



DUFF & PHELPS

A VIRTUS INVESTMENT PARTNER

Water Strategy

June 30, 2024

*Portfolio
Managers:*

David Grumhaus

*Chief Investment Officer
Portfolio Manager*

Nick Holmes, CFA

*Portfolio Manager
Senior Research Analyst*

A high-speed photograph of water being poured, creating a dynamic splash with many bubbles and droplets. The water is clear and the background is a soft, light grey.

Agenda

Firm Overview
Water Strategy
Appendix

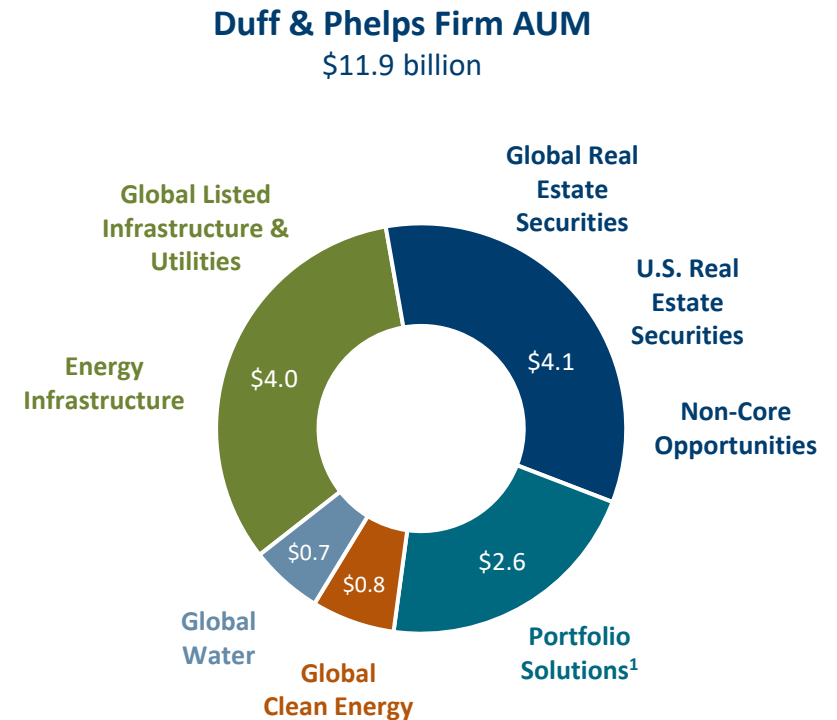
Duff & Phelps Investment Management Co., Stone Harbor Investment Partners (UK), LLP, Virtus Global Partners Pte. Ltd., Virtus Investment Partners International Ltd., and VP Distributors, LLC are indirect subsidiaries of Virtus Investment Partners, Inc.

Firm Overview





- Specialists in listed real assets
- Industry-recognized investment professionals
- Investment boutique with resources of \$170B parent company
- Diversified, global client base
- Track record of success





As of June 30, 2024.

¹Includes customized portfolio solutions, fixed income and other strategies designed for institutional clients and other clients.

Investment strategy overview



	 Real Estate	 Infrastructure	 Clean Energy	 Water	 Portfolio Solutions/ Multi-Strategy
Portfolio Benefits	<ul style="list-style-type: none"> • Income • Diversification • Inflation protection 	<ul style="list-style-type: none"> • Income • Downside protection • Inflation protection 	<ul style="list-style-type: none"> • Secular growth • Sustainability • Capital appreciation 	<ul style="list-style-type: none"> • Secular growth • Sustainability • Capital appreciation 	Customized to meet client objectives
Investment Universe	Global across 16 property sectors	Global across 4 sectors	Global across 3 key categories	Global across 3 key categories	Customized exposures
Strategy Inception	U.S. REIT – 1995 Global RE – 2009 Non-Core Opportunities – 2023	Gl. Listed Infra. – 2004 Energy Infra. – 2012	Clean Energy – 2020 ¹ <i>Investing in CE since 2004</i>	Water – 2022 ¹ <i>Investing in Water since 2004</i>	Portfolio Solutions – 1990 Diversified Real Asset – 2020
Highlights	<ul style="list-style-type: none"> • Portfolio managers have worked together since 2005 • Proprietary valuation tool - determines intrinsic value, mitigates risk • Team structure enables us to capitalize on alpha opportunities 	<ul style="list-style-type: none"> • 90+ year legacy in real assets informs approach • Focus on essential services and regulatory environment • Holdings range is optimal balance of diversification and conviction 	<ul style="list-style-type: none"> • Remarkable vantage point sitting at the intersection of clean energy technology providers and users • Rigorous qualification framework prevents strategy drift • More dynamic and results orientated than static index 	<ul style="list-style-type: none"> • Focused on supply, quality and efficiency of global water resources • Veteran water team dedicated to the asset class • Rigorous investment framework ensures pure-play water exposure 	<ul style="list-style-type: none"> • Consultative approach is part of firm's heritage • Multi-strategy capability invests dynamically across real assets sectors • Bespoke completion strategies designed to complement other investments

¹Duff & Phelps has been investing in clean energy and water since the launch of our global listed infrastructure strategy in 2004.

There is no guarantee that any investment strategy, or investment product, will work under all market conditions or is suitable for all investors.



David Grumhaus, Jr.
Portfolio Manager
President & Chief Investment Officer (31)



Nick Holmes, CFA
Senior Portfolio Manager &
Senior Analyst (14)

Research Analysts



Christopher Safroniy, CFA
Global Research Analyst (7)



Benjamin Bielawski, CFA
Senior Analyst
International Utilities (29)



Rodney Clayton, CFA
Senior Analyst
Engineering & Construction (20)



Eric Fogarty, CFA
Senior Analyst
U.K. Utilities (26)

21 avg. yrs. investment exp.

