

LOWER PAXTON TOWNSHIP AUTHORITY

PENNSYLVANIA



Stormwater Management Program Credit and Incentive Policy Manual

March 23, 2021

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Introduction

This Manual provides Lower Paxton Township Authority (LPTA) Stormwater Management Program customers with details on the Credits available to reduce their quarterly Stormwater Management User Fee (SMUF). Stormwater Credits are provided as a means for customers to reduce the amount of their quarterly fee by implementing a creditable Best Management Practice activity to reduce the contribution of stormwater and pollutants to LPTA's stormwater management system and/or to aid Lower Paxton Township (LPT) and LPTA in meeting their MS4 Permit obligations.

Credits are available to all property owners as listed in Table 1. Owners are required to submit the appropriate Credit Application with the application fee, if applicable, (see Table 1) along with any documentation required by LPTA. Owners that have questions on the Credit Policy or the application process may email the LPTA staff at stormwater@lowerpaxton-pa.gov.

Stormwater management is important to our community. LPT and LPTA have partnered in the development and implementation of a comprehensive, Stormwater Management Program to provide enhanced stormwater management to property owners in the Township. LPT is the regulatory authority under the Stormwater Management Act and the Pennsylvania Municipal Planning Code, as amended by Act 170 and Act 131. Therefore, LPT shall enforce any stormwater regulated activities, including the installation and proper operation and maintenance of stormwater BMP's associated with this Credit Policy. LPTA owns the stormwater conveyance system and LPTA establishes the stormwater fee rates and credit policy.

The foundation of an effective SMU is the development of a fair and equitable SMUF to provide for a dedicated and reliable revenue stream. Revenues generated by the SMUF will support the Stormwater Management Program and its goals to: ensure MS4 Permit regulatory compliance, improve water quality, support strategic planning for capital improvements, provide for effective infrastructure operation and maintenance, and to promote the education of the community on practices to improve the quality of water resources.

The *LPTA Stormwater Management User Fee* established a per Equivalent Residential Unit (ERU) rate for all developed parcels, as amended, which was determined based upon the average Impervious Area (IA) of a Single Family Residential (SFR) properties in the Township. All Non-Single-Family Residential Parcels (NSFRs) shall be billed user fees based upon the following schedule: (a) NSFRs with impervious surface equal to or less than 3,400 square feet shall pay a user fee for one (1) ERU at the current ERU rate established by the current resolution adopted by the Authority. (b) NSFRs above the minimum of 1 ERU shall be computed by multiplying the total number of ERUs, including partial ERUs expressed in fractions of 1/10 to 9/10 as applicable, by the current ERU rate. The complete Resolution, currently, Resolution 20-12, can be viewed on the Township's website at www.lowerpaxton-pa.gov.

Disclaimer

By submitting a Stormwater Management User Fee Credit Application pursuant to the latest version of LPTA Stormwater Management Program Credits and Incentive Policy Manual, Property Owner acknowledges and agrees that he and his heirs, grantees, successors, and assigns shall be solely

responsible and liable for the operation and maintenance of any and all Best Management Practices (“BMPs”) constructed, installed, or employed by the property owner. Lower Paxton Township and LPTA shall not be responsible for or liable with respect to the operation and maintenance of any BMP, or any damages arising therefrom. Property Owners and his heirs, grantees, successors, and assigns shall identify and hold harmless Lower Paxton Township, LPTA, its officers, agents, and employees from any and all claims, actions, causes of action, judgements, damages, losses, costs, and expenses (including attorney’s fees) arising out of or resulting from the construction, installation, employment, maintenance, or operation of the BMP.

Definitions

The following definitions apply to the Stormwater Management Program Credits and Incentives Policy Manual. Any term not defined by this section can be defined by the *Lower Paxton Township Authority Stormwater Management User Fee Resolution* currently in effect and *Lower Paxton Township Authority’s Rules and Regulations*, to the extent not contradictory.

Owner/Applicant – Any person firm, corporation, individual, partnership, trust, company, association, organization, society or group and governmental organizations owning real property with the Service Area. Owner is required to supply all of the necessary materials to LPTA for the application.

Credit – A discount in the form of a percentage that can be applied to an owner’s stormwater fee when proper stormwater control techniques are displayed. A maximum of 45% credit can be applied to any one billing period. A credit may also be in the form of a rebate.

Developed Parcel – A land parcel altered from its Natural State that has 340 square feet or more of Impervious Surface.

Equivalent Residential Unit (ERU) – A unit of measure of impervious surface (in square feet) which represents the impervious surface area on the typical Single Family Residential Parcel in the underlying jurisdiction as a unit of comparison. ERU shall mean for the purpose of this Resolution 3,400 square feet of impervious surface. With regard to Non-Single Family Residential Parcels an ERU shall equal 3,400 square feet.

Impervious Area (Impervious Surface) (IA) – A surface that prevents or substantially impedes the percolation of water into the ground. Impervious surfaces include, but are not limited to: any roof, parking or driveway areas, and any new streets and sidewalks. For purposes of stormwater runoff analysis, any surface areas existing or proposed to be gravel or crushed stone shall also be assumed to be impervious surfaces.

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.

LPT/Township – Lower Paxton Township.

LPTA/Authority – Lower Paxton Township Authority.

Municipal Separate Storm Sewer System (MS4) – Means all separate storm sewers that are defined as “large” or “medium” or “small” municipal separate storm sewer systems pursuant to 40 CFR §§ 122.26(b)(4), (b)(7), and (b)(16), respectively, or designated under 40 CFR § 122.26(a)(1)(v). (25 Pa. Code § 92a.32(a) and 40 CFR §122.26(b)(18)).

National Pollutant Discharge Elimination System (NPDES) – The federal government and Commonwealth of Pennsylvania’s system for issuance of discharge permits under the federal Clean Water Act (CWA), the Pennsylvania Clean Streams Law and Storm Water Management Act. The Pennsylvania Department of Environmental Protection (PADEP) has been delegated the responsibility to implement the federal CWA NPDES program in Pennsylvania.

Non-Single Family Residential Parcel (NSFR) – Any developed parcel that is not a Single Family Residential Parcel. NSFR shall include, but not limited to, multi-family properties, apartments, boarding houses, hotel, motels, churches, mobile home parks, commercial, institutional, governmental and industrial parcels.

Non-Urbanized Area - Any area which does not meet the definition of Urbanized Area.

Operation and Maintenance Agreement (O&M)– An agreement, as described in the latest version of the Township’s Stormwater Management Ordinance regarding the required operation and maintenance activities for existing Stormwater Management BMP’s and who will be responsible for performing them.

