing a stormwater management system which infiltrates the two-year-frequency storm event volume (difference between the pre- and postdevelopment

storm). The applicant must demonstrate that there is no area of the site where the runoff volume requirement can feasibly be infiltrated. It is not grounds for approval of the alternate standard that infiltrating the runoff volume requirement will utilize areas that could otherwise be developed to obtain the most building area or lots.

- (c) Applicants requesting to utilize the alternate standard must provide a feasibility study for infiltration utilizing BMPs as well as other runoff volume stormwater management systems and provide the following information:

[1] Site plan demonstrating the extent of site area with seasonal high-water table (SHWT) (less than two feet): The site will be evaluated both as to the extent of site with SHWT and the actual locations of SHWT areas. Use of the alternate standard shall be permitted by the Township only in those cases where it is demonstrated that site areas free of SHWT are not feasible for use as stormwater BMPs (i.e., they are located upgradient from reasonable site building areas).

[2] Site plan demonstrating extent of site area with less than two feet to bedrock: The site will be evaluated both as to the extent of site with shallow depth to bedrock and actual locations of shallow bedrock areas. Use of the alternate standard shall be permitted by the Township only in those cases where it is demonstrated that site areas free of shallow bedrock constraints are not feasible for use as stormwater BMPs (i.e., they are located upgradient from reasonable site building areas).

[3] The site plan shall demonstrate the extent of site area with less than 0.20 inch/hour of permeability in accordance with the soil testing protocol set forth in § 129-15E and Appendix B.<sup>16</sup>

[4] Sum total of limited infiltration areas.

[a] In order to utilize the alternate standard, the applicant must demonstrate that the sum total of limited infiltration areas {the total of areas described in § 129-15A(1)(c)[1] through [3]} exceed the following percentages of the total site:

[i] Sites less than five acres: 75%.

[ii] Sites five to 10 acres: 80%.

[iii] Sites greater than 10 acres: 85%.

[b] In addition, the applicant must demonstrate that there is no feasible site area free of the above-described infiltration constraining features which exist in a location such that the runoff volume requirement can be achieved.

B. If it is determined to the satisfaction of the Township that the recharge volume standard set

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16. Editor's Note: Appendix B is included as an attachment to this chapter.

forth in § 129-15A cannot be achieved, then the peak rate standards for postdevelopment runoff are modified so that peak rate discharges from the site for all storms up to the ten-year-frequency design storm must be additionally reduced to be equal to or less than 75% of the design peak rates permitted pursuant to § 129-13.

- C. Water volume controls will mitigate increased runoff impacts, protect stream channel morphology, maintain groundwater recharge, and contribute to water quality improvements. The applicant must demonstrate how the required recharge volume is controlled through stormwater best management practices (BMPs) which shall provide the means necessary to capture, reuse, evaporate, transpire or infiltrate the total runoff volume. The low-impact development practices provided in the Pennsylvania BMP Manual shall be utilized for all regulated activities to the maximum extent practicable. Volume controls provided through nonstructural BMPs may be subtracted from the required recharge volume to determine the volume of structural BMPs necessary for compliance with § 129-15A of this chapter. Design and applicability of nonstructural BMPs is identified pursuant to Chapter 5 of the Pennsylvania BMP Manual. For all proposed nonstructural BMPs, the applicant shall utilize and submit applicable checklists included in Chapter 8, Section 8.8, of the Pennsylvania BMP Manual, to demonstrate that the BMPs are applicable to the project and to determine the amount of volume credit that may be applied to the development activity.
- D. Recharge volume formula.
  - (1) To determine the volume of runoff that must be infiltrated at a site, the recharge volume (Rev), the following calculation formula may be used:

**Equation 129-15.1**

$$Rev = [(S)(Rv)(A)]/12 \text{ (inches/foot),}$$

Where:

- Rev = Recharge volume (acre-feet)
- S = Soil specific recharge factor (inches)
- A = Site area contributing to the recharge facility (acres)
- Rv = Volumetric runoff coefficient,  $Rv = 0.05 + 0.009(I)$ , where: I = percent impervious area, and

"S" shall be obtained based upon hydrologic soil group based upon the table below:

	<b>Hydrologic Soil Group</b>	<b>Soil Specific Recharge Factor(S)</b>
	A	0.38
	B	0.26
	C	0.14
	D	0.07

- (2) If more than one hydrologic soil group (HSG) is present at a site, a composite recharge volume shall be computed based upon the proportion of total site area within each HSG.
- E. Infiltration BMPs intended to receive runoff from developed areas shall be selected based on the suitability of soils and site conditions. All applicants proposing regulated activities that are not exempt from preparation and submission of a stormwater management site plan (SMSP) are required to perform a detailed soils evaluation of the project site by a qualified geotechnical engineer, geologist and/or soil scientist, pursuant to Appendix B<sup>17</sup> of this chapter, which at minimum addresses soil permeability, depth to bedrock, susceptibility to sinkhole formation, and subgrade stability. Infiltration/permeability tests shall be completed (in conjunction with the soils evaluation) with an infiltrometer or other method approved by the Township Engineer, pursuant to Appendix B, to determine the saturated hydraulic conductivity of the soil [at the location and the level of the proposed infiltration surface(s)]. "Percolation" tests are not permitted for design of infiltration BMPs, unless approved by the Township Engineer.
- F. Infiltration BMPs must include safeguards against groundwater contamination for uses where it is anticipated that pollutants may enter the facility, by mishap or spill or where salt or chloride might be a nonpoint source contaminant since soils do little to filter this pollutant. If it is anticipated that pollutants may enter the infiltration facility (or other stormwater facility impounding water), resulting in potential groundwater contamination, Worcester Township may require the developer to submit a hydrogeologic justification study of the site and proposed infiltration BMPs, prepared by a qualified design professional, to determine the risk for such contamination. The Township may require the installation of a mitigative layer or an impermeable liner in the BMP and/or detention basins where the possibility of groundwater contamination exists.
- G. Infiltration BMPs within high quality/exceptional value waters shall be subject to PADEP's Title 25, Chapter 93 antidegradation regulations.
- H. The requirements for volume control and infiltration are applied to all disturbed areas, even if they are ultimately to be a pervious or permeable land use given the extent to which development-related disturbance leads to compaction of the soils and reduces their infiltrative capacity.
- I. If on-lot infiltration structures are proposed, it must be demonstrated that the soils are conducive to infiltrate on the lots identified, or that the applicant's design includes the addition of suitable amounts of material to facilitate infiltration and support the calculations as submitted.
- J. Infiltration BMPs shall be designed in accordance with the design criteria and specifications of the Pennsylvania Stormwater BMP Manual (2006) and as additionally identified pursuant to § 129-18I(1) of this chapter.

### **§ 129-16. Water quality requirements.**

- A. In addition to the performance standards and design criteria requirements of Article III of this

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17. Editor's Note: Appendix B is included as an attachment to this chapter.

chapter, adequate treatment and storage facilities must be provided to capture and treat stormwater runoff from developed or disturbed areas, unless otherwise exempted by provisions of this chapter. The recharge volume computed under § 129-15 may be a component of the water quality volume if the applicant chooses to manage both components in a single facility. Only if the recharge volume is less than the water quality volume may the remaining water quality volume be captured and treated by methods other than recharge/infiltration BMPs. The required water quality volume (WQv) is the storage capacity needed to capture and to treat a portion of stormwater runoff from the developed areas of the site produced from 90% of the average annual rainfall (P). The following calculation formula is to be used to determine the required water quality storage volume, (WQv), in acre-feet of storage:

#### Equation 129-16.1

$$WQv = [(P)(Rv)(A)]/12 \text{ (inches/foot),}$$

Where:

- P = Rainfall amount equal to 90% of events producing this rainfall (in) - the volume of rainfall for 90% of the storm events which produce runoff in the watershed annually.
- A = Area of the project contributing to the water quality BMP (acres).
- Rv = Volume runoff coefficient  $0.05 + 0.009(I)$  where I is the percent of the area that is impervious surface (impervious area ÷ total project study area) x 100%.

- B. Provisions shall be made (such as adding a small orifice at the bottom of the BMP facility outflow control structure) so that the proposed condition, one-year-frequency design storm takes a minimum of 24 hours to drain from the facility from a point where the maximum volume of water from the one-year storm is captured (i.e., the maximum water surface elevation is achieved in the facility). The design of the facility shall minimize clogging and sedimentation. Orifices smaller than three inches in diameter are not recommended. However, if the design engineer can verify that the smaller orifice is protected from clogging by use of trash racks, etc., smaller orifices may be permitted. Trash racks are required for any primary orifice.
- C. To accomplish the requirements in Subsections A and B above, the applicant may submit original and innovative designs to the Township Engineer for review and approval. Such designs may achieve the water quality objectives through a combination of BMPs. Infiltration BMPs shall be used wherever feasible. Wet ponds, artificial wetlands, or other permanent BMP acceptable to the Township shall be used to the extent that infiltration BMPs are deemed not feasible.
- D. Design of BMPs used for water quality control shall be in accordance with design specifications outlined in the Pennsylvania Stormwater BMP Manual or other applicable manuals. The following factors must be considered when evaluating the suitability of BMPs used to control water quality at a given development site:

- (1) Total contributing drainage area.
- (2) Permeability and infiltration rate of the site soils.
- (3) Topographic slope and depth to bedrock.
- (4) Seasonal high-water table.
- (5) Proximity to building foundations and wellheads.
- (6) Erodibility of soils.
- (7) Land availability and configuration of the topography.
- (8) Peak discharge and required volume control.
- (9) Stream bank erosion.
- (10) Efficiency of the BMPs to mitigate potential water quality problems.
- (11) Volume of runoff that will be effectively treated.
- (12) Nature of the pollutant being removed.
- (13) Maintenance requirements.
- (14) Creation/protection of aquatic and wildlife habitat.
- (15) Recreational value.
- (16) Enhancement of aesthetic and property value.

**§ 129-17. Stream bank erosion requirements.**

- A. In addition to the water quality volume, to mitigate the impact of stormwater runoff on downstream stream bank erosion, BMPs must be designed to detain the proposed conditions two-year, twenty-four-hour design storm to the existing conditions one-year flow using the SCS Type II distribution.
- B. Whenever a watercourse is located within a development site, it shall remain open in its natural state and location and shall not be piped, impeded, or altered (except for permitted crossings). The applicant shall stabilize all eroded stream/channel beds and banks within a subdivision or land development site and obtain all permits necessary from PADEP to do so. The applicant must submit pictorial documentation of existing stream/channel banks to determine whether existing banks must be stabilized.

**§ 129-18. Design and construction criteria for stormwater management facilities and best management practices.**

- A. Stormwater runoff which may result from regulated activities identified in § 129-4 shall be controlled by permanent stormwater runoff BMPs that will provide the required standards within Article III. The methods of stormwater control or best management practices (BMPs) which may be used to meet the required standards are described in this chapter and the

Pennsylvania Stormwater Best Management Practices Manual, December 30, 2006, as amended, and are the preferred methods of controlling stormwater runoff. The choice of BMPs is not limited to the ones appearing in this chapter and the Manual; however, any selected BMP must meet or exceed the runoff peak rate requirements of this chapter.

- B. Any stormwater facility located on state highway rights-of-way shall be subject to approval by the Pennsylvania Department of Transportation.
- C. Collection system standards.
  - (1) Curb inlets. Curb inlets shall be located at curb tangents on the uphill side of street intersections, and at intervals along the curblines to control the maximum amount of encroachment of runoff on the roadway pavement so that same does not exceed a width of four feet during the design storm event. Design and location of curb inlets shall be approved by the Township.
  - (2) Pipe materials. All storm sewer piping shall be Class III reinforced concrete pipe, except when pipe class and strength is required to be increased in accordance with PennDOT specification. Piping shall be saw-cut at ends, as needed, and not hammered or broken. All pipe joints and lift holes must be mortared except where designed for infiltration.
  - (3) Minimum pipe size. Minimum pipe diameter shall be 15 inches (or an equivalent flow area of 1.23 square feet).
  - (4) Inlet and manhole construction. Inlet and manhole castings and concrete construction shall be equivalent to PennDOT design standards. Manhole castings and covers shall have the word "STORM" cast in two-inch-high letters on the top of the cover. All inlet grates shall be "bicycle safe" heavy-duty structural steel. All storm sewer inlets must be identified with a storm drain marker ("environmental" type). Storm drain markers shall be stainless steel affixed to the inlet hood with adhesive, rivets or bolts. (Marker may be bolted to the grate in off-road locations). Marker shall have a minimum diameter of 3 1/2 inches and include "No Dumping - Drains to Waterway" and a fish symbol. Alternate designs/sizes may be used if approved by the Township.
  - (5) Open end pipes must be fitted with concrete endwalls or wing walls in accordance with PennDOT standards.
  - (6) Flow velocity. Stormwater collection systems shall be designed to produce a minimum velocity of three feet per second when flowing full. The maximum permissible velocity shall be 15 feet per second. Pipe slopes shall not be less than 1/2 of 1% (0.005 ft/ft), with the exception that terminal sections of pipe shall have a minimum slope of 1% (0.01 ft/ft).
  - (7) Inlets and manholes shall be spaced at intervals not exceeding 300 feet, and shall be located wherever branches are connected or sizes are changed, and wherever there is a change in alignment or grade. For drainage lines of at least 36 inches diameter, inlets and manholes may be spaced at intervals of 400 feet. Manholes shall be equipped with open grate lids.
  - (8) Storm sewer bedding/backfill requirements shall conform to the Worcester Township

construction requirements/specifications.