Investment Support



Frank Spindler, CFA
Client Portfolio Manager (20)



Carly Miller
Portfolio Sustainability (12)



Kathleen Hegyi
Chief Compliance Officer (35)



Tim Fitzgerald
Head of Trading (43)



Allen Meder, CFA, CPA
Chief Risk Officer (41)

32 avg. yrs. investment exp.

Water Strategy

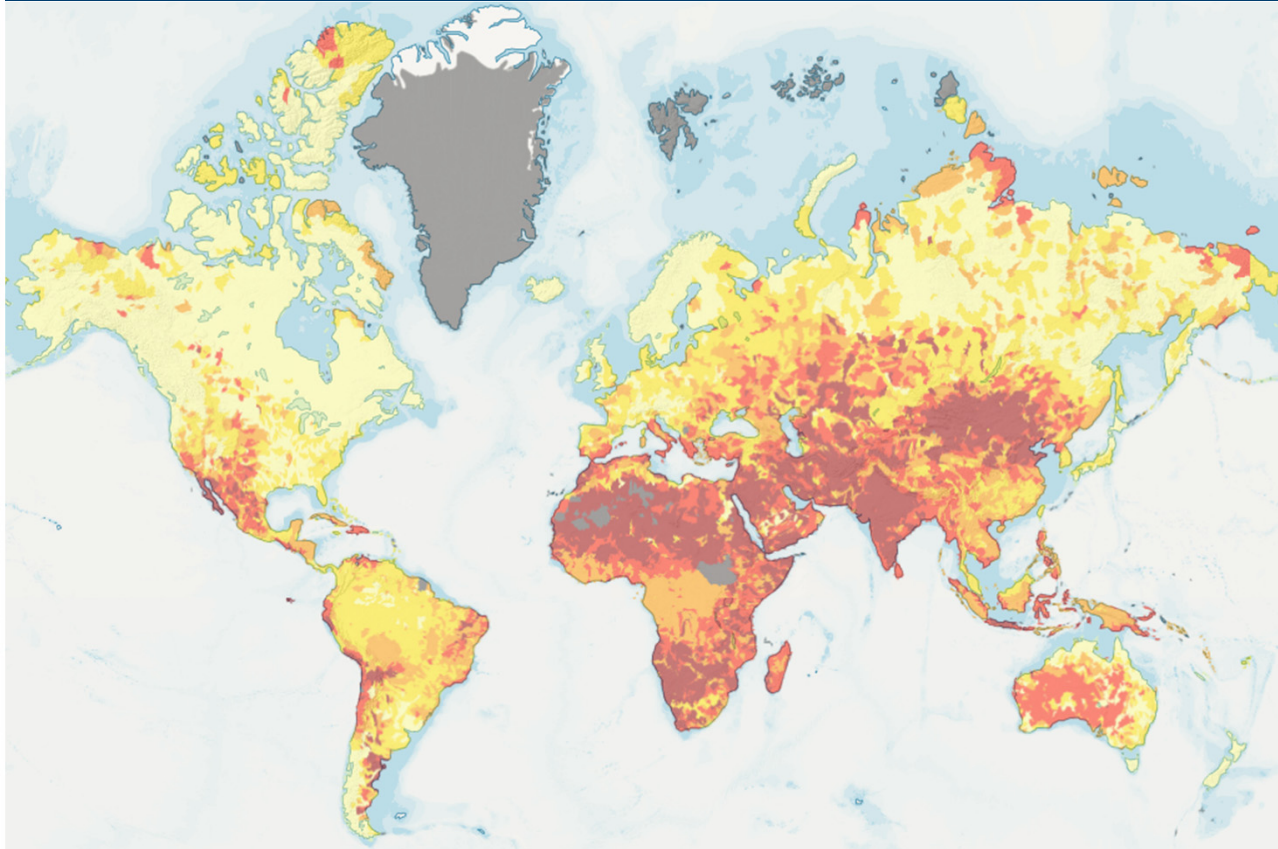


The global water crisis

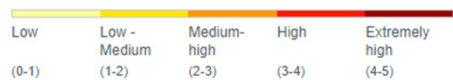


Intensifying water risks call for change

Widespread global water stress



Overall Water Risk



■ No data

Water challenges

40%

gap between global water supply and demand by 2030¹

80%

of wastewater is untreated globally¹

2/3rd

of businesses face substantial risk from water stresses²

The global water crisis



Demand outstripping supply due to key megatrends including population growth, urbanization, and industrialization

