

*January 2022*

# Regional Stormwater Management Program

## Definitions

- MS4 Permit — “Municipal Separate Storm Sewer System” - a federal (EPA— Environmental Protection Agency) and state (Pa DEP— Pennsylvania Department of Environmental Protection) permit.
- CBPRP — Chesapeake Bay Pollution Reduction Plan— requiring the reductions of over 105,000 pounds of sediment.
- LCWSA — Lycoming County Water and Sewer Authority— water, sewer, and stormwater Authority serving multiple municipalities to achieve environmental regulatory requirements.
- SMP — Regional Stormwater Management Program— partnership formed between LCWSA and the Borough of South Williamsport and the Borough of Dubois town.
- BMP—Best Management Practice



## 2021 Summary and Planning for 2022

Throughout the year of 2021, design of the Best Management Practice (BMP) Project, Eck’s Run Stormwater Basin Retrofit, located in South Williamsport, was completed by RETTEW.

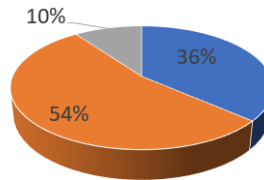
Though the application for a grant through the Department of Environmental Protection’s (DEP) Watershed Restoration and Protection Program (WRPP) was unsuccessful, LCWSA and the Boroughs continue to seek funding for the BMP project and are requesting consideration by Lycoming County to contribute a portion of the County’s American Rescue Plan Act (ARPA) funds towards the project.

The project is planned to be bid in February 2022, with construction planned to start in Spring 2022 and end in Winter 2022.

Lycoming County Water & Sewer Authority (LCWSA) continued program outreach through individual property site visits and customer discussions to resolve questions and concerns regarding the Stormwater Management Program (SMP) Fee.

Much of the outreach work is accomplished through the Credits and Appeals Program which allows property owners to challenge the initial assessment of their property’s Impervious Area (IA).

2022 Regional Stormwater Management Program Budget



- LCWSA Permit Mgmt/Admin
- Boro Infrastructure Public Works & Local Capital
- Permit Capital Improvement



## Budgets & Revenue

In 2022, the projected revenue for the SMP is \$770,000. The SMP is comprised of various components which include:

**Management and Administration** of the overall SMP and the regulatory requirements;

**Stormwater Infrastructure Public Works** related activities as performed by the Boroughs; and

**Capital Improvements** related to aging inlets, storm drains, pipes as well as new regulatory required projects and improvements.

Both Boroughs continue operation and maintenance activities of cleaning and maintaining

stormwater pipes, inlets, and structures; leaf pick up — street sweeping — inlet cleaning; videoing and assessing current conditions; and repairing and replacing pipes and inlets as needed. The Regional SMP provides a format to develop a long range asset management plan to systematically begin addressing aging infrastructure needs. With revenue specifically tagged to these issues over the next five years, a proactive approach can be achieved.

## 2021 Stormwater Infrastructure Activities

### SOUTH WILLIAMSPORT

- ⇒ Televised 7,600 LF storm pipe
- ⇒ Replaced/repared 10 inlets/catch basins
- ⇒ Mapping updates

### DUBOISTOWN

- ⇒ Installed 1,100 LF storm-water pipe
- ⇒ Replaced/repared 7 inlets/catch basins
- ⇒ Mapping updates

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**PARTNERSHIP ADVANTAGES**

- overall cost sharing,
- gain economies of scale,
- streamline regulatory requirements,
- eliminate duplication of services,
- enhance opportunities for grants and loans, and
- a more cost effective and equitable approach for compliance on behalf of property owners.

With compliance and cost implications of the MS4 program, LCWSA, South Williamsport, and Duboistown are working together to assure compliance with stormwater regulatory compliance and share in the costs associated with the program and the pollution reduction projects as mandated by state and federal permits.

The increased regulations fall under both EPA and PaDEP. The MS4 Permit contains compliance elements which must be achieved by each Borough. These are referred to as Minimum Control Measures (MCMs) -

- ◆ Public Education & Outreach,
- ◆ Public Participation Involvement,
- ◆ Illicit Discharge Detection and Elimination,
- ◆ Construction Site Runoff Control,
- ◆ Post Construction Site Runoff Control, and
- ◆ Pollution Prevention and Good Housekeeping.

Ongoing outreach is necessary to achieve compliance and educate the public on these important elements of the program.



**STORMWATER Reminder**

Stormwater originates from rain and snow/ice melt that runs off of surfaces throughout the Boroughs—rooftops, driveways, parking lots, patios, sidewalks, lawns, etc. — and makes its way into storm drains, catch basins, inlets, swales, and streams - eventually leading to the Susquehanna River and the Chesapeake Bay. When water runs off, it also carries sediment, grass, leaves, trash, and other pollutants—contributing to poor water quality. In the past, traditional management of stormwater meant “conveyance” or carrying the stormwater away from homes and buildings to the streets and into the drains. Poorly managed stormwater results in stream bank erosion, street flooding, property damage, and pollution. Some simple tips including reducing impervious areas so that rainwater can soak into the ground, planting native trees and plants to help infiltrate stormwater, and following proper lawn care practices.

**2022 Stormwater Management Program (SMP) Fee**

***There was no SMP fee increase for 2022.*** The SMP Fee is charged to all property owners regardless of property usage or tax status to ensure revenue is available to meet the requirements of MS4 permit, fund projects within the time period necessary, avoid enforcement action, and address aging infrastructure needs.

**UPCOMING ACTIVITIES**

**2022**

- Continued property owner engagement
- Inspections and follow-up of existing BMPs
- Start construction of Eck’s Run BMP
- Boroughs to plan for and complete individual projects to address stormwater issues
- Monitor ongoing regulatory changes to the MS4 permits and Chesapeake Bay targets

**2023**

- Permit compliance by February 2024 — Construction of BMP to be completed a growing season ahead of compliance date
- MS4 Permit renewal due in 2023

***The MS4 Permit Cycle is every five (5) years. The permitting process begins again with new requirements.***



**2022 REGIONAL STORMWATER MANAGEMENT PROGRAM FEE STRUCTURE**

Tier	<b>Tier Impervious Area (IA) Range in Square Feet (SF)</b>	IAU (Impervious Area Unit or billing units)	<b>South Williamsport - Stormwater User Fee per month</b>	<b>Duboistown - Stormwater User Fee per month</b>
0	0-399	No Charge (de minimis)	No Fee	No Fee
1	400 - 1,599	0.5	<b>\$5.00</b>	<b>\$7.50</b>
2	1,600 - 3,399	1	<b>\$10.00</b>	<b>\$15.00</b>
3	3,400 - 4,199	1.5	<b>\$15.00</b>	<b>\$22.50</b>
4	4,200 - 5,999	2	<b>\$20.00</b>	<b>\$30.00</b>
5	6,000 and greater	2.5 or greater - Calculated (1 IAU = 2,480 SF)	<b>(IA/2,480 SF) X \$10.00</b>	<b>(IA/2,480 SF) X \$15.00</b>