- (9) Inlets shall be located to intercept concentrated runoff prior to discharge over public/private rights-of-way, sidewalks, streets, and driveways.
- (10) The capacity of all Type C inlets shall be based on a maximum surface flow to the inlets of four cfs, calculated based on the 100-year frequency design storm event. The maximum flow to Type C inlets located in low points (such as sag vertical curves) shall include the overland flow directed to the inlet as well as all bypass runoff from upstream inlets. The bypass flow from upstream inlets shall be calculated using inlet efficiency curves included in PennDOT Design Manual Part 2, latest edition. If the surface flow to an inlet exceeds four cfs, additional inlets shall be provided upstream of the inlet to intercept the excessive surface flow. A Type C inlet at a low point of a paved area may be designed to accept a maximum of six cubic feet per second (cfs). Type M inlets shall be designed to accept a maximum surface flow of six cfs based on the 100-year frequency design storm event, unless otherwise approved by the Township. Double inlets will not be permitted where additional pipe and inlets can be placed upstream to intercept excessive surface flow. A maximum of 12 cfs shall be permitted to be collected by a Type M inlet located in an isolated pervious area provided the designer can verify that such an inlet would not cause stormwater to accumulate on any adjoining public or private property, outside of a storm sewer easement, and that the depth of the accumulated stormwater would not exceed 12 inches.
- (11) A minimum drop of two inches shall be provided between the inlet and outlet pipe invert elevations within all inlets and manholes. When varying pipe sizes enter an inlet or manhole, the elevation of crown of all pipes shall be matched. Storm sewer pipes shall enter and exit the sides of inlet boxes and shall not encroach into the corner, wherever possible.
- (12) Stormwater pipes shall have a minimum depth of cover of 18 inches (including over the bell) or as designated by the American Concrete Pipe Association (whichever is greater), and in no case shall any part of the pipe project into the road subbase or curb. Where cover is restricted, equivalent pipe arches may be specified in lieu of circular pipe, to achieve required cover. Stormwater pipes conveying swale flow under driveway crossings shall have a minimum cover of 12 inches, including over the bell, but in no case shall the cover be less than that required for the anticipated traffic loading. For driveway culverts, cover may be less than 12 inches if the design engineer verifies proposed pipe has sufficient strength to withstand loading from anticipated design vehicles. Where cover is restricted, concrete trench drain with bolt-down metal grates may be used.
- (13) The capacity of all stormwater pipes shall be calculated utilizing the Manning Equation for open channel flow as applied to closed conduit flow. The Manning's roughness coefficient shall be 0.13 for all concrete pipe. In cases where pressure flow may occur, the hydraulic grade line shall be calculated throughout the storm sewer system to verify that at least one foot of freeboard will be provided in all inlets and manholes for the design storm event.
- (14) Culverts shall be designed based on procedures contained in Hydraulic Design of

Highway Culverts, HDS No. 5, United States Department of Transportation, Federal Highway Administration. Where pressure flow is anticipated in storm sewer pipes (non-open channel flow), the applicant's designer shall be required to calculate the elevation of the hydraulic grade line through the storm sewer system. Wherever the hydraulic grade line elevation exceeds the pipe crown elevation for the design flow, pipes with watertight joints must be specified.

- (15) Storm sewer structures (e.g., endwalls, inlets, pipe sections, etc.) may not be located on top of, or within 10 feet of, electric, communication, water, sanitary sewer, or gas services and/or mains, and structures, unless approval is received from the Township and the Authority or Utility having jurisdiction over same.
  - (16) Stormwater pipes must be oriented at right angles to electric, water, sanitary sewer, and gas utilities when crossing above or beneath same. Crossing angles of less than 90° will only be permitted at the discretion of the Township. When skewed crossings are permitted, interior angles between alignment of the storm sewer pipe and utility may not be less than 45°. Vertical and horizontal design of storm sewer must be linear.
  - (17) Roadway underdrain is required along both sides of all proposed roadways, existing roadways proposed to be widened, and within existing or proposed roadside swales as directed by the Township.
  - (18) Where a public storm sewer system is not located within a right-of-way, or dedicated public property, a twenty-foot-wide easement shall be established to encompass the storm sewer system and any required access from the public road. For multiple pipes or utilities, the width of the easement shall be a minimum of 30 feet.
  - (19) A minimum of one-foot of freeboard, between the inlet grate and the design flow elevation, shall be provided in all storm sewer systems (inlets and manholes) for the 100-year-frequency design storm event.
  - (20) Stormwater roof drains and sump pumps shall not discharge water directly onto a sidewalk or a street and shall be constructed to discharge to a dry well/seepage pit or aboveground entirely on the subject property, except where such discharge could flow across sidewalk or onto a street. If approved by the Township Engineer, roof drains and sump pumps may be discharged directly to a storm sewer system if such system discharges to a stormwater BMP or water quality facility.
- D. Open swales and gutters. Open swales shall be designed on the basis of Manning's Formula as indicated for collection systems with the following considerations:
- (1) Roughness coefficient. The roughness coefficient shall be 0.040 for earth swales.
  - (2) Bank slopes. Slopes for swale banks shall not be steeper than one vertical to four horizontal.
  - (3) Flow velocity. The maximum velocity of flow as determined by Manning's equation shall not exceed the allowable velocities as shown in the following table for the specific type of material, unless otherwise approved by the Township and the Montgomery County Conservation District.

Note: Source of the following design criteria is the Pennsylvania Department of Environmental Protection, Bureau of Soil and Water Conservation Publication, Erosion and Sediment Pollution Control Program Manual (Document No. 363-2134-008).

<b>Allowable Velocity</b>	
<b>Material</b>	<b>Velocity in feet per second (fps)</b>
Well established grass on good soil	
Short pliant bladed grass	4.0 to 5.0
Bunch grass - soil exposed	2.0 to 3.0
Stiff stemmed grass	3.0 to 4.0
Earth without vegetation	
Fine sand or silt	1.0
Ordinary firm loam	2.0 to 3.0
Stiff clay	3.0 to 5.0
Clay and gravel	4.0 to 5.0
Coarse gravel	4.0 to 5.0
Soft shale	5.0 to 6.0
Shoulders	
Earth	(as defined above)
Stabilized	6.0
Paved	10.0 to 15.0

- (4) Swales shall be stabilized with biodegradable erosion control blanket to permit establishment of permanent vegetation. Swales shall be of such shape and size to effectively contain the 100-year, Rational Method design storm, or greater, and to conform to all other specifications of the Township.
- (5) To minimize sheet flow of stormwater across lots located on the lower side of roads or streets, and to divert flow away from building areas, the cross section of the street as constructed shall provide for parallel ditches or swales or curb on the lower side which shall discharge only at drainage easements, unless otherwise approved by the Township.
- (6) Gutters and swales adjacent to road paving shall be permitted to carry a maximum flow of four cubic feet per second prior to discharge away from the street surface, unless it is proven to the satisfaction of the Township by engineering calculations that the road slopes or other factors would allow higher gutter or swale capacity.
- (7) Flows larger than those permitted in gutters and roadside swales may be conveyed in

swales outside the required road right-of-way in separate drainage easements, or may be conveyed in pipes or culverts inside or outside the required road right-of-way.

- (8) Existing and proposed swales shall be provided with underdrains as deemed necessary by the Township should overland seepage result in potential maintenance problems. Underdrains must discharge into a natural drainage channel or stormwater management system.
  - (9) Where drainage swales are used to divert surface waters away from buildings, they shall be sodded, landscaped, or otherwise protected as required and shall be of a slope, shape, and size conforming to the requirements of the Township. Concentration of surface water runoff shall be permitted only in swales, watercourses, retention or detention basins, bioretention areas, or other areas designed to meet the objectives of this chapter.
  - (10) Except for drainage at roadway stream crossings, artificial swale discharge shall be set back 75 feet from a receiving waterway, and shall be diffused or spread out to reduce and eliminate high-velocity discharges to the impacted ground surface.
- E. Bridge and culvert design. Any proposed bridge or culvert to convey flow within a watercourse, perennial stream, intermittent stream or ephemeral stream shall be designed in accordance with the following principles:
- (1) Culverts and bridges shall be designed with an open bottom to maintain natural sediment transport and bed roughness, avoiding acceleration of water velocity above the natural (preexisting) condition. Rock (rip rap) lining (native material if possible) shall be installed within the culvert as needed to prevent erosion within the structure. Approximate top of rock lining must be at the level of the existing stream bottom so as to maintain unimpeded movement of native animal species and a normal water depth of 12 inches unless a greater depth is required by PADEP.
  - (2) Bottom of opening shall be designed to match the bankfull channel condition in terms of width and depth. The cross-sectional area of the bankfull channel (measured at a reference location upstream of the structure) shall be matched with area in the crossing structure.
  - (3) Above the bankfull elevation, the width shall increase a minimum of 30% to disperse the energy of higher flow volumes and avoid undermining of the supporting structure by secondary currents.
  - (4) The total cross-sectional area of the structure opening must be equal to or greater than the flood-prone area (cross-sectional stream area at a depth of twice the maximum bankfull depth, measured at a reference location upstream of the structure). The flood-prone area is approximately equal to the area flooded by a 50-year return period flood.
  - (5) All bridges, culverts, and drainage channels shall be designed to convey a flow rate equal to a 100-year, 24-hour storm as defined by the United States Department of Agriculture, Soil Conservation Service, Technical Release No. 55. All bridges and culverts shall be designed to convey the 100-year design storm without increasing the extent and depth of the 100-year floodplain, upstream or downstream of the structure.

## F. Storm sewer design.

- (1) Design flow rate. The storm sewer system shall be designed to carry the 100-year-frequency design storm peak flow rate. The drainage area and runoff coefficient to each inlet shall be indicated on the stormwater management plan. The 100-year flow rate shall be determined by the Rational Method formula:

$$Q = CIA$$

Where:

- Q = Peak runoff rate measured in cubic feet per second (cfs).  
 C = Runoff coefficient - The coefficient of stormwater runoff includes many variables, such as ground slope, ground cover, shape of drainage area, etc.  
 I = Intensity - Average rainfall intensity in inches per hour for a time equal to the time of concentration.  
 A = Area - Drainage area in acres.

Values for the rainfall intensity shall be based on NOAA Atlas 14, Volume 2, Version 3.0, rain data found in Table A-3 and Figure A-2 of Appendix A\* of this chapter.

- (2) Consideration shall be given to future land use changes in the drainage area in selecting the Rational ("C") coefficient. For drainage areas containing several different types of ground cover, a weighted value of "C" shall be used.
- (3) In determining the peak flow rate to individual storm sewer inlets (or other collection structures) the time of concentration method (as referenced in § 129-19) shall be used for inlet drainage areas in excess of one acre, unless otherwise approved by the Township. For inlet drainage areas less than one acre, a five-minute time of concentration shall be used unless otherwise approved by the Township.
- (4) In determining the required design flow rate through a storm sewer piping system, if a five-minute time of concentration (storm duration) results in a pipe size exceeding a thirty-inch-diameter pipe (or equivalent flow area of 4.9 square feet), the time of concentration approach (as defined herein) shall be used in determining storm duration.
- (5) In determining the required design flow rate through a storm sewer piping system, if a five-minute time of concentration results in a pipe size exceeding 30 inches, within any run of pipe, the time of concentration approach may be used for sizing of pipes from that point on, by adjusting the time of concentration.
- (6) Overflow system. An overflow system shall be provided to carry all bypass flow and/or flow in excess of storm sewer pipe design capacity, to the detention basin (or other approved outlet point) when the capacity of the system is exceeded. Stormwater runoff will not be permitted to surcharge from storm sewer structures [refer § 129-18C(19)].

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18. Editor's Note: Appendix A is included as an attachment to this chapter.

- (7) Except for drainage at roadway stream crossings, pipe discharge shall be set back 75 feet from a receiving waterway, and the pipe discharge shall be diffused or spread out to reduce and eliminate high-velocity discharges to the impacted ground surface.

G. Grading and drainage.

- (1) After completion of rough grading, a minimum of eight inches of topsoil shall be returned to remaining disturbed areas prior to final grading and seeding.
- (2) Lots shall be graded to secure proper drainage away from buildings and to prevent the collection of stormwater in pools. Minimum 2% slopes shall be maintained away from and around all structures. Separation between the top of foundation wall (or slab) and final grade shall comply with Worcester Township Building Code requirements.
- (3) Construction. The applicant shall construct and/or install such drainage structures and/ or pipe as are necessary to prevent erosion damage and to satisfactorily disperse, infiltrate or carry off such surface waters to the nearest practical BMP, storm drain or natural watercourse.
- (4) Excavation. No excavation shall be made with a cut face steeper in slope than four horizontal to one vertical (4:1 = 25%), except under one or more of the following conditions:
  - (a) The material in which the excavation is made is sufficiently stable to sustain a slope of steeper than 4:1 and a written statement (certification) from a professional civil engineer, licensed in the Commonwealth of Pennsylvania and experienced in erosion control, to this effect is submitted to the Township Engineer for review. This statement shall indicate the site has been inspected and that the deviation from the slope specified herein will not result in injury to persons or damage to property.
  - (b) A concrete, segmental block, or stone masonry wall, constructed in accordance with Township requirements, is provided to support the face of the excavation.
- (5) Fill. No fill shall be made which creates any exposed surface steeper in slope than four horizontal to one vertical (4:1 = 25%) except under one or more of the following conditions:
  - (a) The fill is located so that settlement, sliding, or erosion will not result in property damage or be a hazard to adjoining property, streets, alleys, or buildings.
  - (b) A written statement from a professional civil engineer, licensed in the Commonwealth of Pennsylvania and experienced in erosion control, certifying the site has been inspected and that the proposed deviation from the slope specified above will not endanger any property or result in property damage, is submitted to and approved by the Township.
  - (c) A concrete, segmental block, or stone masonry wall, constructed in accordance with Township requirements, is provided to support the face of the excavation.
- (6) Slopes and fences. The top or bottom edge of slopes shall be a minimum of five feet from property or right-of-way lines of streets or alleys in order to permit the normal

rounding of the edge without encroaching on the abutting property. Where walls or slopes (steeper than two horizontal to one vertical) are approved under the criteria in this chapter, and are four feet or more in height, a protective fence, no less than four feet in height, shall be required at the top of the wall (or bank).

