

W0. Introduction

W0.1

(W0.1) Give a general description of and introduction to your organization.

Dover is a diversified global manufacturer and solutions provider with annual revenue of approximately \$8.5 billion. Dover delivers innovative equipment and components, consumable supplies, aftermarket parts, software and digital solutions, and support services through five operating segments: Engineered Products, Clean Energy & Fueling, Imaging & Identification, Pumps & Process Solutions, and Climate & Sustainability Technologies.

The Company's core strengths of ownership, entrepreneurship, and accountability fuel our ability to deliver cutting edge products and solutions to our customers. Dover is headquartered in Downers Grove, Illinois and currently employs approximately 25,000 people worldwide.

Dover's five operating segments are as follows:

- Our **Engineered Products** segment provides a wide range of equipment, components, software, solutions and services to the vehicle aftermarket, waste handling, industrial automation, aerospace and defense, industrial winch and hoist, and fluid dispensing end-markets.
- Our **Clean Energy & Fueling** segment provides components, equipment, software, solutions and services enabling safe and reliable storage, transport and dispensing of traditional and clean fuels (including liquefied natural gas, hydrogen, and electric vehicle charging), cryogenic gases, and other hazardous substances along the supply chain, and safe and efficient operation of convenience retail, retail fueling and vehicle wash establishments, as well as facilities where cryogenic gases are produced, stored or consumed.
- Our **Imaging & Identification** segment supplies precision marking and coding, product traceability, brand protection and digital textile printing equipment, as well as related consumables, software and services to the global packaged and consumer goods, pharmaceutical, industrial manufacturing, textile and other end-markets.
- Our **Pumps & Process Solutions** segment manufactures specialty pumps and flow meters, highly engineered precision components for rotating and reciprocating machines, fluid connecting solutions and plastics and polymer processing equipment, serving single-use biopharmaceutical production, diversified industrial manufacturing, chemical production, plastics and polymer processing, midstream and downstream oil and gas and other end-markets.
- Our **Climate & Sustainability Technologies** segment is a provider of innovative and energy-efficient equipment, components and parts for the commercial refrigeration, equipment and systems, heating and cooling and beverage can-making equipment markets.

W0.2

(W0.2) State the start and end date of the year for which you are reporting data.

	Start date	End date
Reporting year	January 1 2022	December 31 2022

W0.3

(W0.3) Select the countries/areas in which you operate.

- Argentina
- Australia
- Belgium
- Brazil
- Canada
- China
- Denmark
- Dominican Republic
- France
- Germany
- India
- Italy
- Malaysia
- Mexico
- Netherlands
- Poland
- Russian Federation
- Singapore
- Slovakia
- Spain
- Sweden
- Switzerland
- Thailand
- United Kingdom of Great Britain and Northern Ireland
- United States of America

W0.4

(W0.4) Select the currency used for all financial information disclosed throughout your response.

USD

W0.5

(W0.5) Select the option that best describes the reporting boundary for companies, entities, or groups for which water impacts on your business are being reported.

Companies, entities or groups over which operational control is exercised

W0.6

(W0.6) Within this boundary, are there any geographies, facilities, water aspects, or other exclusions from your disclosure?

No

W0.7

(W0.7) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)?

Indicate whether you are able to provide a unique identifier for your organization.	Provide your unique identifier
Yes, a Ticker symbol	DOV

W1. Current state

W1.1

(W1.1) Rate the importance (current and future) of water quality and water quantity to the success of your business.

	Direct use importance rating	Indirect use importance rating	Please explain
Sufficient amounts of good quality freshwater available for use	Important	Important	Access to sufficient volumes and good quality water is required in Dover's direct and indirect operations. Direct use - Our operating companies require freshwater for production processing. For example, the manufacturing sites in our Pumps & Process Solutions segment utilize fresh water during the production process in machining areas. Freshwater is also used at all of our sites and offices for water fountains, sanitary locations (toilets) and irrigation. While our operations are not water intensive, without access to sufficient amounts of quality freshwater, our direct operations could be disrupted. Indirect use - Many of our customers and suppliers have similar operations to our own. Indirect use of freshwater is also important to our value chain for production processes.
Sufficient amounts of recycled, brackish and/or produced water available for use	Important	Important	A few of Dover's sites rely on recycled water as a means of resource efficiency. For example, several of our operating companies operate a water-based coolant recycling system which reclaims the water-based coolant and returns it to the operating process. For one of the operating companies, this reduced water consumption by 30% at its facilities. For these operating companies and others, recycled water plays a key part in saving money and helping the environment. Many of our customers and suppliers have similar operations to our own. Recycled water is as important to our value chain as it is to our own operations.

W1.2

(W1.2) Across all your operations, what proportion of the following water aspects are regularly measured and monitored?

	% of sites/facilities/operations	Frequency of measurement	Method of measurement	Please explain
Water withdrawals – total volumes	76-99	Monthly	Water utility bill data, by volume, was collected from sites monthly or bi-monthly. For sites where data was not available, Dover extrapolated the annual volumes based on average yearly water withdrawal within a given operating company. Using these methods, water withdrawal was calculated or estimated for 97% of Dover's sites.	Dover began collecting water data from its global facilities starting in 2018. During 2022, Dover was able to directly measure water withdrawal at 66% of all facilities globally, up from 50% measured in 2021. Dover was able to estimate data for an additional 31% of sites for a total of 97% sites with calculated or estimated water data. Therefore, water withdrawal is monitored and directly measured or estimated at substantially all our facilities worldwide. Dover is continuing to develop its water data collection tools and working with sites to ensure more complete reporting in the future.

