

Application Type Renewal
Facility Type MS4
Permit Type Individual

NPDES PERMIT FACT SHEET
MS4s

Application No. PAI130072
APS ID 952716
Authorization ID 1202575


Applicant and Facility Information

Applicant Name	<u>Lower Providence Township Montgomery County</u>	Facility Name	<u>Lower Providence Township MS4 UA</u>
Applicant Address	<u>100 Parklane Drive Eagleville, PA 19403-1100</u>	Facility Address	<u>100 Parklane Drive Eagleville, PA 19403-1100</u>
Applicant Contact	<u>E.J. Mentry</u>	Facility Contact	<u>E.J. Mentry</u>
Applicant Phone	<u>(610) 539-8020</u>	Facility Phone	<u></u>
Client ID	<u>70468</u>	Site ID	<u>617380</u>
SIC Code	<u>9199</u>	Municipality	<u>Lower Providence Township</u>
SIC Description	<u>Public Admin. - General Government, Nec</u>	County	<u>Montgomery</u>
Date Application Received	<u>September 21, 2017</u>		
Date Application Accepted	<u></u>		
Purpose of Application	<u>Formerly PAG130018.</u>		

Internal Review and Recommendations

Requirements

MS4 Urban Area Report LOWER PROVIDENCE TWP, Montgomery County		
INDIVIDUAL PERMIT REQUIRED:	REASON: TMDL Plan	NPDES ID: PAG130018
Yes		
IMPAIRED DOWNSTREAM WATERS	REQUIREMENTS	OTHER CAUSES OF IMPAIRMENT
Skippack Creek	Appendix E-Nutrients (5)	
Perkiomen Creek	Appendix B-Pathogens (5)	
Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Water/Flow Variability (4c)
Stony Creek	Appendix E-Siltation (5)	Turbidity (5) Water/Flow Variability (4c)
Indian Creek	Appendix E-Siltation (5)	Cause Unknown (5) Water/Flow Variability (4c)
Unnamed Tributaries to Stony Creek		Cause Unknown (5)
Mine Run	Appendix B-Pathogens (5) Appendix E-Siltation (5)	Water/Flow Variability (4c)
Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
Schuylkill River PCB TMDL	Appendix C-PCB (4a)	

Approve	Deny	Signatures	Date
✓		 Ian Quinlan / Environmental Engineer	December 27, 2023
X		<i>Elizabeth Mahoney</i> Environmental Group Manager	12/28/2023

Internal Review and Recommendations

The required reductions to each watershed are as follows:

The Skippack Creek watershed is being managed by the 'Skippack Creek Watershed Alliance (SCWA)' of which Lower Providence Township is a member.

The Perkiomen Creek is impaired solely for Pathogens and does not have a reduction requirement.

The Schuylkill River is impaired solely for PCBs and does not have a reduction requirement.

10% sediment reduction requirement to Mine Run = 179,698.62 lbs/acre/yr

10% sediment reduction requirement to Indian Creek = 23,509.27 lbs/acre/yr

10% sediment reduction requirement to Stony Creek = 42,898.33 lbs/acre/yr

Total Drainage Area to Mine Run:

<i>Lawn Areas within Zoning Districts:</i>	<i>1,332.82 acres</i>
<i>Max Impervious Surface within Zoning Districts:</i>	<i>785.12 acres</i>
	<i>2,117.94 acres</i>

Sediment Loading Ratios for Montgomery County:

<i>Impervious developed areas:</i>	<i>1,839 lbs/acre/yr</i>
<i>Pervious developed areas:</i>	<i>264.96 lbs/acre/yr</i>

<i>Mine Run Watershed Sediment Loading:</i>	<i>1,796,986.24</i>	<i>lbs/acre/yr</i>
<i>10% Required Reduction:</i>	<i>179,698.62</i>	<i>lbs/acre/yr</i>

Total Drainage Area to Indian Creek:

<i>Lawn Areas within Zoning Districts:</i>	<i>119.21 acres</i>
<i>Max Impervious Surface within Zoning Districts:</i>	<i>110.66 acres</i>
	<i>229.87 acres</i>

Sediment Loading Ratios for Montgomery County:

<i>Impervious developed areas:</i>	<i>1,839 lbs/acre/yr</i>
<i>Pervious developed areas:</i>	<i>264.96 lbs/acre/yr</i>

