

W0. Introduction

W0.1

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

Corning Incorporated, hereinafter referred to as "Corning," traces its origins to a glass business established in 1851. The present corporation was incorporated in New York state in December 1936. The company's name was changed from Corning Glass Works to Corning Incorporated on April 28, 1989. Corning is a leading innovator in materials science. For over 170 years, Corning has combined its unparalleled expertise in glass science, ceramic science, and optical physics with deep manufacturing and engineering capabilities to develop category-defining products that transform industries and enhance people's lives. We succeed through sustained investment in research and development, a unique combination of material and process innovation, and deep, trust-based relationships with customers who are global leaders in their industries. Corning's capabilities are versatile and synergistic, allowing the company to evolve to meet changing market needs, while also helping our customers capture new opportunities in dynamic industries. Today, Corning's markets include optical communications, mobile consumer electronics, display, automotive, and life sciences. Corning's industry-leading products include damage-resistant cover glass for mobile devices; precision glass for advanced displays; optical fiber, wireless technologies, and connectivity solutions for state-of-the-art communications networks; trusted products to accelerate drug discovery and delivery; and clean-air technologies for cars and trucks. Corning operates in five reportable segments: Display Technologies, Optical Communications, Environmental Technologies, Specialty Materials and Life Sciences and manufactures products at 119 plants in 15 countries and regions.

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 2021	December 31 2021

W0.3

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

- Brazil
- China
- Denmark
- France
- Germany
- India
- Israel
- Italy
- Japan
- Mexico
- Netherlands
- Poland
- Republic of Korea
- South Africa
- Taiwan, China
- Turkey
- 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?

Yes

W0.6a

(W0.6a) Please report the exclusions.

Exclusion	Please explain
Select warehouses	Select warehouses are excluded because they are not currently required to provide water information to Corning's EHS Management Information System.
Select contract manufacturers	All contract manufacturers are excluded because they are not currently required to provide water information to Corning's EHS Management Information System.
Sales offices and small administrative offices	Select sales offices and small administrative offices are excluded where water use is minimal and they are not currently required to provide water information to Corning's EHS Management Information System. Office spaces are predominantly leased with water provided through the lease and managed by a landlord.

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	GLW

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	Vital	Important	<p>Although Corning promotes measures to reduce water usage and wastewater generation, certain Corning manufacturing sites require access to sufficient amounts of good quality freshwater for industrial water use. The selected rating is considered "vital" because access to freshwater is vital to our direct manufacturing and facilities operations. Lack of freshwater access, or unplanned outages, could have an impact on our operations, limit our ability to supply products to our customers and potentially impact WASH (water and sanitation services) to Corning's employees. The selected rating for indirect use is considered "important", as our own value chain requires the use of freshwater in their own production and services.</p> <p>The primary use of freshwater at Corning in our own manufacturing sites is two-fold, integral to select manufacturing sites for production and necessary for all sites' facilities management and WASH services. The primary use of freshwater at Corning in our indirect operations is through our value chain, which uses freshwater in their own manufacturing processes and services. As outlined on Corning's Supply Chain Visibility page, within our indirect operations, we track suppliers' risk based on numerous risk areas, including environmental risk that includes water scarcity indicators.</p> <p>Corning plans for business growth in the coming years, implying an increase in overall freshwater dependency in our direct and indirect operations. Corning plans to continue to identify and implement water reduction projects in our direct operations, which could offset increased future dependency. Examples of these projects include enhanced stormwater and wastewater infrastructure to further reduce demand on freshwater resources.</p>
Sufficient amounts of recycled, brackish and/or produced water available for use	Important	Important	<p>Certain Corning facilities recycle industrial wastewater for use in their manufacturing process. Therefore, sufficient amounts of recycled water are important to the operations at these sites. Corning plans for business growth in the coming years, implying an increase in future dependency for recycled water in our direct operations. Corning plans to continue to identify and implement water-use reduction projects in our direct operations, which could offset the increased future dependency.</p> <p>"Important" was selected for indirect importance rating for sufficient amounts of recycled, brackish and/or produced water available for use. Corning expects our suppliers to adhere to our Supplier Code of Conduct, which has a dedicated section for water management. We expect our suppliers to "implement a water management program that documents, characterizes, and monitors water sources, use and discharge; seeks opportunities to conserve water; and controls channels of contamination. All wastewater is to be characterized, monitored, controlled, and treated as required prior to discharge or disposal. Suppliers shall conduct routine monitoring of the performance of its wastewater treatment and containment systems to ensure optimal performance and regulatory compliance." Specifically, Corning expects that there will be an increase in recycled water importance as water conservation efforts become more prevalent.</p>