- (7) Cleanup. All lots must be kept free of any debris or nuisances whatsoever during construction.
- (8) Design of erosion and sedimentation control facilities (particularly stormwater/sediment basins) shall incorporate best management practices as defined herein.
- (9) Cut and fill operations shall be kept to a minimum. Wherever feasible, natural vegetation shall be retained, protected, and supplemented. Cut and fills shall not endanger or otherwise adversely impact adjoining property.
- (10) No grading equipment shall be permitted to be loaded and/or unloaded on a public street, and no grading equipment shall be permitted to travel on or across a public street unless licensed for operation on public thoroughfares.
- (11) Grading equipment shall not be permitted to cross intermittent and perennial streams. Temporary crossing shall be permitted only where application is made, and approval is received, from the Pennsylvania Department of Environmental Protection (where applicable), the Montgomery County Conservation District, and Worcester Township.
- (12) Design of energy dissipation for high volume and/or high velocity discharge from storm sewerpipes and channels shall be in accordance with Hydraulic Engineering Circular No. 14, Hydraulic Design of Energy Dissipaters for Culverts and Channels, as published by Department of Transportation, FHA, when deemed necessary by the Township, and as approved by the Montgomery County Conservation District.
- (13) To control the dissemination of mud and dirt on to public roads and driveways, tire cleaning areas constructed of AASHTO No. 1 stone (underlain by geotextile structural fabric), at least 50 feet in length shall be installed at each point of access to the site and individual lots (upon construction of internal streets in a binder condition). When deemed necessary by the Township, washing stations shall also be set up at every construction entrance in order to wash mud and dirt from exiting vehicles. Appropriate measures must be taken to control runoff from such locations. The applicant shall be responsible for the placement of appropriate signage identifying construction entrances and washing stations. Construction entrances shall be maintained by the applicant during construction, as determined by the Township.
- (14) In the event any mud and/or debris is transported from the site onto a public roadway, the debris shall be removed immediately and the roadway swept and/or washed as deemed necessary by the Township at the owner's expense.
- (15) Adequate provision shall be made to prevent surface water from damaging the cut face of excavation and the sloping surfaces of fills.

#### H. Stormwater detention/retention basins.

- (1) If permanent ponds (retention basin) are proposed, the applicant shall demonstrate that such ponds are designed to protect the public's health and safety. Should any stormwater management facility require a dam safety permit under the PADEP Chapter 105 regulations, the facility shall be designed in accordance with Chapter 105 and meet the regulations of Chapter 105 concerning dam safety which may be required to pass storms larger than a 100-year event.
- (2) During construction, duly authorized representatives of Worcester Township may enter at any reasonable time upon any property within the Township to investigate whether construction activity is in compliance with this chapter.
- (3) When basins are provided, they shall be designed to utilize the natural contours of the land whenever possible. When such design is not practical, the construction of the basin shall utilize slopes as flat as possible to blend the structure into the terrain. To minimize the visual impact of detention basins, they shall be designed to avoid the need for safety fencing. To meet this requirement, detention basins shall be designed as follows:
  - (a) Maximum depth of detained runoff shall be 24 inches for a two-year or ten-year storm event.
  - (b) Maximum depth of detained runoff shall be 36 inches for a 100-year storm event.
  - (c) The basin inflow and outflow structures shall not be located directly across from each other and shall not be in close proximity to one another. A length-to-width ratio in all detention/retention basins and other such storage facilities of at least 2:1 shall be provided to maximize the flow path between the inflow point and the outlet structure. The distance between these two structures must be at least 50% of the maximum length of the basin as measured at the top of berm elevation. Alternatively, a means for extending the time of surface flow from basin inflow point to basin outlet structure, designed to the satisfaction of the Township Engineer, may be utilized.
- (4) Except with the one-year design storm, basins shall be designed so that they return to normal conditions within approximately 12 hours after the termination of the storm, unless the Township determines that downstream conditions may warrant other design criteria for stormwater release.
- (5) Landscaping and planting in and around the perimeter of basins shall be provided. Proposed planting shall also be in accordance with the provisions of this chapter, the Subdivision and Land Development Ordinance,<sup>9</sup> and as recommended by the Township Engineer. When a detention basin is not designed as a stormwater management constructed wetland, it shall be planted with low-maintenance grass or similar satisfactory to the Township.
- (6) If a stormwater management basin will serve as a temporary sediment control device, the temporary sediment control measures shall be shown including perforated riser pipes or sandboxes, filter berms, cleanout stakes and other measures as may be required

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19. Editor's Note: See Ch. 130, Subdivision and Land Development.

by Pennsylvania Department of Environmental Protection, Chapter 102 regulations.<sup>20</sup> Plans for such facilities shall require Montgomery County Conservation District approval prior to implementation. Sedimentation basins shall be in place prior to any earthmoving activities within their tributary drainage areas. A note identifying the above criteria shall be on all plan sheets required to be recorded as well as the development agreement with the Township and the stormwater management facilities operation and maintenance agreement.

- (7) Stormwater management basins shall be in place before the creation of any new impervious surfaces on the site. As-built drawings of the basins(s) shall be submitted to the Township for review. The basin shall not be considered functional until it is proved by the developer that the basin meets the volume requirements and the outflow characteristics of the original design of the basin(s).
- (8) Runoff shall not be directed to any infiltration structure until all tributary drainage areas are permanently stabilized.
- (9) Except where otherwise identified herein, all detention or retention basins shall have slopes of four horizontal to one vertical (4:1 = 25%), or flatter on the basin's outer berm and five horizontal to one vertical or less on the basin's inner berm. The top or toe of any slope shall be located a minimum of five feet from any property line. The maximum difference between the top of berm elevation and the invert elevation of the outlet structure shall be seven feet.
- (10) All portions of a detention basin bottom shall have a minimum slope of 2%. For portions of basin bottoms with grades less than 2%, the applicant shall provide a landscape design, which minimizes maintenance provisions and encourages infiltration. These requirements may be altered when approved by the Township Engineer.
- (11) Basin berm construction requirements.
  - (a) Site preparation. Areas under the embankment and any structural works shall be cleared, grubbed, and the topsoil stripped to remove the trees, vegetation, roots or other objectionable material. In order to facilitate cleanout and restoration, the pool area will be cleared of all brush and excess trees except where designed to retain such existing vegetation as stormwater BMPs.
  - (b) Cutoff trench. A cutoff trench will be excavated along the center line dam on earth fill embankments. The minimum depth shall be two feet. The cutoff trench shall extend up both abutments to the riser crest elevation. The minimum bottom width shall be eight feet but wide enough to permit operation of compaction equipment. The side slopes shall be no steeper than 1:1. Compaction requirements shall be the same as those for the embankment. The trench shall be kept free from standing water during the backfilling operations.
  - (c) Embankment:
    - [1] The fill material shall be taken from the selected borrow areas. It shall be free

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20. Editor's Note: See 25 Pa. Code Chapter 102.

of roots, wood vegetation, oversized stones, rocks or other objectionable material. Areas on which fill is to be placed shall be scarified prior to placement of fill.

- [2] The fill material should contain sufficient moisture so that it can be formed by hand into a ball without crumbling. If water can be squeezed out of the ball, it is too wet for proper compaction.
  - [3] Fill material will be placed in six-to-eight-inch layers and shall be continuous over the entire length of the fill. Fill material must be compacted to a minimum of 95% of Modified Proctor Density as established by ASTM D-1557. Compaction testing by a certified soils engineer/geologist must be completed as directed by the Township Engineer to verify adequate compaction has been achieved. Compaction tests shall be run on the leading and trailing edge of the berm along with the top of the berm. Verification of required compaction shall be submitted to the Township prior to utilization of any basin for stormwater management.
- (12) Emergency overflow facilities/spillway shall be provided within basins in order to convey basin inflow in excess of design flows, out of the basin, or in the event the outlet structure becomes blocked and is unable to convey flow. Emergency spillways discharging over embankments shall be constructed of reinforced concrete checkerblocks to protect the berm against erosion. The checkerblocks shall be back-filled with topsoil and seeded. Checkerblock lining shall extend to the toe of the embankment on the outside of the berm, and shall extend to an elevation of three feet below the spillway crest on the inside of the berm. Vegetated spillways may be utilized for spillways constructed entirely on undisturbed ground (i.e., not discharging over fill material). A dense cover of vegetation shall be rapidly established in such spillways by sodding or seeding with a geotextile anchor. The vegetated spillway must be stabilized before runoff is directed to the basin. The minimum capacity of all emergency spillways shall be equivalent to the peak flow rate of the 100-year, postdevelopment design storm (entering to the basin).
  - (13) In all cases, the discharge end of the basin shall be provided with a properly designed outlet control structure (headwall, orifice structure or other approved flow control structure), culvert pipe, and endwall. Perforated riser pipes alone, without provision for permanent outlet control structure (as stated above), and culvert pipe are not permitted for permanent basins.
  - (14) The minimum top of basin berm width (at the design elevation) shall be 10 feet.
  - (15) The minimum freeboard through the emergency spillway shall be one foot. Freeboard is defined as the difference between the design flow elevation through the spillway and the elevation of the top of the settled basin berm.
  - (16) Antiseep collars shall be installed around the pipe barrel and shall be centered within the normal saturation zone of the berm. The antiseep collars and their connections to the pipe barrel shall be watertight. The antiseep collars shall be cast-in-place in the field and extend a minimum of two feet beyond the outside of the principal pipe barrel. Precast

collars shall be permitted if approved by the Township Engineer. A minimum of two collars shall be installed on each basin outlet pipe. Collars shall have a minimum thickness of 12 inches and may not be installed within two feet of pipe joints.

- (17) A perforated sediment control structure, sized in accordance with Montgomery County Conservation District requirements, shall be provided at each basin outlet structure (if more than one is to be utilized) for sediment control. Sediment control structures shall not be removed until the entire area tributary to the basin has been permanently stabilized and until approved by the Montgomery County Conservation District.
- (18) Stormwater management facility outlet piping shall be Class II reinforced O-ring concrete pipe. All joints shall be mortared. Crushed stone bedding/backfill shall not be utilized through basin berms.
- (19) The grate of the basin outlet structure shall be at least six inches lower than the elevation of the earthen emergency spillway. Six inches, minimum, is also required between the routed 100-year water surface elevation and top of grate of the outlet structure.
- (20) Energy dissipating devices (rock lining/rip rap, or other approved materials) shall be provided at all basin outlets and shall be sized in accordance with Pennsylvania Department of Environmental Protection, Bureau of Soil and Water Conservation Publication, Erosion and Sediment Pollution Control Program Manual, latest revision.
- (21) Stone gabion baskets or concrete or segmental block retaining walls shall not be permitted for use in construction of detention/retention basins within the berm or within the 100-year water surface elevation (as measured through the earthen emergency spillway).
- (22) An access easement and stabilized access drive to stormwater detention facilities shall be provided for maintenance and operation. This access easement shall be cleared and, when possible, be at least 20 feet in width. Multiple accesses shall be encouraged for major facilities. The developer shall provide access easements and drives of interlocked, reinforced pervious paving systems (back-filled with topsoil and seeded) or other similar paver acceptable to the Township Engineer, over a six-inch bed of compacted PennDOT Type 3A coarse aggregate (or approved equivalent). Accessways to basins shall be a minimum of 10 feet wide and be no steeper in slope than 10 feet horizontal to one foot vertical (10:1). In addition, depressed curb and reinforced concrete apron (six-inch minimum thickness) shall be provided where the accessway enters a street/driveway and the stabilized driveway shall extend from the bottom of the interior basin berm embankment to the point of access to the basin from a public right-of-way or paved driveway within an access easement. The access easement shall be owned and maintained by the same entity owning the stormwater management facility and shall allow access by Worcester Township or its designee for emergency inspection and/or maintenance at any reasonable time.
- (23) If the basin is not designed to meet the requirements of § 129-18H(3) a split-rail fence must be provided as follows:
  - (a) A level area (two-percent slope) eight feet in width shall be provided on both the

inside and outside of the fence, along the entire length of the fence for proper access by maintenance equipment. The total width of this generally level area shall be at least 16 feet.

- (b) Each basin fence installation shall include two points of access with ten-foot-wide self-closing, self-latch gates to allow for maintenance equipment/vehicle access.
- (c) Fence shall be split-rail consisting of locust posts (two or three rail), four feet high, minimum, with assorted hardwood rails (eight feet to 10 feet long), and epoxy coated wire mesh (black or green in color) installed six inches above finished grade. The mesh shall be installed on the outside of the fence.
- (d) Split-rail fence shall also be required around any detention or retention basin, where directed by Worcester Township.

(24) Landscaping:

- (a) The perimeter berms and embankments of retention/detention basins including wet ponds, and artificial wetland stormwater management BMPs shall be designed to create a natural appearance and reduce future maintenance requirements. Landscaping shall include a mixture of native tall grasses and perennial plants, ground cover, shrubs, and trees to eliminate the necessity of periodic mowing.
- (b) Artificial wetland basins shall be designed pursuant to requirements of the Pennsylvania Stormwater BMP Manual. Plant material and arrangement shall be subject to approval of the Township Engineer.
- (c) Retention/detention basins.

[1] The perimeter of the retention/detention basin shall be landscaped with a mixture of deciduous trees, evergreens, and shrubs arranged in an informal manner. Retention basin (wet ponds) and artificial wetland basin landscaping shall be designed to create a "natural" appearance. Minimum plant material shall include the following per 100 linear feet of basin perimeter measured at the 100-year water surface elevation:

[a] Three evergreen trees (minimum height five feet).

[b] Two deciduous trees (minimum caliper 2 1/2 inches).

[c] Five shrubs (minimum height three feet).

[2] Retention/detention basin landscaping design is subject to approval by the Township.

(25) Special requirements for stormwater detention/retention BMPs within defined exceptional-value and high-quality watersheds as defined in Chapter 93, Water Quality Standards, Title 25, Pennsylvania Department of Environmental Protection Rules and Regulations:

- (a) Temperature-sensitive BMPs and stormwater conveyance systems are to be used

and designed with storage pool areas and supply outflow channels, and shaded with trees. At a minimum, the southern half of pond shorelines shall be planted with shade or canopy trees and understory shrubs within 10 feet of the pond shoreline. In conjunction with this requirement, the maximum slope allowed on the berm area to be planted is 10 to 1. This will lessen the destabilization of berm soils due to root growth. A long-term maintenance schedule and management plan for the thermal control BMPs must be identified on the stormwater management site plan and recorded at the Montgomery County Recorder of Deeds for all development sites.