Current

69%

of all water consumption is used for **agriculture**

Expected in 2050



Food demand to increase by **60%**

19%

of all water is used for **industrial** purposes



Global water demand for manufacturing to increase by **400%**

12%

of all water is used for **domestic** purposes



Urban water demand to expand by **80%**

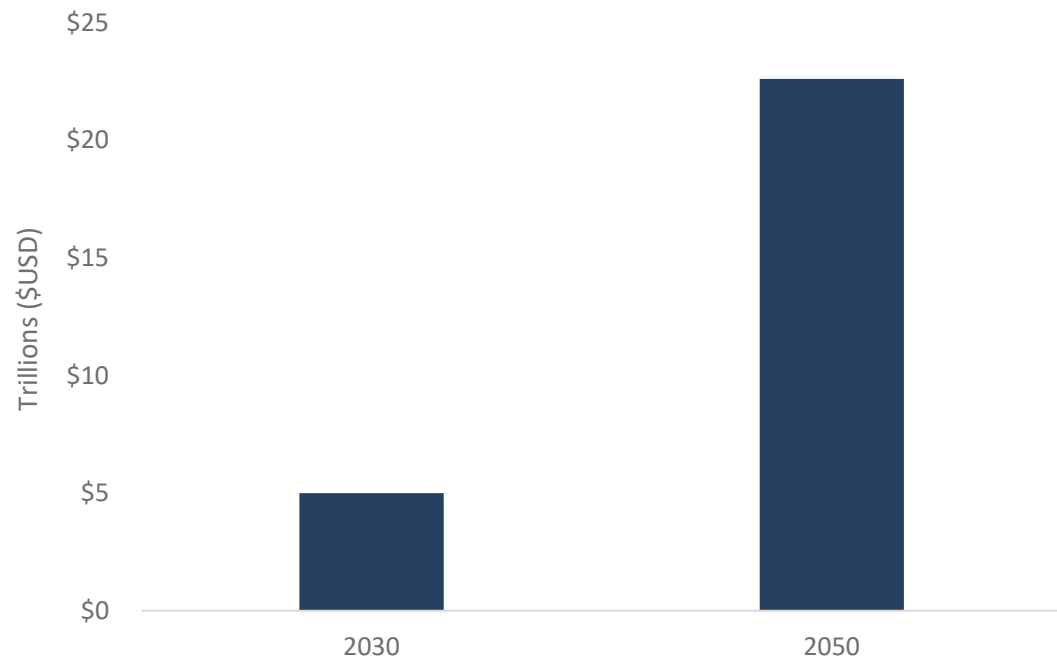


Trillions of dollars of investment needed to improve water sustainability

Investment in infrastructure and technologies drives secular earnings growth

- Global infrastructure investment improving connectivity, water quality, and wastewater treatment
- Technology investments enhancing water supply, ensuring water quality, and advancing water efficiency
- Catalysts provide tailwinds for investment in coming years and decades

Substantial investment needed in water infrastructure & technologies to meet global water goals



Catalysts			
Resiliency Investment	Government funding & regulation	Corporate sustainability	Technology innovation & adoption



1) Water Supply

- Engineering, design and resource management
- Pumping stations and pipelines
- Smart meters and leak detection
- Water reuse systems
- Desalination equipment



2) Water Quality

- Monitoring and testing
- Filtration and treatment technology
- Disinfection chemicals
- Wastewater management and resource recovery
- Emerging contaminant detection and remediation



3) Water Efficiency

- Advanced irrigation equipment and technology
- Remote monitoring and automation controls
- Water-as-a-service
- Residential and commercial systems
- Circular economy

The D&P Water Strategy supports UN sustainable development goals



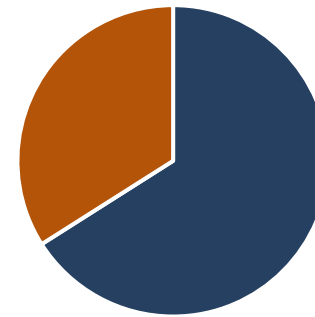


Infrastructure improvements, digital technologies, and alternative sources of water increasing supply

Pervasive water scarcity driving investment in supply solutions

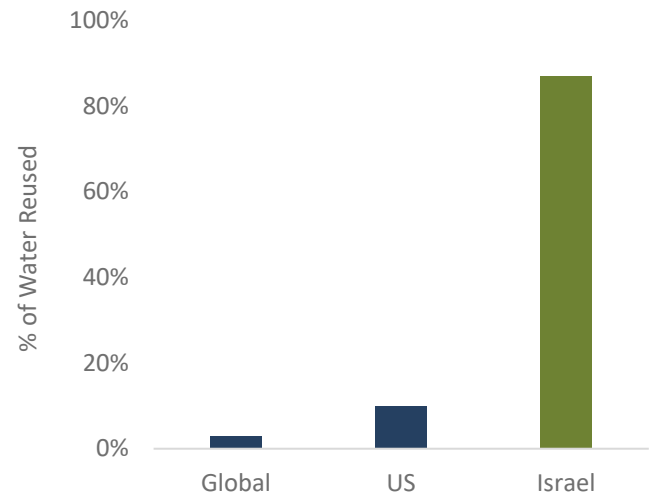
- Developed markets direct 70% of budgets toward break-and-fix projects to upgrade over-aged pipes and facilities, while emerging markets build out new infrastructure
- Digital water technologies detect, communicate, and reduce water loss through the deployment of smart meters, remote control centers, and predictive analytics
- Advances in water filtration, treatment, and energy recovery enabling increased adoption of alternative sources of water, such as reuse and desalination