W1.2

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

	% of sites/facilities/operations	Please explain
Water withdrawals – total volumes	100%	Corning tracks environmental data, including water withdrawal, using our EHS Management Information System. Water withdrawal is reported and reviewed monthly at the facility level, including some corporate offices. Some corporate office sites, test sites, and warehouses may be excluded due to leasing agreements, where the lessor manages water withdrawal. Contract manufacturers have also been excluded. Withdrawal values are aggregated at the corporate level and used to assess year-over-year water-use patterns. Two types of instruments are most commonly used to compute pumped and withdrawn volumes: elapsed time meters and totalizing meters. Some sites may use standard estimations to calculate water volumes.
Water withdrawals – volumes by source	100%	Corning tracks environmental data, including water withdrawal, by water source using our online EHS Management Information System. Water withdrawal by source is reported and reviewed monthly at the facility level indicating whether the water is from groundwater, surface water, or from the public supply. Some office sites track water by withdrawal source, including groundwater, surface water or from the public supply; however, some leased sites' water withdrawal tracking is handled by lessor. Water withdrawal values are aggregated at the corporate level and used to assess year-over-year water-use patterns. Two types of instruments are most commonly used to compute pumped and withdrawn volumes: elapsed time meters and totalizing meters. Some sites may use standard estimations to calculate water volumes.
Entrained water associated with your metals & mining sector activities - total volumes [only metals and mining sector]	<Not Applicable>	<Not Applicable>
Produced water associated with your oil & gas sector activities - total volumes [only oil and gas sector]	<Not Applicable>	<Not Applicable>
Water withdrawals quality	100%	The majority of Corning manufacturing facilities use the public water supply in their operations. Therefore, the quality of the water is generally available from the water supplier monthly, quarterly, or annually (or at another pre-defined times). Certain facilities that use groundwater may conduct analyses to ensure an appropriate quality of water is maintained. These analyses are done as frequently as required by the regulatory requirements, which vary by location (e.g., monthly, annually, etc.).
Water discharges – total volumes	100%	Corning tracks environmental data, including water discharge volume, using our EHS Management Information System. Water discharge volume is reported and reviewed monthly at the facility level. Water discharge volume values are aggregated at the corporate level and used to assess year-over-year water discharge patterns. Two types of instruments are most commonly used to compute water discharge volumes: elapsed time meters and totalizing meters. Some sites may use standard estimations to calculate discharge volume.
Water discharges – volumes by destination	100%	Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. All other discharge locations, including storm water and surface water, are tracked locally at the site level. Wastewater may be broken up into categories by sites, including process, cooling and sanitary wastewater. Individual sites track discharges to all other discharge destinations as required by local regulations. Water discharge volume to municipal sanitary sewer is tracked using our EHS Management Information System. Water discharge volume values are aggregated at the corporate level annually and used to assess year over year water discharge patterns. Two types of instruments are most commonly used to compute water discharge volumes: elapsed time meters and totalizing meters. Some sites may use standard estimations to calculate discharge volume.
Water discharges – volumes by treatment method	Not monitored	Currently, Corning does not track water discharges by treatment method at a corporate level in our EHS Management Information System. Water discharge volume by treatment level is measured locally at the site level.
Water discharge quality – by standard effluent parameters	100%	Water discharge quality is monitored at the local facility level to ensure compliance with regulatory requirements. Each site is responsible for monitoring the effluent parameters required by its permit or regulatory requirements. Monitoring frequency may vary by permit either on a monthly, quarterly, or semi-annual basis and is handled by location. Effluent parameters also vary by permit and are handled by location.
Water discharge quality – temperature	100%	Regarding water discharge quality, the temperature is monitored at the local facility level to ensure compliance with regulatory requirements for this parameter, if required. Each site is responsible for monitoring the effluent parameters required by its permit or regulatory requirements. The frequency of monitoring of temperature will vary based upon the facility-specific permit or regulatory requirements (e.g., monthly, annually, etc.).
Water consumption – total volume	100%	Corning tracks environmental data, including monthly water withdrawal and water consumption, using our EHS Management Information System. Water consumption equals water withdrawal less water discharged.
Water recycled/reused	76-99	Corning tracks environmental data, including water recycled/reused using our EHS Management Information System, and the data is reviewed on a monthly basis. Certain Corning manufacturing facilities recycle/reuse their industrial wastewater in the manufacturing process. At each manufacturing facility, Corning maintains a GEM team focused on water-use reduction opportunities that are eligible for corporate funding.
The provision of fully-functioning, safely managed WASH services to all workers	100%	Corning provides access to clean water supply and adequate sanitation and hygiene (WASH) for all employees in accordance with our Environmental, Health, and Safety Standards. Corning conducts EHS compliance audits on a regular basis, which includes assessment of WASH services. The majority of Corning manufacturing facilities use the public water supply in their operations. Therefore, the quality of the water is generally available from the water supplier annually. Certain facilities that use groundwater may conduct analyses to ensure an appropriate quality of water is maintained. These analyses are done as frequently as required by the state and local regulatory requirements, which may vary (e.g., monthly, annually, etc.).

W1.2b

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

	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Total withdrawals	18402	Higher	<p>From 2020 to 2021, our total water withdrawals increased by 17.3% from 15,693 megaliters in 2020 to 18,402 megaliters in 2021, mainly driven by a return of production after Covid-19 slowdowns, as well as an acquisition. The water withdrawal increase can also be partially attributed to a 24.6% year-over-year increase in revenue sales. Water withdrawal has been partially offset by continued water efficiency and conservation projects at the site level. Corning considers any percent increase greater than 20% as much higher and any percent increase greater than 5% as 'higher' and any change between 0-5% is considered 'about the same'. These threshold amounts are consistent with industry disclosure benchmarking.</p> <p>Withdrawal volume has increased from 2020 to 2021 due to increased production, three new sites reporting water withdrawal and acquisitions. Corning will strive for continued focus on water conservation projects to offset production related water withdrawals. Examples of these water conservation projects are the implementation of a water recycling program at our Wilmington, North Carolina site and installing rain harvesting system at our Port Elizabeth, South Africa site. Both of these projects serve to reduce withdrawal volumes from groundwater and third party sources in water-stressed river basins.</p>
Total discharges	14724	Much higher	<p>From 2020 to 2021, our total water discharge increased alongside increased water withdrawals, increasing from 12,266 megaliters in 2020 to 14,724 megaliters in 2021, an increase of 20%. This can be attributed to an increase in withdrawal. This increase is also driven by an acquisition. Corning considers any percent increase greater than 20% as 'much higher' and any percent increase greater than 5% as 'higher' total volume and any change between 0-5% is considered 'about the same'. These threshold amounts are consistent with industry disclosure benchmarking.</p>
Total consumption	3678	Higher	<p>From 2020 to 2021, our total water consumption volume increased by 7.3%, from 3,427 megaliters in 2020 to 3,678 megaliters in 2021. This can be attributed to higher total withdrawals that were not offset by our higher total discharges resulting in increased water consumption. This increase is also driven by acquisitions. Corning considers any percent increase greater than 20% as much higher volume of total consumption, any percent increase greater than 5% as 'higher' total volume, and any change between 0-5% is considered 'about the same'. These threshold amounts are consistent with industry disclosure benchmarking.</p>

W1.2d

(W1.2d) Indicate whether water is withdrawn from areas with water stress and provide the proportion.