	% of sites/facilities/operations	Frequency of measurement	Method of measurement	Please explain
Water withdrawals – volumes by source	76-99	Monthly	Water utility bill data, by volume, was collected from sites monthly or bi-monthly. For sites where data was not available, Dover extrapolated the annual volumes based on average yearly water withdrawal within a given operating company. Using these methods, water withdrawal was calculated or estimated for 97% of Dover's sites.	Dover began collecting water data from its global facilities starting in 2018 and in 2022 was able to directly measure water withdrawal at 66% of all facilities globally, up from 50% measured in 2021. All of our water withdrawals are sourced from municipal supplies, so total withdrawal by volume is no different than water withdrawal volumes by source. Dover was able to estimate data for an additional 31% of sites for a total of 97% sites with calculated or estimated water data. Therefore, water withdrawal is monitored and directly measured or estimated at substantially all our facilities worldwide.
Entrained water associated with your metals & mining and/or coal sector activities - total volumes [only metals and mining and coal sectors]	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Produced water associated with your oil & gas sector activities - total volumes [only oil and gas sector]	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Water withdrawals quality	Not relevant	<Not Applicable>	<Not Applicable>	All of our water withdrawals are sourced from municipal supplies, which are required to provide water that meets commercial quality standards.
Water discharges – total volumes	76-99	Monthly	Water utility bill data, by volume, was collected from reporting sites monthly or bi-monthly. For sites where data was not available, Dover extrapolated the annual volumes based on average yearly water discharge within a given operating company. Using these processes, water discharge is monitored and directly measured or estimated at 96% of Dover sites.	Dover began collecting water data from its global facilities starting in 2018 and in 2022 was able to directly measure wastewater discharge at 66% of all facilities globally, up from the 50% of all facilities in 2021. Almost all of our wastewater is discharged to local municipal treatment plants. Dover was able to estimate data for an additional 30% of sites for a total of 96% sites with calculated or estimated water withdrawal data. Therefore, water discharge is monitored and measured at substantially all our facilities worldwide. Dover is continuing to develop its water data collection tools and working with sites to ensure more complete reporting in the future
Water discharges – volumes by destination	76-99	Monthly	Municipal water utility bill data, by volume, was collected from reporting sites monthly or bi-monthly. For sites where data was not available, Dover extrapolated the annual volumes based on average yearly water discharge within a given operating company. Using these processes, water discharge is monitored and directly measured or estimated at 96% of Dover sites.	Dover began collecting water data from its global facilities starting in 2018 and in 2020 was able to directly measure wastewater discharge at 66% of all facilities globally, up from the 50% of all facilities in 2021. Almost all of our wastewater is discharged to local municipal treatment plants, so total discharge by volume is no different than water discharge volumes by destination. Dover was able to estimate data for an additional 30% of sites for a total of 96% sites with calculated or estimated water withdrawal data. Therefore, water discharge is monitored and measured at substantially all our facilities worldwide. Dover is continuing to develop its water collection process and working with sites to ensure more complete reporting in the future
Water discharges – volumes by treatment method	Not relevant	<Not Applicable>	<Not Applicable>	Almost all our water is discharged to local municipal treatment plants or to groundwater from irrigation.
Water discharge quality – by standard effluent parameters	Not relevant	<Not Applicable>	<Not Applicable>	All of our water discharge meets standard effluent parameters. While local authorities may require general water quality permits for some of our facilities, this would be rare. Therefore, monitoring at the corporate level would not be relevant to Dover's overall water stewardship.
Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)	Not relevant	<Not Applicable>	<Not Applicable>	The mass of any water pollutants or contaminants, such as nitrates and pesticides, released to bodies of water meets local guidance in which our companies operate.
Water discharge quality – temperature	Not relevant	<Not Applicable>	<Not Applicable>	All of our water discharge meets standard temperature parameters. While local authorities may require general water quality permits for some of our facilities, this would be rare. Therefore, monitoring at the corporate level would not be relevant to Dover's overall water stewardship
Water consumption – total volume	76-99	Monthly	Municipal water utility bill data, by volume, was collected from these reporting sites monthly or bi-monthly. For sites where data was not available, Dover extrapolated the annual volumes based on average yearly water withdrawal and discharge within a given operating company. Total water consumption, by volume, is calculated by taking the difference between total water withdrawal and total water discharge, providing an aggregated estimation of water consumption across all global operations.	Dover began collecting water data from its global facilities starting in 2018 and in 2022 was able to directly measure water withdrawal and wastewater discharge at 66% of all global facilities and was able to estimate data for an additional 30%+ sites. Using the outlined methodology (taking the difference between water withdrawal and water discharge) water consumption is monitored and directly measured / estimated at substantially all our facilities worldwide (>90%).
Water recycled/reused	Not relevant	<Not Applicable>	<Not Applicable>	Several of our operating companies utilize recycled water for resource efficiency with examples provided throughout our CDP response. However, Dover does not monitor recycling/reused water at the corporate level.
The provision of fully-functioning, safely managed WASH services to all workers	100%	Continuously	Almost all of our water is sourced from municipal supplies which are required to provide water that meets commercial quality standards which we monitor continuously.	We provide fully functioning WASH services for employees at all our facilities. Almost all of our water is sourced from municipal supplies which are required to provide water that meets commercial quality standards.

W1.2b

(W1.2b) What are the total volumes of water withdrawn, discharged, and consumed across all your operations, how do they compare to the previous reporting year, and how are they forecasted to change?

	Volume (megaliters/year)	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Five-year forecast	Primary reason for forecast	Please explain
Total withdrawals	835	Higher	Increase/decrease in business activity	Higher	Increase/decrease in business activity	Dover began collecting water data from its global facilities in 2018. In 2022, the total water withdrawals across all active facilities globally was 835 megaliters (a company-wide calculation). We collected water withdrawal data monthly from 66% of our facilities worldwide (up from 50% of facilities in 2021). Increased water withdrawal is attributed to increased business activity following COVID-related operational disruptions in previous years. For sites where data was not available, Dover extrapolated the annual volumes based on average yearly water withdrawal within a given operating company. Through these methods, withdrawal amounts were calculated or estimated for 97% of all facilities. Therefore, water withdrawal volumes are monitored and directly measured or estimated at substantially all our facilities worldwide. In the future, we expect total water withdrawals to increase in some operating companies as our operations continue to grow and result in larger production volumes and additional equipment and facilities requiring water for processes like cooling and manufacturing. Dover does intend to implement and track water efficiency projects in its operations where possible.
Total discharges	661	Higher	Increase/decrease in business activity	Higher	Increase/decrease in business activity	Dover began collecting water data from its global facilities in 2018. In 2022, the total water discharges across all active facilities globally was 661 megaliters (a company-wide calculation). We collected water discharge data monthly from 66% of our facilities worldwide (up from 50% of our facilities in 2021). For sites where data was not available, Dover extrapolated the annual volumes based on average yearly water discharge within a given operating company. Through these methods, discharge amounts were calculated or estimated for 96% of all facilities. Using these processes, water discharge is monitored and directly measured or estimated at substantially all our facilities worldwide. Increased water discharge is attributed to increased business activity following COVID-related operational disruptions in previous years. Dover is continuing to develop its water data collection tools and working with sites to ensure more complete reporting in the future. In the future, we expect total water discharge to increase in some operating companies as our operations continue to grow and result in larger production volumes and additional equipment and facilities requiring water for processes like cooling and manufacturing. Dover does intend to implement and track water efficiency projects in its operations where possible.
Total consumption	174	Lower	Change in accounting methodology	Higher	Increase/decrease in business activity	Dover began collecting water data from its global facilities in 2018. In 2022, the total water consumption across all active facilities globally was 174 megaliters. Total water consumption is calculated monthly or bi-monthly, by subtracting total discharge from total withdrawal. Water consumption is monitored and directly measured or estimated at substantially all our facilities worldwide. Dover is continuously developing its water data collection process and working with sites to ensure more complete reporting in the future. We calculate water consumption by taking the difference between total water withdrawal and total water discharge. Our discharge data increased partly due to increased business activity and partly due to a higher number of sites with calculated water discharge data. Therefore, our consumption data was lower in 2022 because the difference between water withdrawal and water discharge shrank. In the future, we expect total water consumption to increase in some operating companies as our operations continue to grow and result in larger production volumes and additional equipment and facilities requiring water for processes like cooling and manufacturing. Dover does intend to implement and track water efficiency projects in its operations where possible.

W1.2d

(W1.2d) Indicate whether water is withdrawn from areas with water stress, provide the proportion, how it compares with the previous reporting year, and how it is forecasted to change.

	Withdrawals are from areas with water stress	% withdrawn from areas with water stress	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Five-year forecast	Primary reason for forecast	Identification tool	Please explain
Row 1	Yes	11-25	About the same	Increase/decrease in business activity	Higher	Other, please specify (We anticipate that more places around the world, including places where we do business, will become increasingly identified as water stressed regions due to external factors such as climate change.)	WRI Aqueduct	Dover used the WRI Aqueduct tool 3.0 to assess the number of facilities located in water-stressed regions. Using this tool, we determined that 20% of Dover's facilities are in areas considered to be in high or extremely high "overall water stress". We anticipate in the future, that certain regions around the world, including regions where we already do business, will experience an increasing risk of water stress due to external factors such as urbanization and changing climate patterns that will affect water availability. Dover plans on monitoring our operations in water risk areas and investing in technologies that promote water conservation and address water stress.

W1.2h

(W1.2h) Provide total water withdrawal data by source.