Property owner that requests credit(s) for a stormwater management BMP that does not have an existing operation and maintenance agreement with the Authority must: (a) sign the Operation and Maintenance Agreement as shown in the latest version of the Township’s Stormwater Management Ordinance, (b) provide to the Authority all of the material requested by the Authority regarding the stormwater management BMP that the property owner is requesting and (c) the design of the stormwater management BMP that the property owner is requesting must be signed and sealed by a Professional Engineer registered in the Commonwealth of Pennsylvania.

Outlet – Points of water disposal from a stream, river, lake tidewater or artificial drain.

PADEP – Pennsylvania Department of Environmental Protection.

Pennsylvania Stormwater Best Management (BMP) Practices Manual - The most recent version of the Pennsylvania Stormwater Best Management Practices Manual.

Peak Rate Control Credit – A credit that can be applied for utilizing proper stormwater rate control techniques. Example: Detention tanks/basins with a controlled outlet.

Pervious Area – Surface such as soil or other areas not defined as impervious which allows for the infiltration of water into the ground.

Property Owner (Owner) - Any person, firm, corporation, individual, partnership, trust, company, association, government agency, society or group owning real property in the Township.

Service Area – All land within Lower Paxton Township.

Single Family Residential Parcel (SFR) – Any developed parcel containing only one (1) structure which contains one (1) or more rooms with a bathroom and kitchen facility designed for occupancy by one (1) family unit; including single family homes, attached and detached townhouses, condominiums, duplexes, and mobile homes located on individual lots.

Stormwater – The surface runoff generated by precipitation reaching the ground surface.

Stormwater Management Ordinance – The latest version of Chapter 170 – Stormwater Management, Drainage and Erosion Control from Lower Paxton Township Code of Ordinance.

Stormwater Management Program – An identified set of measures and activities designed to protect, restore and/or manage Stormwater quality by controlling and/or reducing pollutants and; to reduce and/or manage Stormwater quantity by controlling velocity, volume, and rate of Stormwater.

Stormwater Management User (SMU) Fee – A User Fee, assessed, imposed, and to be collected from SFR Property Owners and NSFR Property Owners which uses, benefits from, or is serviced by the Stormwater System, or discharges Stormwater, directly or indirectly, into the Stormwater System for the use of such system, and the service rendered by and improvement of such system.

Volume Control – Stormwater Management (SWM) controls, or BMPs, used to remove a predetermined amount of runoff or the increase in volume between the pre- and post-development design storm.

Urbanized Area (UA) – Comprised of a densely settled core of census tracts and/or census blocks that meet minimum population density requirements, along with adjacent territory containing non-residential urban land uses as well as territory with low population density included to link outlying densely settled territory with the densely settled core. The UA is as defined by the United States Census Bureau.

Water Quality Benefit - Increasing surface water runoff quality as outlined in the Pennsylvania Stormwater BMP Manual or as defined in the PA MS4 guidelines; whichever are more restrictive.

General Information

1. It is the Owner's responsibility to apply for credits and supply all of the necessary materials. See Attachment A for the Credit Application. Owners may apply for one or more Credits, and the Credits will be cumulative up to a maximum Credit of 45% of that property's SMU Fee. Refer to Table 1 for determination if a credit fee applies and see Attachment A for the credit application fee schedule. A credit application may include multiple related parcels. Please note the application can not be reviewed until the application review fee is paid in full, if applicable. The applicant must pay for the application review fee(s) in full prior to the Authority approving and issuing the Credit(s).
2. A number of proposed Credits will require a pre-application meeting and/or a field review with LPTA. All Owners interested in installing a new BMP or retrofitting an existing BMP must submit the Pre-Application Meeting Request form provided in Attachment D to LPTA.

3. Complete applications will be reviewed within 90 days of submission. Applications requiring review and response from PADEP may take additional review time, however credits requiring additional time will be retroactively applied to date of full application submittal. Applications requiring additional information for approval will be returned for corrections. All proposed BMPs shall comply with the applicable design standards set forth in the Lower Paxton Township Stormwater Management Ordinance (Chapter 170 of the Code of Ordinances: <https://www.ecode360.com/LO1649>) and Pennsylvania Stormwater Best Management Practices Manual including, but not limited to, the use of appropriate professionals, such as Professional Engineers, Professional Geologists, Landscape Architects, Soil Scientists, etc. when required. When applicable, karst hazards, soil investigations, infiltration testing, or other pertinent site-assessment activities should be conducted.
4. LPTA will verify plans, materials, reports, and documentation for accuracy and may inspect any installations or features for proper function related to the Credit Application. If, after review, the accompanying documentation is found to be inaccurate or incomplete, or upon inspection issues are discovered with the installation or operation of the BMP, or Operation and Maintenance Agreement, the Owner will be notified in writing and given sixty (60) days to correct the deficiency. The Owner must provide written documentation to LPTA within sixty (60) days of the original notice that the deficiency has been corrected. Unapproved applications will have 60 days to resubmit before their application is terminated.
5. The maximum amount of credit received **shall not exceed 45% per property**, unless otherwise provided for in these policies.
6. The applicant will be notified in writing whether the credits applied for were approved. Approved credits will be applied with the next quarterly billing cycle. For new construction, the credit will be applied with the initial stormwater fee bill for the property.
7. **Sanitary sewer and stormwater accounts must be current in order to receive Credit(s)/Rebate conferred by these policies.** Credits will be revoked if an account is overdue more than 180 days. Upon becoming current, a property owner may reapply to reinstate the revoked credits.
8. Refer to Table 1 for details on credit expiration timeframes. You will note from Table 1 that most approved Credits are valid until the end of the Authority's permit cycle, except when a term is explicitly noted otherwise. Approved Credits will automatically expire when the property changes ownership. Please note that although the Credits expire upon ownership change, any Operations and Maintenance Agreements, easements, and Access Agreements remain permanently in effect. New Owners will be required to submit a Stormwater Credit Renewal Application form (Attachment B-1) to be eligible for the expired Credit. Reapplication for Credit continuance is required to (1) ensure that the Credit is still applicable to the property, and (2) to ensure the new Owner fully understands the requirements of the Credit, including Operations and Maintenance procedures. All Credits will be reviewed at a minimum of every five (5) years and are subject to alteration or revocation at the discretion of LPTA.
9. Credits will be revoked where qualified BMPs are not maintained, or if Operation and Maintenance Reports, as requested by the Township, are not submitted on time. Upon written notice, LPTA, in its sole discretion, may revoke any previously approved Credit when the Owner

has failed to meet the conditions of the Credit, the conditions of the LPT Operation and Maintenance Agreement. The Owner will be notified in writing of the reason for Credit termination and will be provided with the corrective measures required to have the Credit reinstated. See Right of Inspection/Revocation of Credits.

