Advanced Drainage Systems protects the world’s precious natural resources as a global provider of water management solutions, using environmentally friendly raw materials and sustainable practices.
Sustainability: A Natural Fit

At Advanced Drainage Systems, Inc., sustainability is a natural fit with everything we do. From our beginnings as an agricultural drainage company to a water management company, ADS’ focus has always been on the environment. For example:

- We help contractors, engineers, developers, municipalities, and homeowners responsibly and safely manage a precious resource – water – through our innovative products. ADS’ solutions manage billions of gallons of storm water runoff, protecting bodies of water, making cities more livable and improving quality of life.

- We design products that make the world a more livable place while designing materials that are friendly to the environment.

- Our manufacturing processes reuse waste that otherwise might spoil our land, water and air.

Each pipe, fitting and chamber shipped helps to improve the environments and lives of people everywhere. We are committed to sustainability because it’s good for our customers, good for our society and good for the business.
A Recycling Powerhouse

Our expertise in materials science has made us a national leader in the use of recycled thermoplastics.

- We began researching and experimenting with recycled materials in our products more than 20 years ago, and worked with organizations such as ASTM International to develop industry standards.

- Today, with more than 30 patents issued since 2007, we continue to develop highly engineered products using environmentally friendly materials.

- Green Line Polymers®, our wholly owned recycling business, processes reusable high-density polyethylene (HDPE) materials at eight facilities across North America.

- Thirty years ago, we used almost 100% virgin resin in our pipes. By 2017, recycled content had risen to nearly 60% while maintaining industry-leading product quality.

- ADS is the largest consumer of recycled HDPE in the United States and is one of the nation’s largest recycling companies.

- We recycle five times more plastic waste than we generate, keeping more than 400 million pounds of plastic out of landfills each year.

>400M pounds of plastic is kept from landfills each year because of ADS

1 of the Top 10 Largest Recycling Companies in North America

Our MEGA GREEN™ pipe contains >60% recycled HDPE material

Our StormTech® chambers have managed >1.4 billion gallons of storm water runoff

Our Barracuda™ water quality units treat >100,000 gallons of water per minute during storm events
Giving Back as a Good Corporate Citizen

We routinely support critical research to improve the performance of our products and their service life. We also support research that helps guide development of sustainable products within our industry. Notable studies include:

• National Cooperative Highway Research Program Report 870: Performance of Corrugated Pipe Manufactured with Recycled Content

• Long-Term Performance of Corrugated HDPE Pipes Manufactured with Recycled Materials for Commuter Railroad Applications

• Life Cycle Assessment of North American Municipal Pipe Systems for the Plastic Pipe Institute

• University of New Hampshire Stormwater Center Comparison Study of the Performance of Stormwater Treatment Systems
Improving Transportation Efficiency

With nearly 50 manufacturing plants and 30 distribution centers in the United States and Canada, ADS operates a large and sophisticated logistics network. We work continuously to optimize our fleet and shipping routes while also reducing fuel consumption and emissions. For example:

- We have improved our fleet’s fuel economy by 6% since 2015 through route optimization, maintenance schedules and vehicle modifications.

- We promote higher gear/lower RPM use of cruise control, less idling time and a decrease in out-of-route miles through training and data feedback.

- We have increased the number of medium duty trucks by 50% since 2017 (representing 8% of our fleet), resulting in a 2 MPG improvement in fuel economy over the alternative heavy duty trucks.

- All new trucks are purchased to meet or exceed EPA standards and are equipped with aerodynamic packages to improve fuel economy.