Digital water technologies reduce water loss

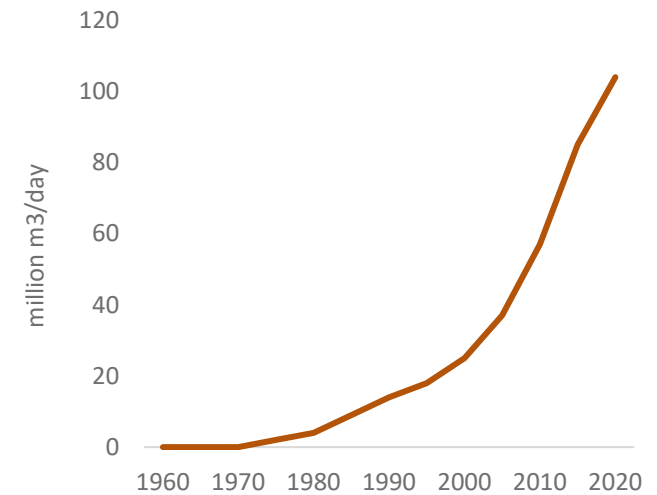


■ Water Delivered ■ Water Lost

Israel, a leader in reuse, an example for increased global adoption



Desalination cost declines driving capacity growth



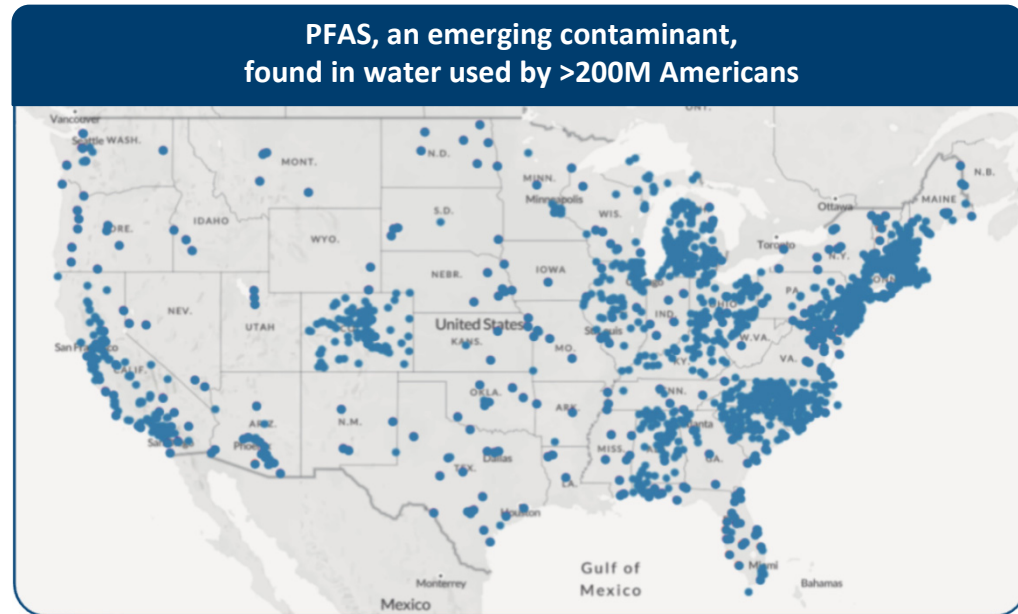
Water quality



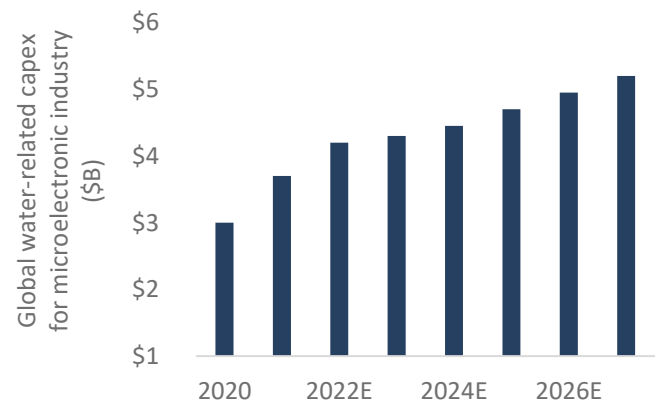
Treatment and testing improving health, environment, and economic development

Regulation, industrialization, and environmental considerations driving water quality investments

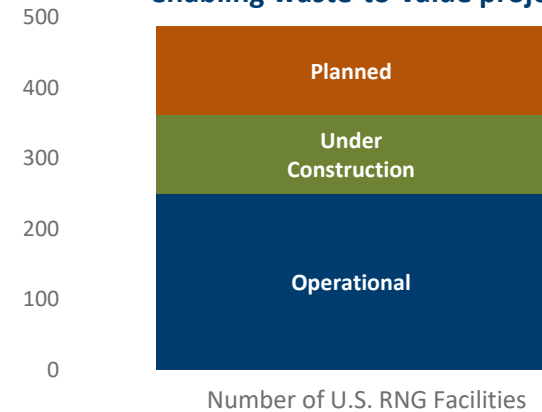
- Emerging contaminants (i.e. PFAS), spread of diseases, and toxic discharge increasing adoption of water treatment and testing technologies
- Demand rising for ultra-pure and designer water (made to exact specifications) from advanced manufacturing (i.e. semiconductors), health care and food & beverage sectors
- Improved infrastructure and technologies reducing pollution and advancing circular economy in waste management



Growth in semiconductors driving demand for ultra-pure water



Treatment technologies enabling waste-to-value projects





Technology and process innovations reducing water demand across all end users

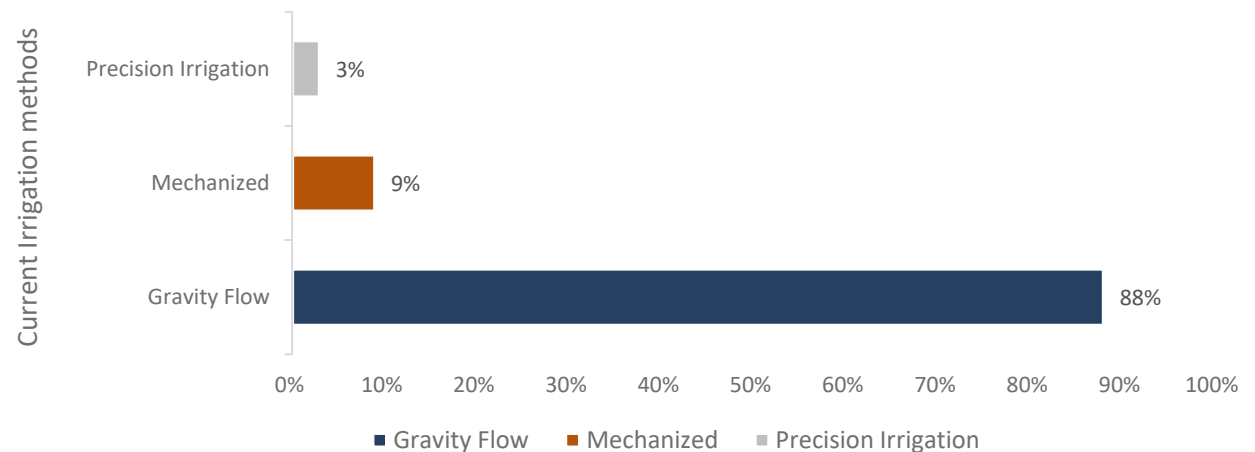
Increased demand for resilient and sustainable water solutions driving efficiency investments

