

ADVANCED DRAINAGE SYSTEMS, INC.

Form 10-K/A

January 10, 2017

[Table of Contents](#)

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 10-K/A

(Amendment No. 1 to Form 10-K)

**ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT
OF 1934**

For the fiscal year ended March 31, 2016

OR

**TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE
ACT OF 1934**

For the transition period from _____ to _____

COMMISSION FILE NO.: 001-36557

ADVANCED DRAINAGE SYSTEMS, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)
4640 Trueman Boulevard, Hilliard, Ohio 43026
(Address of principal executive offices and zip code)
(614) 658-0050
(Registrant's telephone number, including area code)

51-0105665
(I.R.S. Employer
Identification Number)

Securities registered pursuant to Section 12(b) of the Act: Common Stock, \$0.01 par value per share

Title of Each Class	Name of Each Exchange On Which Registered
Common Stock, \$0.01 par value per share	New York Stock Exchange
Securities registered pursuant to Section 12(g) of the Act: None	

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

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Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K/A or any amendment to this Form 10-K/A.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of large accelerated filer, accelerated filer, and smaller reporting company in Rule 12b-2 of the Exchange Act. (Check one)

Large Accelerated Filer

Accelerated Filer

Non-Accelerated Filer

Smaller Reporting Company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

The aggregate market value of the shares of common stock held by non-affiliates of the registrant (treating all executive officers and directors of the registrant, for this purpose, as affiliates of the registrant) was \$997 million as of September 30, 2015, the last business day of the registrant's most recently completed second fiscal quarter, based on the reported closing price of the shares of common stock as reported on the New York Stock Exchange on September 30, 2015.

As of August 31, 2016, the registrant had 54,887,305 shares of common stock outstanding. The shares of common stock trade on the New York Stock Exchange under the ticker symbol WMS. In addition, as of August 31, 2016, 55,348 shares of unvested restricted common stock were outstanding and 24,600,953 shares of ESOP preferred stock, convertible into 18,923,053 shares of common stock, were outstanding. As of August 31, 2016, 73,865,706 shares of common stock were outstanding, inclusive of outstanding shares of unvested restricted common stock and on an as-converted basis with respect to the outstanding shares of ESOP preferred stock.

DOCUMENTS INCORPORATED BY REFERENCE

None.

Table of Contents

TABLE OF CONTENTS

<u>Explanatory Note</u>	Page
<u>Cautionary Statement About Forward-Looking Statements</u>	1
	1
<u>PART I</u>	
Item 1. <u>Business</u>	4
Item 1A. <u>Risk Factors</u>	15
Item 1B. <u>Unresolved Staff Comments</u>	35
Item 2. <u>Properties</u>	35
Item 3. <u>Legal Proceedings</u>	36
Item 4. <u>Mine Safety Disclosures</u>	36
<u>PART II</u>	
Item 5. <u>Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities</u>	37
Item 6. <u>Selected Financial and Operating Data</u>	39
Item 7. <u>Management's Discussion and Analysis of Financial Condition and Results of Operations</u>	46
Item 7A. <u>Quantitative and Qualitative Disclosures About Market Risk</u>	69
Item 8. <u>Financial Statements and Supplementary Data</u>	71
Item 9. <u>Changes in and Disagreements with Accountant on Accounting and Financial Disclosure</u>	71
Item 9A. <u>Controls and Procedures</u>	71
Item 9B. <u>Other Information</u>	74
<u>PART III</u>	
Item 10. <u>Directors, Executive Officers and Corporate Governance</u>	75
Item 11. <u>Executive Compensation</u>	79
Item 12. <u>Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters</u>	99
Item 13. <u>Certain Relationships and Related Transactions, and Director Independence</u>	100
Item 14. <u>Principal Accountant Fees and Services</u>	101
<u>PART IV</u>	
Item 15. <u>Exhibits and Financial Statement Schedules</u>	103

Table of Contents

EXPLANATORY NOTE

Subsequent to the issuance of the Company's consolidated financial statements for the fiscal year ended March 31, 2016, Advanced Drainage Systems, Inc. identified errors in its historical consolidated financial statements related primarily to the accounting for stock-based compensation, as well as the compensation expense associated with certain executive employment agreements. As a result, Advanced Drainage Systems, Inc. is filing this Amendment No. 1 on Form 10-K/A (the "Fiscal 2016 Form 10-K/A") to amend and restate in their entirety the following items of its Annual Report on Form 10-K for the fiscal year ended March 31, 2016 as originally filed with the Securities and Exchange Commission on September 15, 2016 (the "Original Form 10-K"): (i) Item 1 of Part I, Business, (ii) Item 1A of Part I, Risk Factors, (iii) Item 6 of Part II, Selected Financial and Operating Data, (iv) Item 7 of Part II, Management's Discussion and Analysis of Financial Condition and Results of Operations, (v) Item 8 of Part II, Financial Statements and Supplementary Data, (vi) Item 9A of Part II, Controls and Procedures, and (vii) Item 15 of Part IV, Exhibits and Financial Statement Schedules. The Company has also updated the signature page, the consent of our independent registered public accounting firm in Exhibit 23.1, the certifications of the Chief Executive Officer and Chief Financial Officer in Exhibits 31.1, 31.2, 32.1 and 32.2, respectively, and the consolidated financial statements formatted in Extensible Business Reporting Language (XBRL) in Exhibits 101, as well as certain information in the Grants of Plan-Based Awards for Fiscal Year 2016 section of Item 11 of Part III, Executive Compensation. While no other sections were affected, for the convenience of the reader, all sections included in the Original Form 10-K are presented herein. This report on Form 10-K/A is presented as of the filing date of the Original Form 10-K and does not reflect events occurring after that date, or modify or update disclosures, other than as required to reflect the restatement and to provide updated information regarding debt covenant waivers.