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Please explain
Fresh surface water, including rainwater, water from wetlands, rivers, and lakes	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Dover began collecting water data from its global facilities in 2018. In 2022, none of Dover's facilities reported water withdrawal from fresh surface water and so this source is not relevant to Dover's water withdrawal and use.
Brackish surface water/Seawater	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Dover began collecting water data from its global facilities in 2018. In 2022, none of Dover's facilities reported water withdrawal from brackish surface water or seawater, and so this source is not relevant to Dover's water withdrawal and use.
Groundwater – renewable	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Dover began collecting water data from its global facilities in 2018. In 2022, only 2 of Dover's facilities reported water withdrawal from renewable or non-renewable groundwater and thus this source is not relevant to Dover's water withdrawal and use. However, Dover will continue to monitor this source to determine if it becomes relevant in the future.
Groundwater – non-renewable	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Dover began collecting water data from its global facilities in 2018. In 2022, only 2 of Dover's facilities reported water withdrawal from non-renewable or renewable groundwater and thus this source is not relevant to Dover's water withdrawal and use. However, Dover will continue to monitor this source to determine if it becomes relevant in the future.
Produced/Entrained water	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Dover began collecting water data from its global facilities in 2018. In 2022, none of Dover's facilities reported water withdrawal from produced water and so this source is not relevant to Dover's water withdrawal and use.
Third party sources	Relevant	835	Higher	Increase/decrease in business activity	Dover began collecting water data from its global facilities in 2018. In 2022, the total water withdrawals across all active facilities globally was 835 megaliters (a company-wide calculation). We collected water withdrawal data monthly from 66% of our facilities worldwide (up from 50% of facilities in 2021). Increased water withdrawal is attributed to increased business activity following COVID-related operational disruptions in previous years. For sites where data was not available, Dover extrapolated the annual volumes based on average yearly water withdrawal within a given operating company. Through these methods, withdrawal amounts were calculated or estimated for 97% of all facilities. Therefore, water withdrawal volumes are monitored and directly measured or estimated at substantially all our facilities worldwide.

W1.2i

(W1.2i) Provide total water discharge data by destination.

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Please explain
Fresh surface water	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	In 2022, none of Dover's global facilities report water discharge to fresh surface water, and therefore this destination is not relevant.
Brackish surface water/seawater	Relevant	0.78	About the same	Other, please specify (No large difference in volume)	In 2022, total water discharged as brackish water across all facilities was 0.78 megaliters or <1% of Dover's water discharge volumes. This is of a similar magnitude to previous reporting years.
Groundwater	Relevant	0.2	About the same	Other, please specify (No large difference in volume)	In 2022, total water discharged as brackish water across all facilities was 0.2 megaliters or <1% of Dover's water discharge volumes. This is of a similar magnitude to previous reporting years.
Third-party destinations	Relevant	659	Higher	Increase/decrease in business activity	Dover began collecting water data from its global facilities in 2018. In 2022, the total water discharges across all active facilities globally was 661 megaliters (a company-wide calculation). We collected water discharge data monthly from 66% of our facilities worldwide (up from 50% of our facilities in 2021). For sites where data was not available, Dover extrapolated the annual volumes based on average yearly water discharge within a given operating company. Using these processes, water discharge is monitored and directly measured or estimated at substantially all our facilities worldwide (97%). Increased water discharge is attributed to increased business activity following COVID-related operational disruptions in previous years.

W1.3

(W1.3) Provide a figure for your organization's total water withdrawal efficiency.

	Revenue	Total water withdrawal volume (megaliters)	Total water withdrawal efficiency	Anticipated forward trend
Row 1	8508088000	835	10189326.9461078	In the future, we expect total water withdrawal efficiency to stay the same or decrease -- as our operations and revenue continues to grow, we expect larger production volumes and additional equipment and facilities requiring water for processes like cooling and manufacturing. Dover does intend to implement and track water efficiency projects in its operations where possible.

W1.4

(W1.4) Do any of your products contain substances classified as hazardous by a regulatory authority?

	Products contain hazardous substances	Comment
Row 1	Unknown	To the best of the company's knowledge, we do not have any reason to believe that our operating companies' products contain any hazardous substances, except to the extent and in the manner permitted by law and all associated regulatory prohibitions, restrictions, and/or requirements.

W1.5

(W1.5) Do you engage with your value chain on water-related issues?

	Engagement	Primary reason for no engagement	Please explain
Suppliers	Yes	<Not Applicable>	<Not Applicable>
Other value chain partners (e.g., customers)	Yes	<Not Applicable>	<Not Applicable>

W1.5a

(W1.5a) Do you assess your suppliers according to their impact on water security?

Row 1

Assessment of supplier impact

No, we do not assess the impact of our suppliers and have no plans to do so within the next two years

Considered in assessment

<Not Applicable>

Number of suppliers identified as having a substantive impact

<Not Applicable>

% of total suppliers identified as having a substantive impact

<Not Applicable>

Please explain

W1.5b

(W1.5b) Do your suppliers have to meet water-related requirements as part of your organization's purchasing process?

	Suppliers have to meet specific water-related requirements	Comment
Row 1	Yes, suppliers have to meet water-related requirements, but they are not included in our supplier contracts	<Not Applicable>

W1.5c

(W1.5c) Provide details of the water-related requirements that suppliers have to meet as part of your organization's purchasing process, and the compliance measures in place.

Water-related requirement

Complying with going beyond water-related regulatory requirements

% of suppliers with a substantive impact required to comply with this water-related requirement

<Not Applicable>

% of suppliers with a substantive impact in compliance with this water-related requirement

<Not Applicable>

Mechanisms for monitoring compliance with this water-related requirement

Supplier self-assessment

Response to supplier non-compliance with this water-related requirement

Exclude

Comment

Dover's Supplier Code of Conduct requires all suppliers to comply with applicable environmental laws, regulations, and standards and minimize any adverse impact on the environment. To ensure compliance with this Supplier Code, suppliers are required to cooperate with inspections, audits, and investigations by Dover or its authorized agents. Prior to engaging in business or during an existing business relationship, Dover conducts diligence as needed on its suppliers to assess compliance with this Supplier Code and address Dover's business needs. Through this program, we are able to understand the risk management activities of our suppliers related to water.

W1.5d

(W1.5d) Provide details of any other water-related supplier engagement activity.

Type of engagement

Other

Details of engagement

Other, please specify

% of suppliers by number

76-99

% of suppliers with a substantive impact

<Not Applicable>

Rationale for your engagement

Dover's suppliers must also endeavor to conserve natural resources, including water, and energy and reduce or eliminate waste and the use of hazardous substances.

Impact of the engagement and measures of success

To ensure compliance with Dover's Supplier Code, suppliers are required to cooperate with inspections, audits, and investigations by Dover or its authorized agents. Prior to engaging in business or during an existing business relationship, Dover conducts diligence as needed on its suppliers to assess compliance with this Supplier Code and address Dover's business needs.

Comment

W1.5e

(W1.5e) Provide details of any water-related engagement activity with customers or other value chain partners.

Type of stakeholder

Customers

Type of engagement

Innovation & collaboration

Details of engagement

Collaborate with stakeholders on innovations to reduce water impacts in products and services

Rationale for your engagement

Dover is committed to developing products designed to help customers meet their sustainability goals in response to evolving regulatory and environmental standards. Our operating company leaders and their respective teams are in regular contact with customers and regularly assess customer needs, including with respect to water efficiency, wastewater treatment, and other sustainability-related efforts, to develop products that can help meet those needs.