- Agriculture sector (~70% of demand) adopting advanced irrigation equipment and digital technologies to lessen water use and increase crop yields
- Industrial sector (~20% of demand) investing in water technologies to reduce water footprint, improve operational resiliency, and advance sustainability initiatives
- Residential and commercial sectors (~10% of demand) implementing treatment and digitally-connected equipment to improve health and safety and minimize water usage

Leaders in sustainability increasingly establishing water sustainability initiatives



More advanced irrigation systems will reduce water use





**Water
Supply**



Solution: Digital Infrastructure

Leading provider of digital network technologies to water utilities, featuring leak detection, remote monitoring, and advanced analytics



**Water
Quality**



Solution: Emerging Contaminants

High-end consulting and engineering services firm, ranked #1 in water and environmental management by *Engineering News-Record*



**Water
Efficiency**



Solution: Advanced Irrigation

Leader in advanced irrigation equipment and remote management technology



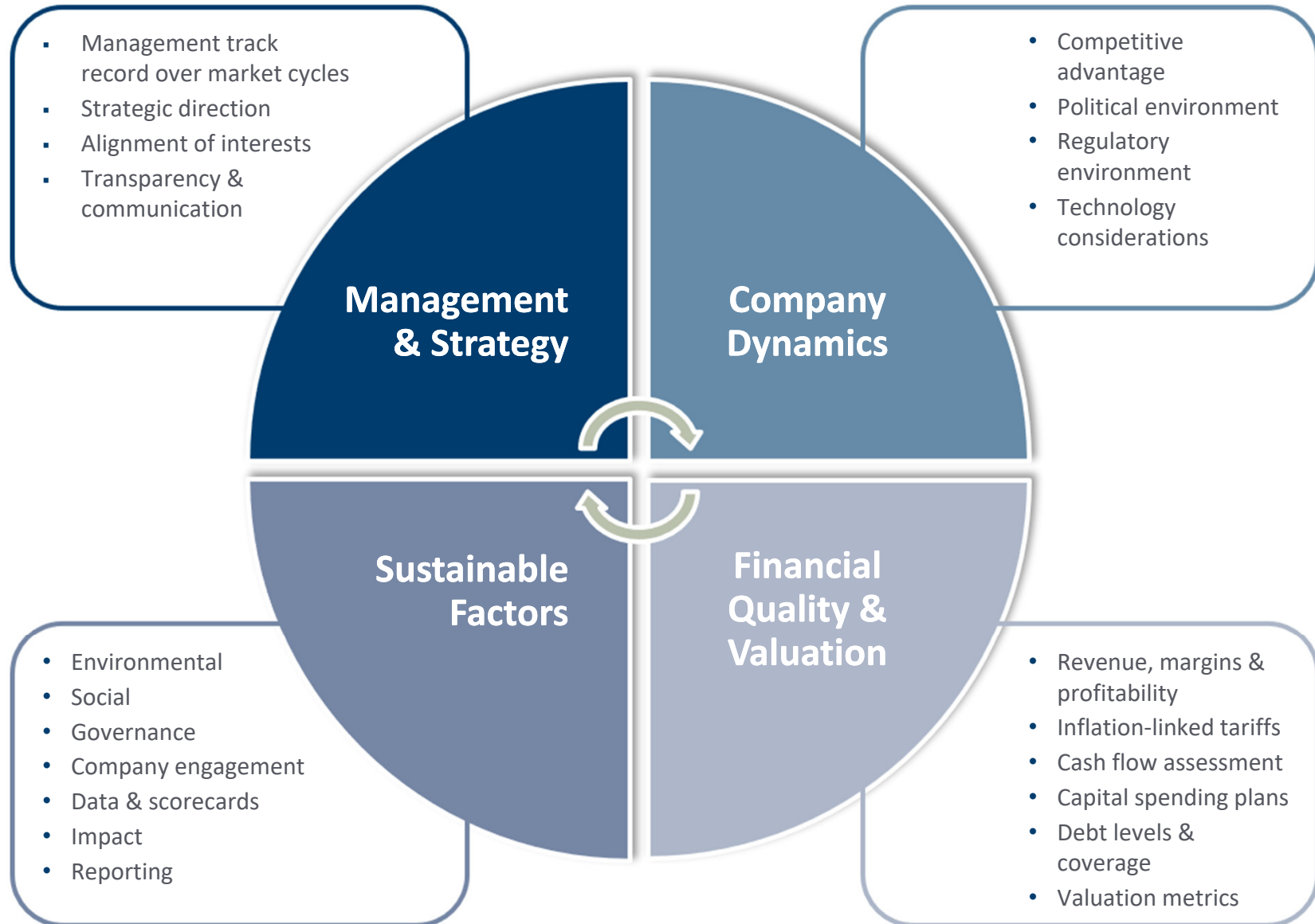
- Screen for companies with solutions across Water Supply, Water Efficiency, and Water Quality
- Use the UN Sustainable Development Goals framework to align the universe
- Sector and region agnostic
- Universe is continuously reviewed by the D&P team with an active knowledge of the water space

- Filter the investable universe on the basis of:
 1. **Degree of Exposure** (company's exposure to Water end-markets)
 2. **Degree of Alignment** (assess Water-related impact of the product/service)
 3. **Degree of Advantage** (management quality and company strategic advantages)