10. The Lower Paxton Township Authority has full discretion over the credit policy and process.

Credit Calculations

Owners may apply for one or more Credits, and the Credits will be cumulative up to a maximum Credit of 45% of that property's SMU Fee. In no circumstance may a Credit or group of Credits reduce the applicable SMU Fee to an amount that is less than 55% of the SMU Fee for that property, unless the property meets the requirements of the BMP Easement Credit or Stormwater Partnership Credit.

The total Credits determination may vary for each type of Credit, see Credit examples under attachment E. Credit examples may not address all circumstances for eligible credits, final Credits determinations will be as directed by the Stormwater Engineer. However, the SMU Fee for properties with approved Credits will generally be calculated as follows:

$$\text{Quarterly SMU Fee} = \text{SMU Rate } (\$/\text{ERU}/\text{Quarter}) \times (1 - \text{Credit Percentage})$$

Where:

SMU Rate = The current per ERU rate as defined in the LPTA SMU Fee Resolution

Credit Percentage = Percentage (in the form of decimal; 45% = 0.45) assigned by LPTA to a Best Management Practice (BMP) as shown in Table 1. Credit percentages may change due to EPA and DEP regulations as well as changes made to the property by the property owner in the course of modifying their land. The Credit Percentage would be determined as a percentage of the impervious area (IA) managed per BMP, up to the maximum credit per BMP allowable.

Refer to Attachment E for examples.

Summary of Available Credits

Table 1. Summary of Available Credits by Property Type

Credit	Eligible Property Owners				Max Credit	Application Fee (5)	O&M Agreement Required	Credit Expiration (Refer to Footnote)	
	SFR	NSFR							
		ALL	EDUC	NPDES					MS4
Low Impact Parcel (IA is < 10% of Parcel Area)		X			30%	No	No	(1)	
Non Urbanized Parcel	X	X			20%	No	No	(1)	
BMP Easement	X	X			TBD	Yes	Yes	(1)	
Peak Rate Control/Volume Control Structural BMP	X	X			45%	Yes	Yes	(1)	
Riparian Buffer	X	X			30%	Yes	Yes	(1)	
Stream Restoration (6)	X	X			TBD	Yes	Yes	(1)	
Turf and Landscape Management Program		X			15%	Yes	Yes	(1)	
Green Roofs	X	X			20%	Yes	Yes	(1)	
Rain Barrels Rebate	X				(4)	No	No	N/A	
Education Credit			X		10%	No	No	(1)	
Separate MS4 Permit				X	X	40%	Yes	No	(2)
Stormwater Partnership Credit		X				TBD	Yes	Yes	(1)
Agricultural Use Parcels	X	X			30%	Yes	Yes	(1)	
Public Participation	X	X			10%	No	No	(3)	
Public Participation Credit Donation	X	X			10%	No	No	(3)	
Adopt an Inlet	X				10%	No	No	(1)	

SFR: Single-Family Residential

NSFR: Non Single-Family Residential

ALL: Any NSFR owner who are charged a Stormwater Management Program Fee.

EDUC: Any public or private educational systems (K-12).

NPDES: Properties with a NPDES Industrial Stormwater Permit.

MS4: Properties assigned a Non-Municipal MS4 Permit.

Note that NSFR properties that are categorized as EDUC, NPDES and MS4 are also potentially eligible for NSFR credits listed as ALL.

Footnotes:

- 1) End of Township MS4 Permit Cycle (currently March 31, 2025).
- 2) End of Property Owner's MS4 Permit Cycle.
- 3) December 31st of year applied.
- 4) One time rebate per property.
- 5) Refer to Attachment A for the latest Resolution of application fees. Fees are cumulative for each credit that requires reviewing.
- 6) For stream bank restoration projects, the magnitude of the Credit will be established based on the length of the associated project.

Description of Credits

Low Impact Parcel (NSFR)

A parcel is considered a Low Impact Parcel if the total IA is less than or equal to 10% of the total parcel area.

Non-Urbanized Parcel (SFR, NSFR)

Parcels which meet the definition of Non-Urbanized Area automatically receive a 20% Credit. The credit shall be applied with the next quarterly billing cycle following adoption of this Policy. As per Table 1, this Credit expires at the end of the Township MS4 Permit Cycle and shall be automatically renewed upon receipt of the new MS4 Permit, with the condition that the parcel is within the Non-Urbanized Parcel area.

BMP Easement (SFR, NSFR)

LPTA may provide Credit to Owners who grant easement for LPTA to construct a new stormwater BMP on their property. This Credit is intended for projects on the Township's approved Pollutant Reduction Plan (PRP) that would be financially prohibitive for a property owner to complete on their own but is an important project for meeting the goals of LPTA's program. All BMP projects will require the property owner to maintain BMP in perpetually, execute an operation and maintenance (O&M) agreement to ensure the continued functionality of the BMP, as well as submission of inspection reports to LPT to demonstrate that the BMP is providing Water Quality Benefit. The amount of credit will be determined by LPTA on a case-by-case basis and may include the following components. 1) a onetime payment for the temporary construction easement for the use of property, which may be calculated based on a *daily rate x the engineers estimate construction period*. 2) Credit to be based on the O&M expenses incurred by the property owner. Property owner will be required to document and submit proof of expenses associated with the O&M agreement to receive the credit.

Peak Rate Control / Volume Control Structural BMP (SFR, NSFR)

Note: SFR parcels which were created as part of a subdivision/land development plan that incorporated regional Peak Rate Control / Volume Control Structural BMPs (PRC/VCS BMPs) to manage stormwater runoff from the subdivision/development, shall not be eligible to receive credits related to the PRC/VCS BMPs as incorporated within the subdivision/land development plan. Similarly, regional PRC/VCS BMPs located on a private SFR parcel shall not be eligible to receive credits related to the regional PRC/VCS BMPs on their property.

Structural BMPs that control for the rate, volume, and water quality of stormwater generated on the property are eligible for credit. The maximum credit for peak rate, volume control and water quality improvements is 45%.

Peak Rate Credits for the installation of an approved control system per *Lower Paxton Township Stormwater Management Ordinance (SWMO) Chapter 170 - Stormwater Management, Drainage and Erosion Control §170-401 Stormwater Management District Rate Controls* will be eligible for up to 15% Credit for rate control up to the 100-year storm event. This is in addition to any volume control credit as noted below. Landowners shall maintain, in perpetuity, volume control and water quality BMP's in the approved condition according to the terms of 25 Pa. Code Chapter 102, as applicable, prevailing at the time of approval and provide annual documentation of the same to the Township. Property owners who fail to comply with Township reporting requirements will be ineligible for credits on the subject property in the next quarterly billing cycle.