- (b) As an alternative to mitigating the temperature of stormwater runoff as described in § 129-18H(25)(a), alternative temperature-sensitive BMPs may be utilized, if approved by the Township Engineer, upon the applicant demonstrating such BMPs will effectively reduce the temperature of detained runoff before it is released from the development site. Such alternative BMPs may include, but are not limited to, facilities that cool runoff through underground storage and filtration and retention ponds/basins where outflow from the facility is drawn from a depth of five feet (or greater) below the permanent pool surface.
- (26) At the conclusion of all construction and after all stormwater facilities have received final approval, the applicant shall offer the facilities for dedication to the Township, with the following requirements:
- (a) The dedicated area shall include the entire ponded area for the 100-year storm event and the outside slope at the berm.
  - (b) The dedicated area shall not be considered part of the open space and recreation land required elsewhere in the Subdivision and Land Development Ordinance and Zoning Ordinance.<sup>21</sup>
  - (c) The applicant shall provide for the special financial burden the Township will be accepting if the Township accepts the detention basin maintenance. To help mitigate this future financial burden, the applicant shall contribute to the Township a cash payment in an amount to be calculated by the Township Engineer, which amount shall include all estimated costs to inspect, maintain, and repair the facilities during a ten-year period.
- (27) If the Township declines dedication of the basin, the applicant shall provide written assurance, satisfactory to the Township, that the retention/detention basin will be properly maintained. Such assurances shall be in a form of a covenant that will run with the land and shall provide for Township maintenance at the cost of the landowner in case of default, and further provide for assessment of costs and penalties in case of default.
- I. All developments that create impervious surface shall provide capacity for and treatment of the calculated water quality volume and recharge volume unless exempt under § 129-5. In potential stormwater BMPs, the order of preference is as follows: 1) infiltration BMPs; 2)

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21. Editor's Note: See Ch. 130, Subdivision and Land Development, and Ch. 150, Zoning.

flow attenuation methods (e.g. vegetated open swales and natural depressions); 3) artificial wetlands, bioretention structures, and wet ponds; 4) minimum first flush detention or dual purpose detention (where appropriate). Infiltration BMPs shall be utilized unless the applicant can demonstrate use of infiltration techniques is not feasible due to site conditions, based upon site-specific soil testing. Vegetated swales, wetlands or artificial wetlands and bioretention structures shall be utilized wherever possible if infiltration BMPs are deemed unfeasible. BMP techniques can and should be used in conjunction with each other (e.g., vegetated swales with infiltration or retention facilities).

- (1) Infiltration best management practices (BMPs). Infiltration BMPs shall be designed in accordance with the design criteria and specifications of the Pennsylvania Stormwater BMP Manual (2006) and shall conform to the following minimum requirements:
  - (a) A soils evaluation and infiltration/permeability testing of the project site shall be conducted in accordance with Appendix B<sup>2</sup> of this chapter.
  - (b) A minimum soil depth of 18 inches shall be provided between the bottom of the infiltration BMPs and the top of bedrock or seasonally high-water table. The minimum required separation between the infiltration surface and these limiting zones shall be increased by the Township should project-specific conditions exist (such as anticipated increased contaminants) which dictate greater prevention of groundwater contamination.
  - (c) Infiltration BMPs must have an infiltration rate sufficient to accept the design stormwater load and dewater completely as determined by field permeability tests. The minimum field-tested infiltration rate permitted for construction of infiltration BMPs shall be 0.2 inch/hour (in/hr). A safety factor of 50% shall be applied to field-tested rates to determine the infiltration rate that must be utilized for design of infiltration BMPs (e.g., for soil which measured 0.4 in/hr, the BMP design rate shall be 0.2 in/hr to insure effective infiltration after construction).
  - (d) Infiltration BMPs intended to receive rooftop runoff shall include appropriate measures such as leaf traps and cleanouts to prevent clogging by vegetation. Surface inflows shall be designed to prevent direct discharge of sediment into the infiltration system.
  - (e) Adequate storage shall be provided to accommodate the volume of runoff calculated as the difference between the predevelopment runoff volume and postdevelopment runoff volume based on the 100-year design storm.
  - (f) The facility shall be designed to control the postdevelopment peak rate of runoff to the predevelopment peak rate of runoff for all design storms identified in § 129-13 of this chapter.
  - (g) An overflow or spillway shall be provided that safely permits the passing of runoff greater than that occurring during the 100-year design storm event.
  - (h) Underground infiltration basins and BMPs shall have positive overflow controls to

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22. Editor's Note: Appendix B is included as an attachment to this chapter.

prevent storage within one foot of the finished surface over the basin.

- (i) When infiltration methods such as seepage pits, beds, or trenches are proposed, the locations of existing and proposed septic tanks, infiltration areas, and wells must be shown. A separation distance of no less than 50 feet shall be provided between any septic system and any facility used for stormwater management and infiltration.
  - (j) A minimum of 30 feet of undisturbed soil shall separate the foundation wall of any building and an infiltration BMP, unless a lesser distance is approved by the Township or Township engineer, based on site conditions or selected BMP.
  - (k) All infiltration facilities shall be designed to completely infiltrate runoff volume within two days (48 hours) from the peak of the design storm.
  - (l) Special attention shall be paid to proper installation of infiltration-oriented stormwater management systems during the construction and to careful avoidance of soil compaction during site development. Areas proposed for infiltration BMPs shall be protected from sedimentation and compaction during the construction phase, so as to maintain their maximum infiltration capacity.
  - (m) The Township may require the installation of a mitigative layer or an impermeable liner in an infiltration BMP and/or other stormwater structure that impounds runoff, where the possibility of groundwater contamination exists. A detailed hydrogeologic investigation may be required by the Township.
  - (n) Infiltration BMPs shall not be constructed nor receive runoff until the entire contributory drainage area to the infiltration BMP has achieved final stabilization.
  - (o) Infiltration BMPs shall be designed based on field-tested infiltration/permeability rates at the level of the proposed infiltration surface(s) and based on a safety factor of 50%.
- (2) Noninfiltration facilities used as best management practices (BMPs). All facilities shall be designed in accordance to the design criteria and specifications in the Pennsylvania Stormwater BMP Manual.
  - (3) Artificial wetlands, wet ponds, and bioretention structures.
    - (a) Wet pond BMPs shall meet the following requirements:
      - [1] Wet ponds shall be constructed on hydric or wet soils and/or soils which have an infiltration rate of less than 0.2 inch/hour.
      - [2] A minimum drainage area of five acres shall be directed to the pond unless a source of recharge is utilized such as a natural spring or well.
      - [3] The length of the pond between the inflow and outlet points shall be maximized. In addition, an irregular shoreline shall be provided. By maximizing the flow length through the pond and providing an irregular shoreline, the greatest water quality benefit will be achieved by minimizing

"short circuiting" of runoff flowing through the pond.

- [4] A shallow forebay shall be provided adjacent to all inflow areas. The forebay shall be planted as a marsh with emergent wetland vegetation. The forebay serves to enhance sediment trapping and pollutant removal, as well as concentrating accumulated sediment in an area where it can be readily removed.
- [5] All wet ponds shall be designed with public safety as a primary concern. An aquatic safety bench shall be provided around the perimeter of the permanent pool. The depth of the bench shall be a maximum of 15 inches and a minimum of 12 inches for a width of at least 10 feet. A 3:1 slope shall lead from the edge of the safety bench toward the deep water portion of the pond. At least 15 feet of 3:1 slope shall be provided from the edge of the safety bench. Slopes in the remainder of the pond below the permanent pool elevation shall be a maximum of 2:1.
- [6] The perimeter slope above the permanent pool shall have a maximum slope of 5:1.
- [7] Wet ponds shall have a deep water zone of at least five feet to encourage gravity settling of suspended fines, and prevent stagnation and possible eutrophication.
- [8] Wet ponds shall be capable of being substantially drained by gravity flow. Wet ponds shall be equipped with a manually operated drain that can be secured against unauthorized operation.
- [9] A planting plan shall be developed for the wet pond, showing all proposed aquatic, emergent, and upland plantings required pursuant to this chapter and the Zoning and Subdivision and Land Development Ordinances<sup>23</sup> (where specifically identified).
- [10] Wet ponds shall be designed to discourage use by Canada geese. Techniques employed shall include the following:
  - [a] Elimination of straight shorelines, islands, and peninsulas;
  - [b] Placement of walking paths (where applicable) along the shoreline;
  - [c] Placement of grassed areas (i.e., playing fields) at least 450 feet from the water surface;
  - [d] Vegetative barriers;
  - [e] Rock barriers;
  - [f] Installation of tall trees within 10 feet of the water surface;

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23. Editor's Note: See Ch. 130, Subdivision and Land Development, and Ch. 150, Zoning.

[g] Use of ground covers not palatable to Canada geese.

[h] Other techniques as approved by the Township Engineer.

(b) Artificial wetland BMPs shall meet the following requirements:

- [1] Artificial wetlands shall be constructed on hydric or wet soils and/or soils which have an infiltration rate of less than 0.2 inch/hour.
- [2] Runoff entering artificial wetlands shall be filtered through a sediment removal device before entering the wetland.
- [3] A planting plan shall be developed for the artificial wetland showing all proposed aquatic, emergent, and upland plantings required pursuant to this chapter and the Zoning and Subdivision and Land Development Ordinances<sup>24</sup> (where specifically identified). The planting plan shall be developed to provide a diversity of species resulting in a dense stand of wetland vegetation.
- [4] At least 75% of the surface area of the wetland shall be developed as a shallow water emergent wetland, with a water depth of less than 12 inches. The remainder shall be constructed as open water with depths between two feet and four feet.

(4) Minimum first flush detention/dual purpose BMPs.

(a) Minimum first flush detention/dual purpose detention basin BMPs shall be designed to meet the following requirements:

- [1] Postdevelopment runoff from a "water quality storm" (a one-year, twenty-four-hour event) shall be released over a minimum period of 24 hours.
- [2] Two stage basins shall be utilized where first flush detention will be employed for water quality and conventional detention used for peak rate control of storms exceeding the one-year, twenty-four-hour event.
- [3] Two stage basins shall be constructed so that the lower part of the basin is graded to detain stormwater from the "water quality storm," and the remainder of the basin graded as a flat overbank area to provide storage only for the larger, less frequent storm events. The overbank area is encouraged to be developed as an active or passive recreational area.
- [4] The area inundated by the "water quality storm" is encouraged to be maintained as a wetland environment, which will increase the water quality benefits of the first flush/dual purpose detention basin, and will prevent the need for mowing of a frequently saturated area.

J. Riparian corridor restoration. Within all subdivisions and nonresidential land developments, from the top of watercourse bank, 75 feet on either side of the watercourse, which contains wetlands and/or floodplain, shall be planted to establish a Zone 1 and Zone 2 buffer as

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24. Editor's Note: See Ch. 130, Subdivision and Land Development, and Ch. 150, Zoning.

defined and in accordance with the Pennsylvania Handbook of Best Management Practices for Developing Areas, 1998, Riparian Forested Buffer. Where existing vegetation on the site essentially duplicates buffer requirements, this provision shall not apply. Additionally, this requirement may be modified or waived by the Board of Supervisors where existing man-made improvements or agricultural operations to be retained encroach within the buffer area.

K. General design requirements.

- (1) Prior to finish grading of a development site and final overlay of streets, roads, and driveways, temporary measures, acceptable to the Township, shall be taken to ensure that all runoff intended to be intercepted and collected by an inlet or other facility will be collected. The plan shall include such details, notes, or specification including bituminous "eyebrows" at inlets, diversion berms, etc.
- (2) Water originating from other than natural sources, such as air conditioning units, sump pumps, or other dry weather flow, wherever practical and possible, shall be connected first to an infiltration BMP, and if that is not possible, then to a storm sewer, street drainage structure, or other approved stormwater conveyance facility that is designed as part of a stormwater management BMP.
- (3) All stormwater runoff and floodplain calculations and stormwater management facilities design shall be prepared by a professional engineer licensed in the Commonwealth of Pennsylvania.
- (4) When subdivisions or land developments are submitted to the Township for approval in sections, a complete storm sewer design for the proposed subdivision and land development shall be submitted. The proposed design must include the entire tract and not a portion.
- (5) The design of all stormwater management facilities shall incorporate sound engineering principles and practices. The Township shall reserve the right to disapprove any design that would result in the occupancy or continuation of an adverse hydrologic or hydraulic condition within the watershed.

L. All stormwater control facility designs shall conform to the applicable standards and specifications of the following governmental and institutional agencies:

- (1) American Society of Testing and Materials (ASTM).
- (2) Asphalt Institute (AI).
- (3) Montgomery County Conservation District (MCCD).
- (4) Federal Highway Administration (FHWA).
- (5) National Crushed Stone Association (NCSA).
- (6) National Sand and Gravel Association (NSGA).
- (7) Pennsylvania Department of Environmental Protection (PADEP).
- (8) Pennsylvania Department of Transportation (PADOT).

- (9) United States Department of Agriculture, Natural Resources Conservation Service, Pennsylvania (USDA, NRCS, PA).

**§ 129-19. Calculation methodology.**

- A. Stormwater runoff peak discharges from all development sites with a drainage area equal to or greater than 50 acres shall be calculated using a generally accepted calculation technique that is based on the NRCS Soil Cover Complex Method. The Rational Method may be used to estimate peak discharges from drainage areas that contain less than 100 acres as approved by the Township Engineer. The Rational Method is recommended for watershed areas under 50 acres. Table 129-19.1 summarizes acceptable computation methods. The method shall be selected by the applicant based on the individual limitations and suitability of each method for a particular site.