Impact of the engagement and measures of success

We believe sustainability-driven innovation presents a significant growth opportunity while contributing positively to enhanced resource efficiency and reduced waste. Accordingly, over the past several years, we have accelerated our efforts and processes around innovation, focusing on technologies that create tangible value for our customers. For example, Pump Solution Group's pumps have helped strengthen water treatment operations for the many chemical-metering processes involved to help customers deliver the cleanest water possible. The success of our customer engagement is ultimately reflected in the value we create for shareholders by understanding and addressing the needs of our customers and capitalizing on opportunities to strengthen our relationships with them.

W2. Business impacts

W2.1

(W2.1) Has your organization experienced any detrimental water-related impacts?

No

W2.2

(W2.2) In the reporting year, was your organization subject to any fines, enforcement orders, and/or other penalties for water-related regulatory violations?

	Water-related regulatory violations	Fines, enforcement orders, and/or other penalties	Comment
Row 1	Yes	Fines	We are aware of the following water-related regulatory violations: On June 30, 2022, one operating company received a Notice of Violation (NOV) from the Los Angeles Regional Water Quality Control Board (LARWQCB) related to a facility in Sylmar, California. The NOV alleged Numeric Effluent Limitation exceedances of zinc in stormwater discharges between December 28, 2020 and March 15, 2021.

W2.2a

(W2.2a) Provide the total number and financial value of all water-related fines.

Row 1

Total number of fines

1

Total value of fines

39000

% of total facilities/operations associated

1

Number of fines compared to previous reporting year

This is our first year of measurement

Comment

W2.2b

(W2.2b) Provide details for all significant fines, enforcement orders and/or other penalties for water-related regulatory violations in the reporting year, and your plans for resolving them.

Type of penalty

Fine

Financial impact

39000

Country/Area & River basin

Please select

Type of incident

Spillage, leakage or discharge of potential water pollutant

Description of penalty, incident, regulatory violation, significance, and resolution

We are aware of the following water-related regulatory violations: On June 30, 2022, one operating company received a Notice of Violation (NOV) from the Los Angeles Regional Water Quality Control Board (LARWQCB) related to a facility in Sylmar, California. The NOV alleged Numeric Effluent Limitation exceedances of zinc in stormwater discharges between December 28, 2020 and March 15, 2021.

W3. Procedures

W3.1

(W3.1) Does your organization identify and classify potential water pollutants associated with its activities that could have a detrimental impact on water ecosystems or human health?

	Identification and classification of potential water pollutants	How potential water pollutants are identified and classified	Please explain
Row 1	No, we do not identify and classify our potential water pollutants	<Not Applicable>	

W3.3

(W3.3) Does your organization undertake a water-related risk assessment?

Yes, water-related risks are assessed

W3.3a

(W3.3a) Select the options that best describe your procedures for identifying and assessing water-related risks.

Value chain stage

Direct operations

Coverage

Full

Risk assessment procedure

Water risks are assessed as part of other company-wide risk assessment system

Frequency of assessment

Annually

How far into the future are risks considered?

More than 6 years

Type of tools and methods used

Tools on the market

Tools and methods used

WRI Aqueduct

Contextual issues considered

Water availability at a basin/catchment level
Water quality at a basin/catchment level
Implications of water on your key commodities/raw materials
Water regulatory frameworks
Status of ecosystems and habitats
Access to fully-functioning, safely managed WASH services for all employees

Stakeholders considered

Customers
Employees
Investors
Regulators
Suppliers
Water utilities at a local level
Other water users at the basin/catchment level

Comment

Dover uses the WRI Aqueduct tool to assess the overall risk associated with our facilities, including physical quantity, physical quality, and regulatory and reputational risk. Dover utilized the updated WRI Aqueduct Tool to assess risk from its sites. Approximately 20% of our sites are located in areas of high or extremely high "overall water stress." The percentage of sites that are considered to be in high or extremely high-water stress increased from 2021. In 2021 and 2022, we analyzed approximately 360 sites. The increase in sites in high water stress areas may be due to global increases in water stress or continued improvement in the WRI Aqueduct tool. To help manage the ESG issues that impact our businesses, we established a cross-functional Sustainability Steering Committee comprised of Dover corporate and operating company leaders to oversee our sustainability strategy, initiatives, target-setting, performance, and reporting. The Sustainability Steering Committee also considers water- and climate-related risks. The Sustainability Steering Committee aims to meet at least quarterly, regularly briefs the CEO, and provides an update to the Board at least annually.

Value chain stage

Supply chain

Coverage

Partial

Risk assessment procedure

Water risks are assessed as part of other company-wide risk assessment system

Frequency of assessment

Not defined

How far into the future are risks considered?

Unknown

Type of tools and methods used

Please select

Tools and methods used

<Not Applicable>

Contextual issues considered

Implications of water on your key commodities/raw materials

Stakeholders considered

Suppliers

Comment

Dover identifies and assesses water-related risks in our supply chain through our Supplier Code of Conduct. Our Supplier Code of Conduct requires all suppliers to comply with applicable environmental laws, regulations, and standards and to minimize any adverse impact on the environment. In order to mitigate potential risks throughout its value chain, Dover must understand our suppliers' water-related activities, risks, and management strategies.

Value chain stage

Direct operations
Supply chain
Product use phase

Coverage

Full

Risk assessment procedure

Water risks are assessed as part of other company-wide risk assessment system

Frequency of assessment

Every three years or more

How far into the future are risks considered?

More than 6 years

Type of tools and methods used

Other

Tools and methods used

Scenario analysis

Contextual issues considered

Water availability at a basin/catchment level
 Implications of water on your key commodities/raw materials
 Other, please specify (Resource efficiency of products)

Stakeholders considered

- Customers
- Employees
- Investors
- Suppliers

Comment

In 2021, Dover completed our initial climate risk assessment and scenario analysis, where members of the Sustainability Steering Committee prioritized a broad universe of existing and emerging climate-related risks and opportunities impacting Dover and our operating companies. From the initial list, eight top physical risks, transition risks and opportunities emerged. Three of the top risks and opportunities concern water-related issues: the risk of increased frequency and severity of extreme weather affecting operations; the risk of disruptions to suppliers due to extreme weather potentially resulting in supply chain shortages and operational impacts; and the opportunity of innovating more sustainable products.

As a global company with many coastal facilities, Dover is at risk of increased frequency of water-related extreme weather events affecting operations. Many of Dover's locations in the US Gulf coast, the US Atlantic coast, and southeast Asia are at risk of hurricanes, which are projected to increase by 45-87% by 2100 with moderate increases in GHGs. Scientists also project that 100-year storms could begin happening every 5 to 10 years if climate change continues at current rates. Both of these risks could pose threats to Dover's locations in Europe and Singapore, which are at risk of flooding.

Dover also faces the risk of disruptions to suppliers causing supply chain shortages and operational impacts. The majority of Dover's supplier spend is in the Americas and Europe, both of which are regions with significant exposure to chronic climate-related physical impacts, including water impacts like drought. This creates a risk of operational disruption in the case of a water-related impact drought pausing production at a critical facility.

Finally, Dover has identified an opportunity to create economic value for shareholders by developing products designed to help customers meet their sustainability goals, including enhanced resource efficiency or reduced water consumption. Over the past several years, we have accelerated our efforts and processes around innovation, focusing on technologies that create tangible value for our customers. In Dover's Pumps & Process Solutions segment, Hydro Systems' EvoClean dispenser for on-premise laundry applications product line of proportioning, dosing, and dispensing solutions contribute to the long-term well-being of people and the environment by using 66% less water than traditional systems.