Any system designed for volume control in accordance with *Lower Paxton Township SWMO Chapter 170 Stormwater Management, Drainage and Erosion Control §170-303 Volume Controls* will be eligible for up to a 15% Credit. This is in addition to any peak rate control noted above. The system must either follow CG-1 from the PADEP Stormwater Management Design Manual by not increasing the post-development total runoff volume when compared to the predevelopment total runoff volume for the two year/twenty-four-hour storm event, or follow CG-2 if the site disturbance is under one acre. Approved volume system control systems may be, but are not limited to, infiltration basins, infiltration trenches, and rain gardens. See the Pennsylvania Stormwater BMP Manual section 6.4 for more information on the listed systems as well as other options.

Any system designed for water quality improvements in accordance with *Lower Paxton Township SWMO Chapter 170 Stormwater Management, Drainage and Erosion Control §170-301 and State Regulation Pa. Code, Chapters 93 and 96* will be awarded a 15% Credit. This is in addition to any peak rate or volume control credits noted above. These are systems containing BMP's that protect or improve water quality of receiving streams. Approved water quality improvements are BMP's which help with compliance with the Township's MS4 requirements under Minimum Control Measures regarding post construction or their Pollutant Reduction Plan (PRP) plan, etc. See the Pennsylvania Stormwater BMP Manual Chapter 6 for more information on the listed systems as well as other options.

A detailed inspection schedule and maintenance schedule shall be developed. The maintenance schedule should include a detailed step by step procedure on how the control system shall be maintained in order to work in perpetuity. Include contact information of the person responsible for the O&M in accordance with *Lower Paxton Township SWMO Chapter 170 Stormwater Management, Drainage and Erosion Control Article VI*. Inspection and maintenance logs should be maintained. All control systems shall be contained within a minimum 20 foot SWM easement. Access to the SWM easement shall be provided from the nearest public right-of-way.

Existing BMPs can be retrofitted to provide new function and would be eligible for Credits for the existing and new functions. The Credits only apply to the IA controlled by the BMPs. Peak rate, volume control, and water quality calculations shall be in compliance with the Township. Previously installed control systems may also apply for this Credit assuming they are in proper working order and are approved by a Pennsylvania licensed professional engineer. Credits will be prorated to the amount of IA managed relative to total IA on site; meaning that the credit is not applied to the total IA on site unless the total IA on site is being managed. For previously installed control systems, applicants will be required to provide a permanent access easement, acceptable to the Authority, to provide access for the Authority inspection.

Riparian Buffer (SFR, NSFR)

LPTA may grant up to a 30% Credit for those Owners who create and/or maintain a protected riparian buffer alongside a stream on their property. The riparian buffer can be existing or a newly-planted buffer of native plants. To be eligible for a Credit, a minimum of twenty-five (25) contiguous linear feet of stream must be buffered from top of bank and a minimum of 35 feet (measured horizontally). The Credit will apply only to the IA on the property draining to the buffer.

If property conditions are limiting (proximity to property line, roads, structures, etc.), buffers with less than 25 feet horizontal width may be considered for Credit. Please note projects requiring PADEP permits may have more stringent requirements. The amount of the Credit will be dependent on site-specific conditions including, but not limited to, contributing IA and buffer width and length. Interested Owners should contact LPTA prior to project initiation. All riparian buffer projects will require an operations and maintenance (O&M) plan to ensure the continued functionality of the BMP, as well as submission of inspection reports to LPT to demonstrate that the BMP is providing Water Quality Benefit.

Stream Restoration (SFR, NSFR)

LPTA may grant up to a 30% credit for those Owners who complete and maintain an approved stream restoration project. The total length of stream restoration associated with the project must include a minimum of one hundred (100) contiguous linear feet of stream and a minimum of 35 feet measured perpendicular from top of bank. The project may fall on multiple contiguous properties.

For the purposes of eligibility determination, stream restoration is defined as any natural channel design, wet channel regenerative stormwater conveyance, legacy sediment removal or other stream modifications intended to restore natural forms and processes that reduce streambank or streambed erosion and capture pollutants. If property conditions are limiting (proximity to property line, roads, structures, etc.), projects with less than 35 feet horizontal width on each side of the stream may be considered for partial Credit.

Please note stream bank restoration projects require a modification to the PRP and approval by DEP to be eligible for this credit. Stream restoration projects must be prepared by a licensed Pennsylvania engineer. This credit is available to property owners whose property contains an existing channel or streambank erosion on an actively enlarging or incising urban stream condition prior to restoration (an existing problem). The amount of the Credit will be dependent on site-specific conditions. Interested Owners should contact LPTA prior to project initiation. All stream restoration projects will require an operations and maintenance (O&M) plan to ensure the continued functionality of the BMP, as well as submission of inspection reports to LPT to demonstrate that the BMP is providing Water Quality Benefit.

Turf and Landscape Management Program (NSFR)

Educational institutions, public recreation facilities, golf courses and cemeteries with lawns or landscape areas where fertilizers (organic or inorganic) and pesticides are typically applied may apply for a 15% Credit if all of the following are completed:

1. A soil fertility sample is collected and submitted to the Pennsylvania State Agricultural Analytical Services Laboratory for a soil fertility test. A sample must be taken a minimum of once every three years and a copy of the results must be submitted to LPTA with the Credit Application;
2. The property owner must commit to the recommendations provided on the soil fertility report, including the application of fertilizer, lime and any other recommendations including recommended sampling intervals.

The IA of the parcel cannot exceed 40% of the total parcel area to be eligible for this Credit.

Green Roofs (SFR, NSFR)

A property is eligible for a Green Roof Credit when a green roof is installed on a building. The design, construction, and maintenance plan must meet as a minimum, the requirements noted for such facilities in the Pennsylvania Stormwater Best Management Practices Manual or approved recognized engineered equivalent. Green roofs may be eligible for a Credit up to 20%. Credits will be prorated to the amount of IA managed relative to total IA on site.

Rain Barrel Rebate (SFR)

LPTA will grant a One-Time Fee Rebate of \$100 for one (1) rain barrel that provides a minimum of 50 gallons. A rain barrel that exists at the time of implementing the credit policy are eligible for the rebate. For existing rain barrels, owners will be required to submit the credit application and LPTA will schedule and perform an inspection to confirm the rain barrel is connected and operating properly. If approved, the property owner will receive the rebate within 45 days of the inspection. For new rain barrel installations, owners will be required to submit the credit application and attach proof of purchase, LPTA may schedule and perform an inspection to confirm the rain barrel is connected and operating properly, if approved, the property owner will receive the rebate within 45 days of the inspection.

Education Credit (NSFR)

It is the goal of LPTA to encourage both public and private educational systems (K-12) to educate and inform their students on the importance of surface water, ground water, and stormwater resources, and how they can play a role in preserving and restoring the physical, chemical, and biological integrity of the Township's water resources.