- Bottom-up research at all levels of the water chain
- Stock selection based on high conviction and relative valuation
- Top-down considerations
- ESG risk review
- Water purity integration

Duff & Phelps Water Strategy

- Effective alignment of the Water philosophy with long-term value creation
- Target outperformance of the broader global equity market over the cycle and across the peer group

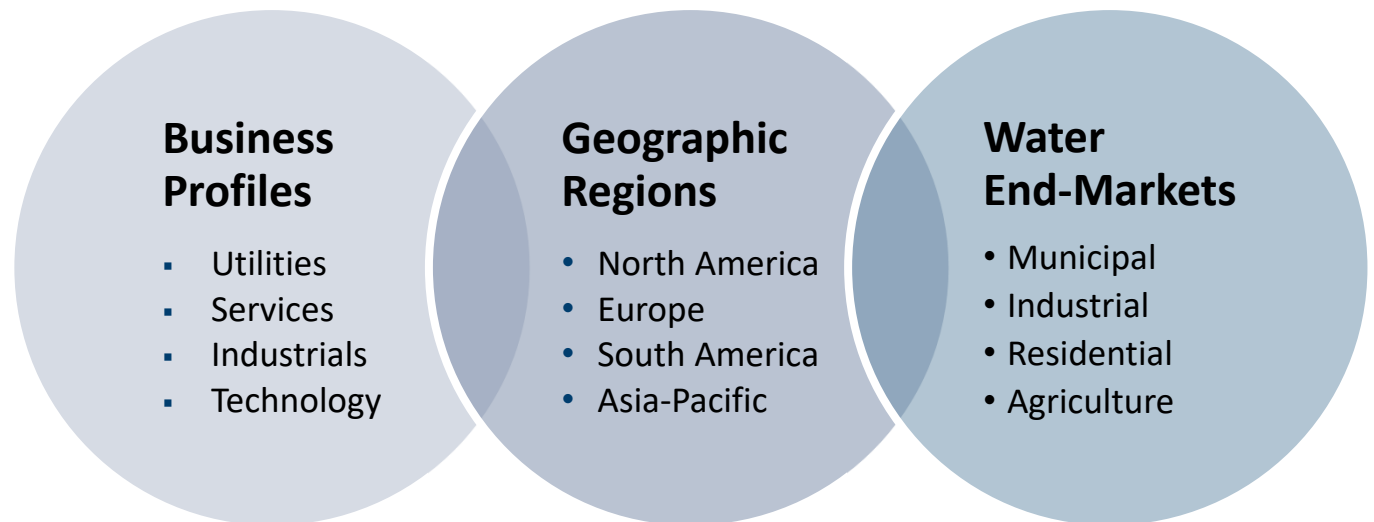




Our analysis uncovers trends across water sectors, geographies and markets

- Strategy favors market leaders, or those taking market share, in improving water supply, quality, and efficiency
- Top-down perspective supports tactical decisions to optimize portfolio given water fundamentals, economic environment, and market backdrop
- Sector provides attractive universe with diverse business profiles, geographic regions, and end-markets

Multi-factor evaluation contributes to positioning



Water Strategy: Composite performance



As of June 30, 2024

Annualized Performance (%)	QTD	YTD	1 Year	Since Inception
Duff & Phelps Water Strategy (Gross)	-1.2	6.7	11.9	12.9
Duff & Phelps Water Strategy (Net)	-1.4	6.3	11.0	11.9
S&P Global Water Index (Net)	0.4	5.0	9.4	12.6

Composite inception is 8/31/2022. Past performance is not indicative of future results. Returns are expressed in U.S. dollars and include the reinvestment of dividends and other earnings. Periods over one year are annualized. Indices are not available for direct investment and index returns do not reflect the deduction of any fees. Gross composite returns are net of trading costs but do not reflect the deduction of investment advisory fees, custodial charges, or other expenses. Net composite returns are calculated by subtracting the highest separate account investment management fee (including performance fees, if applicable) in effect for the period. Please see also the GIPS Composite Report at the end of this presentation.

Appendix



Biographies



David Grumhaus, Jr.
President and
Chief Investment Officer

David Grumhaus is the president and chief investment officer of Duff & Phelps Investment Management Co. He is responsible for setting and executing the firm’s strategic initiatives, overseeing the investment strategies, and leading the Executive Committee. In addition, Mr. Grumhaus is a senior portfolio manager on the firm’s energy infrastructure strategies. He joined Duff & Phelps in 2014 and began his career in the investment industry in 1993.

Previously, Mr. Grumhaus served as a partner and portfolio manager at Copia Capital, an energy and utility-focused hedge fund. He previously served as an investment banker with both William Blair & Company and Goldman Sachs.

Mr. Grumhaus holds an M.B.A. from Harvard Business School where he was a George F. Baker Scholar and a B.A. in history cum laude from Princeton University. He is a member of the Investment Committee at the Ann and Robert H. Lurie Children's Hospital of Chicago and serves as a board member of the Beyond Sports Foundation.



Nick Holmes, CFA
Portfolio Manager,
Senior Research Analyst

Nicholas Holmes is a portfolio manager and senior research analyst for the Duff & Phelps Water Strategy. His research focuses on supply, quality, and efficiency in the water sector. He joined Duff & Phelps in 2023, began his investment career in 2010 and has been actively following the water sector since 2015.

Previously, he was a portfolio manager at TortoiseEcofin, where he managed a sustainable global water strategy and was the lead analyst on water-specific private placement transactions in the energy sector.

Mr. Holmes holds a B.A. in political science from Yale University and an M.B.A. from the University of Kansas. In addition, he is a CFA charterholder.