W3.3b

(W3.3b) Describe your organization's process for identifying, assessing, and responding to water-related risks within your direct operations and other stages of your value chain.

	Rationale for approach to risk assessment	Explanation of contextual issues considered	Explanation of stakeholders considered	Decision-making process for risk response
Row 1	Dover identifies and assesses water-related risks in our operations and supply chain, as these comprise the principal source of water-related risk in our value chain. As part of its oversight of risk management, our Board reviews any material risks, including any related to environmental and social issues, such as water security. Dover started collecting water data from its global facilities in 2018 and uses the WRI Aqueduct tool to identify and assess physical, regulatory, and reputational water risks to Dover's sites, both now and in the future. This tool includes risk assessment in the short-, medium- and long-term time horizons. Potential upstream water-related risks are assessed and managed in part through the requirement of compliance with Dover's Supplier Code of Conduct, audits as required, and building partnerships to help suppliers mitigate their water-related risks, thereby reducing Dover's own exposure to those risks. The results of water-related risk identification and analysis are shared with the Sustainability Steering Committee, which is responsible for overseeing our sustainability strategy, initiatives, target-setting, performance, and reporting. The Sustainability Steering Committee is comprised of Dover corporate leaders, including Dover's CEO, and operating company leaders.	Dover considers water-related issues in our operations by using the WRI Aqueduct tool to identify and assess risks relating to water quantity and quality at the basin level; water regulatory change; status of ecosystems; and access to water, sanitation, and hygiene (WASH). We also consider water-related issues in our supply chain, including the implications of water on key inputs such as raw materials, by engaging with our suppliers. Dover requires our suppliers to follow our Supplier Code of Conduct which mandates compliance with applicable environmental laws, regulations, and standards, including those concerning water-related issues.	In identifying, assessing, and responding to water-related risks in our operations and supply chain, Dover considers key stakeholders throughout our value chain. For example, we received stakeholder input when we conducted our climate risk analysis, which included select water-related risks. Additionally, we work with our suppliers to conserve natural resources, including water, throughout their operations. Furthermore, we create products, such as the EvoClean dispenser, that help our customers with water efficiency.	Dover has developed a process to identify, assess, and respond to risks, including those related to environmental and social issues, such as water security. The assessment of risk and opportunities includes consideration of the potential impact of the risk on our overall market position, competitive landscape, product innovation, sales revenue, and pre-tax earnings, as well as likelihood, impact, and mitigating controls in place. We have established a risk assessment team consisting of senior executives, which annually, with the assistance of a consultant, oversees a risk assessment at the segment and operating company levels and, with that information in mind, assesses the overall risks our company may face, including with respect to water-related risks. Each quarter, this team reassesses the severity of these risks and the status of efforts to mitigate them, and reports to the Board on that reassessment. At this time, there have been no material effects upon our earnings and competitive position resulting from our compliance with laws or regulations enacted or adopted relating to water, but continued regular risk assessment ensures that any future impacts can be anticipated and managed.

W4. Risks and opportunities

W4.1

(W4.1) Have you identified any inherent water-related risks with the potential to have a substantive financial or strategic impact on your business?

No

W4.1a

(W4.1a) How does your organization define substantive financial or strategic impact on your business?

One way that Dover defines a substantive financial or strategic impact on our business is an event or trend that could drive a significant positive or negative change in our sales revenue, pre-tax earnings, market position, competitive landscape, or product innovation. Examples include innovative new products that would meet significant customer needs, or a sustained downturn in a key market that would reduce demand for our products and services. We use a number of criteria to identify a substantive financial or strategic impact including an evaluation of the potential impact on our finances, operations, reputation, business strategy, and legal and regulatory compliance. We also assess the likelihood and severity of the impact, and our ability to implement controls to mitigate impacts. Financial impact is based on a scale which ranks impact into five categories, from a "Low" impact event with a potential financial impact of \$2 million to a "Critical" impact event with a potential financial impact of \$10 million.

Additionally, risks that impact our ability to operate that may not meet the financial thresholds defined above, may also be considered to be of substantive impact. For example, shut-downs of manufacturing facilities due to extreme weather events.

W4.2b

(W4.2b) Why does your organization not consider itself exposed to water risks in its direct operations with the potential to have a substantive financial or strategic impact?

	Primary reason	Please explain
Row 1	Risks exist, but no substantive impact anticipated	Overall, water risks are not expected to generate a substantive change in our business, operations, revenues, or expenditures in the short-, medium- or long-term. The vast majority of our water comes from the local utility operating in the vicinity of our operations. While Dover has some operations in water scarce regions based on our assessment of water stress using WRI Aqueduct, our business is not water intensive. It is unlikely that water shortages or increases in incidence of drought conditions will significantly impact our business operations. Severe weather events like flooding and hurricanes pose risks for our business. However, based on our assessments, we do not believe water-related physical risks from severe weather have the potential to cause a substantive financial or strategic impact on our business in the current time-frame.

W4.2c

(W4.2c) Why does your organization not consider itself exposed to water risks in its value chain (beyond direct operations) with the potential to have a substantive financial or strategic impact?

	Primary reason	Please explain
Row 1	Risks exist, but no substantive impact anticipated	Dover conducted a comprehensive water risk assessment, using WRI Aqueduct and other tools, to examine water risks in our operating companies' value chains. The results of the assessment have not identified exposure to water risks that could generate substantive financial or strategic impact. Dover sells a wide variety of products that are manufactured all over the world and our suppliers could at any point be exposed to water-related risks in certain regions. However, because of the wide variety of our products and suppliers, the interruption of service from any one supplier or type of product due to a water incident would not generate a substantive change in our business, operations, revenue, or expenditure in the short- medium or long-term. Severe weather events like flooding and hurricanes pose risks for our suppliers and are expected, but the business impacts are minimal. Based on our supplier engagement and water-related risk assessments, we do not believe water-related physical risks from severe weather in our value chain have the potential to cause a substantive financial or strategic impact on our business in the current time frame.

W4.3

(W4.3) Have you identified any water-related opportunities with the potential to have a substantive financial or strategic impact on your business?

Yes, we have identified opportunities, and some/all are being realized

W4.3a

(W4.3a) Provide details of opportunities currently being realized that could have a substantive financial or strategic impact on your business.

Type of opportunity

Products and services

Primary water-related opportunity

Reduced impact of product use on water resources

Company-specific description & strategy to realize opportunity

Dover is committed to creating economic value for shareholders by developing innovative products designed to help customers meet their sustainability goals, including those related to reduced impact of product use on water resources. We prioritize innovation by investing in research and development activities; our R&D spend in 2022 represented 1.9% of our annual revenue.

In Dover's Pumps & Process Solutions segment, our Hydro Systems' product line of proportioning, dosing, and dispensing solutions contribute to the long-term well-being of people and the environment. The products are used to accurately dilute and dispense concentrated cleaning chemicals so they can be safely and effectively used in a variety of commercial cleaning applications. Hydro Systems' products promote environmental responsibility, cost control, worker safety, and proper chemical performance, which is especially important in bacteria-control applications like retail-food and health care.

The innovative EvoClean dispenser is the world's first venturi (or vacuum) -based, water-powered dispenser for on-premise laundry applications. Unlike other laundry dispensers, EvoClean does not require squeeze tubes, which drives dramatic reductions in maintenance costs, and delivers the precise quantity of chemicals.

