



Established: 1966

Location: Hilliard, Ohio

Ohio Workforce: 800

Website: www.adspipe.com

Primary Recycling Material: HDPE, largest usage of plastic materials

Landfill Diversion: 540 million pounds per year

Mission: Advancing quality of life through sustainable solutions to water management challenges.

About Us: Advanced Drainage Systems (ADS) is a leading manufacturer of innovative stormwater and on-site septic wastewater solutions that manages the world's most precious resource: water. ADS (NYSE: WMS) and its subsidiary, Infiltrator Water Technologies, provide superior stormwater drainage and on-site septic wastewater products used in a wide variety of markets.

ADS is also one of the largest plastic recycling companies in North America, with approximately 70 manufacturing plants and 40 distribution centers making up the company's massive manufacturing network. ADS ensures over half a billion pounds of plastic is kept out of landfills every year. The company's products are designed to last for decades, significantly extending the life of single-use plastics from its partners and creating a sustainable solution for plastic waste.

Recycling Process: ADS recycles mostly high-density polyethylene (HDPE), commonly used for milk, shampoo, detergent and other non-clear containers. ADS buys bales of HDPE plastic from material recovery facilities (such as Rumpke) that get shipped to one of nine ADS recycling plants. All materials are sorted by hand along a conveyor belt by ADS workers trained to recognize different types of plastic and separate miscellaneous materials such as aluminum, glass and other plastics. Those non-HDPE materials are baled and resold to other companies, keeping them out of the landfill as well.

Once sorted, the HDPE plastic is ground into small flakes and sent through a high-intensity washer. A drying process removes any fluff and then an extruder melts the plastic. A pelletizer (imagine a Play-Doh machine) cuts those strings into the highest-quality recycled plastic pellets, which are then shipped to ADS pipe plants around the U.S. That is where the pellets are melted and formed into stormwater pipes and delivered to projects all over North America. ADS pipes can last underground for more than 100 years.



“ We will continue to invest and keep pace. But if we cannot procure that much material, we won't be able to achieve our goal. We are relying on millions of people to participate in recycling to meet our goal. ”

Kristen Rinehart, ADS VP and General Manager of Recycling