Christopher Safroniy, CFA
Global Research Analyst

Chris Safroniy provides equity research for the Duff & Phelps Water Strategy. He joined Duff & Phelps in 2024 and began his career in the investment industry in 2017.

Previously, Mr. Safroniy was a research associate at William Blair Investment Management, where he covered U.S. industrials, including work on a significant number of industrial companies that were focused on the water sector. He also served as a research associate at Brandes Investment Partners, where he focused on the technology sector.

He holds a B.A. in finance from Michigan State University. In addition, he is a CFA charterholder.



Philosophy

Invest in companies which actively address global water scarcity and quality issues and help to improve the sustainability of global water resources.

Strategy

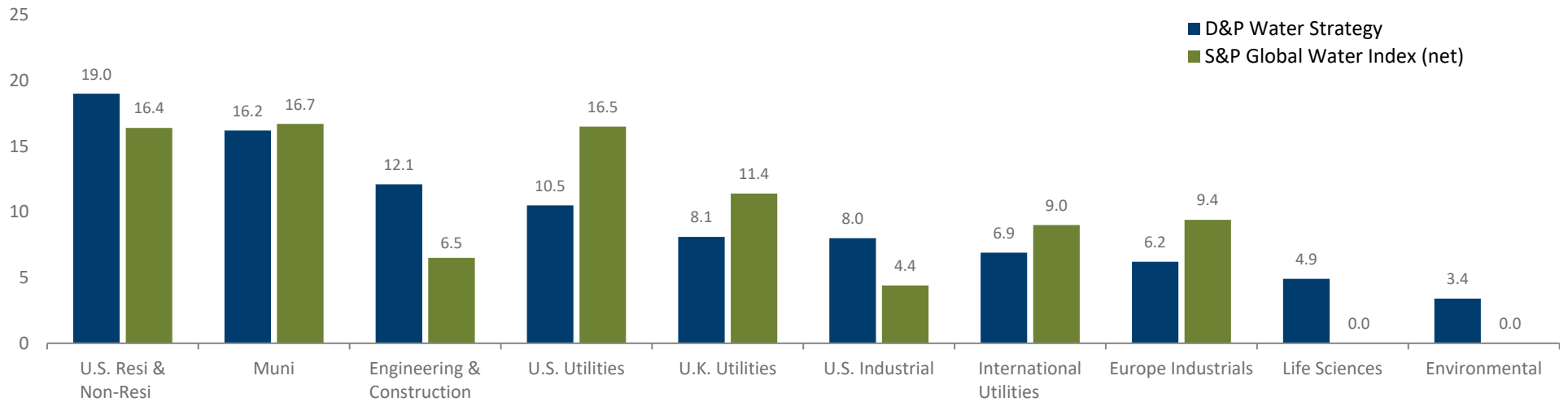
Benchmark	S&P Global Water Index (Net), MSCI ACWI Index (Net)
Category	Morningstar: Natural Resources; Lipper: Equity Theme - Water
Portfolio Managers	David Grumhaus & Nick Holmes
Investment Style	Actively managed, diversified exposure, long-only equity
Focus	Market leaders with a unique position in the water supply chain and long history in global infrastructure
Water Dimensions	Water Supply, Water Efficiency, Water Quality
Geographic Ranges	North America 45-75%, Europe 20-45%, Rest of World 0-25%
Number of stocks	Typically 30-40
Strategy AUM	\$624.3 M as of June 30, 2024

Portfolio allocations

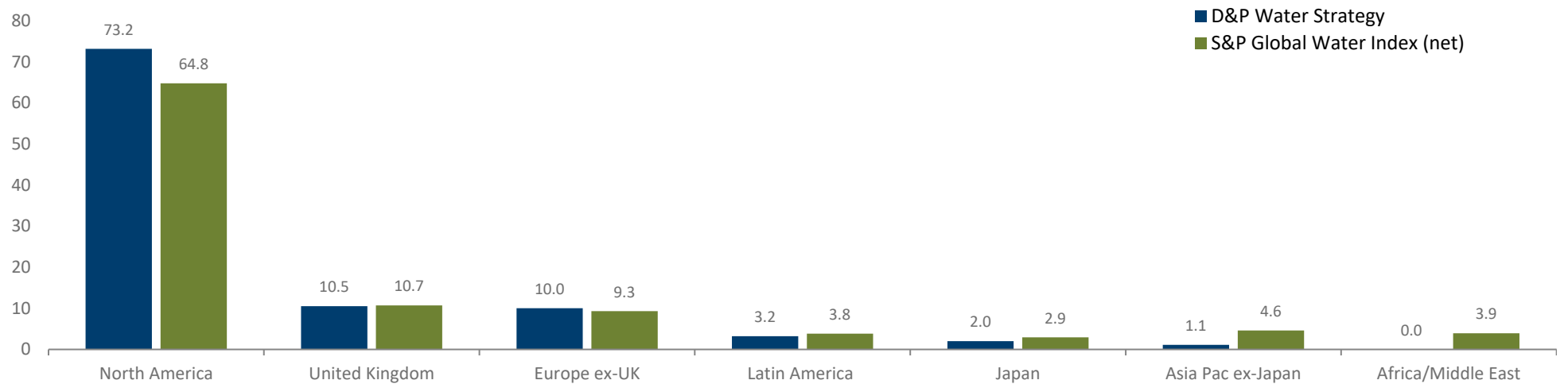


As of June 30, 2024

Top Ten Sector Allocations (%)



Regional Allocations (%)



Source: S&P, Bloomberg Finance L.P. Portfolio is a representative institutional account re-weighted to 0% cash. Allocations are subject to change.