	Withdrawals are from areas with water stress	% withdrawn from areas with water stress	Comparison with previous reporting year	Identification tool	Please explain
Row 1	Yes	1-10	About the same	WRI Aqueduct	<p>WRI Aqueduct was chosen due to its robust data and peer-reviewed data map. Corning utilized WRI Aqueduct latest iteration, Aqueduct 3.0, to evaluate water stress across all manufacturing locations, excluding non-manufacturing locations. Site location coordinates were entered into the tool to provide the most accurate assessment of water stressed locations. Corning facilities withdrawal water near or at site locations, and thus data is based on the location of these facilities. This tool has been integrated into our EHS Management Information System for user knowledge. We categorize areas through WRI's categories of "Extremely High" and "High" baseline water stress.</p>

W1.2h

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

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Fresh surface water, including rainwater, water from wetlands, rivers, and lakes	Relevant	45	Higher	<p>From 2020 to 2021, there was an increase in surface water withdrawal from 39 megaliters to 45 megaliter or an increase of 15.4%. This can be attributed to the increase in overall water withdrawal in 2021 from 2020. Increased volume from freshwater sources can be attributed to return in production from Covid-related production slowdowns in 2020. Corning considers any percent increase greater than 20% as much higher and any percent increase greater than 5% as 'higher' and any change between 0-5% is considered 'about the same'. These threshold amounts are consistent with industry disclosure benchmarking. Surface water withdrawal remain at less than 1% of Corning's total water withdrawals.</p>
Brackish surface water/Seawater	Not relevant	<Not Applicable>	<Not Applicable>	<p>Brackish surface water/seawater is considered "not relevant" as Corning does not withdraw any amount from this source for use in our operations.</p>
Groundwater – renewable	Relevant	4851	About the same	<p>From 2020 to 2021, water withdrawals remained about the same in renewable groundwater withdrawals, from 5,052 megaliters to 4,851 megaliters, a 4.1% decrease. Groundwater withdrawal remained largely unchanged from 2020 to 2021 as the principal source of water for our operations is derived from third party sources. Corning considers any percent increase greater than 20% as much higher and any percent increase greater than 5% as 'higher' and any change between 0-5% is considered 'about the same'. These threshold amounts are consistent with industry disclosure benchmarking. Corning has not yet evaluated renewable versus non-renewable groundwater resources and assumes that all groundwater withdrawals come from renewable sources.</p>
Groundwater – non-renewable	Not relevant	<Not Applicable>	<Not Applicable>	<p>Non-renewable groundwater is considered "not relevant" as Corning has not yet evaluated renewable versus non-renewable groundwater resources and assumes all groundwater withdrawn comes from renewable sources. Using this assumption, Corning does not withdraw any amount from non-renewable groundwater sources for use in our operations.</p>
Produced/Entrained water	Not relevant	<Not Applicable>	<Not Applicable>	<p>Produced/Entrained water is considered "not relevant" as Corning does not utilize any amount of this source in our operations.</p>
Third party sources	Relevant	13506	Much higher	<p>From 2020 to 2021 there was an increase in water withdrawal from third-party sources from 10,603 megaliters to 13,506 megaliters, or a 27.4% increase. This increase is driven, in part, by the inclusion of an acquisition's water data from third-party sources. This increase can also be attributed to return in production from Covid-related production slowdowns in 2020 and with the addition of three new reporting sites in 2021. Corning considers any percent increase greater than 20% as much higher and any percent increase greater than 5% as 'higher' and any change between 0-5% is considered 'about the same'. These threshold amounts are consistent with industry disclosure benchmarking.</p>

W1.2i

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

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Fresh surface water	Relevant but volume unknown	<Not Applicable>	<Not Applicable>	Corning tracks environmental data, including water discharge volumes using our EHS Management Information System. Water discharge volume is reported and reviewed monthly at the facility level. Water discharge volume values are aggregated at the corporate level and used to assess year over year water discharge volume patterns. Some of our facilities discharge storm water, cooling water, and treated industrial wastewater to fresh surface water bodies, such as rivers and streams.
Brackish surface water/seawater	Not relevant	<Not Applicable>	<Not Applicable>	Currently, Corning does not track the volume of water discharged to brackish surface water or seawater destinations.
Groundwater	Not relevant	<Not Applicable>	<Not Applicable>	Currently, Corning does not discharge to groundwater destinations.
Third-party destinations	Relevant but volume unknown	<Not Applicable>	<Not Applicable>	Corning tracks environmental data, including water discharge volumes using our EHS Management Information System. Water discharge volume is reported and reviewed monthly at the facility level. Water discharge volume values are aggregated at the corporate level and used to assess year over year water discharge volume patterns. We also track types of water use using our online EHS Management Information System. The water discharged to third-party destinations is a result of water used for sanitary, cooling, or process water purposes.

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	1408200000	18402	765242.908379524	Corning revenue comes from Corning's annual reports from corning.com. Corning expects that water efficiency number to improve in the future, with expected growth and increased water conservation, efficiency projects, and increased tracking. (e.g., stormwater and wastewater recycling and reuse).

W1.4

(W1.4) Do you engage with your value chain on water-related issues?

- Yes, our suppliers
- Yes, our customers or other value chain partners

W1.4a

(W1.4a) What proportion of suppliers do you request to report on their water use, risks and/or management information and what proportion of your procurement spend does this represent?

Row 1

% of suppliers by number
1-25

% of total procurement spend
1-25

Rationale for this coverage

The rationale for this level of coverage is to monitor 100% of our high-risk suppliers, expanding this to medium risk suppliers. These suppliers are identified through a matrix that is designed to determine the risk of human rights violations in supply chains; however, the audit standard goes beyond social responsibility to cover areas of ethics, safety and environmental management, including water management (e.g., access to WASH services and adequate water controls).