The EvoClean dispenser helps customers meet their sustainability goals, including reduced water consumption. The EvoClean dispenser uses 66% less water than traditional systems because its eductor pump restricts flow to lower flow rates of 0.5 GPM or 1.0 GPM. The EvoClean dispenser also consumes 87% less electricity than a comparable peristaltic pump and 95% less than a comparable diaphragm pump. Since launching EvoClean in 2018, over 10,000 units have been installed throughout Europe, the Middle East, and Africa (EMEA) and Asia-Pacific (APAC) regions, helping customers achieve enhanced resource efficiency.

Estimated timeframe for realization

Current - up to 1 year

Magnitude of potential financial impact

High

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

85000000

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact

The potential financial impact of water-saving product opportunities is provided as an order of magnitude estimate based on a percentage of Dover's revenue. Dover's revenue was \$8.5 billion in 2022. \$85 million is 1% of Dover's 2022 revenue.

Type of opportunity

Efficiency

Primary water-related opportunity

Improved water efficiency in operations

Company-specific description & strategy to realize opportunity

From 2020 to 2022, Dover operating companies have implemented over 40 water projects at facilities around the world to reduce water consumption and enhance resource efficiency. In Dover's Imaging & Identification segment, JK Group is a chemical company that produces water-based inks. Water is the main raw material used in the company's production plant. JK purifies withdrawn water with an internal osmosis system and then uses the demineralized water in the plant's products or for the cleaning of the plant's piping and tanks.

In 2020, a new system was installed to collect the wastewater coming from the production plant. This new system substitutes the old one, which was not adequate to collect the increased volume of wastewater from the integration of two plants. The new system is composed of a 300 m3 homogenization pool equipped with 2 mixers which allows the production wastewater to be diluted enough to either discharge safely or to reuse for cleaning the plant's piping and tanks. As a result, JK Group has been able to reduce its water usage. Instead of using two water streams for production and for cleaning, JK Group is able to reuse its production water for cleaning. JK Group has also reduced water usage by improving efficiencies in its production. For example, the plant now produces the same colored ink consecutively to reduce the need for system washing in between product formulations. The system reduced water per unit of production by 44% in 2021.

Estimated timeframe for realization

Current - up to 1 year

Magnitude of potential financial impact

Low-medium

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

620549.63

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact

Unit cost decreased by 40% after the implementation of the new system. Multiplying the decreased percentage in cost by the number of average units sold per year, our estimated annual savings is expected to be \$620,000.

Type of opportunity

Efficiency

Primary water-related opportunity

Improved water efficiency in operations

Company-specific description & strategy to realize opportunity

From 2020 to 2022, Dover operating companies have implemented over 40 water projects at facilities around the world to reduce water consumption and enhance resource efficiency. In Dover's Climate & Sustainability Technologies segment, SWEP is a manufacturer of brazed plate heat exchangers (BHPEs). BHPEs are brazed in high temperature furnaces during the manufacturing process. To remove the products, cooling towers are used to cool the furnace and contents to safe temperatures quickly and efficiently. Cooling towers traditionally use large quantities of water and are one of the biggest contributors to SWEP's water consumption. In 2022, SWEP replaced obsolete cooling towers with a new dry cooling tower. SWEP expects to see a 20% reduction in total water withdrawal at the site. In addition, the new dry cooling system is 15% more energy efficiency and eliminates the need for chemical treatment, which can affect water quality.

Estimated timeframe for realization

Current - up to 1 year

Magnitude of potential financial impact

Low-medium

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact

W6. Governance

W6.1

(W6.1) Does your organization have a water policy?

Yes, we have a documented water policy that is publicly available

W6.1a

(W6.1a) Select the options that best describe the scope and content of your water policy.

	Scope	Content	Please explain
Row 1	Company-wide	Commitments beyond regulatory compliance Other, please specify (Commitment to water-related innovation)	Dover is dependent on water throughout its business, from the continued efficient operating of our manufacturing facilities to our employees' health and wellbeing. Additionally, the suppliers of the many inputs to our business, including raw materials and other key goods and services, also depend on water. Both our Company and our Supplier Codes of Conduct require that suppliers endeavor to conserve natural resources, including water and energy, and reduce or eliminate waste and the use of hazardous substances. Furthermore, our Supplier Code of Conduct notes our expectation for suppliers to support environmental reporting by promptly responding to Dover's information requests regarding sustainability commitments and progress. Our business depends on water and therefore conservation and protection of water resources, both in our direct operations and throughout our value chain, is part of Dover's company policy, to ensure that we can continue to create economic value for shareholders and customers in a sustainable, future-oriented way. Even beyond compliance with environmental regulations, we are committed to sustainable practices that protect the long-term well-being of the environment, Dover's employees, and the communities in which we operate. Our commitment to water-related innovation is evidenced by several of our business offerings that help our customers achieve water conservation such as the EvoClean dispenser that uses 66% less water than traditional laundry dispensers.

W6.2

(W6.2) Is there board level oversight of water-related issues within your organization?

Yes

W6.2a

(W6.2a) Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for water-related issues.

Position of individual or committee	Responsibilities for water-related issues
Chief Executive Officer (CEO)	Our Board of Directors (the "Board") oversees our Environmental, Social, and Governance ("ESG") strategy and the incorporation of sustainability related risks and opportunities into its overall strategic decision-making process across all of our portfolio companies. The Board's oversight spans a wide array of ESG issues, including those related to water, climate change, health and safety, diversity and inclusion, ethics and compliance, and long-term environmental protection. Dover's CEO, who is a member of the Board, has management responsibility over ESG issues, including those related to water. As part of its continued focus on sustainability, the Board incorporates ESG oversight into our CEO's annual performance and compensation evaluation as one of the CEO's strategic objectives.

W6.2b

(W6.2b) Provide further details on the board's oversight of water-related issues.

	Frequency that water-related issues are a scheduled agenda item	Governance mechanisms into which water-related issues are integrated	Please explain
Row 1	Sporadic - as important matters arise	Overseeing acquisitions, mergers, and divestitures Reviewing and guiding annual budgets Reviewing and guiding business plans Reviewing and guiding corporate responsibility strategy Reviewing and guiding major plans of action Reviewing and guiding risk management policies Reviewing and guiding strategy Reviewing innovation/R&D priorities	Our Board oversees our ESG strategy and the incorporation of sustainability related risks and opportunities into its overall strategic decision-making process across all of our portfolio companies. The Board's oversight spans a wide array of ESG issues, including those related to climate change, water, health and safety, diversity and inclusion, ethics and compliance, and long-term environmental protection. Directors receive periodic updates on company-wide ESG performance. As part of its continued focus on sustainability, the Board incorporates ESG oversight into our CEO's annual performance and compensation evaluation as one of the CEO's strategic objectives. The Board also has established a comprehensive enterprise risk management process to identify and manage risks, including any risks related to climate and water. Our CEO developed a multi-year plan for strategic oversight of ESG matters that integrates awareness and management of material ESG risks including water related risk, opportunities, objectives, metrics, and other sustainability factors into our strategy, operations, and governance. In 2022, our CEO oversaw completion of this multi-year strategic plan, and approval of a new multi-year strategic plan for future progress. In 2020, the CEO and Board approved a sustainability materiality assessment which found Water to be a material topic for Dover and approved initial disclosure on water-related topics on Dover's sustainability webpage. In 2022, the water webpage reported water withdrawal and consumption data, water management information, and water use reduction activities.

W6.2d

(W6.2d) Does your organization have at least one board member with competence on water-related issues?

	Board member(s) have competence on water-related issues	Criteria used to assess competence of board member(s) on water-related issues	Primary reason for no board-level competence on water-related issues	Explain why your organization does not have at least one board member with competence on water-related issues and any plans to address board-level competence in the future
Row 1	Yes		<Not Applicable>	<Not Applicable>

W6.3

(W6.3) Provide the highest management-level position(s) or committee(s) with responsibility for water-related issues (do not include the names of individuals).