For further information about the restatement (the "Stock-Based Compensation Restatement"), see Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations and Note 23. Restatement of Previously Issued Financial Statements to our audited consolidated financial statements included in Item 8. Financial Statements and Supplementary Data of this Form 10-K/A. Additionally, see Item 6. Selected Financial and Operating Data for a summary of the effects of the restatement adjustments on fiscal years 2013 and 2012, and Note 24. Quarterly Financial Information (Unaudited) to the consolidated financial statements included in this Annual Report presents historical unaudited consolidated quarterly financial information for each of the quarters during the years ended March 31, 2016 and 2015. This Form 10-K/A is being filed concurrently with the Company's Forms 10-Q/A for the periods ended June 30, 2015, September 30, 2015 and December 31, 2015.

CAUTIONARY STATEMENT ABOUT FORWARD-LOOKING STATEMENTS

This Annual Report on Form 10-K/A includes forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Some of the forward-looking statements can be identified by the use of terms such as believes, expects, may, will, should, could, seeks, intends, plans, estimates, anticipates, and similar comparable terms. These forward-looking statements include all matters that are not related to present facts or current conditions or that are not historical facts. They appear in a number of places throughout this Annual Report on Form 10-K/A and include statements regarding our intentions, beliefs or current expectations concerning, among other things, our consolidated results of operations, financial condition, liquidity, prospects, growth strategies, and the industries in which we operate and include, without limitation, statements relating to our future performance.

Table of Contents

Forward-looking statements are subject to known and unknown risks and uncertainties, many of which are beyond our control. We caution you that forward-looking statements are not guarantees of future performance and that our actual consolidated results of operations, financial condition, liquidity, and industry development may differ materially from those made in or suggested by the forward-looking statements contained in this Annual Report on Form 10-K/A. In addition, even if our actual consolidated results of operations, financial condition, liquidity, and industry development are consistent with the forward-looking statements contained in this Annual Report on Form 10-K/A, those results or developments may not be indicative of results or developments in subsequent periods. A number of important factors could cause actual results to differ materially from those contained in or implied by the forward-looking statements, including those reflected in forward-looking statements relating to our operations and business, the risks and uncertainties discussed in this Annual Report on Form 10-K/A (including under the heading **Item 1A. Risk Factors**) and those described from time to time in our other filings with the SEC. Factors that could cause actual results to differ from those reflected in forward-looking statements relating to our operations and business include, among other things:

our ability to remediate the material weaknesses in our internal controls over financial reporting described in **Item 9A. Controls and Procedures** of this Annual Report, and discovering further weaknesses of which we are not currently aware or which have not been detected;

the risk that additional information may arise that would require the Company to make additional adjustments or revisions or to restate further the financial statements and other financial data for certain prior periods and any future periods;

the effect of any claims, litigation, investigations or proceedings resulting from the restatement of our previously issued financial statements, or the matters related to such restatement, including those described below under **Item 3. Legal Proceedings** of this Annual Report;

our ability to regain and/or maintain compliance with the New York Stock Exchange's (NYSE) continued listing requirements under the timely filing criteria outlined in Section 802.01E of the NYSE Listed Company Manual;

any further delay in the filing of any periodic reports with the SEC;

fluctuations in the price and availability of resins and other raw materials and our ability to pass any increased costs of raw materials on to our customers in a timely manner;

volatility in general business and economic conditions in the markets in which we operate, including without limitation factors relating to availability of credit, interest rates, fluctuations in capital and business and consumer confidence;

cyclicality and seasonality of the non-residential and residential construction markets and infrastructure spending;

the risks of increasing competition in our existing and future markets, including competition from both manufacturers of high performance thermoplastic corrugated pipe and manufacturers of products using alternative materials;

our ability to continue to convert current demand for concrete, steel and polyvinyl chloride (PVC) pipe products into demand for our high performance thermoplastic corrugated pipe and Allied Products;

the effect of weather or seasonality;

the loss of any of our significant customers;

the risks of doing business internationally;

the risks of conducting a portion of our operations through joint ventures;

our ability to expand into new geographic or product markets;

our ability to achieve the acquisition component of our growth strategy;

the risk associated with manufacturing processes;

our ability to manage our assets;

Table of Contents

the risks associated with our product warranties;

our ability to manage our supply purchasing and customer credit policies;

the risks associated with our self-insured programs;

our ability to control labor costs and to attract, train and retain highly-qualified employees and key personnel;

our ability to protect our intellectual property rights;

changes in laws and regulations, including environmental laws and regulations;

our ability to project product mix;

the risks associated with our current levels of indebtedness;

our ability to meet future capital requirements and fund our liquidity needs; and

other risks and uncertainties, including those listed under Item 1A. Risk Factors.

You should read this Annual Report on Form 10-K/A completely and with the understanding that actual future results may be materially different from expectations. All forward-looking statements made in this Annual Report on Form 10-K/A are qualified by these cautionary statements. All forward-looking statements are made only as of the date of this Annual Report on Form 10-K/A, and we do not undertake any obligation, other than as may be required by law, to update or revise any forward-looking statements to reflect future events or developments. Comparisons of results for current and any prior periods are not intended to express any future trends, or indications of future performance, unless expressed as such, and should only be viewed as historical data.

Table of Contents

PART I

ITEM 1. BUSINESS
COMPANY OVERVIEW

Unless the context otherwise indicates or requires, as used in this Annual Report on Form 10-K/A, the terms we, our, us, ADS and the Company refer to Advanced Drainage Systems, Inc. and its directly- and indirectly-owned subsidiaries as a combined entity, except where it is clear that the terms mean only Advanced Drainage Systems, Inc. exclusive of its subsidiaries.

We are the leading manufacturer of high performance thermoplastic corrugated pipe, providing a comprehensive suite of water management products and superior drainage solutions for use in the underground construction and infrastructure marketplace. Our innovative products are used across a broad range of end markets and applications, including non-residential, residential, agriculture and infrastructure applications. We have established a leading position in many of these end markets by leveraging our national sales and distribution platform, our overall product breadth and scale and our manufacturing excellence. In the United States, our national footprint combined with our strong local presence and broad product offering make us the leader in an otherwise highly fragmented sector comprised of many smaller competitors. We believe the markets we serve in the United States represent approximately \$10.8 billion of annual revenue opportunity. In addition, we believe the increasing acceptance of thermoplastic pipe products in international markets represents an attractive growth opportunity. For fiscal year 2016, we generated net sales of \$1,290.7 million, net income of \$30.6 million and adjusted earnings before interest, taxes, depreciation and amortization (Adjusted EBITDA) of \$187.3 million and, as of March 31, 2016, we had \$351.2 million of total outstanding debt. For a reconciliation of Adjusted EBITDA to the most directly comparable measure calculated in accordance with accounting principles generally accepted in the United States of America (GAAP), see Item 6. Selected Financial and Operating Data.