Top ten holdings



As of June 30, 2024

Company	Country	End-Market	Portfolio Weight (%)
Portfolio Top Ten Holdings			
Xylem Inc	United States	Muni	9.8
American Water Works Co Inc	United States	U.S. Utilities	5.6
Severn Trent Plc	United Kingdom	U.K. Utilities	5.3
Essential Utilities Inc	United States	U.S. Utilities	5.3
Ecolab Inc	United States	U.S. Industrial	5.1
Tetra Tech Inc	United States	Engineering & Construction	4.8
Pentair Plc	United States	U.S. Resi & Non-Resi	4.4
Core & Main Inc-Class A	United States	U.S. Resi & Non-Resi	4.3
Stantec Inc	Canada	Engineering & Construction	3.4
Cia Saneamento Basico De-Adr	Brazil	International Utilities	3.2
Total			51.2

Source: S&P, Bloomberg Finance L.P., Duff & Phelps. Portfolio is a representative institutional account re-weighted to 0% cash. Allocations are subject to change. Portfolio holdings information is based on a representative institutional account excluding cash and does not represent all of the securities held in client portfolios. The securities identified may no longer be held in client portfolios and the holdings of any particular client portfolio may vary. The list is provided for illustrative purposes and should not be considered a recommendation to purchase or sell a particular security.

GIPS Composite Report – Global Water



Year-End (12/31)	Annual Performance			3-Year Annualized Standard Deviation		Number of Accounts	Asset-weighted Dispersion (%)	Composite Assets (US \$mm)	Firm Total Assets (US \$bn)
	Composite Gross (%)	Composite Net (%)	Benchmark Return (%)	Composite (%)	Benchmark (%)				
2023	13.51	12.55	14.82	n.a.	n.a.	≤5	n.a.	629.3	12.3
2022 ¹	3.03	2.74	3.08	n.a.	n.a.	≤5	n.a.	679.7	12.0
Annualized Performance (%) - as of December 31, 2023									
1 year	13.51	12.55	14.82						
Since Inception	12.46	11.51	13.47						

Duff & Phelps Investment Management Co. claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS standards. Duff & Phelps Investment Management Co. has been independently verified for the periods January 1, 1993 through December 31, 2023. The verification reports are available upon request. A firm that claims compliance with the GIPS standards must establish policies and procedures for complying with all the applicable requirements of the GIPS standards. Verification provides assurance on whether the firm’s policies and procedures related to composite and pooled fund maintenance, as well as the calculation, presentation, and distribution of performance, have been designed in compliance with the GIPS standards and have been implemented on a firm-wide basis. Verification does not provide assurance on the accuracy of any specific performance report. GIPS® is a registered trademark of CFA Institute. CFA Institute does not endorse or promote this organization, nor does it warrant the accuracy or quality of the content contained herein.

1. Organization – Duff & Phelps Investment Management Co. (“Duff & Phelps” or the “firm”) is a registered investment adviser and a wholly owned subsidiary of Virtus Investment Partners. Duff & Phelps manages assets on behalf of institutional and retail separate accounts and open-end and closed-end funds. Registration of an investment adviser does not imply any level of skill or training.

2. Composite Description – The Global Water Composite includes fully discretionary accounts that focus their investments in global equity securities of companies that provide solutions to the supply, quality, and efficiency of water resources and are aligned to select sustainability goals. Material risks, in addition to market risk or potential strategy underperformance, include sector concentration risks and risk factors specific to global developed and emerging market securities. The inception date of the Composite is August 31, 2022 and the Composite was created on August 31, 2022. The Composite contains 5 or fewer portfolios.

3. Benchmark – The Composite Benchmark is the S&P Global Water Index (net), a float-adjusted market capitalization index measuring the performance of 50 of the largest companies in water-related businesses throughout the world, including both developed and emerging market countries. The withholding tax rates used in the calculation of the Benchmark are those applied to dividends received by non-resident investors; the withholding tax rates used in the calculation of the Composite are those applied to dividends received by account domicile. From June 30, 2023 to May 31, 2024 date the Composite Benchmark was disclosed as the MSCI AC World Index (net). The benchmark disclosure should have referenced the S&P Global Water Index.

4. Calculations – Returns are total, time-weighted rates of return expressed in U.S. dollars and include accrued income. The Composite and Benchmark results reflect the reinvestment of dividends and other earnings. Composite dispersion is not presented for periods with 5 or fewer portfolios. The 3-year annualized ex-post standard deviation measures the variability of gross Composite returns and the Benchmark returns over the preceding 36-month time period and is not presented for performance periods of less than 36 months.



5. Performance and Fee Information – Investment performance returns are presented on both a gross of fee and net of fee basis. Gross composite returns are calculated net of trading costs, but do not reflect any deduction for investment advisory fees, custodial charges or other costs that a client might incur in connection with the management of an account. The firm’s fee schedule for management of institutional separate Global Water accounts is: 0.85% on assets up to \$25 million, 0.80% on the next \$25 million, and 0.70% on amounts in excess of \$50 million. Returns realized by clients will be reduced by these costs. Actual investment advisory fees incurred by clients may vary. Initial minimum account size for institutional accounts is \$25 million. Net composite returns are calculated by subtracting 1/12th of the highest separate account investment management fee in effect of 0.85% from the monthly gross composite return. Index returns do not reflect the deduction of any fees.

6. Additional Information – A list of all composite and pooled fund investment strategies offered by the firm, with a description of each strategy, is available upon request. The type of portfolios in which each strategy is available (segregated account, limited distribution pooled fund, or broad distribution pooled fund) is indicated in the description of each strategy. Duff & Phelps’s policies for valuing investments, calculating performance, and preparing GIPS reports are available upon request.

Past performance is not indicative of future results.

A high-speed photograph of water being poured, creating a dynamic splash with many bubbles and droplets. The water is clear and the background is a soft, light blue.

Thank you.

We know your time
is valuable and appreciate
you spending it with us



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