The educational program may include participation in a water resource-themed student poster session or science fair, take-home materials, classroom lessons, field trips, etc. The educational program/materials must be preapproved by LPTA. The following list of educational resources and materials are provided as examples, but is not meant to exclude other educational material that may be approved by LPTA:

- PSU Extension: *Rain to Drain – Slow the Flow*
- EPA NPDES Stormwater Outreach Materials and Reference Documents
- EPA Teacher Resources and Lesson Plans

- EPA Water Science and Technology for Students and Educators
- USGS Education Resources
- Soil Science Society of America: *Soils 4 Teachers*

A school with more than 50% of its students enrolled in levels below Kindergarten (i.e. pre-K, pre-school, daycare, etc.) is not eligible for an Education Credit. Eligible education institutions may be granted up to a 10% Credit based on the following criteria:

- **Level One Education Credit:** A 10% Education Credit is available to a qualifying education institution which educates 50% to 74% of the grade levels within the school or school system.
- **Level Two Education Credit:** A 15% Education Credit is available to a qualifying education institution which educates 75% to 100% of the grade levels within the school or school system.

Education Credits only apply to the IA associated with the teaching facility and associated infrastructure. For example, the Credits would be applied to a High School building and its parking lot, but not to the School District Administrative offices that oversee the High School. Student living quarters, such as dorms, are also not eligible for Education Credits. Education Credits are valid for one (1) year but will be renewable each year the curriculum is taught.

Churches and religious organizations are eligible for the education credit per the requirements mentioned above. Institutions of higher education may participate as part of the Stormwater Partnership Credit.

Separate MS4 Permit (NSFR)

A 40% Credit is available to those properties that have been identified by PADEP as being required to obtain and comply with the terms of a Non-Municipal MS4 permit which includes implementing a pollution reduction plan (PRP). To be eligible for the Credit, the MS4 permit must be kept in full compliance and LPTA must be provided a copy of the MS4 permit as well as copies of the annual reports. Properties with a Non-Municipal MS4 permit which does not require PRP implementation are eligible for a maximum credit of 20%.

Stormwater Partnership Credit (NSFR)

LPTA recognizes that the ultimate goal of the Stormwater Management Program is to improve local and regional water quality. Therefore, LPTA encourages customers to propose other means to improve their property and our community through the use of innovative stormwater technologies. If a LPTA stormwater customer has an idea for a project that could be worth stormwater credits, LPTA encourages the customer to submit the project idea under the Stormwater Partnership Credit. Credit will be based upon benefit analysis demonstrating actual stormwater program cost reduction to be realized by LPTA.

Note: If a long term O&M agreement is deemed beneficial to the community, as determined by LPT, LPT will provide a credit to the property owner after the property owner signs and records the long term O&M agreement. Credit will be based upon benefit analysis demonstrating actual stormwater program cost reduction to be realized by LPTA.

Agricultural Use Credit (SFR, NSFR)

A range of credits are available for properties where agricultural E&S plans and/or manure/nutrient management plans are required according to Pennsylvania regulations, typically overseen by the Conservation District. LPTA may grant up to 30% credit for agricultural BMPs that are planned and fully implemented according to the applicable planning schedule, especially for properties that employ particular high performance water quality BMPs. Each approved and still relevant plan, approved within three months of the stormwater fee being in place, is worth 5% credit. Upon annual verification that each plan is being implemented according to the prescribed schedule, 10% credit per plan is offered by LPTA. Should a property owner/operator be willing to go above and beyond the minimum agricultural water quality requirements, additional credit may be negotiable (e.g. farm is in compliance and is willing to work with LPTA, or a partner organization, on a stream restoration project and, thereby, install streambank fencing).

Public Participation (SFR, NSFR)

LPTA believes a strong Stormwater Management Program is predicated on public participation and involvement to help address water quality issues. LPTA customers who participate in certain state sponsored or LPTA pre-approved events to promote water quality and sound stormwater management principles will be eligible for Credit. The following activities are eligible for a Credit:

- Spending four (4) hours participating in a stream clean-up.
- Spending four (4) hours participating in a roadside clean-up.
- Participating in an LPTA or other approved tree planting activity.
- Participating in any other proposed public participation activity pre-approved by LPTA.
- Sponsoring any other public participation activity pre-approved by LPTA.

Credits are earned for every hour served. One (1) Credit hour is equal to \$0.65 per quarter (\$2.60 per year). Earned Credits cannot exceed 10% of the SMU Fee for a property. A minimum of four (4) hours are required to qualify for the Credit. Credits hours are cumulative. For example, four (4) people could participate for one (1) hour each and that would be equivalent to one (1) person participating for four (4) hours. Participation Credits can only be applied to one (1) parcel if a customer owns more than one (1) parcel. However, a customer with multiple parcels can earn additional Participation Credits to apply to different parcels as long as a minimum of four (4) hours are earned for each parcel. Public participation Credits are valid for one (1) year and will be applied to a customer's stormwater bill beginning with the July or January bill following participation in the event.

Public Participation Credit Donation (SFR, NSFR)

LPTA stormwater customers who earn Public Participation Credit may participate and earn credit on behalf of a non-profit organization (such as a church or food bank) or on behalf of a school. Activities must be preapproved by LPTA.

The following are examples of activities eligible for a Credit:

- Participating in a stream or roadside clean-up.
- Participating in an LPTA or other approved tree planting activity.
- Hosting a student-sponsored educational event at a public venue.

- Participating in any other proposed public participation activity pre-approved by LPTA.
- Sponsoring any other public participation activity pre-approved by LPTA.

Credits are earned for every hour served. One (1) Credit hour is equal to \$0.65 per quarter (\$2.60 per year). A minimum of four (4) donated hours are required to qualify for the Credit, but do not have to be donated from the same individual. Donated Credits do not have to be from the same event, and individuals may participate in as many qualifying events as they choose. Donated Credits will be tallied over a calendar year and applied to the Stormwater bill beginning in January of the year following the donation. Donated Credits cannot exceed 10% of the SMU Fee for the recipient property. Credits are valid for one (1) year. Contact should be made with LPTA prior to the event to receive all required forms and documentation.

Adopt an Inlet (SFR)

LPTA will grant customers a 10% Credit for participating in the Adopt an Inlet program. Although residents may adopt as many inlets as they like, only one adopted inlet will be applied per SFR for the purpose of Credit. Adopted inlets should be in close proximity to the property receiving the Credit. Participants will be responsible for keeping leaves and other debris away from their adopted inlet. Approved participants will receive periodic emails to alert them to check on and remove surface debris from their adopted inlet.

Applying for Credit

Pre-Application Meeting and Field Review

A number of proposed Credits will require a pre-application meeting and/or a field review with LPTA. All Owners interested in installing a new BMP or retrofitting an existing BMP should submit the Pre-Application Meeting Request form provided in Attachment D to LPTA. Township Staff will contact the Owner to schedule a mutually agreeable meeting date and time or provide notification if the specific installation does not necessitate a pre-application meeting.