Our products are generally lighter, more durable, more cost effective and easier to install than comparable alternatives made with traditional materials. Following our entrance into the non-residential construction market with the introduction of N-12 corrugated polyethylene pipe in the late 1980s, our pipe has been displacing traditional materials, such as reinforced concrete, corrugated steel and PVC, across an ever expanding range of end markets. This has allowed us to consistently gain share and achieve above market growth throughout economic cycles. We expect to continue to drive conversion to our products from traditional materials as contractors, civil design engineers and municipal agencies increasingly acknowledge the superior physical attributes and compelling value proposition of our thermoplastic products. In addition, we believe that overall demand for our products will increase as the regulatory environment continues to evolve.

Our broad product line includes corrugated high density polyethylene (or HDPE) pipe, polypropylene (or PP) pipe and related water management products. Building on our core drainage businesses, we have aggressively pursued attractive ancillary product categories such as storm and septic chambers, PVC drainage structures, fittings, and water quality filters and separators. We refer to these ancillary product categories as Allied Products. Given the scope of our overall sales and distribution platform, we have been able to drive growth within our Allied Products and believe there are significant growth opportunities going forward.

We have an extensive network of 61 manufacturing plants and 31 distribution centers, including the facilities owned or leased by our joint ventures, located across the United States, Puerto Rico, Canada, Mexico, South America and Europe. In the U.S., our network of 47 manufacturing plants and 20 distribution centers allows us to effectively serve

all major markets in the United States, which we define as the largest 100 metropolitan statistical areas based on population. The effective shipping radius for our pipe products is approximately 200 miles, thus competition in our industry tends to be on a regional and local basis with minimal competition from distant markets and imports. We are the only supplier of high performance thermoplastic corrugated pipe in our industry with a national footprint in the United States, thereby allowing us to efficiently service those customers that value having one source of supply throughout their entire distribution network. We believe our extensive national footprint in the United States creates a cost and service advantage versus our HDPE pipe producing competitors, the largest of which has only 11 domestic HDPE pipe manufacturing plants and, according to the July 25, 2016 ranking by Plastics News of Pipe, Profile & Tubing Extruders, recently had estimated sales of \$140 million, or approximately nine times less than our net sales in fiscal year 2016. Our International segment consists of 14 manufacturing plants in Canada, Mexico, South America and Puerto Rico and 11 distribution centers located in Canada, South America, and Europe.

The majority of our sales are made through long-standing distribution relationships with many of the largest national and independent waterworks distributors, including Ferguson Enterprises (Ferguson), HD Supply Waterworks (HD Supply) and WinWholesale, who sell primarily to the storm sewer and sanitary sewer markets. We also utilize a network of hundreds of small to medium-sized independent distributors across the United States. We have strong relationships with major national retailers that carry drainage products, including The Home Depot, Lowe s, Ace Hardware, Carter Lumber and Do it Best, and also sell to buying groups and co-ops in the United States that serve the plumbing, hardware, irrigation and landscaping markets. The combination of our large sales force, long-standing retail and contractor customer relationships and extensive network of manufacturing and distribution facilities complements and strengthens our broad customer and market coverage.

Table of Contents

We believe the ADS brand has long been associated with quality products and market-leading performance. Our trademarked green stripe, which is prominently displayed on many of our products, serves as clear identification of our commitment to the customers and markets we serve.

As illustrated in the charts below, we provide a broad range of high performance thermoplastic corrugated pipe and related water management products to a highly diversified set of end markets and geographies.

Fiscal Year 2016 Revenue

RECENT DEVELOPMENTS

From July 2015 through February 2016, the Company amended the ADS Revolving Credit Facility, the ADS Mexicana Revolving Credit Facility (the Revolving Credit Facilities) and the Term Note (collectively, the Bank Term Loans), and the Senior Notes, and also obtained various consents from those lenders. These amendments and consents had the effect of: i) extending the time for delivery of our fiscal 2015 audited financial statements and first, second, and third quarter fiscal 2016 quarterly financial information to April 1, 2016, whereby an event of default was waived as long as those items were delivered by that date, ii) modified certain definitions applicable to the Company's affirmative and negative financial covenants, including the negative covenant on indebtedness, to accommodate the Company's treatment of its transportation and equipment leases as capital leases rather than operating leases and to accommodate the treatment of the costs related to the Company's restatement, and iii) permitted the Company's payment of quarterly dividends on common shares in June, August and December 2015, as well as an annual dividend for preferred shares in March 2016. The Company satisfied the amended reporting requirements prior to April 1, 2016.

In July 2016, the Company obtained additional consents from the lenders of the Bank Term Loans and Senior Notes. These consents had the effect of extending the time for delivery of our fiscal 2016 audited financial statements to August 31, 2016, and first quarter fiscal 2017 quarterly financial information to October 15, 2016, whereby an event of default was waived as long as those items are delivered within a 15 day grace period after those dates. In addition, the consents also permitted the Company's payment of quarterly dividends of \$0.06 per share on common shares in each of June and September 2016, as well as the annual dividend of \$0.0195 per share to be paid on shares of preferred stock in March 2017. See Note 12. Debt to our consolidated financial statements included in Item 8. Financial Statements and Supplementary Data of this Form 10-K/A.

In October 2016, the Company obtained additional consents from the lenders of the Bank Term Loans and Senior Notes. These consents had the effect of extending the time for delivery of our first quarter fiscal 2017 quarterly financial information to November 30, 2016 and our second quarter fiscal 2017 quarterly financial information to December 31, 2016, whereby an event of default was waived as long as those items are delivered within a 30 day grace period after those dates. In addition, the consents also permitted the Company's payment of a quarterly dividend of \$0.06 per share on common shares in December 2016, as well as the annual dividend of \$0.0195 per share to be paid on shares of preferred stock in March 2017.