The noted coverage is focused on our high-risk suppliers that receive an on-site third-party audit. On-site Corporate Social Responsibility audits are conducted against Responsible Business Alliance (RBA) standards, including water management under the environment section.

Impact of the engagement and measures of success

Corning has a goal to certify 100% of our high risk and contract manufacturers as socially responsible, which includes socially and environmental responsible, by 2025. Currently, 62.5% of spend with high-risk suppliers is certified as socially responsible.

Regarding beneficial outcomes, the RBA standard evaluates for water management practices. If a non-conformance is present, a corrective action plan is developed on identified non-conformances and action plans are created to ensure the supplier updates their practices to be within compliance under a defined timeframe.

Examples of benefits are increased employee access to WASH services and ensuring that there are adequate controls and processes in place to protect water resources.

Comment

W1.4b

(W1.4b) Provide details of any other water-related supplier engagement activity.

Type of engagement

Onboarding & compliance

Details of engagement

Requirement to adhere to our code of conduct regarding water stewardship and management

Other, please specify (Suppliers are required as part of the sourcing supply chain visibility and compliance strategy to provide information on water and emissions management activities)

% of suppliers by number

76-100

% of total procurement spend

76-100

Rationale for the coverage of your engagement

The rationale for engaging all suppliers on Corning's Supplier Code of Conduct is to ensure that our supply base meets and exceeds customer expectations, relative to performance, social responsibility and risk management.

76-100% was chosen for both percentage of suppliers and procurement spend as Corning's Supplier Responsibility Page outlines that Corning expects all suppliers to follow the same principles and laws that we do regarding fair treatment of workers, providing a safe and healthy work environment, and operating in an environmentally responsible manner, which includes a section on water management. This section requires suppliers to "have a water management program that documents, characterizes and monitors water sources, use and discharge; seeks opportunities to conserve water; and controls channels of contamination. All wastewater is to be characterized, monitored, controlled and treated as required prior to discharge or disposal. Suppliers shall conduct routine monitoring of the performance of its wastewater treatment and containment systems to ensure optimal performance and regulatory compliance." Corning relies on a vast supplier network to support our manufacturing facilities and expects that all suppliers (as well as their respective employees, subcontractors and suppliers) comply with Corning's Supplier Code of Conduct.

In addition, Corning's Supply Chain Accountability page outlines how new suppliers are required to be approved by supply management professionals through a standard global process for supplier onboarding. Suppliers are required to answer a questionnaire which provides additional information on any applicable water management program.

Impact of the engagement and measures of success

The beneficial outcome of requiring suppliers to adhere to the Corning Supplier Code of Conduct, which outlines water management practices, is that Corning ensures our supply base meets and exceeds internal and external customer expectations relative to performance, social responsibility and risk management.

Comment

W1.4c

(W1.4c) What is your organization's rationale and strategy for prioritizing engagements with customers or other partners in its value chain?

Corning's method for engaging with customers is by responding to water-related questions in ESG questionnaires, responding to the CDP Water Security Questionnaire as requested by our customers, and by publishing more water-related information in our 2021 Corning Sustainability Report. Corning's rationale for engagement is that customers and partners within the value chain continually want to work with suppliers that are focused on sustainable resource use. Corning anticipates that further engagement with customers on climate-related issues will lead to engagement on water conservation. Engagement success is measured by any feedback received from customers or partners on the information provided, and by our customer's continued relationship with Corning as a sustainable supplier.

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?

Yes, fines, enforcement orders or other penalties but none that are considered as significant

W2.2a

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

Row 1

Total number of fines

0

Total value of fines

0

% of total facilities/operations associated

1

Number of fines compared to previous reporting year

About the same

Comment

Corning did experience one water-related issue for one site where a regulatory agency was involved, which is about the same as compared to 2020. However, this issue was deemed insignificant and did not result in a fine.

W3. Procedures

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

Every two years

How far into the future are risks considered?

3 to 6 years

Type of tools and methods used

Tools on the market

Enterprise risk management

Other

Tools and methods used

WRI Aqueduct

External consultants

Other, please specify (ISO 14001 environmental management standard)

Contextual issues considered

Water availability at a basin/catchment level

Water quality at a basin/catchment level

Stakeholder conflicts concerning water resources 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

Local communities

NGOs

Regulators

Suppliers

Water utilities at a local level

Other water users at the basin/catchment level

Other, please specify (River Basin Management Authorities and Statutory Special Interest Groups at a local level. Corning considers other stakeholders in water-related risk assessments as they are identified.)

Comment

Corning has implemented a sustainability materiality assessment that takes into account not only the sustainability risks and opportunities to Corning in our direct operations, but also within our supply chain and our extended value chain. We have used external consultant assistance with our assessment and have also used the WRI Aqueduct tool to determine which of our operations are located in water stressed areas in completing our assessment and setting sustainability goals. From the 2021 Sustainability Report, our current public sustainability goal for water is to enhance our water strategies across Corning sites, prioritizing manufacturing plants and communities in high-risk water-scarce regions, by 2025. In addition, all Corning manufacturing sites are ISO 14001 certified, utilizing environmental management systems to track water withdrawal, discharges, and consumption and to identify ways to improve water efficiency and quality. Furthermore, Corning's (Enterprise Risk Management) ERM process identifies, assesses, and manages water-related risk across Corning's value chain, including our direct operations.

Value chain stage

Supply chain

Coverage

Partial

Risk assessment procedure

Water risks are assessed as part of an established enterprise risk management framework

Frequency of assessment

Annually

How far into the future are risks considered?