Credit Application – See Attachment A

In order to receive Credit, all Owners must follow the subsequent application process. Materials can be mailed or personally delivered to LPTA at 425 Prince Street, Harrisburg, PA 17109, Attn: Sewer Director.

The following documentation must be submitted for an application to be reviewed:

1. Completed and signed credit application form.
 - a. Application forms are available in Attachment A, online at the Township website, and at the Township office (located at the address listed above).
2. Photographs of the site showing layout, inlets, outlets, etc.
3. Owner's Operation and Maintenance Plan and/or O&M Agreement.
4. Previous 1-year maintenance log. (Existing facilities only)
5. Application fee applies to certain credits. Refer to Table 1.

6. LPTA has the right to require submission of design documentation, as-built or construction drawings, and an engineering analysis from a Pennsylvania licensed professional engineer. Notification of this requirement will be provided in response to the Pre-Application Meeting Request.
7. LPTA has the right to require documentation from a licensed engineer that the facility is in proper working order. (Existing facilities only).
8. Additional documentation may be required at the request of LPTA.

Credit Approval Process

Properly submitted and complete applications will be reviewed by LPTA within 90 days of submission, unless extended by good cause shown. The applicant will be notified in writing whether the credits applied for were approved. Unapproved applications will have 60 days to resubmit before their application is terminated. Approved applicants will receive a letter stating the credit amount and that credits will be applied with the next quarterly billing cycle. For new construction, the credit will be applied with the initial stormwater fee bill for the property. Applicants/Owners who are required to have an O&M Agreement will receive the O&M Agreement with the conditional approval letter, indicating that the owner must sign and return the agreement to LPTA within 60 days (failure to do so will terminate the Credits). The agreement requires a Notary, the Township has a Notary available and may provide this service upon request. Following receipt of the properly executed O&M Agreement, Credits will be applied with the next quarterly billing cycle. See below for details on the O&M Agreement Approval Process.

Operation and Maintenance (O&M) Agreement Approval Process

As described in the previous section under Credit Approval Process, property owners that receive Credits for BMP's will be required to have a LPTA acceptable O&M agreement or may be required to sign a new O&M Agreement in order to qualify for the credit. See Table 1 for credits that require the O&M Agreement. Property owners should review the following guidelines to receive approval of an acceptable O&M Agreements under this Credit Policy.

1. **Pre-Existing BMP/O&M Agreement** - For property owners that are applying for a pre-existing BMP and have a pre-existing signed O&M agreement, the owner shall provide the approved SWM Site Plan, approved Maintenance Plan, the signed O&M agreement and proof that the O&M Agreement is recorded in the Dauphin County Recorder of Deeds Office. Owner shall also provide proof that the stormwater BMP's, as required by said Plan, are adequately operated and maintained by the owner.
2. **Pre-Existing BMP/No O&M Agreement** - For property owners that are applying for a pre-existing BMP but do not have a signed O&M agreement, they shall be required to provide the existing plan approved by the Township showing the BMP, the proposed maintenance plan and proof that the BMP has been adequately operated and maintained by the owner. If the credit application is approved by the Authority, owner will be required to sign a new O&M agreement. Please note that the O&M Agreement is required to be recorded in the Dauphin County Recorder of Deeds

Office by the property owner and proof of recording provided to LPT before the credit application is approved.

3. **All New BMP' and BMP Retrofits** - All proposed BMPs shall comply with the applicable design standards set forth in the Lower Paxton Township Stormwater Management Ordinance (Chapter 170 of the Code of Ordinances: <https://www.ecode360.com/LO1649>) and Pennsylvania Stormwater Best Management Practices Manual including, but not limited to, the use of appropriate professionals, such as Professional Engineers, Professional Geologists, Landscape Architects, Soil Scientists, etc. when required. When applicable, karst hazards, soil investigations, infiltration testing, or other pertinent site-assessment activities should be conducted.

Right of Inspection/Revocation of Credits

When applying for a Credit, the Owner agrees that properly identified LPT personnel or LPT representative may at reasonable times enter any property unannounced to inspect the property or condition or operation of BMPs. If, after its review or inspection, LPT staff finds the BMPs or Operations and Maintenance Agreement out of compliance with either the Credit Application or operational requirements, the Owner will be notified in writing and given sixty (60) days to correct the inaccuracy or non-compliance ("Notice of Non-Compliance").

The Owner will have sixty (60) days following the receipt of the Notice of Non-Compliance to provide LPTA written documentation and evidence satisfactory to LPTA staff that the issues described in the Notice of Non-Compliance have been corrected. If the Owner fails to provide a written response within the designated time frame or if the issues described in the Notice of Non-Compliance have not been corrected, the Credit will be suspended the following billing cycle. The Credit suspension will remain in effect a minimum of three (3) months. The Owner may reapply for the Credit once it has documentation, satisfactory to LPTA staff, that the issues described in the Notice of Non-Compliance have been corrected and that the BMP has been functioning in compliance with the requirements for a minimum of three (3) months.

Credit Renewal

Refer to Table 1 for details on credit expiration timeframes. You will note from Table 1 that most approved Credits are valid until the end of the Authority's permit cycle, except when a term is explicitly noted otherwise. Owners will be required to complete the Stormwater Credit Renewal Application form (Attachment B-1) to be eligible to re-new the expired Credit. Materials can be mailed or personally delivered to LPTA at 425 Prince Street, Harrisburg, PA 17109, Attn: Sewer Director. Failure to do so may result in Credits not being renewed before they expire. Renewal applications will be reviewed by LPTA within 90 days of submission. The applicant will be notified only if the credits are not renewed. Unapproved applications will have 60 days to resubmit before their application is terminated without a fee reimbursement.

The following documentation must be submitted for a renewal application to be reviewed.

1. Completed and signed renewal application form.
 - a. Application forms are available in Attachment B, online at the Township website, and at the Township office (located at the address listed above).

2. Current (1 month or less before submission) photographs of the site showing layout, inlets, outlets, etc.
3. Provide previous year's maintenance log.
4. Provide documentation from a Pennsylvania licensed professional engineer that the facility is in proper working order, where required by LPTA.
5. For MS4 Permit Compliance Credits documentation must be provided showing compliance with permit limits/regulations over the proceeding permit cycle.

Reassessments and Appeals

Reassessment of Properties

Property Owners may apply for reassessment if changes have been made to a property. **Specifically, if impervious surface has been removed from a property it will be removed from the fee calculation.** Application forms are available in Attachment C. Within 60 days of being received, Township Staff will contact the owner with information about the status of the application as well as instructions about how to proceed.

Permeable Pavement

Pervious pavement or pavers for driveways, parking lots, patios, sidewalks etc. that was installed as part of a stormwater structural BMP for a land development plan project, and has an existing Operations and Maintenance Agreement with the Township will not be assessed a SMU fee for this area and this area will not be considered IA.