In December 2016, the Company obtained additional consents from the lenders of the Bank Term Loans and Senior Notes. These consents had the effect of extending the time for delivery of our first quarter fiscal 2017 quarterly financial information to January 31, 2017.

Table of Contents

On July 17, 2015, we acquired an additional 10% of the issued and outstanding membership interests in BaySaver Technologies, LLC (BaySaver) for a purchase price of \$3.2 million, subject to certain additional post-closing purchase price payments specified in the Purchase Agreement. Concurrent with the acquisition, we also entered into an amendment to the BaySaver joint venture agreement to change the voting rights for the joint venture from an equal vote for each member to a vote based upon the respective ownership interest. As a result of the acquisition and the amendment, the Company increased its ownership interest to 65% of the issued and outstanding membership interests in BaySaver and obtained the majority of the voting rights. As a result, our consolidated financial statements include the consolidation of BaySaver's financial statements beginning on July 17, 2015. See Note 3. Acquisitions to our consolidated financial statements included in Item 8. Financial Statements and Supplementary Data of this Form 10-K/A.

On January 30, 2015, Hancor of Canada, Inc., a wholly-owned subsidiary of the Company, acquired all issued and outstanding shares of Ideal Drain Tile Limited and Wave Plastics Inc., the sole partners of Ideal Pipe, (together Ideal Pipe). Ideal Pipe designs, manufactures and markets high performance thermoplastic corrugated pipe and related water management products used across a broad range of Canadian end markets and applications, including nonresidential, residential, agriculture, and infrastructure applications. The acquisition further strengthens our positions in Canada by increasing our size and scale in the market, as well as enhancing our manufacturing, marketing and distribution capabilities. The purchase price of Ideal Pipe was \$43.8 million, financed through our existing line of credit facility.

In July 2014, we completed an initial public offering of our common stock. In December 2014, a certain selling stockholder sold 10 million shares of our common stock in a secondary public offering. See Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations Recent Developments. Our common stock is listed on the NYSE under the symbol WMS.

SEGMENT INFORMATION

For a discussion of segment and geographic information, see Note 21. Business Segment Information to our audited consolidated financial statements included in Item 8. Financial Statements and Supplementary Data of this Form 10-K/A.

OUR MANUFACTURING AND DISTRIBUTION PLATFORM

We have a leading domestic and international manufacturing and distribution infrastructure, serving customers in all 50 U.S. states as well as approximately 80 other countries through 61 manufacturing plants and 31 distribution centers including the facilities owned or leased by our joint ventures. We also operate an in-house fleet of approximately 675 tractor-trailers. Our effective shipping radius is approximately 200 miles from one of our manufacturing plants or distribution centers. Our scale and extensive network of facilities provide a critical cost advantage versus our competitors, as we are able to more efficiently transport products to our customers and end users and to promote faster product shipments due to our proximity to the delivery location.

The combination of a dedicated fleet and team of company drivers allows greater flexibility and responsiveness in meeting dynamic customer jobsite delivery expectations. We strive to achieve less than three-day lead-time on deliveries, and have the added benefit of redeploying fleet and driver assets to respond to short-term regional spikes in sales activity. For deliveries that are outside an economic delivery radius of our truck fleet, common carrier deliveries are tendered using a customized software platform to ensure that lowest delivered freight costs are achieved. In addition, in the United States and Canada, more than 12% of our pipe volume is sold on a pick-up or walk-in basis at our plant and yard locations, further leveraging our footprint and lowering freight cost per pound and per revenue dollar.

Our North American truck fleet incorporates approximately 1,200 trailers that are specially designed to haul our lightweight pipe and fittings products. These designs maximize payload versus conventional over the road trailers and facilitate unassisted unloading of our products at the jobsites by our drivers. The scope of fleet operations also includes backhaul of purchased raw materials providing a lower delivered cost to our plant locations.

We have expanded internationally primarily through joint ventures with local partners. This joint venture strategy has provided us with local and regional access to markets such as Brazil, Chile, Argentina, Mexico, Peru and Colombia. These international facilities produce pipe and related products to be sold in their respective regional markets. Combining a local partner's customer relationships, brand recognition and local management talent, with our world-class manufacturing and process expertise, broad product portfolio and innovation, creates a powerful platform and exciting opportunities for continued international expansion.

Table of Contents

OUR MANUFACTURING PROCESS

We manufacture our corrugated pipe products in 17 different diameters ranging from 2 to 60 using a continuous extrusion process, where molten polyethylene or polypropylene is pushed through a die into a moving series of corrugated U-shaped molds. Blown air and vacuum are used to form the corrugations of the pipe which is pulled through a corrugator and then cut to length. We utilize customized and proprietary production equipment, which we believe is faster and more cost efficient than other pipe making equipment generally available in the market.

Domestically, we operate approximately 121 pipe production lines that collectively are capable of producing more than one billion pounds of pipe annually on a standard five-day per week schedule. Additional capacity is in place to support seasonal production needs and growth in our N-12 pipe sales volume requiring minimal additional capital for molds. Our normal production capacity utilization as a percentage of total capacity was 70%, 68% and 64% for fiscal years 2016, 2015 and 2014, respectively. To produce our broad range of pipe sizes, we own and utilize approximately 350 mold and die setups, which had an original capital cost of approximately \$132 million, and most of which are moved between manufacturing plants. Our production equipment is built to accept transportable molds and die tooling over a certain range of sizes so each plant is not required to house the full range of tooling at any given time. This transportability provides us with the flexibility to optimize our capacity through centrally-coordinated production planning, which helps to adapt to shifting sales demand patterns while reducing the capital needed for tooling. With our large manufacturing footprint in place, we can support rapid seasonal growth in demand, focusing on customer service while minimizing transportation costs.