<b>Table 129-19.1 Acceptable Computation Methodologies for Stormwater Management Designs</b>		
<b>Method</b>	<b>Method Developed By</b>	<b>Applicability</b>
TR-20 (or commercial computer package based on TR-20)	USDA NRCS	Applicable where use of full hydrology computer model is desirable or necessary
TR-55 (or commercial computer package based on TR-55)	USDA NRCS	Applicable for land development plans within limitations described in TR-55
HEC-1, HEC-HMS	U.S. Army Corps of Engineers	Applicable where use of full hydrologic computer model is desirable or necessary
PSRM	Penn State University	Applicable where use of a hydrologic computer model is desirable or necessary; simpler than TR-20 or HEC-1
Rational Method (or commercial computer package based on Rational Method)	Emil Kuichling (1889)	Applicable sites less than 50 acres, or as approved by the Township Engineer
Other methods	Varies	Other computation methodologies approved by the Township Engineer

- B. All calculations consistent with this chapter using the Soil Cover Complex Method shall use the appropriate design rainfall depths for the various return period storms according to the National Oceanic and Atmospheric Administration (NOAA) Atlas 14, Volume 2, Version 3.0, rain data corresponding to the Graterford 1E rain gage (No. 36-3437), Schwenksville,

Pennsylvania, as presented in Table A-1 of Appendix A of this chapter. The SCS Type II rainfall curve data from NOAA is listed in Figure A-1 in Appendix A<sup>25</sup> of this chapter. This data may also be directly retrieved from the NOAA Atlas 14, Volume 2, Version 3.0 website: [hdsc.nws.noaa.gov/hdsc/pfds](http://hdsc.nws.noaa.gov/hdsc/pfds). If a hydrologic computer model such as PSRM or HEC-1/HEC-HMS is used for stormwater runoff calculations, then the duration of rainfall shall be 24 hours.

- C. Runoff curve numbers (CN) for both existing and proposed conditions to be used in the Soil Cover Complex Method shall be obtained from Table A-2 in Appendix A<sup>26</sup> of this chapter.
- D. Suggested runoff coefficients (C) for both existing and proposed conditions for use in the Rational Method are contained in Table A-4 in Appendix A<sup>27</sup> of this chapter.
- E. All calculations using the Rational Method shall use rainfall intensities consistent with appropriate time of concentration for overland flow and return periods from NOAA Atlas 14, Volume 2, Version 3.0, rain data corresponding to the Graterford 1E rain gage (No. 36-3437), Schwenksville, Pennsylvania, as presented in Table A-3 of Appendix A<sup>28</sup> of this chapter. The Rational Method rainfall curve data from NOAA is listed in Figure A-2 in Appendix A of this chapter. Times of concentration for overland flow shall be calculated using the methodology presented in Chapter 3 of Urban Hydrology for Small Watersheds, NRCS, TR-55 (as amended or replaced from time to time by NRCS). Times of concentration for channel and pipe flow shall be computed using Manning's equation.
- F. For the purposes of existing conditions flow rate determination for all development activity, undeveloped land and existing impervious surfaces shall be considered as "meadow" in good condition, unless the natural ground cover generates a lower curve number (CN) or Rational "C" value (e.g., forest), as listed in Tables A-2 and A-4 in Appendix A<sup>29</sup> of this chapter. Wooded areas shall use a ground cover of "woods in good condition." An area shall be considered wooded if there is a contiguous canopy of trees existing over an area of 1/4 acre or more.
- G. Where uniform flow is anticipated, the Manning equation shall be used for hydraulic computations, and to determine the capacity of open channels, pipes, and storm sewers. Values for Manning's roughness coefficient (n) shall be consistent with Table A-5 in Appendix A<sup>30</sup> of this chapter.
- H. Outlet structures for stormwater management facilities shall be designed to meet the performance standards of this chapter using any generally accepted hydraulic analysis technique or method.
- I. The design of any stormwater management facilities intended to meet the performance standards of this chapter shall be verified by routing the design storm hydrograph through

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25. Editor's Note: Appendix A is included as an attachment to this chapter. 26.

Editor's Note: Appendix A is included as an attachment to this chapter. 27.

Editor's Note: Appendix A is included as an attachment to this chapter. 28.

Editor's Note: Appendix A is included as an attachment to this chapter. 29.

Editor's Note: Appendix A is included as an attachment to this chapter. 30.

Editor's Note: Appendix A is included as an attachment to this chapter.

these facilities using the Storage Indication Method. For drainage areas greater than 20 acres in area, the design storm hydrograph shall be computed using a calculation method that produces a full hydrograph.

- J. The time of concentration ( $T_c$ ) is the time required for water to flow from the hydraulically most remote point of the drainage area to the point of interest (design point). Use of the Rational formula requires calculation of a  $T_c$  for each design point within the drainage basin. Travel time estimation for the Rational Method shall be based on NRCS Technical Release No. 55 (2nd Edition). For design purposes the time of concentration may not be less than five minutes. Travel time ( $T_t$ ) is the time it takes runoff to travel from one location to another in a watershed (subreach) and is a component of time of concentration.  $T_c$  is computed by summing all the travel times for consecutive components of the drainage conveyance system.
- K. Water moves through a watershed as sheet flow, shallow concentrated flow, open channel flow, or some combination of these. Sheet flow rates shall be calculated using the NRCS TR-55 (1986) variation of the kinematic wave equation. Sheet flow length may not exceed 50 feet over paved surfaces and 150 feet over unpaved surfaces. Maximum permitted sheet flow length shall be 150 feet unless site-specific conditions exist (that can be demonstrated) that warrant an increase of the sheet flow length. Under no circumstances shall sheet flow length exceed 300 feet. Shallow concentrated flow time and open channel flow time shall be calculated using standard engineering methodologies.

#### **§ 129-20. Erosion and sedimentation control requirements.**

- A. Whenever vegetation and topography are to be disturbed, such activity must be in conformance with Chapter 102, Title 25, Rules and Regulations, Part 1, Commonwealth of Pennsylvania, Department of Environmental Protection, Subpart C, Protection of Natural Resources, Article II, Water Resources, Chapter 102, Erosion Control, and in accordance with the Montgomery County Conservation District and the standards and specifications of the Township. Various BMPs and their design standards are identified in the PADEP Erosion and Sediment Pollution Control Program Manual (March 2012), as amended and updated.
- B. No regulated earth disturbance activities within the Township shall commence until approval by the Township of an erosion and sediment control plan for construction activities.
- C. In addition, under 25 Pa.Code Chapter 92,<sup>31</sup> a PADEP NPDES Construction Activities Permit is required for regulated earth disturbance activities of one or more acres.
- D. Evidence of any necessary permit(s) for regulated earth disturbance activities from the appropriate PADEP regional office or County Conservation District must be submitted to the Township.
- E. A copy of the erosion and sediment control plan and any required permit, as required by PADEP or Montgomery County Conservation District regulations, shall be available at the project site at all times.
- F. Additional erosion and sedimentation control design standards and criteria that must be

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31. Editor's Note: Chapter 92 of Title 25 of the Pennsylvania Code was reserved 10-8-2010, effective 10-9-2010. It was replaced by Chapter 92a, National Pollutant Discharge Elimination System (NPDES) Permitting, Monitoring and Compliance.

applied where infiltration BMPs are proposed include the following:

- (1) Areas proposed for infiltration BMPs shall be protected from sedimentation and compaction during the construction phase, so as to maintain their maximum infiltration capacity. Thirty-three-inch super filter fabric fence (or other approved protection mechanism) must be installed around proposed infiltration areas to prevent encroachment and compaction by construction equipment.
  - (2) Infiltration BMPs shall not be constructed nor receive runoff until the entire contributory drainage area to the infiltration BMP has received final stabilization. If necessary, thirty-three-inch super filter fabric fence (or other approved protection mechanism) must be installed in the vicinity of infiltration area to prevent contamination by runoff containing suspended sediment.
  - (3) Areas of the site to remain undisturbed shall be protected from encroachment by construction equipment/vehicles to maintain the existing infiltration characteristics of the soil. Four-foot-high orange safety fence or other similar protection fence approved by the Township must be installed around the entire limit of disturbance/clearing prior to commencement of earthmoving activities, and maintained until completion of all construction activity.
- G. Peak discharge rates from the site during land disturbance shall comply with the appropriate sections in this chapter related to allowable postdevelopment stormwater runoff rates, with the following additions:
- (1) For purposes of calculating required detention storage during land disturbance, peak discharges shall be calculated based upon the runoff coefficients for bare soils during the period of maximum anticipated disturbance from clearing and grading, in combination with the entire quantity of proposed impervious surface installation, indicated on the development plan. Runoff controls shall insure that the peak rate of "during construction" runoff does not exceed predevelopment runoff rates for the one-year-frequency through 100-year-frequency design storm events. Detention storage during the period of land disturbance and prior to establishment of permanent cover may require additional detention facilities on a temporary basis. Such measures shall be located so as to preserve the natural soil infiltration capacities of the planned infiltration areas. Calculations based on the above parameters must be submitted to verify compliance with this requirement.
  - (2) Wherever soils, topography, cut and fill or grading requirements, or other conditions suggest substantial erosion potential during land disturbance, the Township may require that the entire volume of all storms up to a two-year storm from the disturbed areas be retained on site and that special sediment trapping facilities (such as check dams, etc.) be installed.
- H. Areas of the site to remain undisturbed shall be protected from encroachment by construction equipment/vehicles to maintain the existing infiltration characteristics of the soil.

**ARTICLE IV**  
**Stormwater Management Application and Permit Requirements**

**§ 129-21. General requirements.**

- A. For any of the development activities regulated by this chapter as defined pursuant to § 129-4E, the final approval of subdivision and/or land development plans, the issuance of any building, zoning, or occupancy permit, or the commencement of any land disturbance activity may not proceed until the property owner or developer or his/her agent has received a stormwater management permit (permit) or approval of a stormwater management exemption by the Township. Final approval of a subdivision and/or land development plan and recordation of same with the Montgomery County Recorder of Deeds shall constitute approval of the stormwater management permit for stormwater facilities/BMPs proposed on the plan.
- B. A stormwater management site plan (SMSP) shall be required in conjunction with a stormwater management permit for all regulated development activities that do not qualify for exemption from the provisions of this chapter pursuant to § 129-5B and C. The SMSP shall include all items identified pursuant to § 129-22. The SMSP approved by the Township shall be on site throughout the duration of the regulated activity.
- C. A simplified stormwater management site plan (SSMSP) shall be required in conjunction with a Permit for regulated development activities qualifying for exemption of the provisions of this chapter pursuant to § 129-5C. The SSMSP shall include all items identified pursuant to § 129-23. The SSMSP approved by the Township shall be on site throughout the duration of the regulated activity.
- D. A stormwater management permit shall be issued only upon approval of a stormwater management site plan or simplified stormwater management site plan by the Township. A stormwater management permit is not required for regulated activities exempt pursuant to § 129-5B of this chapter, but approval of a stormwater management exemption must be issued by the Township pursuant to § 129-5B and E, prior to commencement of regulated activities.

**§ 129-22. Stormwater management site plan (SMSP) contents and requirements.**

For all regulated activities not exempt from provisions of this chapter, a stormwater management site plan (SMSP) is required and shall consist of all applicable calculations, maps, and plans. A note on the maps shall refer to the associated computations and erosion and sedimentation control plan by title and date. The cover sheet of the computations and erosion and sedimentation control plan shall refer to the associated maps by title and date. All SMSP application documents shall be submitted to the Township in a format that is clear, concise, legible, neat, and well organized; otherwise, the stormwater management site plan shall be disapproved and returned to the applicant. The following items shall be included in the stormwater management site plan:

- A. Four copies of the completed Township Stormwater Management Application form.
- B. Stormwater management review fee and escrow, as established by separate resolution of the Township Supervisors.
- C. Feasibility analysis.
  - (1) A feasibility analysis that evaluates the potential application of infiltration, flow

attenuation, bioretention, wetland, or wet pond BMPs must be submitted with the stormwater management site plans required in Article IV.

- (2) The feasibility analysis must allow the Township to review the general soil characteristics of a site and the proposed development for that site and determine if infiltration BMPs or wet pond or artificial wetland BMPs could have been more thoroughly pursued for use by the applicant. The information required in the analysis shall be detailed enough to determine the potential applicability of these BMPs for a proposed development, but general enough not to force an applicant into incurring excessive cost associated with conducting laborious field and/or laboratory soil testing for a site which ultimately may not be suitable for infiltration or wet pond or artificial wetland BMP implementation. Applicants are expected to use these BMPs wherever possible and are required to provide adequate justification if these BMPs are not to be implemented. Applicants for those sites that are determined to be generally suitable from these analyses (taking into consideration the areal extent of suitable soils necessary to accommodate an infiltration or wet pond or wetland BMP for the type and size of development proposed) are required to conduct the detailed soil testing and other feasibility testing required in other sections of this chapter which contain the description and additional design criteria of these BMPs.
- (3) This analysis shall provide:
  - (a) A general assessment of the anticipated additional runoff based on the design storm and postdevelopment condition and utilizing the calculation procedures required in § 129-19;
  - (b) An indication of drainage areas on the development site resulting in impervious, pervious, and rooftop runoff;
  - (c) An indication of type of land use (residential, nonresidential) generating the impervious surface runoff;
  - (d) A delineation of soils on the site from the NRCS, Soil Survey of Montgomery County and on-site soil study. The soil study shall be conducted by a soil scientist and shall include sufficient probes/deep holes to evaluate application of BMPs;
  - (e) An indication of soils generally suitable for infiltration and/or wet pond/artificial wetland BMPs;
  - (f) The calculated acreage of suitable soils for infiltration BMPs and wet pond or artificial wetland BMPs and percentage of suitable soils based on total site acreage;
  - (g) The calculated acreage of suitable soils for infiltration BMPs and wet pond or artificial wetland BMPs made unavailable due to proposed development layout and justification that an alternative development layout which would reduce impact on suitable soil availability is unfeasible;
  - (h) An analysis of potential infiltration or wet pond or artificial wetland BMPs which could be implemented to manage the projected postdevelopment runoff with consideration of suitable soil availability runoff point and type of land use

[Subsection C(3)(b) and (c) above] and the general design standards and maintenance issues included in this chapter, including an indication of how most postdevelopment runoff can be managed by these BMPs (e.g., the entire postdevelopment runoff or partial amount of runoff expressed as a percentage); and

- (i) The rationale for a decision to not proceed with implementation of infiltration BMPs or wet pond or artificial wetland BMPs such as excessive cost of implementation, insufficient soil suitability, and development constraints.
- D. A detailed geologic evaluation of the project site pursuant to § 129-15E and Appendix B<sup>32</sup> of this chapter shall be performed to determine the suitability of recharge facilities. The evaluation shall be performed by a qualified geologist and/or soil scientist and shall address, at a minimum, soil permeability, depth to bedrock, susceptibility to sinkhole formation, and subgrade stability.
- E. Whenever a stormwater management facility will be located in an area underlain by limestone, a geological evaluation of the proposed location shall be conducted to determine susceptibility to sinkhole formations. The design of all facilities over limestone formations shall include measures to prevent groundwater contamination and, where necessary, sinkhole formation. Soils used for the construction of basins shall have low-erodibility factors ("K" factors). Installation of an impermeable liner shall be required in detention basins to be constructed over or in close proximity (less than 150 feet) to limestone. It shall be the applicant's responsibility to verify whether the site is underlain by limestone. The following note shall be attached to all stormwater management site plans and signed and sealed by the applicant's professional engineer: "I, \_\_\_\_\_, certify that the proposed stormwater management facility (circle one) is/is not underlain by limestone."
- F. General:
- (1) General description of project.
  - (2) General description of permanent stormwater management techniques, including construction specifications of the materials to be used for stormwater management facilities.
  - (3) Complete hydrologic, hydraulic, and structural computations for all stormwater management facilities.
- G. Four copies of the stormwater management site plan for the parcel shall be submitted on twenty-four-inch-by-thirty-six-inch sheets and shall be prepared in a form that meets the requirements for recording at the offices of the Recorder of Deeds of Montgomery County. The contents of the plan shall include, but not be limited to:
- (1) The location of the project relative to highways, municipalities, or other identifiable landmarks.
  - (2) Watershed(s) within which the project is located (e.g., Skippack Creek, Wissahickon Creek, Stony Creek/Saw Mill Run).