Appeals

Property Owners may Appeal their initial Stormwater User Fee by following the procedures under the Authority Stormwater User Fee and Sewer Rental Billing and Collection Policy, Section X – Appeal Procedures.

Attachment A – Credit Application

Stormwater Credit Application Form

Credit Application Instructions

1. This form is provided to LPTA stormwater customers who believe they qualify for an approved Stormwater Credit. Customers should review the LPTA Credit Manual for eligibility requirements. Accounts must be current for credits to be considered.
2. Please fill out all sections on the first page of the form (except for the last section marked "For LPTA Use Only".) Please fill out all applicable sections on pages A-1 and A-2 related to the Credits you are applying for (except for the last section marked "For LPTA Use Only"). **NOTE: For rain barrel and adopt an inlet credits, only complete this page, A-1, by checking the appropriate box and completing the customer information.**
3. You may attach supporting documentation to the form. Please note that any submitted documentation will not be returned to the customer. Please mail completed form to:

Lower Paxton Township Authority
425 Prince Street, Harrisburg, PA 17109
Attn: Sewer Director
4. An LPTA representative will review the Stormwater Credit Application Form within 90 days of receipt of the completed form.

Attached Documents

The following documentation must be submitted for an application to be reviewed

1. Completed and signed credit application form.
2. Photographs of the site showing layout, inlets, outlets, etc.
3. Obtain owner's operation and maintenance plan, if applicable.
4. Provide previous year's maintenance log. (Existing facilities only)
5. Provide application fee, if required, per Table 1.
6. LPTA may require for the following additional documentation to be submitted:
 - a. Design documentation, as-built or construction drawings, and an engineering analysis from a PA licensed professional engineer.
 - b. Documentation from a licensed engineer that the facility is in proper working order. (Existing facilities only)
 - c. Other documentation as may be required at the request of the Authority.

Please review LPTA's Stormwater Management Program Credit Manual before applying

Select the credit(s) being applied for (check applicable boxes):

<input type="checkbox"/> Low Impact Parcel	No Fee	<input type="checkbox"/> BMP Easement	\$220	<input type="checkbox"/> Stormwater Partnership Credit	\$580
<input type="checkbox"/> Non Urbanized Parcel	No Fee	<input type="checkbox"/> Peak Rate Control/Volume Control Structural BMP	\$250	<input type="checkbox"/> Agricultural Use Credit	\$250
<input type="checkbox"/> Rain Barrels Rebate (Attach proof of purchase.)	No Fee	<input type="checkbox"/> Riparian Buffer	\$220		
<input type="checkbox"/> Education Credit	No Fee	<input type="checkbox"/> Stream Restoration	\$1,500		
<input type="checkbox"/> Public Participation	No Fee	<input type="checkbox"/> Turf and Landscape Management Program	\$250		
<input type="checkbox"/> Public Participation Credit Donation	No Fee	<input type="checkbox"/> Green Roofs	\$1,500		
<input type="checkbox"/> Adopt an Inlet Street name: _____	No Fee	<input type="checkbox"/> Separate MS4 Permit	\$1,700		

Customer Information

Owner's Name: _____
 Phone Number: _____ Alt. Phone Number: _____
 E-mail: _____
 Property Address: _____
 Mailing Address: _____
 Account Number: _____

Stormwater Credit Application Form (Cont.)

Turf and Landscape Management Program

Check all boxes that apply:

- I agree to submit a soil sample and provide LPTA with a copy of the results at least once every three years.
- I agree to follow the recommendations provided on the soil fertility report, including the application of lime if recommended.

Please attach a copy of the soil fertility report.

Public Participation Credit Donation

Check only one box:

- I want to donate my participation credits to an eligible non-profit.

Name of Event: _____ Date of Event: _____

Participant Name*: _____ Number of Hours*: _____

Name of Organization: _____

Address of Organization: _____

*Please attached a list of event participants and hours served if more than one person participated.

Additional Credits

If you are applying for any of the following credits, LPTA may contact you to discuss the details of the credit after you submit page 1 of the application.

- Peak Rate Control/Volume Control Structural BMP
- Riparian Buffer
- Stream Restoration
- Green Roofs
- Education Credit
- Separate MS4 Credit
- Stormwater Partnership Credit
- Agricultural use Parcels

Confirmation of Credit Conditions and LPTA Access Rights

I, (please print name) _____ agree to all conditions of the Credits I have applied for as outlined in the *Lower Paxton Township Authority Stormwater Management Program Credits and Incentive Manual*. Additionally, I agree that Lower Paxton Township Authority may at reasonable times enter my property to inspect the property or condition or operation of BMPs.

Signature: _____ Date: _____

FOR LPTA USE ONLY

Date Received: _____	Credit(s): <input type="checkbox"/> Granted <input type="checkbox"/> Denied
Date Reviewed: _____	Reviewer: _____

Attachment B – Renewal Application

Stormwater Credit Renewal Application Form

No Application Fee

Credit Renewal Application Instructions

1. This form is provided to existing LPTA stormwater customers who are renewing stormwater credit. Customers should review the LPTA Credit Manual for eligibility requirements for Credits. Accounts must be current for renewal applications to be considered.
2. Please fill out all sections on the form, except for the last section marked "For LPTA Use Only".
3. Please mail completed form to: Lower Paxton Township Authority
425 Prince Street, Harrisburg, PA 17109
Attn: Sewer Director
4. An LPTA representative will review the Stormwater Credit Application Form within 90 days of receipt of the completed form.

Attached Documents

The following documentation must be submitted for an application to be reviewed

1. Completed and signed credit application form.
2. Current (1 month or less before submission) photographs of the site showing layout, inlets, outlets, etc.
3. Obtain owner's operation and maintenance plan, if applicable.
4. Provide previous year's maintenance log.
5. LPTA may require the following additional documentation to be submitted:
 - a. Documentation from a licensed engineer that the facility is in proper working order. (Previously existing facilities only)
 - b. Other documentation as may be required at the request of the Authority.