The standard fittings products (tees, wyes, elbows, etc.) that we produce and sell to connect our pipe on jobsites are blow molded or injection molded at four domestic plants. In addition, customized fabricated fittings (e.g., more complex dual wall pipe reducers, bends or structures) are produced in 20 of our North American plants. In addition to the extrusion of pipe, and blow molding and injection molding of fittings, we also use a variety of other processes in our manufacturing facilities. These processes include thermoforming, compression molding, and custom plastic welding and fabrication. The wide variety of production processes and expertise allow us to provide cost-effective finished goods at competitive prices delivered in a timely fashion to our customers.

Our manufacturing plants have no process-related by-products released into the atmosphere, waterways, or solid waste discharge. During pipe production start-ups and size change-overs, non-compliant scrap and any damaged finished goods pipe are recycled through a grinder for internal re-use.

We have two internal quality control laboratory facilities equipped and staffed to evaluate and confirm incoming raw material and finished goods quality in addition to the quality testing that is done at our manufacturing facilities. We conduct annual safety, product and process quality audits at each of our facilities, using centralized internal resources in combination with external third-party services. In the quality area, various national agencies such as National Transportation Product Evaluation Program (NTPEP), International Association of Plumbing and Mechanical Officials (IAPMO), Bureau de normalisation du Québec (BNQ), Intertek for Canadian Standards Association (CSA), Entidad Mexicana de Acreditacion A.C. (EMA) and NSF International and numerous state Departments of Transportation (DOT) (e.g., Illinois, Michigan) and municipal authorities (e.g., City of Columbus) conduct both scheduled and unscheduled inspections of our plants to verify product quality and compliance to applicable standards.

Core to our commitment and enablement of a safe and productive manufacturing environment are our operational and management training programs. Through our ADS Academy, we deliver targeted role-specific training to our operations team members through a blended curriculum of on-line and hands-on training experiences covering safety, quality, product knowledge and manufacturing process. Our learning management system, which hosts over 475 custom modules, serves as the foundation of our operational training programs and provides us with appropriate scale,

efficiency, and governance to support our growth. We have a strong commitment to the training of our manufacturing supervisors and managers in technical, management, and leadership subjects through intense role-based assimilation plans, e-learning and classroom-based development experiences.

OUR PRODUCTS

We design, manufacture and market a complete line of high performance thermoplastic corrugated pipe and related water management products for use in a wide range of end markets. Our product line includes: single, double and triple wall corrugated polypropylene and polyethylene pipe, or Pipe, and a variety of Allied Products including: storm retention/detention and septic chambers, or Chambers; PVC drainage structures, or Structures; fittings, or Fittings; and water quality filters and separators, or Water Quality. We also sell various complementary products distributed through resale agreements, including geotextile products and drainage grates and other, or Other Resale.

Table of Contents

An overview of our product offerings is provided below:

Product Offering	Description	Brands/Offerings	Images
Pipe (74%, 76% & 76% of Net Sales in Fiscal Years 2016, 2015 & 2014)			
	High density polyethylene and polypropylene pipe	Dual Wall Corrugated Pipe, HP Storm Pipe, SaniTite HP Pipe, Single Wall Corrugated Pipe, Triple Wall Corrugated Pipe, Smoothwall HDPE Pipe	
Allied Products (26%, 24% & 24% of Net Sales in Fiscal Years 2016, 2015 & 2014)			
Chambers	Underground chambers made from polypropylene or HDPE that can function as stormwater detention, retention, and/or first flush storage systems	StormTech, ARC (Septic Chambers), BioDiffuser (Septic Chambers)	
Structures	Drainage structures consisting of inline drains, drain basins, curb inlet structures, and drop-in grates in diameters ranging from 8" to 30"	Nyloplast, Inserta Tee	
Fittings	Standard and fabricated joining systems	Fittings	
Water Quality	Water quality structures and filters	BaySeparator, BayFilter, Water Quality Units, FleXstorm	
Other Resale	Complementary products providing services adjacent to core expertise	Geotextiles	

Pipe*Dual Wall Corrugated Pipe*

Our N-12 pipe is a dual wall HDPE pipe with a corrugated exterior for strength and a smooth interior wall for hydraulics and flow capacity. Our N-12 pipe competes in the storm sewer and drainage markets that are also served by concrete pipe.

Our N-12 pipe is available in 17 different diameters ranging from 2" to 60" and in sections ranging from 10' to 30' in length. N-12 provides joint integrity, with integral bell and spigot joints for fast push-together installation, and is sold

either with watertight or soil-tight coupling and fitting systems.

Our corrugated polyethylene pipe offers many benefits including ease of installation, job-site handling and resistance to corrosion and abrasion. Corrugated pipe can easily be cut or coupled together, providing precise laying lengths while minimizing installation waste and difficulty.

HP Storm Pipe and SaniTite HP Pipe

Our HP Storm pipe utilizes polypropylene resin, which provides (i) increased pipe stiffness relative to HDPE; (ii) higher Environmental Stress Crack Resistance (ESCR); and (iii) improved thermal properties, which improves joint performance. These improved physical characteristics result in a reduced need for select backfill, which creates installation savings for customers and expands the range of possible product applications.

Table of Contents

Our SaniTite HP pipe utilizes the same polypropylene resins as our HP Storm pipe but includes a smooth third exterior wall in 30 to 60 pipe. The highly engineered polypropylene resin along with the triple wall design enables SaniTite HP to surpass the 46 pounds per square inch (psi), stiffness requirement for sanitary sewer applications. SaniTite HP offers cost and performance advantages relative to reinforced concrete pipe (such as improved hydraulics and better joint integrity) and PVC pipe (such as impact resistance).

Single Wall Corrugated Pipe

Our single wall corrugated HDPE pipe is ideal for drainage projects where flexibility, light weight and low cost are important. Single wall HDPE pipe products have been used for decades in agricultural drainage, highway edge drains, septic systems and other construction applications. In the agricultural market, improved technology has highlighted the favorable impact of drainage on crop yields. For homeowners, it is an economical and easily-installed solution for downspout run-off, foundation drains, driveway culverts and general lawn drainage. Single wall pipe is also used for golf courses, parks and athletic fields to keep surfaces dry by channeling away excess underground moisture.

