

Londonderry Township

MCM #4: Construction Site Runoff Control Minimum Measure

- **Objective 1:** A building, other permit, or final approval may not be issued to those proposing or conducting earth disturbances requiring an NPDES permit, unless the party has a valid NPDES Permit Covered under 25 PA Code Chapter 102.42.
- **Objective 2:** If/when a permit is issued, DEP will be notified within 5 days of the receipt of an application for a permit involving earth disturbance activity consisting of one acre or more, in accordance with 25 PA Code 102.42
- **Objective 3:** Enact, implement and enforce an ordinance or SOP to require the implementation and maintenance of E&S control BMPs, including sanctions for non-compliance, as applicable.

Construction sites can be a significant contributor of sediment to MS4s. As a result of the municipal land development review process, Londonderry Township supports the Dauphin County Conservation District (DCCD) in maintaining paperwork for and inspecting all permitted construction projects, through a memorandum of understanding, last updated and executed on April 3, 2014. The Township Engineer also provides construction site inspection with the purpose of observing the installation of public improvements and ensuring that Chapter 102 and NPDES regulations are being followed by the contractor.

Londonderry Township, Dauphin County, PA is a township of approximately 5,200 residents that has been required to develop, implement, and enforce a program to reduce pollutants in any stormwater runoff from construction activities that result in a land disturbance of greater than or equal to one acre. Londonderry Township proposes the following BMPs and measurable goals in order to best manage local construction activities.

- **Objective 1:** A building, other permit, or final approval may not be issued to those proposing or conducting earth disturbances requiring an NPDES permit, unless the party has a valid NPDES Permit Covered under 25 PA Code Chapter 102.42.
 - All reported violations will be recorded on the MS4 Concern form which will prompt the Environmental department to either inspect an illicit discharge, construction violation, E&S, or some other MS4 related violation. Proper waste disposal will also be reviewed during the onsite construction inspection by the Township, Township Engineer, and/or the County Conservation District.
 - **Accountability:** It has been determined that land development has the potential to be a large contributor of pollution and/or sediment into the Township's MS4. Therefore, to best manage this potential, the Township will educate and inform applicants of some

common mistakes, and make them aware of specific ordinances (Chapter 26 Part C § 112 General Requirements). The MS4 concern form will trigger a prompt response from Township employees to investigate potential violations. The codes/zoning officer will maintain a list of current land developments within the Township, and ensure with the help of the Township Engineer and DCCD compliance on these sites.

- **Objective 2:** If/when a permit is issued, DEP will be notified within 5 days of the receipt of an application for a permit involving earth disturbance activity consisting of one acre or more, in accordance with 25 PA Code 102.42
 - Dauphin County Conservation District (DCCD) and Londonderry Township require all land developments of greater than 1,000 square feet to obtain an approved E&S plan from the DCCD. The Township will target this activity through educational materials and direct conversations with permit applicants.
 - The Township will promote Low Impact Development (LID) to reduce the number of E&S violations, as well as serve to educate contractors and community members about best construction practices available. LID can be an effective tool to reduce E&S violations, as they reduce the volume of sediment disturbed and ultimately reduces exposed soils to precipitation, which will prevent sediment being displaced. Providing resources and education will allow developers and contractors to visualize their impacts on the storm system, and will help them to better understand their impact. Additionally, educating owners, designers and installers about proper selection, installation, inspection and maintenance of BMPs will help to ensure compliance with E&S requirements, as well as NPDES permit requirements.
- **Objective 3:** Enact, implement and enforce an ordinance or SOP to require the implementation and maintenance of E&S control BMPs, including sanctions for non-compliance.
 - **Accountability:** In order to best use their resources, the Township would like to prevent as many violations as possible before they occur. Current Township ordinance, (Chapter 26 Part D § 117), states that all regulated activities include, to the maximum extent practicable, measures to meet water quality goals through a variety of techniques as stated in the above ordinance number. The Township's ordinance encourages applicants to implement a list of BMPs to the maximum extent practicable. The Township believes that by educating every applicant they can reduce the overall number of complaints and violations pertaining to the ordinance and erosion and sedimentation plans.

Revised 1/8/2021.

Updated to better align with permit requirements 7/25/2019.

Updated to reflect current Township programs and abilities 6/10/2019.