<i>Indian Creek Watershed Sediment Loading:</i>	<i>235,092.66</i>	<i>lbs/acre/yr</i>
<i>10% Required Reduction:</i>	<i>23,509.27</i>	<i>lbs/acre/yr</i>

Internal Review and Recommendations

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

BMPS

<i>Mine Run Watershed Sediment Loading:</i>	1,796,986.24	<i>lbs/acre/yr</i>
<i>10% Required Reduction:</i>	179,698.62	<i>lbs/acre/yr</i>

<i>Basin pollutant reductions near Redwing Lane:</i>	115,114.96	<i>lbs/acre/yr</i>
<i>Basin pollutant reductions near Peacock Drive:</i>	11,119.51	<i>lbs/acre/yr</i>
<i>Basin pollutant reductions near Redtail Park:</i>	8,612.21	<i>lbs/acre/yr</i>
<i>Basin pollutant reductions near Casselberry Lane:</i>	19,302.60	<i>lbs/acre/yr</i>
<i>Basin pollutant reductions along Sunnyside Avenue:</i>	8,703.55	<i>lbs/acre/yr</i>
<i>Streambank stabilization along Jode Road:</i>	12,566.40	<i>lbs/acre/yr</i>
<i>Streambank stabilization along Sheawater Drive:</i>	24,953.28	<i>lbs/acre/yr</i>

Total proposed pollutant reductions: **200,372.51** *lbs/acre/yr*

<i>Indian Creek Watershed Sediment Loading:</i>	235,092.66	<i>lbs/acre/yr</i>
<i>10% Required Reduction:</i>	23,509.27	<i>lbs/acre/yr</i>

Basin pollutant reductions at S. Trooper Rd & Egypt Rd: **23,686.32** *lbs/acre/yr*

<i>Stony Creek Sediment Loading:</i>	428,983.33	<i>lbs/acre/yr</i>
<i>10% Required Reduction:</i>	42,898.33	<i>lbs/acre/yr</i>

Basin pollutant reductions near Lloyd Lane: **30,461.29** *lbs/acre/yr*

Basin pollutant reductions near Henry Road: **15,066.38** *lbs/acre/yr*

Total proposed pollutant reductions: **45,527.67** *lbs/acre/yr*

Internal Review and Recommendations

***Section F:
Operation and Maintenance of Naturalized Basins***

BMP Operation and Maintenance Notes:

- All inspections of post construction stormwater management BMPs shall be performed by the appointed representative of the Township. The operation and maintenance requirements for the post construction stormwater management BMPs proposed for this project include the following:

Maintenance of the Bio-filtration Basins:

- The owner, its assigns shall be responsible to ensure that the Bio-Filtration Basins are in operational condition, particularly the condition of the embankment, outlet structure, trash rack, riprap aprons, inlets, and other safety related items. Inspection shall be completed quarterly and after major rainfall events. Sediment removal shall be performed when the basin is completely dry. Any removed sediment should be disposed of properly, and once removed, disturbed areas need to be immediately restabilized and revegetated. Vegetation shall be inspected annually for erosion and invasive plant species. Any discovered invasive plant species shall be removed immediately. The outside embankment shall be mowed on a semi-annual basis. Maintain all Basin berm and perimeter areas on a weekly basis. The designated Bio-filtration areas of each basin shall be mowed twice yearly. Recommended Dates for mowing are early July for the first cutting and a second cutting in March up to April 15th. DO NOT apply pesticides or fertilizers where stormwater will be conveyed.

Maintenance of the storm sewer collection system: (After each runoff event)

- The owner, its assigns shall be responsible to ensure that the storm sewer collection and lawn drain system is free and clear of any debris. The system shall be inspected after each runoff event and cleaned if required.

Internal Review and Recommendations

***Section G:
Public Presentation and Comments***

A public posting was listed in The Times Herald on October 16, 2023 stating that the Lower Providence Township Pollutant Reduction Plan for Lower Providence Township has been updated and is available for public review.

No comments were received by the public within the stated 30-day time window for submission.

The PRP was also presented and available for public comment at the Township Board of Supervisors meeting, held on October 19, 2023 at 7:00 pm. Again, there were no public questions or comments.

A receipt of the posting within The Times Herald and the meeting minutes from the Board of Supervisors meeting are attached within this section of the report.