Standard single wall products are available in 2 to 24 diameters and sold in varying lengths. Pipe with 2 to 6 diameters is typically sold in coils ranging from 25 to over 3,000 in length, while larger diameter pipe is typically sold in 20 lengths. Pipe can be either perforated or non-perforated depending on the particular drainage application.

Triple Wall Corrugated Pipe and Smoothwall HDPE Pipe

Our ADS-3000 Triple Wall pipe, small diameter triple wall corrugated pipe, consists of a corrugated polyethylene core molded between a smooth white outer wall and a smooth black inner wall. This combination of the three wall design adds strength and stiffness, while reducing weight as compared to PVC 2729. Triple Wall is produced in two sizes, 3 and 4 , and sold through our distribution network.

We also manufacture smoothwall HDPE pipe in 3 , 4 , and 6 diameters that are sold into the residential drainage and on-site septic systems markets.

Allied Products

We produce a range of additional water management products that are complementary to our pipe products (Allied Products). Our Allied Products offer adjacent technologies to our core pipe offering, presenting a complete drainage solution for our clients and customers. This combination of pipe and Allied Products is a key strategy in our sales growth, profitability and market share penetration. The practice of selling a drainage system is attractive to both distributors and end users, by providing a broad package of products that can be sold on individual projects, and strengthens our competitive advantage in the marketplace. We aggressively seek and evaluate new products, technologies and regulatory changes that impact our customers needs for Allied Products.

Using the strength of our overall sales and distribution platform, our Allied Product strategy allows us to more deeply penetrate our end markets and anticipate the evolving needs of our customers. The underground construction industry has historically been project (not product) driven, creating the impetus for owners, engineers and contractors to seek manufacturers that deliver solution-based product portfolios. Many of the components of underground construction are related and require linear compatibility of function, regulatory approval and technology.

Storm and Septic Chambers

Our StormTech chambers are used for stormwater retention, detention and first flush underground water storage on non-residential site development and public projects. These highly engineered chambers are injection molded from high density polyethylene and polypropylene resins into a proprietary design which provides strength, durability, and resistance to corrosion. The chambers allow for the efficient storage of stormwater volume, reducing the underground construction footprint and costs to the contractors, developers, and property owners. Our StormTech chambers offer great flexibility in design and layout of underground water storage systems. They are an attractive alternative to open ponds by reducing ongoing maintenance and liability and providing more useable land for development. Stormwater runoff is collected and stored in rows of chambers and gradually reenters the water system base, reducing erosion and protecting waterways. The chambers are open bottom, which allows for high density stacking in both storage and shipment. This freight-efficient feature drives favorable cost-competitiveness in serving long-distance export markets. These chamber systems typically incorporate our other product lines such as corrugated pipe, fabricated fittings, water quality units and geotextiles.

Table of Contents

Our ARC and BioDiffuser products are chambers that are used in on-site septic systems for residential and small volume non-residential wastewater treatment and disposal. Rural homes and communities that do not have access to central sewer lines require an on-site septic solution. Our ARC and BioDiffuser chamber products are installed and perform their septic treatment function without gravel, reducing costs to the contractor and homeowner over traditional pipe and stone systems. States and municipalities have different sizing criteria for on-site septic treatment systems based on soil and site conditions. The innovative design of our ARC chamber is generally approved for a footprint reduction, further reducing the cost of the septic system. Injection-molded from high density polyethylene, these products are strong, durable, and chemical-resistant. These interconnecting chambers are favored by septic contractors because they are lightweight, easy to install and offer articulating features which increase site-specific design flexibility.

Structures

Our Nyloplast PVC drainage structures are used in non-residential, residential and municipal site development, road and highway construction, as well as landscaping, recreational, industrial and mechanical applications. The product family includes inline drains, drain basins, curb inlets and water control structures which move surface-collected stormwater vertically down to pipe conveyance systems. These custom structures are fabricated from sections of PVC pipe using a thermo-forming process to achieve exact site-specific hydraulic design requirements. Our Nyloplast products are a preferred alternative to heavier and larger concrete structures, by offering greater design flexibility and improved ease of installation which reduces overall project costs and timelines. The structures incorporate rubber gaskets to ensure watertight connections, preventing soil infiltration which plagues competitive products.

Our Inserta Tee product line consists of a PVC hub, rubber sleeve and stainless steel band. Inserta Tee is compression fit into the cored wall of a mainline pipe and can be used with all pipe material types and profiles. This product offers an easy tap-in to existing sanitary and storm sewers by limiting the excavation needed for installation compared to competitive products.

Fittings

We produce fittings and couplings utilizing blow molding, injection molding and custom fabrication on our pipe products. Our innovative coupling and fitting products are highly complementary to our broader product suite, and include both soil-tight and water-tight capabilities across the full pipe diameter spectrum. Our fittings are sold in all end markets where we sell our current pipe products.

Water Quality

Our BaySaver product line targets the removal of sediment, debris, oils and suspended solids throughout a stormwater rain event by separating and/or filtering unwanted pollutants. Our BaySeparators can be fabricated into multiple sizing combinations to fit a variety of applications and customer requirements. These products assist owners, developers and design engineers in remaining compliant with discharge requirements set forth by the Environmental Protection Agency (EPA) as well as state and local regulatory agencies. Our BaySaver product line coupled with our pipe, StormTech chambers, fabricated fittings, Nyloplast structures, FleXstorm inlet protection systems and geotextiles make up a comprehensive stormwater management solution.

Construction Fabrics & Geotextiles

We purchase and distribute construction fabrics and other geosynthetic products for soil stabilization, reinforcement, filtration, separation, erosion control, and sub-surface drainage. Constructed of woven and non-woven polypropylene,

geotextile products provide permanent, cost-efficient site-development solutions. Construction fabrics and geotextiles have applications in all of our end markets.