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32. Editor's Note: Appendix B is included as an attachment to this chapter.

- (3) Existing contours at intervals of two feet. In areas of steep slopes (greater than 25%), five-foot contours may be used.
- (4) Existing streams, lakes, ponds, or other bodies of water within the project area and all drainage channels leading to such bodies of water.
- (5) Other physical features including riparian corridors, flood hazard boundaries, sinkholes, streams, existing drainage courses, swales, wetlands, areas of natural vegetation to be preserved, and the total extent of the upstream area draining through the site.
- (6) The locations of all existing and proposed utilities, sanitary sewers, and waterlines located on the site and/or within 50 feet of property lines with minimum setback distances for all existing and proposed water supply wells and on-lot sewage disposal systems.
- (7) An overlay showing soil names and boundaries. This overlay shall include a table on the map showing the recharge capabilities of each soil represented on site in inches per hour and describe their recharge or infiltration capabilities.
- (8) Proposed changes to the land surface and vegetative cover, including a tabulation of impervious surface area which identifies the type of surface and the quantity of existing impervious surface area, existing impervious surface area to be removed and proposed impervious surface area.
- (9) Proposed structures, roads, paved areas, and buildings. Where pervious pavement is proposed for parking lots, recreational facilities, nondedicated streets, or other areas, detailed pervious pavement construction specifications shall be noted on the plan.
- (10) Final contours at intervals at two feet.
- (11) The name of the development, the name and address of the owner of the property, and the name of the individual or firm preparing the plan.
- (12) The date of submission.
- (13) A graphic and written scale of one inch equals no more than 50 feet. For tracts of 20 acres or more, the scale may be one inch equals no more than 100 feet.
- (14) A North arrow.
- (15) The total tract boundary and size with distances marked to the nearest foot and bearings to the nearest degree.
- (16) Existing and proposed land use(s).
- (17) A key map showing all existing man-made features beyond the property boundary that may be affected by the project.
- (18) Horizontal and vertical profiles of all open channels, including hydraulic capacity.
- (19) All existing and proposed stormwater management facility and/or drainage easements described by metes and bounds, including the purpose and ownership and maintenance

provisions for each easement.

- (20) A twenty-foot-wide access easement around all stormwater management facilities that would provide ingress to and egress from a public right-of-way or paved driveway within an existing or proposed easement that accesses a public right-of-way.
- (21) A note on the plan indicating the location and responsibility for maintenance of stormwater management facilities that would be located off site. All off-site facilities shall meet the performance standards and design criteria specified in this chapter.
- (22) A construction detail of any improvements made to sinkholes and the location of all notes to be posted, as specified in this chapter.
- (23) A statement, signed by the landowner, acknowledging the stormwater management system to be a permanent fixture that can be altered or removed only after approval of a revised plan by the Township, which shall be recorded with the record plan and which shall be applicable to all future landowners.
- (24) The location of all erosion and sedimentation control facilities.
- (25) The following signature block for the design engineer:

(Design engineer), on this date (date of signature), has reviewed and hereby certify that the Stormwater Management Site Plan meets all design standards and criteria of the Worcester Township Stormwater Management Ordinance No. 278.

- (26) The stormwater management site plan shall include an operation and maintenance plan for all existing and proposed stormwater management/BMP facilities, addressing long-term ownership and maintenance responsibilities for such facilities, including schedule for operation and maintenance activities.

H. Required supplemental information:

- (1) A written description of the following information shall be submitted:
  - (a) The overall stormwater management concept for the project.
  - (b) Stormwater runoff computations as specified in this chapter.
  - (c) Stormwater management techniques to be applied both during and after development.
  - (d) Expected project time schedule.
- (2) A soil erosion and sedimentation control plan, where applicable, including all reviews and approvals, as required by PADEP and/or Montgomery County Conservation District.
- (3) A geologic assessment of the effects of runoff on sinkholes as specified in this chapter.
- (4) The effect of the project (in terms of runoff volume, peak flow, and discharge duration) on adjacent properties and on any existing Township stormwater collection system that

may receive runoff from the project site.

- (5) A declaration of adequacy and highway occupancy permit from the PADOT District Office when utilization of a PADOT storm drainage system is proposed.
- (6) An operations and maintenance (O&M) plan for all existing and proposed physical stormwater facilities, as well as schedules and costs for O&M activities. The plan shall address long-term ownership and responsibilities for O&M.

I. Stormwater management BMPs.

- (1) All stormwater management facilities must be located on a plan and described in detail.
- (2) When groundwater recharge methods such as seepage pits, beds, or trenches are proposed, the locations of existing and proposed septic tank infiltration areas and drinking water wells must be shown. A minimum separation distance of no less than 50 feet shall be provided between any septic system and any facility used for stormwater management. An analysis shall be submitted to verify that stormwater infiltration shall not affect groundwater elevations of the septic drain field site if this distance is approved by the Township to be less than 50 feet. In no case shall this distance be less than 20 feet.
- (3) All calculations, assumptions, and criteria used in the design of the stormwater management facilities must be shown. If multiple facilities are proposed in conjunction with each other, such as infiltration best management practices with vegetation-based management practices, a summary narrative shall be included describing any sequence and how the facilities are meant to function with each other to manage stormwater runoff.
- (4) All stormwater management/BMP facility easements required by this chapter must be shown on the stormwater management site plan, including the bearing and distance of each segment of the easement(s) boundary.

**§ 129-23. Simplified stormwater management site plan (SSMSP) contents and requirements.**

For all regulated activities that qualify for exemption of certain provisions of this chapter pursuant to § 129-5C, and that are required to install a predesigned infiltration facility(s) in accordance with Worcester Township design and construction criteria (to be provided by the Township at the time of permit application), a simplified stormwater management site plan (SSMSP) is required and shall include the following items:

- A. Four copies of the completed Township Stormwater Management Application form.
- B. Stormwater management review fee and escrow, as established by separate resolution of the Township Supervisors.
- C. Four copies of the simplified stormwater management site plan for the parcel containing, at a minimum, the following information:
  - (1) Property boundaries and area of the site, based on deed information, or field survey.

- (2) Location map identifying the site relative to streets and other parcels in the vicinity of the site.
- (3) Location of significant natural and existing man-made features, including wetlands, watercourses, riparian corridors, woodlands, steep slopes, structures, parking areas, driveways, utilities, flood hazard boundaries, sinkholes, wells, and septic systems within 200 feet of proposed impervious surface, regardless of the location of the property boundary.
- (4) Location and dimensions of existing and proposed impervious surface and other improvements, with setbacks drawn to relate the location of same to property lines, streets, and existing features. Impervious surface area tabulation must be provided identifying existing area of impervious surface, existing impervious surface area to be removed, and proposed impervious surface area.
- (5) North arrow.
- (6) Plan scale, as applicable.
- (7) Existing contours at intervals of two feet. In areas of steep slopes (greater than 25%), five-foot contours may be used.
- (8) Proposed contours at intervals at two feet as well as spot elevations as necessary to provide sufficient clarification of positive slope and drainage divides.
- (9) Infiltration/BMP facility design calculations and construction details.
- (10) An overlay on the site showing soil names and boundaries from the NRCS, Soil Survey of Montgomery and Philadelphia Counties or on-site soil study, conducted by a soil scientist. This overlay shall include a table on the map showing the recharge capabilities of each soil represented onsite in inches per hour and describe their recharge or infiltration capabilities.
- (11) Watershed(s) within which the project is located (e.g., Skippack Creek, Wissahickon Creek, Stony Creek/Saw Mill Run).
- (12) A graphic and written scale of one inch equals no more than 50 feet. For tracts of 20 acres or more, the scale may be one inch equals no more than 100 feet.
- (13) The name of the development, the name and address of the owner of the property, and the name of the individual or firm preparing the plan.
- (14) A soil erosion and sedimentation control plan, where applicable, including all reviews and approvals, as required by PADEP and/or Montgomery Conservation District.
- (15) A certification on the plan, signed by the landowner, acknowledging the stormwater management system to be a permanent fixture that cannot be altered or removed without written approval of a revised plan by the Township, which shall be recorded with the record plan and which shall be applicable to all future landowners.
- (16) Other information deemed necessary by the Township Engineer to determine

compliance with exemption criteria contained in § 129-5B.

(17) The following signature block for the design engineer:

(Design engineer), on this date (date of signature), has reviewed and hereby certify that the stormwater management plan meets all design standards and criteria of the Worcester Township Stormwater Management Ordinance No. 278.

(18) Locations of existing and proposed septic tank infiltration areas and all wells must be shown. A minimum separation distance of no less than 50 feet shall be provided between any septic system and any facility used for stormwater management. An analysis shall be required to verify that stormwater infiltration shall not affect groundwater elevations of the septic drain field site, if this distance is approved by the Township to be less than 50 feet. In no case shall this distance be less than 20 feet.

(19) It shall be the applicant's responsibility to verify whether the site is underlain by limestone. The following note shall be attached to all simplified stormwater management site plans and signed and sealed by the applicant's professional engineer:

"I, \_\_\_\_\_, certify that the proposed stormwater management facility (circle one) is/is not underlain by limestone."

#### **§ 129-24. Plan submission.**

For all activities regulated by this chapter, the steps below shall be followed for submission of a SMSP or SSMSP (both referred to in this section as "plan"). For any activities that require a PADEP permit regulated under Chapter 105 (Dam Safety and Waterway Management) or Chapter 106 (Floodplain Management) of PADEP's Rules and Regulations,<sup>33</sup> a PADOT highway occupancy permit, or any other permit under applicable local, state, or federal regulations, the permit(s) shall be supplied as part of the plan.

- A. The SMSP shall be submitted by the applicant as part of any preliminary subdivision and/or land development plan submission.
- B. A minimum of four copies of the plan shall be submitted in conjunction with regulated activities not exempt pursuant to § 129-5B of this chapter. Additional copies shall be submitted if requested by the Township.
- C. Distribution of the plan will be as follows:
  - (1) Two copies to the Township accompanied by the requisite Township review fee and escrow, as specified in this chapter.
  - (2) Two copies to the Township Engineer.

#### **§ 129-25. Review of stormwater management site plan and simplified stormwater management site plan.**

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33. Editor's Note: See 25 Pa. Code Chapters 105 and 106.

- A. The Township Engineer shall review the plan for consistency with the adopted Watershed Act 167 Stormwater Management Plan and applicable Township ordinances. The Township shall require receipt of a complete plan, as specified in this chapter.
- B. The Township Engineer shall review the plan for any subdivision or land development against the Subdivision and Land Development Ordinance<sup>34</sup> provisions not superseded by this chapter.
- C. For activities regulated by this chapter (not including subdivision or land development), the Township Engineer shall review the plan for conformance with the Watershed Act 167 Stormwater Management Plan. The Township Engineer will forward a review letter to the Township with a copy to the applicant. Any disapproved plan may be revised by the applicant and resubmitted consistent with this chapter.
- D. The Township shall not approve any subdivision or land development or regulated activities specified in § 129-4E(1) and (2) of this chapter if the plan has been found to be inconsistent with the Watershed Act 167 Stormwater Management Plan. All required permits from PADEP must be obtained prior to, or as a requirement of, final approval.
- E. The Worcester Township Building Code Official shall not issue a building permit for any regulated activity specified in § 129-4 of this chapter if the stormwater management site plan has been found to be inconsistent with the adopted Watershed Act 167 Stormwater Management Plan, as determined by the Township Engineer, or without considering the comments of the Township Engineer. All required permits from PADEP must be obtained prior to issuance of a building permit.
- F. The Township's approval of a stormwater management site plan or simplified stormwater management site plan prepared in conjunction with a stormwater management permit application (for a regulated activity that is not a subdivision or land development, and which is not exempt from provisions of this chapter pursuant to § 129-5B) shall be valid for a period not to exceed one year. This time period shall commence on the date that the Township signs and issues a stormwater management permit. If stormwater management facilities included in the approved plan have not been constructed, or if an as-built survey of these facilities pursuant to § 129-28 of this chapter has not been approved within this time period, the Township may consider the plan disapproved and may revoke any and all permits. Plans that are considered disapproved by the Township shall be resubmitted in accordance with § 129-27 of this chapter.
- G. The Township's approval of a stormwater management site plan prepared in conjunction with an approved subdivision or land development shall remain valid and protected from any change in Township codes and ordinances for a period no greater than five years from the date of preliminary subdivision and/or land development plan approval, pursuant to the provisions of the Pennsylvania Municipalities Planning Code.<sup>35</sup>

### § 129-26. Modification of plans.

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34. Editor's Note: See Ch. 130, Subdivision and Land Development.