Name of the position(s) and/or committee(s)

Chief Executive Officer (CEO)

Water-related responsibilities of this position

Assessing water-related risks and opportunities
Managing water-related risks and opportunities

Frequency of reporting to the board on water-related issues

Annually

Please explain

Our Board oversees our ESG strategy and the incorporation of sustainability related risks and opportunities into its overall strategic decision-making process across all of our portfolio companies.

Our CEO, who is a member of the Board, has management responsibility over ESG issues, including those related to water. To help manage the ESG issues that impact our businesses, we established a cross-functional Sustainability Steering Committee comprised of Dover corporate, including the CEO, and operating company leaders to oversee our sustainability strategy, initiatives, target-setting, performance, and reporting including monitoring and reporting of Dover's water consumption. The Steering Committee also considers water- and climate-related risks. The Committee aims to meet at least quarterly.

As part of its continued focus on sustainability, the Board incorporates ESG oversight into our CEO's annual performance and compensation evaluation as one of the CEO's strategic objectives.

W6.4

(W6.4) Do you provide incentives to C-suite employees or board members for the management of water-related issues?

	Provide incentives for management of water-related issues	Comment
Row 1	Yes	The effective oversight and management of ESG matters, of which water is a material topic, is one of the CEO's strategic objectives under our Annual Incentive Plan with a weighting of 20% or 2022.

W6.4a

(W6.4a) What incentives are provided to C-suite employees or board members for the management of water-related issues (do not include the names of individuals)?

	Role(s) entitled to incentive	Performance indicator	Contribution of incentives to the achievement of your organization's water commitments	Please explain
Monetary reward	Chief Executive Officer (CEO)	Other, please specify (Management over ESG matters)	The inclusion of ESG oversight as a Strategic Objective contributes to Dover's progress on its ESG goals and strategic plan.	In 2022, Dover's CEO implemented the third and final year of a multi-year ESG strategic plan by continuing to report on material topics, including water, and progress toward public facing goals on ESG topics.
Non-monetary reward	No one is entitled to these incentives	<Not Applicable>	<Not Applicable>	We do not have non-monetary rewards for the management of water-related issues.

W6.5

(W6.5) Do you engage in activities that could either directly or indirectly influence public policy on water through any of the following?

Yes, trade associations

W6.5a

(W6.5a) What processes do you have in place to ensure that all of your direct and indirect activities seeking to influence policy are consistent with your water policy/water commitments?

Through Sustainability Steering Committee and senior management engagement with leadership across our segments and geographies, we ensure awareness and alignment with Dover's overall sustainability objectives, including water-related efforts.

W6.6

(W6.6) Did your organization include information about its response to water-related risks in its most recent mainstream financial report?

No, and we have no plans to do so

W7. Business strategy

W7.1

(W7.1) Are water-related issues integrated into any aspects of your long-term strategic business plan, and if so how?

	Are water-related issues integrated?	Long-term time horizon (years)	Please explain
Long-term business objectives	Yes, water-related issues are integrated	5-10	Our businesses invest to develop innovative products, as well as to upgrade and improve existing products to meet our customers' demand for products designed to help them meet sustainability goals, including those related to water use and discharge. The WRI Aqueduct tool and other projection models indicate that there will be increasing water risk, related to both availability and quality of water, in the medium- and long-term. We are committed to developing products to help our customers meet their sustainability goals in response to evolving regulatory and environmental standards. We believe that sustainability-driven innovation presents a significant growth opportunity while contributing positively to enhanced resource efficiency and reduced waste. Over the past several years, we have accelerated our efforts and processes around innovation, focusing on technologies that create tangible value for our customers. One example of an innovative product that saves water usage and discharge is our Hydro Systems' proportioning, dosing, and dispensing solutions that contribute to the long-term well-being of people and the environment. These products are used to accurately dilute and/or dispense concentrated cleaning chemicals so they can be safely and effectively used in commercial cleaning applications, such as food service, health care, supermarket, institutional, school, building service contractor, and industrial markets.
Strategy for achieving long-term objectives	Yes, water-related issues are integrated	5-10	Our businesses invest to develop innovative products, as well as to upgrade and improve existing products to satisfy our customers' demand for products designed to help them meet sustainability goals, including those related to water use and water discharge. We are committed to creating economic value for shareholders by developing products designed to help our customers meet their sustainability goals in response to evolving regulatory and environmental standards. We believe that sustainability-driven innovation presents a significant growth opportunity while contributing positively to the environment. Over the past several years, we have accelerated our efforts and processes around innovation, focusing on technologies that create tangible value for our customers. In 2022, we increased R&D investments to approximately \$163.3 million. For example, our JK Group's product line reduces wastewater discharge due to a new homogenization pool that can reduce pollutants in wastewater so that it is safe enough to recycle.
Financial planning	Yes, water-related issues are integrated	5-10	Our financial planning for the long-term incorporates water issues by investing in innovation and research and development to create products and services that help customers reduce their water use and protect water resources. We are committed to developing products to help our customers meet their sustainability goals in response to evolving regulatory and environmental standards. We believe that sustainability-driven innovation presents a significant growth opportunity while contributing positively to enhanced resource efficiency and reduced waste. Over the past several years, we have accelerated our efforts and processes around innovation, focusing on technologies that create tangible value for our customers. We increased R&D investments to approximately \$163.3 million in 2022, up from \$157.8 million the previous year. Operating companies in our Imaging and Identification segment have developed pigment printing solutions, which enable a waterless process for more sustainable and cost-effective printing. For example, MS Printing Solutions' JP7 digital scanning printing machine includes a zero-wastewater recirculation system which drastically reduces water consumption for our customers. Initial tests suggest that the system can provide water savings of more than 90% over the course of an hour of operation.

W7.2

(W7.2) What is the trend in your organization’s water-related capital expenditure (CAPEX) and operating expenditure (OPEX) for the reporting year, and the anticipated trend for the next reporting year?

Row 1

Water-related CAPEX (+/- % change)

0

Anticipated forward trend for CAPEX (+/- % change)

0

Water-related OPEX (+/- % change)

0

Anticipated forward trend for OPEX (+/- % change)

0

Please explain

We do not track R&D investments or CAPEX for water separately however, we continue to prioritize innovation and research and development activities, which at times relate to water-related activities. Our R&D spend was 1.9% of revenue in 2021. This is similar to our R&D spending since 2018 (+/- 0.1%) and a significant increase from 1.5% of R&D spend as a percentage of revenue in 2014.

We anticipate that our R&D spend will increase in future years and estimate a 5% increase for purposes of this disclosure.

W7.3

(W7.3) Does your organization use scenario analysis to inform its business strategy?

	Use of scenario analysis	Comment
Row 1	Yes	

W7.3a

(W7.3a) Provide details of the scenario analysis, what water-related outcomes were identified, and how they have influenced your organization’s business strategy.