1 to 3 years

Type of tools and methods used

Tools on the market

Enterprise risk management

Other

Tools and methods used

WRI Aqueduct

Other, please specify (Supply Risk Management Tool)

Contextual issues considered

Water availability at a basin/catchment level

Implications of water on your key commodities/raw materials

Stakeholders considered

Suppliers

Comment

In addition, outlined on Corning's Supply Chain Visibility webpage, we have integrated the WRI Aqueduct Risk Atlas Tool information into a supply risk management (SRM) tool. This provides information about suppliers' locations that are located in high-risk water-scarce regions. The SRM tool enables Corning to monitor real-time water risks across our direct operations, supplier locations and our supply chains. The SRM tool covers 90% of Corning's tier 1 supply chain spend. Corning's Enterprise Risk Management (ERM) process identifies, assesses, and manages water-related risk across Corning's value chain, including suppliers.

Value chain stage

Other stages of the value chain

Coverage

Partial

Risk assessment procedure

Water risks are assessed as part of an established enterprise risk management framework

Frequency of assessment

Annually

How far into the future are risks considered?

3 to 6 years

Type of tools and methods used

Tools on the market

Enterprise risk management

Tools and methods used

WRI Aqueduct

Other, please specify (Supply risk management tool)

Contextual issues considered

Water availability at a basin/catchment level

Implications of water on your key commodities/raw materials

Stakeholders considered

Customers

Suppliers

Comment

Corning's Enterprise Risk Management (ERM) process identifies, assesses, and manages water-related risk across Corning's value chain, and a review is conducted annually. Other tools, like the SRM tool provide visibility into supply chains, including logistics providers and logistical routes.

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.

Corning uses several tools to manage our water data and assess our impacts at the corporate and facility levels. All Corning manufacturing sites are certified to ISO 14001:2015 and use environmental management systems to track water withdrawal, discharges, and consumption, and to identify ways to improve water efficiency and quality. We aggregate at the corporate level the volume of all water we discharge to municipal sanitary systems to assess year-over-year water-use patterns. Individual sites track discharges to other destinations and to other discharge quality, as required by local regulations. Where possible, we recycle industrial wastewater for use in our manufacturing process. Corning classifies water-risk at the individual site level, by reviewing each specific location against the WRI Aqueduct Risk Atlas tool.

In addition, a portion of Corning’s supply base are monitored through a supply risk management tool, which has had data from the WRI Aqueduct Risk Atlas tool to evaluate water-stress and scarcity. Corning tracks 90% of supply chain spend, represented by approximately 2,000 suppliers with more than 9,000 locations. We are in the process of expanding supplier tracking within risk methods to include sub-tier suppliers. These sub-tier suppliers are identified in part by our tier 1 supplier relationship owners as critical suppliers of materials and components in our supply chain. The supplier risk tool tracks a number of other environmental indicators, of which water risks are considered. As the supply chain is monitored, high-risk situations are flagged and delivered to qualified and designated risk managers in real time. The outcomes of these risk assessments provide insight that is used to guide the internal decision-making process. This insight enables us to proactively manage potentially high-risk situations and quickly create risk-mitigation plans to minimize, and ideally avoid, the exposure.

Finally, Corning also identifies, assesses, and manages water risks across its value chain through its Enterprise Risk Management (ERM) process. Identified risks, including water-related risks, are evaluated in a companywide, multidisciplinary effort. Risks are then assessed through analysis of many factors, such as probability and impact of risks, velocity of onset, risk response, and risk response effectiveness. Following identification and assessment of climate-related risks, the top water risks are added to Corning’s ERM process. The director of Enterprise Risk Management, in close alignment with the director of Sustainability, oversees the water risks in the ERM process. To most effectively allocate responsibility, the process ensures each risk has an owner. The owner manages the specific risk leveraging the company’s ERM, sustainability, and project-management resources and experiences. Involvement and alignment with the company’s broader risk-management resources ensure water risks are being appropriately 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?

Yes, only within our direct operations

W4.1a

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

Corning operates in rapidly changing economic, political, and technological environments that present numerous risks. Our operations and financial results are subject to risks and uncertainties that could adversely affect our business, financial condition, results of operations, cash flows, and our ability to successfully execute our Strategy & Growth Framework.

Corning’s Enterprise Risk Management (ERM) process is central to determining which risks and/or opportunities could have a substantive strategic or financial impact on our business. It includes an analysis of many factors that include probability and impact of risks, velocity of onset, risk response, and effectiveness, as well as other factors. Identified risks, including climate-related risks, are evaluated in a companywide, multidisciplinary effort.

We have not estimated the financial impact of this risk, but we do not believe that the risk will have a material impact on our financial statements as 'material' is defined for the purposes of our 10K reporting. If realized, the risk may require us to change our operations in ways that impact our strategies.

W4.1b

(W4.1b) What is the total number of facilities exposed to water risks with the potential to have a substantive financial or strategic impact on your business, and what proportion of your company-wide facilities does this represent?

	Total number of facilities exposed to water risk	% company-wide facilities this represents	Comment
Row 1	22	1-25	Through the use of the World Resources Institute’s Aqueduct Water Risk Atlas tool, we have identified that 22 of our manufacturing facilities are located in an area with high or extremely high water stress. Corning previously reported 17 sites under high or extremely high water stress, which has been revised to 22 after a 2021 site re-assessment against the Aqueduct Water Risk Atlas tool. This assessment is completed annually, in alignment with the CDP reporting cycle.

W4.1c

(W4.1c) By river basin, what is the number and proportion of facilities exposed to water risks that could have a substantive financial or strategic impact on your business, and what is the potential business impact associated with those facilities?