RAW MATERIALS

Virgin high density polyethylene (HDPE) and polypropylene (PP) resins are derivatives of ethylene and propylene, respectively. Ethylene and propylene are derived from natural gas liquids or crude oil derivatives in the U.S. We currently purchase in excess of 850 million pounds of virgin and recycled resin annually from over 450 suppliers in North America. As a high-volume buyer of resin, we are able to achieve economies of scale to negotiate favorable terms and pricing. Our purchasing strategies differ based on the material (virgin resin v. recycled material) ordered for delivery to our production locations. The price movements of the different materials also vary, resulting in the need to use a number of strategies to reduce volatility and successfully pass on cost increases to our customer through timely selling price increases when needed.

Table of Contents

In 2008 we began to further augment our raw material blending and processing technologies to produce an HDPE pipe that incorporates recycled resin. This product, which meets an ASTM International (ASTM) standard, replaces a majority of the virgin resin that is used in the American Association of State Highway and Transportation Officials (AASHTO) product with recycled materials. To further develop our recycled material strategies, we established Green Line Polymers, Inc. (GLP), as our wholly-owned recycling subsidiary in 2012. GLP procures and processes recycled raw materials that can be used in products we produce and sell. Our first production facilities were established in Ohio and Georgia and are focused on processing post-industrial HDPE recycled materials. Based on the success of this strategy, we expanded our efforts toward post-consumer material processing by acquiring the business of a vendor who was supplying clean, post-consumer recycled HDPE to our upper Midwest plants and established a second post-consumer processing plant, in Pennsylvania, to support our plants in Ohio, Michigan and the eastern and southern United States. In fiscal year 2016, 84% of our non-virgin HDPE raw material needs were internally processed (enhanced) through our GLP operations.

We believe that we are well positioned for future growth as we add additional recycled material processing facilities, add capacity to existing facilities, and expand our supplier base for virgin resin. We anticipate continued growth in the availability of ethylene and propylene which are used to manufacture high density polyethylene and polypropylene, respectively.

We have managed a formal resin price risk management program since early in 2010 that entails both physical fixed price and volume contracts along with financial hedges which are designed to apply to a portion of our annual virgin resin purchases. In conjunction with our resin price risk management program, we also maintain supply agreements with our major resin suppliers that provide multi-year terms and volumes that are in excess of our projected consumption. For our polypropylene virgin resin price exposure, we utilize financial hedges of propylene as a proxy for polypropylene. Historically, there has been high correlation in month to month change in market-based pricing between propylene and polypropylene.

We also began a diesel hedging program in 2008 which is executed through several financial swaps covering future months demand for diesel fuel and are designed to decrease our exposure to changing fuel costs. These hedges cover a significant portion of the diesel fuel consumed by the truck fleet that we operate to deliver products to our customers. Our objective is to hedge approximately 50% of our fuel consumption over the next 12 months.

SUPPLIERS

We have developed relationships with all of the North American producers of virgin high density polyethylene and impact copolymer polypropylene producers that produce the grades we need to produce our products, including Braskem Americas, Inc., Chevron Phillips Chemical Co. LP, The Dow Chemical Company, Equistar Chemicals, LP, ExxonMobil Chemical Company, Formosa Plastics Corporation, U.S.A., Ineos Olefins & Polyolefins, USA, Sasol USA, and Phillips 66 Company.

We also maintain relationships with several of the largest environmental companies such as Waste Management, Inc., Republic Services, Inc., and Rumpke, Inc., which provide us with post-consumer HDPE recycled materials. We also maintain relationships with several key post-industrial HDPE suppliers, including E.I. du Pont de Nemours and Company, Silgan Plastics, Consolidated Container Company and Alpla, Inc. which provide us with materials that cannot otherwise be utilized in their respective production processes.

The North American capacity for ethylene derivatives is being expanded primarily as a result of the new supplies of natural gas liquids being produced through sustained oil and gas exploration and production. This low-cost stream of feedstocks (ethane and propane) has positioned several companies such as Lyondell Basell, ExxonMobil Chemical

Company, Chevron Phillips Chemical Co. LP and The Dow Chemical Company to execute plans to expand ethylene or propylene capacity. We anticipate that the previously announced projects for ethylene derivative capacity associated with HDPE will begin coming on stream during 2016, extending through 2018. The polypropylene capacity expansion projects to utilize the increased supply of propylene are projected to begin coming on-stream in 2018.

CUSTOMERS

We have a large, active customer base of approximately 20,000 customers, with two customers representing 10% or more of fiscal year 2016 net sales. Ferguson accounted for 11.1% and HD Supply accounted for 10.0% of fiscal year 2016 net sales. Our customer base is diversified across the range of end markets that we serve.

Table of Contents

A majority of our sales are made through distributors, including many of the largest national and independent waterworks distributors, with whom we have long-standing distribution relationships. These include Ferguson, HD Supply and WinWholesale, who sell primarily to the storm sewer and sanitary sewer markets. We also utilize a network of hundreds of small to medium-sized independent distributors across the United States. We have strong relationships with major national retailers that carry drainage products, including The Home Depot, Lowes, Ace Hardware, Carter Lumber and Do it Best. We offer the most complete line of HDPE products in the industry and are the only national manufacturer that can service the Big-Box retailers from coast-to-coast. We also sell to buying groups and co-ops in the United States that serve the plumbing, hardware, irrigation and landscaping markets. Selling to buying groups and co-ops provides us a further presence on a national, regional and local basis for the distribution of our products. Our preferred vendor status with these groups allows us to reach thousands of locations in an effective manner. Members of these groups and co-ops generally are independent businesses with strong relationships and brand recognition with smaller contractors and homeowners in their local markets. The combination of our large sales force, long-standing retail and contractor customer relationships and extensive network of manufacturing and distribution facilities complements and strengthens our broad customer and market coverage.

An important element of our growth strategy has been our focus on industry education efforts to drive regulatory approvals for our core HDPE products at national, state and local levels. We employ a team of approximately 50 field-based engineers who work closely with government agencies to obtain regulatory approvals for our products, and also with civil engineering firms to specify our products on non-residential construction and road-building projects. We consistently maintain an active dialogue with customers, civil engineers and municipal authorities, continuously educating them on new product innovations and their advantages relative to traditional products. With the introduction of our HP storm and sanitary pipe, we have refocused our efforts calling on state departments of transportation to enhance their approval of our pipe products. Additional state and local regulatory approvals will continue to present new growth opportunities in new and existing geographic markets for us.