	Type of scenario analysis used	Parameters, assumptions, analytical choices	Description of possible water-related outcomes	Influence on business strategy
Row 1	Climate-related		Climate-related scenario analysis identified the physical risks of hurricanes and storms causing riverine and coastal flooding. During two climate scenario analysis workshops, the Dover Sustainability Steering committee evaluated a broad range of physical and transition risks, including water-related risks such as the risk of reduced water availability resulting in operational issues at manufacturing sites and risk of riverine and coastal flooding. Each risk and opportunity was ranked for likelihood and impact to Dover’s business should the risk or opportunity occur. The top risks and opportunities were then assessed under two climate scenarios (RCP 8.5 and RCP 2.6). Water-related outcomes evaluated in the scenario analysis primarily related to riverine and coastal flooding as significant contributors to acute physical risks such as increased frequency and severity of extreme weather (flooding events, etc.) shutting down operations and risk of disruptions to critical suppliers due to extreme weather. As a global company with coastal facilities, Dover is at increased risk of these water related extreme weather events. Much of Dover’s locations in the US Gulf coast, the US Atlantic coast, and southeast Asia are at risk of hurricanes and Dover’s locations in Europe and Singapore are at increased risk of flooding.	

W7.4

(W7.4) Does your company use an internal price on water?

Row 1

Does your company use an internal price on water?

No, and we do not anticipate doing so within the next two years

Please explain

We do not anticipate implementing an internal price on water in the next two years.

W7.5

(W7.5) Do you classify any of your current products and/or services as low water impact?

	Products and/or services classified as low water impact	Definition used to classify low water impact	Primary reason for not classifying any of your current products and/or services as low water impact	Please explain
Row 1	Yes	Innovation yields an expected 30% or greater improvement upon a previous generation of products or peer offering meeting one or more of these criteria: Customer material use Customer chemical use	<Not Applicable>	We are committed to creating long-term economic value by developing products that are designed to help our customers meet their sustainability goals, run their operations more efficiently, and satisfy evolving regulatory and environmental standards. This includes developing low water impact products. For example, MS Printing Solutions' LaRio single-pass digital textile printer has water use of only 2.67L/kg of processed material, which is over 90% less than the 100L/kg in traditional textile finishing.

W8. Targets

W8.1

(W8.1) Do you have any water-related targets?

Yes

W8.1a

(W8.1a) Indicate whether you have targets relating to water pollution, water withdrawals, WASH, or other water-related categories.

	Target set in this category	Please explain
Water pollution	No, and we do not plan to within the next two years	
Water withdrawals	No, and we do not plan to within the next two years	
Water, Sanitation, and Hygiene (WASH) services	No, and we do not plan to within the next two years	
Other	Yes	<Not Applicable>

W8.1b

(W8.1b) Provide details of your water-related targets and the progress made.

Target reference number

Target 1

Category of target

Water consumption

Target coverage

Business division

Quantitative metric

Reduction in total water consumption

Year target was set

2019

Base year

2019

Base year figure

100

Target year

2030

Target year figure

50

Reporting year figure

47

% of target achieved relative to base year

106

Target status in reporting year

Underway

Please explain

In Dover's Imaging & Identifications segment, Markem-Imaje targets a 50% improvement in water consumption by 2030 from a 2019 baseline by refining processes and tracking losses. In 2022, the operating company reported a 53% improvement in water consumption from a 2019 baseline, as a result of improving manufacturing process and managing water discharges.

Dover does not currently have a corporate-wide water-related target. However, several of our operating companies are certified to ISO 14001, which requires setting goals for resource efficiency, including water.

W9. Verification

W9.1

(W9.1) Do you verify any other water information reported in your CDP disclosure (not already covered by W5.1a)?

No, we do not currently verify any other water information reported in our CDP disclosure

W10. Plastics

W10.1

(W10.1) Have you mapped where in your value chain plastics are used and/or produced?

	Plastics mapping	Value chain stage	Please explain
Row 1	Not mapped – and we do not plan to within the next two years	<Not Applicable>	

W10.2

(W10.2) Across your value chain, have you assessed the potential environmental and human health impacts of your use and/or production of plastics?

	Impact assessment	Value chain stage	Please explain
Row 1	Not assessed – and we do not plan to within the next two years	<Not Applicable>	

W10.3

(W10.3) Across your value chain, are you exposed to plastics-related risks with the potential to have a substantive financial or strategic impact on your business? If so, provide details.

	Risk exposure	Value chain of stage	Type of risk	Please explain
Row 1	No, risks assessed, and none considered as substantive	<Not Applicable>	<Not Applicable>	In 2021, we conducted a detailed climate risk assessment process during which members of the Sustainability Steering Committee (SSC) analyzed a broad range of climate-related risks and opportunities to Dover Corporation and all our operating companies. The process began with an initial workshop to provide background on climate risk and opportunity assessments to those in the SSC new to climate risk analysis. The group then prioritized a broad universe of existing and emerging climate-related risks and opportunities based on criteria such as impact, likelihood, materiality to Dover, and level of stakeholder concerns. Plastics-related risks were not prioritized in Dover's 2021 climate-related risk assessment but Dover plans to conduct another assessment in 2024 and will report on plastics-related risks if they are prioritized.

W10.4

(W10.4) Do you have plastics-related targets, and if so what type?

	Targets in place	Target type	Target metric	Please explain
Row 1	No – and we do not plan to within the next two years	<Not Applicable>	<Not Applicable>	Dover does not currently have a plastics-related target. However, responsible waste management is part of our commitment to reducing our environmental impact, and we are pursuing efforts to minimize production of waste, including plastics, in upstream and downstream waste production associated with the sourcing and use of our products. Although Dover does not currently have a corporate-wide waste-related target, several of our operating are certified to ISO 14001, which requires setting goals for resource efficiency, including waste. In Dover's Imaging & Identifications segment, Markem-Imaje targets a 10% improvement in waste production by 2030 from a 2019 baseline by improving processes and practices in waste management. Dover's operating companies also help our customers address their goals concerning waste, including plastics, by enabling the circular economy through product innovation. For example, in Dover's Pumps & Process Solutions segment, MAAG Group's filtration technologies remove contaminants from plastic materials streams, enabling recycling of these materials.

W10.5

(W10.5) Indicate whether your organization engages in the following activities.

	Activity applies	Comment
Production of plastic polymers	Please select	
Production of durable plastic components	Please select	
Production / commercialization of durable plastic goods (including mixed materials)	Please select	
Production / commercialization of plastic packaging	Please select	
Production of goods packaged in plastics	Please select	
Provision / commercialization of services or goods that use plastic packaging (e.g., retail and food services)	Please select	

W11. Sign off

W-FI

(W-FI) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.

W11.1

(W11.1) Provide details for the person that has signed off (approved) your CDP water response.

	Job title	Corresponding job category
Row 1	Chief Executive Officer (CEO)	Chief Executive Officer (CEO)

SW. Supply chain module

SW0.1

(SW0.1) What is your organization's annual revenue for the reporting period?

	Annual revenue
Row 1	8508088000

SW1.1

(SW1.1) Could any of your facilities reported in W5.1 have an impact on a requesting CDP supply chain member?

No facilities were reported in W5.1

SW1.2

(SW1.2) Are you able to provide geolocation data for your facilities?

	Are you able to provide geolocation data for your facilities?	Comment
Row 1	Please select	

SW2.1

(SW2.1) Please propose any mutually beneficial water-related projects you could collaborate on with specific CDP supply chain members.

SW2.2

(SW2.2) Have any water projects been implemented due to CDP supply chain member engagement?

No

SW3.1

(SW3.1) Provide any available water intensity values for your organization's products or services.

Product name

Water intensity value

Numerator: Water aspect

Please select

Denominator

Comment

Submit your response

In which language are you submitting your response?

English

Please confirm how your response should be handled by CDP

	I understand that my response will be shared with all requesting stakeholders	Response permission
Please select your submission options	Yes	Public

Please indicate your consent for CDP to share contact details with the Pacific Institute to support content for its Water Action Hub website.

Yes, CDP may share our Main User contact details with the Pacific Institute

Please confirm below

I have read and accept the applicable Terms