Country/Area & River basin

China	Other, please specify (Ziya He)
-------	---------------------------------

Number of facilities exposed to water risk

1

% company-wide facilities this represents

Less than 1%

Production value for the metals & mining activities associated with these facilities

<Not Applicable>

% company's annual electricity generation that could be affected by these facilities

<Not Applicable>

% company's global oil & gas production volume that could be affected by these facilities

<Not Applicable>

% company's total global revenue that could be affected

Unknown

Comment

Country/Area & River basin

Mexico	Bravo
--------	-------

Number of facilities exposed to water risk

7

% company-wide facilities this represents

1-25

Production value for the metals & mining activities associated with these facilities

<Not Applicable>

% company's annual electricity generation that could be affected by these facilities

<Not Applicable>

% company's global oil & gas production volume that could be affected by these facilities

<Not Applicable>

% company's total global revenue that could be affected

Unknown

Comment

Country/Area & River basin

China	Other, please specify (Luke Tail Hu)
-------	--------------------------------------

Number of facilities exposed to water risk

3

% company-wide facilities this represents

1-25

Production value for the metals & mining activities associated with these facilities

<Not Applicable>

% company's annual electricity generation that could be affected by these facilities

<Not Applicable>

% company's global oil & gas production volume that could be affected by these facilities

<Not Applicable>

% company's total global revenue that could be affected

Unknown

Comment

Country/Area & River basin

United States of America	Cape Fear River
--------------------------	-----------------

Number of facilities exposed to water risk

1

% company-wide facilities this represents

Less than 1%

Production value for the metals & mining activities associated with these facilities

<Not Applicable>

% company's annual electricity generation that could be affected by these facilities

<Not Applicable>

% company's global oil & gas production volume that could be affected by these facilities

<Not Applicable>

% company's total global revenue that could be affected

Unknown

Comment

Country/Area & River basin

France	Seine
--------	-------

Number of facilities exposed to water risk

2

% company-wide facilities this represents

1-25

Production value for the metals & mining activities associated with these facilities

<Not Applicable>

% company's annual electricity generation that could be affected by these facilities

<Not Applicable>

% company's global oil & gas production volume that could be affected by these facilities

<Not Applicable>

% company's total global revenue that could be affected

Unknown

Comment

Country/Area & River basin

United States of America	Colorado River (Pacific Ocean)
--------------------------	--------------------------------

Number of facilities exposed to water risk

1

% company-wide facilities this represents

Less than 1%

Production value for the metals & mining activities associated with these facilities

<Not Applicable>

% company's annual electricity generation that could be affected by these facilities

<Not Applicable>

% company's global oil & gas production volume that could be affected by these facilities

<Not Applicable>

% company's total global revenue that could be affected

Unknown

Comment

Country/Area & River basin

United States of America	Trinity River (Texas)
--------------------------	-----------------------

Number of facilities exposed to water risk

1

% company-wide facilities this represents

Less than 1%

Production value for the metals & mining activities associated with these facilities

<Not Applicable>

% company's annual electricity generation that could be affected by these facilities

<Not Applicable>

% company's global oil & gas production volume that could be affected by these facilities

<Not Applicable>

% company's total global revenue that could be affected

Unknown

Comment

Country/Area & River basin

France	Other, please specify (Scheldt/Leie)
--------	--------------------------------------

Number of facilities exposed to water risk

1

% company-wide facilities this represents

Less than 1%

Production value for the metals & mining activities associated with these facilities

<Not Applicable>

% company's annual electricity generation that could be affected by these facilities

<Not Applicable>

% company's global oil & gas production volume that could be affected by these facilities

<Not Applicable>

% company's total global revenue that could be affected

Unknown

Comment

Country/Area & River basin

Italy	Other, please specify (Arno)
-------	------------------------------

Number of facilities exposed to water risk

1

% company-wide facilities this represents

Less than 1%

Production value for the metals & mining activities associated with these facilities

<Not Applicable>

% company's annual electricity generation that could be affected by these facilities

<Not Applicable>

% company's global oil & gas production volume that could be affected by these facilities

<Not Applicable>

% company's total global revenue that could be affected

Unknown

Comment

Country/Area & River basin

Turkey	Other, please specify (Kocaeli)
--------	---------------------------------

Number of facilities exposed to water risk

1

% company-wide facilities this represents

Less than 1%

Production value for the metals & mining activities associated with these facilities

<Not Applicable>

% company's annual electricity generation that could be affected by these facilities

<Not Applicable>

% company's global oil & gas production volume that could be affected by these facilities

<Not Applicable>

% company's total global revenue that could be affected

Unknown

Comment

Country/Area & River basin

India	Krishna
-------	---------

Number of facilities exposed to water risk

1

% company-wide facilities this represents

Less than 1%

Production value for the metals & mining activities associated with these facilities

<Not Applicable>

% company's annual electricity generation that could be affected by these facilities

<Not Applicable>

% company's global oil & gas production volume that could be affected by these facilities

<Not Applicable>

% company's total global revenue that could be affected

Unknown

Comment

Country/Area & River basin

United States of America	Other, please specify (San Diego)
--------------------------	-----------------------------------

Number of facilities exposed to water risk

1

% company-wide facilities this represents

Less than 1%

Production value for the metals & mining activities associated with these facilities

<Not Applicable>

% company's annual electricity generation that could be affected by these facilities

<Not Applicable>

% company's global oil & gas production volume that could be affected by these facilities

<Not Applicable>

% company's total global revenue that could be affected

Unknown

Comment

Country/Area & River basin

United States of America	Other, please specify (Catawba River)
--------------------------	--

Number of facilities exposed to water risk

1

% company-wide facilities this represents

Less than 1%

Production value for the metals & mining activities associated with these facilities

<Not Applicable>

% company's annual electricity generation that could be affected by these facilities

<Not Applicable>

% company's global oil & gas production volume that could be affected by these facilities

<Not Applicable>

% company's total global revenue that could be affected

Unknown

Comment

W4.2

(W4.2) Provide details of identified risks in your direct operations with the potential to have a substantive financial or strategic impact on your business, and your response to those risks.

Country/Area & River basin

China	Other, please specify (Ziya He)
-------	---------------------------------

Type of risk & Primary risk driver

Chronic physical	Water stress
------------------	--------------

Primary potential impact

Other, please specify (Currently, the primary potential impact is under evaluation.)

Company-specific description

Currently, Corning has assessed the number of our manufacturing locations in high or extremely high water stressed areas. We are assessing the potential impacts, if any, based on this information.

Timeframe

More than 6 years

Magnitude of potential impact

Please select

Likelihood

Very likely

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

Currently, financial impact has not been assessed.