35. Editor's Note: See 53 P.S. § 10101 et seq.

- A. A modification to a submitted stormwater management site plan or simplified stormwater management site plan for a development site that involves a change in stormwater management facilities or techniques, or that involves the relocation or redesign of stormwater management facilities, or that is necessary because soil or other conditions are not as stated on the plan as determined by the Township Engineer, shall require a resubmission of a modified plan consistent with § 129-27 of this chapter and be subject to review as specified in § 129-25 of this chapter.
- B. A modification to an already approved or disapproved plan shall be submitted to the Township, accompanied by the applicable Township review fee and escrow. A modification to a plan for which a formal action has not been taken by the Township shall be submitted to the Township, accompanied by the applicable Township review fee and escrow.

**§ 129-27. Resubmission of disapproved stormwater management site plans and simplified stormwater management site plans.**

A disapproved stormwater management site plan or simplified stormwater management site plan may be resubmitted, with revisions addressing the Township Engineer's concerns, documented in writing, to the Township Engineer in accordance with § 129-24 of this chapter and be subject to review as specified in § 129-25 of this chapter. The applicable Township review fee must accompany resubmission of a disapproved plan.

**§ 129-28. As-built plans.**

- A. The applicant for any regulated activity requiring a stormwater management site plan and stormwater management permit shall be responsible for completing an as-built survey, sealed by a professional engineer licensed in the Commonwealth of Pennsylvania or a registered surveyor licensed in the Commonwealth of Pennsylvania, of all stormwater management facilities/improvements included in the approved plan. An as-built survey is not required for infiltration BMPs installed in conjunction with a simplified stormwater management site plan. The as-built survey and an explanation of any discrepancies with the design plans shall be submitted to the Township Engineer for approval. In no case shall the Township approve the as-built survey until the Township receives a copy of an approved declaration of adequacy, highway occupancy permit from the PADOT District Office (if applicable), any applicable permits from PADEP, and NPDES notice of termination (if applicable) approved by PADEP or the Montgomery County Conservation District.
- B. Completed stormwater management facilities and BMPs, including detention/retention basins, shall be surveyed by a professional land surveyor or engineer licensed in the Commonwealth of Pennsylvania, to verify compliance with the character of stormwater management facilities as depicted on the approved plan. As-constructed plans shall be submitted to Worcester Township for review and approval, upon completion of construction of all facilities and prior to offer of dedication of any public facilities and/or submission of financial security for the required maintenance period associated with subdivisions and land developments. Public facilities will not be accepted by Worcester Township until such time the as-constructed plans have been reviewed and approved by the Township Engineer.

**§ 129-29. Retention of plans at project site.**

A set of plans approved by the Township shall be on file at the site throughout the duration of the development activity. Periodic inspections may be made by the Township or designee during development activities.

**§ 129-30. Adherence to approved plan.**

It shall be unlawful for any person to undertake any regulated activity on any property except as provided for in the approved plan and pursuant to the requirements of this chapter. It shall be unlawful to alter or remove any stormwater management facility or BMP required by the plan pursuant to this chapter or to allow the property to remain in a condition which does not conform to the approved plan.

**§ 129-31. Certification of completion.**

At the completion of the project, and as a prerequisite for the release of the performance guarantee required pursuant to § 129-37, the owner or his representatives shall:

- A. Provide a set of as-built drawings pursuant to § 129-28 of this chapter and/or Subdivision and Land Development Ordinance<sup>36</sup> requirements. The as-built submission shall include a certification of completion signed by a licensed, qualified professional verifying that all permanent stormwater management/BMP facilities have been constructed according to the approved stormwater management site plan and specifications.
- B. Contact the Township Engineer to request inspection of the site for completion of stormwater management facilities and compliance with the approved plan and provisions of this chapter. This final inspection shall be conducted by the Township after receipt of the certification of completion.

**§ 129-32. Occupancy permit.**

A use and occupancy permit for any improvements constructed in conjunction with a subdivision and/or land development or other Township permit (requiring issuance of use and occupancy permit) shall not be issued unless the certification of completion, pursuant to § 129-31 of this chapter, has been obtained by the Township (in conjunction with regulated development activities requiring a stormwater management site plan and stormwater improvements/BMPs).

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36. Editor's Note: See Ch. 130, Subdivision and Land Development.

ARTICLE V  
**Inspections**

**§ 129-33. Schedule of inspections.**

- A. The Township Engineer shall inspect all phases of the installation of the permanent stormwater management facilities required pursuant to a stormwater management site plan and simplified stormwater management site plan.
- B. During any stage of the work, if the Township Engineer determines that temporary or permanent erosion and sedimentation control or stormwater management facilities are not being installed in accordance with the approved plan, the Township shall revoke any existing permits until a revised plan is submitted and approved, as specified in this chapter.

**§ 129-34. Right of entry during construction.**

- A. During construction, duly authorized representatives of the Township may enter at reasonable times upon any property within the Township to inspect the implementation, condition, or operation and maintenance of the stormwater BMPs to investigate whether construction activity is in compliance with this chapter.
- B. BMP owners and operators shall allow persons working on behalf of the Township ready access to all parts of the premises for the purposes of determining compliance with this chapter.
- C. Persons working on behalf of the Township shall have the right to temporarily locate on any BMP in the Township such devices as are necessary to conduct monitoring and/or sampling of the facility's stormwater discharge.
- D. Unreasonable delay in allowing the direct access to a BMP is a violation of this chapter.

**ARTICLE VI**  
**Fees and Expenses**

**§ 129-35. Stormwater management permit and review fees.**

The Township shall establish a fee schedule by resolution of the governing body to defray plan review, construction inspection and administrative costs incurred by the Township from any outside agencies or entities (required to review the plans) and the Township Engineer. The Township shall periodically update the review fee schedule to ensure that incurred costs are adequately reimbursed. The applicant shall pay all such fees and escrows.

**§ 129-36. Expenses covered by fees and escrow.**

The fees required by this chapter shall, at a minimum, cover the following:

- A. Administrative costs.
- B. Review of the plans by the Township and the Township Engineer.
- C. Site inspections by the Township staff and/or Township Engineer.
- D. Inspection of stormwater management facilities and stormwater management improvements during construction.
- E. Final inspection upon completion of the stormwater management facilities and stormwater management improvements presented in the as-built plan.
- F. Any additional work required to enforce any permit provisions regulated by this chapter, correct violations, and ensure proper completion of stipulated remedial actions.

ARTICLE VII  
**Maintenance Responsibility**

**§ 129-37. Performance guarantee.**

The applicant shall provide a financial guarantee to the Township for the timely installation and proper construction of all stormwater management controls as required by the approved stormwater management site plan and this chapter equal to the full construction cost of the required controls plus construction contingency and construction inspection costs, which amount shall be calculated by the Township Engineer.

**§ 129-38. Maintenance responsibilities.**

- A. The stormwater management site plan for the development site shall contain a BMP operation and maintenance plan (BMP O&M plan) prepared by the design engineer. The operation and maintenance plan shall outline required routine maintenance actions and schedules necessary to insure proper operation of the BMPs and shall be subject to review and approval of the Township. The governing body, upon recommendation of the Township Engineer, shall make the final determination on the continuing maintenance responsibilities prior to final approval of the stormwater management site plan.
- B. The BMP O&M plan shall establish responsibilities for the continuing operation and maintenance of all proposed stormwater control facilities, consistent with the following principles:
  - (1) If a development consists of structures or lots that are to be separately owned and in which streets, storm sewers, and other stormwater management public improvements are to be dedicated to the Township, stormwater control facilities may also be dedicated to and maintained by the Township, if accepted by the Township.
  - (2) If a development site is to be maintained in a single ownership or if storm sewers and other stormwater management improvements are to be privately owned and maintained, then the ownership and maintenance of stormwater control facilities shall be the responsibility of the owner or private management entity.
- C. The stormwater facility and BMP O&M plan shall include the following:
  - (1) A description of how each stormwater facility and BMP will be operated and maintained, and the identity and contact information associated with the person(s) responsible for O&M.
  - (2) The name of the project site, name and address of the owner of the property, and name of the individual or firm preparing the plan.
  - (3) A statement, signed by the facility owner, acknowledging that the stormwater facilities and BMPs are fixtures that can be altered or removed only after approval by the Township.
- D. Facilities, areas, or structures used as BMPs shall be enumerated as permanent real estate appurtenances and recorded as deed restrictions or conservation easements that run with the land.
- E. If the facilities are to be privately owned, an operations and maintenance agreement that

provides for maintenance responsibilities and cost sharing among the affected property owners, consistent with the O&M plan, shall be recorded against every affected property as a restrictive deed covenant that runs with the land.

- F. The governing body shall have the right, at any time after completion of the stormwater management facilities, to require dedication of any or all of the stormwater management controls. The right of the Township to require dedication in the future shall be stated in the maintenance agreement (refer to § 129-40).
- G. The Township may take enforcement actions against an owner for any failure to satisfy any provision of this chapter.
- H. In the event a property owner or other entity responsible for maintenance (such as a homeowners' association) fails to honor their maintenance responsibilities set forth in the O&M plan, in any manner, Worcester Township shall have the right of entry upon and within the area of the easement to undertake any required corrective or maintenance effort. The total cost of such, including administrative, engineering, and legal costs for enforcement, may be imposed upon the responsible party as determined by the O&M agreement. Failure to pay all costs described above may be subject of the imposition of a lien by the Township against the property in question, in the same manner as the Township might otherwise be empowered by law to assess or impose a lien against a property for municipal improvements.

**§ 129-39. Review of stormwater facilities and BMP operations and maintenance (O&M) plan.**

- A. The Township shall review the stormwater facilities and BMP O&M plan for consistency with the purposes and requirements of this chapter, and any permits issued by PADEP.
- B. The Township shall notify the applicant in writing whether the stormwater facility and BMP O&M plan is approved.

**§ 129-40. Maintenance agreement for privately owned stormwater facilities.**

- A. Prior to final approval of the stormwater management site plan, the applicant shall sign and record an O&M agreement prepared and approved by the Township Solicitor covering all stormwater control facilities that are to be privately owned. The form and substance of the agreement shall be consistent with the agreement in Appendix D<sup>37</sup> of this chapter. The signed O&M agreement shall be recorded against every affected property as a restrictive deed covenant that runs with the land.
- B. Other items may be included in the agreement where determined necessary to guarantee the satisfactory maintenance of all facilities. The O&M agreement shall be subject to review and approval of the Township.
- C. The owner is responsible for the O&M of the SWM BMPs. If the owner fails to adhere to the O&M agreement, the Township may perform the services required and charge the owner appropriate fees. Nonpayment of fees may result in a lien against the property as described

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37. Editor's Note: Appendix D is included as an attachment to this chapter.

in § 129-38.

**§ 129-41. Stormwater management easements.**

- A. Stormwater management easements shall be granted by the property owner(s) as necessary to provide for:
  - (1) Access to the property by the Township for facility inspections and emergency maintenance.
  - (2) Preservation of stormwater runoff conveyance, infiltration, and detention areas and facilities, including flood routes for the 100-year storm event.
- B. Stormwater management/BMP facilities easements are required for all areas used for off-site stormwater control, unless a waiver is granted by the Board of Supervisors.
- C. All easements shall be recorded with the Montgomery County Recorder of Deeds prior to issuance of a building permit or recordation of a subdivision or land development plan.
- D. The purpose of any easement shall be specified in the O&M agreement signed by the property owner.
- E. The record plan and development agreement for an approved subdivision or land development shall reference the ownership and maintenance responsibilities as well as access rights for all drainage-related easements. Specifically, the record plan shall contain a provision permitting access to such easement(s), at any reasonable time, for inspection and/or emergency repair/maintenance, by Worcester Township or its designee, of all facilities deemed critical to public welfare.

**§ 129-42. Stormwater Maintenance Fund.**

- A. If stormwater management facilities are accepted by the Township for dedication, the applicant shall pay a specified amount to the Township Stormwater Maintenance Fund to help defray costs of periodic inspections and maintenance expenses. The amount shall be determined as follows:
  - (1) The amount shall include all estimated costs to inspect, maintain, and repair the facilities during a ten-year period, as calculated by the Township Engineer.
  - (2) The amount shall be converted to present worth of the annual series values. The Township Engineer shall determine the present worth equivalents, which shall be subject to the approval of the Board of Supervisors.
- B. If a stormwater management/BMP facility is proposed which also serves as a recreation facility (e.g., ball field, pond), the Township may, but is not required to, reduce or waive the amount of the maintenance fund deposit based upon the value of the land for public recreation purpose.
- C. If at some future time a stormwater management facility (whether publicly or privately owned) is eliminated due to the installation of storm sewers or other stormwater management facility, the unused portion of any maintenance deposit will be applied to the cost of

abandoning the facility and connecting to the storm sewer system or other facility. Any amount of the deposit remaining after the costs of abandonment are paid will be returned to the depositor.

- D. The applicant shall pay a fee to the Township Stormwater Maintenance Fund for all stormwater management facilities, storm sewer, culverts, or other such improvements required by PennDOT to be constructed within the right-of-way of public roadways or easement areas, that are to be maintained after dedication by and dedicated to the Township. The fee shall cover the estimated cost for maintenance and inspections for 10 years. The Township Engineer will establish the estimated cost upon review of information submitted by the applicant. The amount of the fee shall be converted to present worth of the annual series values. The Township Engineer shall determine the present worth equivalents, which shall be subject to the approval of the Board of Supervisors.

**§ 129-43. Postconstruction maintenance inspections.**

- A. Stormwater management BMPs shall be inspected for proper operation by the owner of the facilities on the following basis:
- (1) Twelve months after completion of the facility and acceptance of completion of the facility by the Township;
  - (2) At least once every three years thereafter;
  - (3) During or immediately after the cessation of a ten-year frequency or greater storm; and/or
  - (4) As specified in the operations and maintenance (O&M) agreement.
- B. The entity conducting the inspection shall submit a report to Worcester Township summarizing observations of inspection and necessary repairs, if any.