Our customer service organization of more than 120 employees is supplemented by the employees of our 61 manufacturing plants, 31 distribution centers and drivers of our approximately 675 tractor-trailers. In conjunction with our field sales and engineering team, this highly-trained and competent staff allows us to maintain more customer touch points and interaction than any of our competitors.

We staff and operate four regional customer service call centers located in three time zones where orders are processed. With some of our larger customers, we process orders electronically via electronic data interchange (EDI). Additionally, we send advance shipment notifications and invoices electronically to these customers. These capabilities strengthen the supply chain integration with large customers such as The Home Depot, Lowes, Ferguson and HD Supply. New orders are entered into our Oracle system, assigned to our closest manufacturing plant or distribution center in that geography, and then consolidated to optimize freight efficiency, payload and lead-time performance to meet customer requirements.

SALES AND MARKETING

We believe we have the largest and most experienced sales and engineering force in the industry, with approximately 350 sales and engineering professionals. Offering the broadest product line in the industry enables our sales force to source the greatest number of new opportunities and more effectively cross-sell products than any of our competitors. We consistently maintain thousands of touch-points with customers, civil engineers and municipal authorities, continuously educating them on new product innovations and their advantages relative to traditional products. We believe we are the industry leader in these efforts and we view this work as an important part of our marketing strategy, particularly in promoting N-12 and SaniTite HP for storm and sanitary sewer systems, as regulatory approvals are essential to the specification and acceptance of these product lines.

Our sales and marketing strategy is divided into four components – comprehensive market coverage, diverse product offerings, readily-available local inventory and specification efforts. Our goal is to provide the distributor/owner with the most complete, readily-available product line in our industry. We strive to use our manufacturing footprint, product portfolio and market expertise to efficiently service our customers.

Our sales and engineering objective is to influence, track and quote all selling opportunities as early in the project life cycle as possible. Conceptual project visibility allows sales and engineering professionals the ability to influence design specifications and increase the probability of inclusion of our products in bid documents. We strive to be meaningfully involved in all phases of the project cycle, including design, bidding, award and installation. In addition to direct channel customers, we also maintain and develop relationships with federal agencies, municipal agencies, national standard regulators, private consulting engineers and architects. Our consistent interaction with these market participants enables us to continue our market penetration. This ongoing dialogue has positioned us as an industry resource for design guidance and product development and as a respected expert in water management solutions.

Table of Contents

SEASONALITY

Historically, sales of our products have been higher in the first and second quarters of each fiscal year due to favorable weather and longer daylight conditions accelerating construction activity during these periods. Seasonal variations in operating results may also be impacted by inclement weather conditions, such as cold or wet weather, which can delay projects.

In the non-residential, residential and infrastructure markets in the northern United States and Canada, construction activity typically begins to increase in late March and is slower in December, January and February. In the southern and western United States, Mexico, Central America and South America, the construction markets are less seasonal. The agricultural drainage market is concentrated in the early spring just prior to planting and in the fall just after crops are harvested prior to freezing of the ground in winter.

PRACTICES RELATED TO WORKING CAPITAL ITEMS

Information about the Company's working capital practices is incorporated herein by reference to Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations Results of Operations Working Capital and Cash Flows of this Form 10-K/A.

COMPETITION

We operate in a highly fragmented industry and hold leading positions in multiple market sectors. Competition, including our competitors and specific competitive factors, varies for each market sector.

We believe the principal competitive factors for our market sectors include local selling coverage, product availability, breadth and cost of products, technical knowledge and expertise, customer and supplier relationships, reliability and accuracy of service, effective use of technology, delivery capabilities and timeliness, pricing of products, and the provision of credit. We believe that our competitive strengths and strategy allow us to compete effectively in our market sectors.

The stormwater drainage industry, in particular, is highly fragmented with many smaller specialty and regional competitors providing a variety of product technologies and solutions. We compete against concrete pipe, corrugated steel pipe and PVC pipe producers on a national, regional and local basis. In addition, there are several HDPE pipe producers in the United States.

In the United States, our primary competitors are concrete pipe producers, including Cemex, Hanson and Oldcastle CRH Precast, as well as smaller, regional competitors. In the corrugated steel pipe sector, our primary national competitor is Contech Engineered Solutions, and we compete with Lane Enterprises, Pacific Corrugated and Southeast Culvert on a regional level, as well as other smaller competitors. In the PVC pipe sector, we compete primarily with JM Eagle, Diamond Plastics and North American Pipe. We believe we are the only corrugated HDPE pipe producer with a national footprint, and our competitors operate primarily on a regional and local level. In the corrugated HDPE pipe sector in the United States, our primary competitors on a regional basis are JM Eagle, Lane Enterprises and Prinsco.

The superior attributes of HDPE and PP and ongoing product innovation have allowed thermoplastic pipe manufacturers generally, and us in particular, to capture market share across all end market categories. This substitution trend is expected to continue as more states and municipalities recognize the benefits of our HDPE N-12 pipe and our polypropylene HP pipe by approving it for use in a broader range of applications.

INTELLECTUAL PROPERTY

Intellectual property is an important aspect of our business. We rely upon a combination of patents, trademarks, trade names, licensing arrangements, trade secrets, know-how and proprietary technology in order to secure and protect our intellectual property rights, both in the United States and in foreign countries.

We seek to protect our new technologies with patents and trademarks and defend against patent infringement allegations. We hold a significant amount of intellectual property rights pertaining to product patents, process patents and trademarks. We continually seek to expand and improve our existing product offerings through product development and acquisitions. Although our intellectual property is important to our business operations and in the aggregate constitutes a valuable asset, we do not believe that any single patent, trademark or trade secret is critical to the success of our business as a whole. We cannot be certain that our patent applications will be issued or that any issued patents will provide us with any competitive advantages or will not be challenged by third parties.

Table of Contents

In addition to