Primary response to risk

Comply with local regulatory requirements

Description of response

Currently, our response to the risk is to comply with local requirements.

Cost of response

Explanation of cost of response

Currently, we have not assessed a cost of response.

Country/Area & River basin

Mexico	Bravo
--------	-------

Type of risk & Primary risk driver

Chronic physical	Water stress
------------------	--------------

Primary potential impact

Other, please specify (Currently, the primary potential impact is under evaluation.)

Company-specific description

Currently, Corning has assessed the number of our manufacturing locations in high or extremely high water stressed areas. We are assessing the potential impacts, if any, based on this information.

Timeframe

More than 6 years

Magnitude of potential impact

Unknown

Likelihood

Likely

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

Currently, financial impact has not been assessed.

Primary response to risk

Comply with local regulatory requirements

Description of response

Currently, our response to the risk is to comply with local requirements.

Cost of response

Explanation of cost of response

Currently, we have not assessed a cost of response.

Country/Area & River basin

China	Other, please specify (Luke Tail Hu)
-------	--------------------------------------

Type of risk & Primary risk driver

Chronic physical	Water stress
------------------	--------------

Primary potential impact

Other, please specify (Currently, the primary potential impact is under evaluation.)

Company-specific description

Currently, Corning has assessed the number of our manufacturing locations in high or extremely high water stressed areas. We are assessing the potential impacts, if any, based on this information.

Timeframe

More than 6 years

Magnitude of potential impact

Unknown

Likelihood

Very likely

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

Currently, financial impact has not been assessed.

Primary response to risk

Comply with local regulatory requirements

Description of response

Currently, our response to the risk is to comply with local requirements.

Cost of response**Explanation of cost of response**

Currently, we have not assessed a cost of response.

Country/Area & River basin

United States of America	Cape Fear River
--------------------------	-----------------

Type of risk & Primary risk driver

Chronic physical	Water stress
------------------	--------------

Primary potential impact

Other, please specify (Currently, the primary potential impact is under evaluation.)

Company-specific description

Currently, Corning has assessed the number of our manufacturing locations in high or extremely high water stressed areas. We are assessing the potential impacts, if any, based on this information.

Timeframe

More than 6 years

Magnitude of potential impact

Unknown

Likelihood

Very unlikely

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

Currently, financial impact has not been assessed.

Primary response to risk

Comply with local regulatory requirements

Description of response

Currently, our response to the risk is to comply with local requirements.

Cost of response

Explanation of cost of response

Currently, we have not assessed a cost of response.

Country/Area & River basin

United States of America	Colorado River (Pacific Ocean)
--------------------------	--------------------------------

Type of risk & Primary risk driver

Chronic physical	Water stress
------------------	--------------

Primary potential impact

Other, please specify (Currently, the primary potential impact is under evaluation.)

Company-specific description

Currently, Corning has assessed the number of our manufacturing locations in high or extremely high water stressed areas. We are assessing the potential impacts, if any, based on this information.

Timeframe

More than 6 years

Magnitude of potential impact

Unknown

Likelihood

Very likely

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

Currently, financial impact has not been assessed.

Primary response to risk

Comply with local regulatory requirements

Description of response

Currently, our response to the risk is to comply with local requirements.

Cost of response

Explanation of cost of response

Currently, we have not assessed a cost of response.

Country/Area & River basin

United States of America	Trinity River (Texas)
--------------------------	-----------------------

Type of risk & Primary risk driver

Chronic physical	Water stress
------------------	--------------

Primary potential impact

Other, please specify (Currently, the primary potential impact is under evaluation.)

Company-specific description

Currently, Corning has assessed the number of our manufacturing locations in high or extremely high water stressed areas. We are assessing the potential impacts, if any, based on this information.

Timeframe

More than 6 years

Magnitude of potential impact

Unknown

Likelihood

Likely

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

Currently, financial impact has not been assessed.

Primary response to risk

Comply with local regulatory requirements

Description of response

Currently, our response to the risk is to comply with local requirements.

Cost of response

Explanation of cost of response

Currently, we have not assessed a cost of response.

Country/Area & River basin

Italy	Other, please specify (Arno)
-------	------------------------------

Type of risk & Primary risk driver

Chronic physical	Water stress
------------------	--------------

Primary potential impact

Other, please specify (Currently, the primary potential impact is under evaluation.)

Company-specific description

Currently, Corning has assessed the number of our manufacturing locations in high or extremely high water stressed areas. We are assessing the potential impacts, if any, based on this information.

Timeframe

More than 6 years

Magnitude of potential impact

Unknown

Likelihood

Likely

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

Currently, financial impact has not been assessed.

Primary response to risk

Comply with local regulatory requirements

Description of response

Currently, our response to the risk is to comply with local requirements.

Cost of response

Explanation of cost of response

Currently, we have not assessed a cost of response.

Country/Area & River basin

France	Seine
--------	-------

Type of risk & Primary risk driver

Chronic physical	Water stress
------------------	--------------

Primary potential impact

Other, please specify (Currently, the primary potential impact is under evaluation.)

Company-specific description

Currently, Corning has assessed the number of our manufacturing locations in high or extremely high water stressed areas. We are assessing the potential impacts, if any, based on this information.

Timeframe

More than 6 years

Magnitude of potential impact

Unknown

Likelihood

Likely

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

Currently, financial impact has not been assessed.

Primary response to risk

Comply with local regulatory requirements

Description of response

Currently, our response to the risk is to comply with local requirements.

Cost of response

Explanation of cost of response

Currently, we have not assessed a cost of response.

Country/Area & River basin

France	Other, please specify (Scheldt/Leie)
--------	--------------------------------------

Type of risk & Primary risk driver

Chronic physical	Water stress
------------------	--------------

Primary potential impact

Other, please specify (Currently, the primary potential impact is under evaluation.)

Company-specific description

Currently, Corning has assessed the number of our manufacturing locations in high or extremely high water stressed areas. We are assessing the potential impacts, if any, based on this information.