ARTICLE VIII  
**Prohibitions**

**§ 129-44. Prohibited discharges.**

- A. Any drain or conveyance, whether on the surface or subsurface, that allows nonstormwater discharge including, but not limited to, sewage, processed wastewater, and wash water to enter the waters of the commonwealth is prohibited.
- B. No person shall allow or cause to allow stormwater discharges into the Township's municipal separate storm sewer system which are not composed entirely of stormwater, except discharges allowed under a state or federal permit.
- C. Discharges which may be allowed under the Township's NPDES permit based on a finding by the Township that the discharge(s) do not significantly contribute to pollution to surface waters of the commonwealth by the Township are:
  - (1) Discharges from fire-fighting activities.
  - (2) Discharges from potable water sources including water line flushing and fire hydrant flushing, if such discharges do not contain detectable concentrations of Total Residual Chlorine (TRC).
  - (3) Non-contaminated pumped ground water and water from foundation and footing drains and crawl space pumps.
  - (4) Non-contaminated irrigation water, water from lawn maintenance, landscape drainage and flows from riparian habitats and wetlands.
  - (5) Non-contaminated HVAC condensation and water from geothermal systems.
  - (6) Residential (i.e., not commercial) vehicle wash water where cleaning agents are not utilized.
  - (7) Springs.
  - (8) Diverted stream flows.
  - (9) Non-contaminated hydrostatic test water discharges, if such discharges do not contain detectable concentrations of TRC.
- D. In the event that the Township subsequently determines that any of the discharges identified in § 129-44C of this chapter degrade the quality of waters of the commonwealth or United States, the Township will notify the responsible person to cease the discharge.
- E. Upon notice provided by the Township under § 129-44D, the discharger will have a reasonable time to cease the discharge consistent with the degree of pollution caused by the discharge.

F. Nothing in this section shall affect a discharger's responsibility under state or federal law.

**§ 129-45. Prohibited connections.**

A. Prohibited connections. The following connections are prohibited, except as provided in § 129-44C above:

- (1) Any drain or conveyance, whether on the surface or subsurface, which allows any nonstormwater discharge, including sewage, process wastewater, and wash water, to enter the regulated small MS4 or the waters of the commonwealth, and any connections to the storm drain system from indoor waste water drains and sinks; and
- (2) Any drain or conveyance connected from a commercial or industrial land use to the regulated small MS4 or the waters of the commonwealth which has not been documented in plans, maps, or equivalent records, and approved by the Township.

B. This prohibition expressly includes, without limitation, connections made in the past, regardless of whether the connection, drain or conveyance was previously allowed, permitted, or approved by a government agency, or otherwise permissible under law or practices applicable or prevailing at the time of connection.

**§ 129-46. Roof drains.**

A. Roof drains shall not be connected to streets or sanitary sewers and shall discharge to infiltration areas or vegetative BMPs to the maximum extent practicable to satisfy the criteria for, and encourage disconnection of impervious surfaces. Roof drains may be connected to storm sewers or roadside ditches only when those facilities ultimately discharge to stormwater BMPs or water quality facilities, and only when approved by the Township Engineer.

B. Roof drains and sump pumps shall not discharge water directly onto a sidewalk, walkway, trail, or street and shall be constructed to discharge to a dry well/seepage pit or above ground entirely on the subject property. Sump pump and roof drain discharge pipes shall not extend beyond the building envelope for the lot unless they are directly connected to an infiltration facility, detention basin, storm sewer pipe or as approved by the Township.

**§ 129-47. Waste disposal prohibitions.**

No person shall throw, deposit, leave, maintain, keep, or permit to be thrown, deposited, left, or maintained, in or upon any public or private property, driveway, parking area, street, alley, sidewalk, or other component of the Township's municipal separate storm sewer system, any refuse, rubbish, garbage, litter, or other discarded or abandoned objects, articles, and accumulations, so that the same may cause or contribute to pollution. Waste or recycling deposited in proper receptacles for the purposes of collection is exempted from this prohibition.

**§ 129-48. Alteration of SWM BMPs.**

A. No person shall modify, remove, fill, landscape, or alter any existing stormwater management BMP, unless part of an approved maintenance program, and written approval

of the Township has been obtained.

- B. No person shall place any structure, fill, landscaping or vegetation into a stormwater management facility or BMP or within a drainage easement, without the written approval of the Township.

ARTICLE IX  
**Enforcement and Penalties**

**§ 129-49. Right of entry.**

Upon presentation of proper credentials, duly authorized representatives of Worcester Township may enter at reasonable times upon any property within the Township to inspect the condition of the stormwater structures and facilities in regard to any aspect regulated by this chapter.

**§ 129-50. Notification.**

In the event that a person fails to comply with the requirements of this chapter, or fails to conform to the requirements of any permit issued hereunder, the Township shall provide written notification of the violation. Such notification shall set forth the nature of the violation(s) and establish a time limit for correction of these violation(s). Failure to comply within the time specified shall subject such person to the penalty provisions of this chapter. All such penalties shall be deemed cumulative. In addition the Township may pursue any and all other remedies available under state or federal law. It shall be the responsibility of the owner of the real property on which any regulated activity is proposed to occur, is occurring, or has occurred, to comply with the terms and conditions of this chapter. In the case where the violation poses an immediate threat to the health, safety, and welfare of the community, no notice under this section shall be required.

**§ 129-51. Enforcement.**

Worcester Township is hereby authorized and directed to enforce all of the provisions of this chapter. All inspections regarding compliance with the stormwater management site plan or simplified stormwater management site plan shall be the responsibility of the Township Engineer or other qualified persons designated by the Township.

- A. A set of design plans approved by the Township shall be on file at the site throughout the duration of the construction activity. Periodic inspections may be made by the Township or designee during construction.
- B. Adherence to approved plan. It shall be unlawful for any person to undertake any regulated activity under § 129-4 on any property except as provided for in the approved stormwater management site plan or simplified stormwater management site plan and pursuant to the requirements of this chapter. It shall be unlawful to alter or remove any control structure required by the plan pursuant to this chapter or to allow the property to remain in a condition which does not conform to the approved plan.
- C. Suspension and revocation of permits.
  - (1) Any permit issued under this chapter may be suspended or revoked by the Township for:
    - (a) Noncompliance with, or failure to, implement any provision of the permit.
    - (b) A violation of any provision of this chapter or any other applicable law, ordinance, rule, or regulation relating to the project.
    - (c) The creation of any condition or the commission of any act during construction or development which constitutes or creates a hazard or nuisance, pollution or which endangers the life or property of others, or as outlined in Article VIII of this

chapter.

- (2) A suspended permit shall be reinstated by the Township when:
  - (a) The Township Engineer has inspected and approved the corrections to the stormwater management and erosion and sedimentation control measure(s), or the elimination of the hazard or nuisance; and/or
  - (b) The violation of the ordinance, law, or rule and regulation has been corrected.
- (3) A permit that has been revoked cannot be reinstated. The applicant may apply for a new permit under the procedures outlined in this chapter.
- (4) The decision to suspend or revoke a permit may be appealed to the Board of Supervisors within 30 days of the date of suspension or revocation.

#### **§ 129-52. Violations deemed public nuisance.**

- A. The violation of any provision of this chapter is hereby deemed a public nuisance.
- B. Each day that a violation continues shall constitute a separate violation.
- C. Whenever the Township finds that a person has violated a prohibition or failed to meet a requirement of this chapter, the Township may order compliance by written notice to the responsible person. Such notice may require without limitation:
  - (1) The performance of monitoring, analyses, and reporting;
  - (2) The elimination of prohibited discharges;
  - (3) Cessation of any violative discharges, practices, or operations;
  - (4) The abatement or remediation of stormwater pollution or contamination hazards and the restoration of any affected property;
  - (5) Reimbursement to Worcester Township to cover administrative and remediation costs;
  - (6) The implementation of stormwater BMPs to correct a violation or prevent future violations; and
  - (7) Operation and maintenance of approved stormwater BMPs.
- D. Failure to comply within the time specified shall also subject such person to the penalty provisions of this chapter. All such penalties shall be deemed cumulative and shall not prevent Worcester Township from pursuing any and all other remedies available in law or equity.

#### **§ 129-53. Violations and penalties.**

- A. Anyone violating the provisions of this chapter shall be guilty of a summary offense, and upon conviction shall be subject to a fine of not more than \$1,000 for each violation, recoverable with costs, or imprisonment of not more than 10 days, or both. Each day that the

violation continues shall be a separate offense.

- B. In addition, Worcester Township, through its solicitor, may institute injunctive, mandamus or any other appropriate action or proceeding at law or in equity for the enforcement of this chapter. Any court of competent jurisdiction shall have the right to issue restraining orders, temporary or permanent injunctions, mandamus or other appropriate forms of remedy or relief.

**§ 129-54. Appeals.**

- A. Appeals from the determination of the Township in the administration of this chapter as it relates to stormwater management of a project shall be made to the Worcester Township Board of Supervisors within 30 days of that determination or decision.
- B. Any person aggrieved by a decision of the Supervisors may appeal to the Montgomery County Court of Common Pleas within 30 days of the date of the decision.

**WORCESTER TOWNSHIP**

**RESOLUTION NO.2026-13**

**RESOLUTION TO ADOPT THE 2022 WORCESTER TOWNSHIP  
COMPREHENSIVE PLAN**

**WHEREAS**, the Worcester Township Board of Supervisors is authorized to prepare and adopt a comprehensive plan pursuant to the Pennsylvania Municipalities Planning Code, Act 247 of 1968, as reenacted and amended, 53 P.S. §10101, et seq.; and

**WHEREAS**, Worcester Township has prepared the 2022 Worcester Township Comprehensive Plan to provide goals, objectives, and recommendations concerning the future growth, development, conservation, and overall planning of the Township; and

**WHEREAS**, the proposed Comprehensive Plan was reviewed by the Montgomery County Planning Commission, the Methacton School District, and adjacent municipalities in accordance with the Pennsylvania Municipalities Planning Code; and

**WHEREAS**, the Worcester Township Board of Supervisors conducted a duly advertised public hearing on June 17, 2026, regarding the proposed adoption of the 2022 Worcester Township Comprehensive Plan; and

**WHEREAS**, the Board of Supervisors has determined that adoption of the 2022 Worcester Township Comprehensive Plan is in the best interests of the Township and its residents.

**NOW, THEREFORE**, it is hereby resolved and enacted by the Board of Supervisors of Worcester Township that the document entitled "2022 Worcester Township Comprehensive Plan," together with all maps, charts, appendices, and related materials contained therein, is hereby adopted as the official Comprehensive Plan of Worcester Township pursuant to the Pennsylvania Municipalities Planning Code.

**RESOLVED and ENACTED** this 17<sup>th</sup> day of June, 2026, by the Worcester Township Board of Supervisors.

WORCESTER TOWNSHIP  
BOARD OF SUPERVISORS

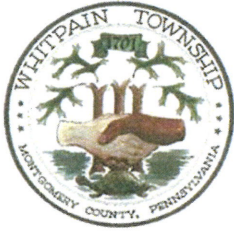
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Lou Betz, Chairman

ATTEST:

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Dan DeMeno, Township Secretary



**WHITPAIN TOWNSHIP**  
MONTGOMERY COUNTY  
COMMONWEALTH OF PENNSYLVANIA

960 WENTZ ROAD  
BLUE BELL, PA 19422-1835  
(610) 277-2400  
FAX: (610) 277-2209

April 28, 2026

Worcester Township  
1721 Valley Forge Road  
Worcester, PA 19490

Attn: Dan Demeno, Township Manager

Re: **Worcester Township Comprehensive Plan – Update 2022**

Dear Mr. Demeno:

Thank you for sharing the Worcester Township Comprehensive Plan – Update 2022.

We have reviewed the Plan and have no specific comments to offer at this time concerning its content. We commend the Township for undertaking the Comprehensive Plan and are impressed with the overall format and the level of detail contained in the Plan.

Should you require any additional information, please contact me at your convenience. I may be reached via email at [jblanch@whitpaintownship.org](mailto:jblanch@whitpaintownship.org) or by phone at (610) 277-2400.

Sincerely,

A handwritten signature in blue ink that reads "Jim Blanch".

James E. Blanch, P.E.  
Township Engineer

cc: Eric Traub, Township Manager

**RESOLUTION NO. 2026-14**

**A RESOLUTION OF THE BOARD OF SUPERVISORS OF WORCESTER TOWNSHIP,  
MONTGOMERY COUNTY, PENNSYLVANIA, AUTHORIZING THE SUBMISSION OF AN  
APPLICATION TO THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL  
PROTECTION GROWING GREENER GRANT PROGRAM FOR THE ZACHARIAS CREEK  
STREAMBED RESTORATION PROJECT**

WHEREAS, Worcester Township desires to undertake the Zacharias Creek Streambed Restoration Project, which will involve streambed restoration and related improvements intended to address erosion, stabilize the stream corridor, improve water quality, and protect public infrastructure and surrounding properties; and

WHEREAS, the Pennsylvania Department of Environmental Protection administers the Growing Greener Grant Program, which provides funding assistance for eligible watershed restoration, stream restoration, and environmental improvement projects; and

WHEREAS, the Zacharias Creek Streambed Restoration Project will also assist Worcester Township in meeting its Municipal Separate Storm Sewer System (MS4) permit requirements by supporting stream stabilization, sediment reduction, and water quality improvements; and

WHEREAS, Worcester Township desires to submit an application to the Growing Greener Grant Program for funding assistance for the construction of the Zacharias Creek Streambed Restoration Project; and

WHEREAS, the Board of Supervisors finds that the project is in the best interest of Worcester Township and its residents.

NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors of Worcester Township, Montgomery County, Pennsylvania, that:

- 1.** The Board of Supervisors hereby authorizes the submission of an application to the Pennsylvania Department of Environmental Protection Growing Greener Grant Program for funding assistance for the construction of the Zacharias Creek Streambed Restoration Project.
- 2.** The Township Manager and ARRO Consulting, Inc., Township Engineer, are hereby authorized to prepare, execute, and submit the grant application, and to execute and submit any and all documents, certifications, agreements, and related materials necessary to apply for, accept, and administer the grant funding, subject to final review by the Township Solicitor where appropriate.

3. If grant funding is awarded, Worcester Township agrees to comply with all applicable program requirements, grant conditions, and reporting obligations associated with the Growing Greener Grant Program.

4. This Resolution shall take effect immediately upon adoption.

RESOLVED and ADOPTED this 17th day of June 2026, by the Board of Supervisors of Worcester Township, Montgomery County, Pennsylvania.

**WORCESTER TOWNSHIP  
BOARD OF SUPERVISORS**

By: \_\_\_\_\_

Lou Betz, Chair

Attest:

\_\_\_\_\_

Dan DeMeno, Secretary