Please Mark All Credits That Apply

<input type="checkbox"/> Low Impact Parcel	<input type="checkbox"/> BMP Easement	<input type="checkbox"/> Stormwater Partnership Credit
<input type="checkbox"/> Non Urbanized Parcel	<input type="checkbox"/> Peak Rate Control/Volume Control Structural BMP	<input type="checkbox"/> Agricultural Use Credit
<input type="checkbox"/> Rain Barrels Rebate	<input type="checkbox"/> Riparian Buffer	
<input type="checkbox"/> Education Credit	<input type="checkbox"/> Stream Restoration	
<input type="checkbox"/> Public Participation	<input type="checkbox"/> Turf and Landscape Mngmnt Pgrm	
<input type="checkbox"/> Public Participation Credit Donation	<input type="checkbox"/> Green Roofs	
<input type="checkbox"/> Adopt an Inlet Street name:	<input type="checkbox"/> Separate MS4 Permit	

Customer Information

Owner's Name: _____

Phone Number: _____ Alt. Phone Number: _____

E-mail: _____

Property Address: _____

Mailing Address: _____

Account Number: _____

I, (please print name) _____ agree to all conditions of the Credits associated with the above referenced property as outlined in the *Lower Paxton Township Authority Stormwater Management Program Credit Manual*. Additionally, I agree that Lower Paxton Township Authority may at reasonable times enter my property to inspect the property or condition or operation of BMPs. I also understand my obligations to any conditions listed in any Operation and Maintenance Agreements that are in existence for this property with LPTA.

Signature: _____ Date: _____

FOR LPTA USE ONLY

Date Received: _____	Credit(s): <input type="checkbox"/> Granted <input type="checkbox"/> Denied
Date Reviewed: _____	Reviewer: _____

Attachment C – Reassessment Application

Stormwater Reassessment Form

Reassessment Instructions

1. This form is provided to LPTA stormwater customers who have reduced their Impervious Area (IA) coverage or believe their IA or fee was improperly calculated.
2. Please fill out all sections on the form, except for the last section marked "For LPTA Use Only".
3. You may attach supporting documentation to the form. Please note that any submitted documentation will not be returned to the customer. Please mail or hand deliver completed form to:

Lower Paxton Township Authority
425 Prince Street. Harrisburg, PA 17109
Attn: Sewer Director

4. An LPTA representative will review the Stormwater Appeal and Reassessment Form within 60 days of receipt of the completed form.
5. Approved adjustments will be applied to the current stormwater bill and future billings, as deemed appropriate.

Attached Documents

The following documentation must be submitted for a reassessment application to be reviewed

1. Completed and signed Reassessment Application Form.

Appeal Information

Select the revision(s) being requested (check applicable boxes):

Impervious Area on Property has been reduced by the Property Owner. Provide a brief description of why the reassessment is necessary.

Reassessment IA Estimate: _____

Signature: _____ Date: _____

Customer Information

Owner's Name: _____

Phone Number: _____ Alt. Phone Number: _____

E-mail: _____

Property Address: _____

Mailing Address: _____

Account Number: _____

FOR LPTA USE ONLY

Date Received: _____	Credit(s): <input type="checkbox"/> Granted <input type="checkbox"/> Denied
Date Reviewed: _____	Reviewer: _____

Attachment D – Pre-Application Meeting Request Form

Stormwater Credit Pre-Application Meeting Request Form

Pre-Application Meeting Request Instructions

1. This form is provided to LPTA stormwater customers who want to install a new BMP or retrofit an existing BMP to become eligible for LPTA stormwater Credit. Customers should review the LPTA Credit Manual for eligibility requirements for Credits. Accounts must be current for credits to be considered.
2. Please fill out all sections on the form, except for the last section marked "For LPTA Use Only".
3. Please mail completed form to:

Lower Paxton Township Authority
 425 Prince Street, Harrisburg, PA 17109
 Attn: Sewer Director
4. An LPTA representative will review the Stormwater Credit Application Form within 90 days of receipt of the completed form.

Please Mark All That Apply

- I want to install a new BMP
- I want to retrofit an existing BMP
- I want to discuss a BMP easement, riparian buffer, stream restoration project
- I have an idea for a project that might qualify for the Stormwater Partnership Credit
- Other: _____

Customer Information

Owner's Name: _____

Phone Number: _____ Alt. Phone Number: _____

E-mail: _____

Property Address: _____

Mailing Address: _____

Account Number: _____

Parcel ID (if known): _____

FOR LPTA USE ONLY

Date Received: _____	Credit(s): <input type="checkbox"/> Granted <input type="checkbox"/> Denied
Date Reviewed: _____	Reviewer: _____

Attachment E – Credit Calculation Examples

Credit Calculation Examples

Example 1: A residential property owner decides to create and maintain a protected riparian buffer alongside a stream on her property. After providing all of the required information to LPTA and receiving approval. The riparian buffer was construction. After inspected by LPTA, LPTA approved the maximum riparian buffer credit of 30%. The property owner's quarterly fee reduces from \$26.00 to \$18.20.

$$\begin{aligned}\text{Quarterly SMU Fee} &= \text{SMU Rate } (\$/\text{ERU}/\text{Quarter}) \times (1 - \text{Credit Percentage}) \\ &= \$26.00 \text{ per quarter} \times (1 - 0.30) \\ &= \$26.00 \text{ per quarter} \times (0.70) \\ &= \$18.20 \text{ per quarter}\end{aligned}$$

Example 2: A residential property owner is currently receiving a 20% credit on their non-urbanized parcel. The property owner decides to submit plans to perform a stream restoration on the same parcel. The maximum credit for a stream restoration is 30%. LPTA informs the property owner that although the proposed stream restoration could receive a maximum 30% credit, the credits are accumulative (20% + 30% = 50%) but per the credit policy the maximum credit that may be applied to the property is 45% (refer to page 7). The property owners decided to continue with the stream restoration. The property owner's quarterly fee reduces from \$26.00 to \$14.30.

$$\begin{aligned}\text{Quarterly SMU Fee} &= \text{SMU Rate } (\$/\text{ERU}/\text{Quarter}) \times (1 - \text{Credit Percentage}) \\ &= \$26.00 \text{ per quarter} \times (1 - 0.45) \\ &= \$26.00 \text{ per quarter} \times (0.55) \\ &= \$14.30 \text{ per quarter}\end{aligned}$$

Example 3: A commercial property owner has 10,000 sf of IA, which the owner is currently billed at \$76.47 per quarter [$\$26.00 \times (10,000 / 3,400)$]. The owner connects half of the IA (5000 sf) to a peak rate control/volume control structure BMP receiving 45% credit.

$$\begin{aligned}\text{Percentage of Impacted IA} &= (5000 \text{ sf IA} / 10,000 \text{ sf Total IA}) = 50\% \\ \text{Approved Credits} &= 45\% \text{ credit applied to } 50\% \text{ of the Total IA} = 22.5\%\end{aligned}$$

$$\begin{aligned}\text{Quarterly SMU Fee} &= \text{SMU Rate } (\$/\text{ERU}/\text{Quarter}) \times (1 - \text{Credit Percentage}) \\ &= \$26.00 \text{ per ERU per Quarter} \times (1 - 0.225) \\ &= \$26.00 \times (10,000 / 3,400) \text{ ERU per Quarter} \times (1 - 0.225) \\ &= \$26.00 \times 2.9 \text{ ERU per Quarter} \times (1 - 0.225) \\ &= \$59.26 \text{ per quarter}\end{aligned}$$