

Lower Allen Township's

# Guide to MS4

Municipal Separate Storm Sewer System

November 2025 Edition

## ***Stormwater Pollution Comes in Many Forms***



Image credit: Three Rivers Waterkeepers

Often times in stormwater pollution discussions, the topic is sediment reduction, bacteria levels, or other chemical compounds found in the water. In one Pennsylvania watershed the topic is nurdles. Nurdles are tiny plastic pellets (smaller than 5 mm or 0.20 in) that are used in the plastics industry for the manufacture of plastic products. A Western Pennsylvania plastics company is faced with paying \$2.6 million in penalties and remediation costs for repeated pollution violations in Raccoon Creek and the Ohio River. Pennsylvania Department of Environmental Protection Secretary Jessica Shirley said, "Pennsylvanians have a right to a clean and safe environment." The nurdles were first discovered by a water monitoring group on the Ohio River and Raccoon Creek. This is a clear example of if you see something, say something. Report any pollution, odors, color changes, or any other suspicious water issues to Lower Allen Township Stormwater Department through the Township webpage.