Timeframe

More than 6 years

Magnitude of potential impact

Unknown

Likelihood

Likely

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

Currently, financial impact has not been assessed.

Primary response to risk

Comply with local regulatory requirements

Description of response

Currently, our response to the risk is to comply with local requirements.

Cost of response

Explanation of cost of response

Currently, we have not assessed a cost of response.

Country/Area & River basin

Turkey	Other, please specify (Koaceli)
--------	---------------------------------

Type of risk & Primary risk driver

Chronic physical	Water stress
------------------	--------------

Primary potential impact

Other, please specify (Currently, the primary potential impact is under evaluation.)

Company-specific description

Currently, Corning has assessed the number of our manufacturing locations in high or extremely high water stressed areas. We are assessing the potential impacts, if any, based on this information.

Timeframe

More than 6 years

Magnitude of potential impact

Unknown

Likelihood

Very likely

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

Currently, financial impact has not been assessed.

Primary response to risk

Comply with local regulatory requirements

Description of response

Currently, our response to the risk is to comply with local requirements.

Cost of response

Explanation of cost of response

Currently, we have not assessed a cost of response.

Country/Area & River basin

India	Krishna
-------	---------

Type of risk & Primary risk driver

Chronic physical	Water stress
------------------	--------------

Primary potential impact

Other, please specify (Currently, the primary potential impact is under evaluation)

Company-specific description

Currently, Corning has assessed the number of our manufacturing locations in high or extremely high water stressed areas. We are assessing the potential impacts, if any, based on this information.

Timeframe

More than 6 years

Magnitude of potential impact

Unknown

Likelihood

Likely

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

Currently, financial impact has not been assessed.

Primary response to risk

Comply with local regulatory requirements

Description of response

Currently, our response to the risk is to comply with local requirements.

Cost of response

Explanation of cost of response

Currently, we have not assessed a cost of response.

Country/Area & River basin

United States of America	Other, please specify (San Diego)
--------------------------	-----------------------------------

Type of risk & Primary risk driver

Chronic physical	Water stress
------------------	--------------

Primary potential impact

Other, please specify (Currently, the primary potential impact is under evaluation.)

Company-specific description

Currently, Corning has assessed the number of our manufacturing locations in high or extremely high water stressed areas. We are assessing the potential impacts, if any, based on this information.

Timeframe

More than 6 years

Magnitude of potential impact

Unknown

Likelihood

Very likely

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

Currently, financial impact has not been assessed.

Primary response to risk

Comply with local regulatory requirements

Description of response

Currently, our response to the risk is to comply with local requirements.

Cost of response

Explanation of cost of response

Currently, we have not assessed a cost of response.

Country/Area & River basin

United States of America	Other, please specify (Catawba)
--------------------------	----------------------------------

Type of risk & Primary risk driver

Chronic physical	Water stress
------------------	--------------

Primary potential impact

Other, please specify (Currently, the primary potential impact is under evaluation)

Company-specific description

Currently, Corning has assessed the number of our manufacturing locations in high or extremely high water stressed areas. We are assessing the potential impacts, if any, based on this information.

Timeframe

More than 6 years

Magnitude of potential impact

Unknown

Likelihood

Unlikely

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

Currently, financial impact has not been assessed.

Primary response to risk

Comply with local regulatory requirements

Description of response

Currently, our response to the risk is to comply with local requirements.

Cost of response

Explanation of cost of response

Currently, we have not assessed a cost of response.

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	Not yet evaluated	Currently, Corning has not assessed the water risks in our value chain.

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?

No

W4.3b

(W4.3b) Why does your organization not consider itself to have water-related opportunities?

	Primary reason	Please explain
Row 1	Opportunities exist, but none with potential to have a substantive financial or strategic impact on business	Corning assesses each of our operating facilities for opportunities for improved management of water annually through the implementation of an environmental management system developed in accordance with ISO 14001 at each of our operating facilities. This assessment will be next repeated in 2022. Opportunities are identified, assessed, and implemented. Corning assesses the opportunities and generally implements those that meet our criteria for capital improvements. A specific example of opportunities found to reduce water consumption is to recycle industrial wastewater into our manufacturing processes. These improvements are beneficial to the environment and to our operations; however, we have not found them to have a substantive financial or strategic impact on the business at the corporate level.

W5. Facility-level water accounting

W5.1

(W5.1) For each facility referenced in W4.1c, provide coordinates, water accounting data, and a comparison with the previous reporting year.

Facility reference number

Facility 1

Facility name (optional)**Country/Area & River basin**

China	Other, please specify (Ziya He)
-------	---------------------------------

Latitude

39.91

Longitude

116.4

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

510

Comparison of total withdrawals with previous reporting year

About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

510

Total water discharges at this facility (megaliters/year)

433

Comparison of total discharges with previous reporting year

Much higher

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

11.4

Total water consumption at this facility (megaliters/year)

77

Comparison of total consumption with previous reporting year

Much lower

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 510.00 megaliters/year compared to 2020 which was 520.63 megaliters/year. Total water discharges for 2021 were 433.00 megaliters/year compared to 2020 which were 101.24 megaliters/year.

Facility reference number

Facility 2

Facility name (optional)**Country/Area & River basin**

Mexico	Bravo
--------	-------

Latitude

25.97

Longitude

-100.37

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

5.69

Comparison of total withdrawals with previous reporting year

Lower

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0.25

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

5.44

Total water discharges at this facility (megaliters/year)

5.64

Comparison of total discharges with previous reporting year

Lower

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

1.58

Total water consumption at this facility (megaliters/year)

0.05

Comparison of total consumption with previous reporting year

About the same

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 5.69 megaliters/year compared to 2020 which was 6.03 megaliters/year. Total water discharges for 2021 were 5.64 megaliters/year compared to 2020 which were 5.96 megaliters/year.

Facility reference number

Facility 3

Facility name (optional)**Country/Area & River basin**

China	Other, please specify (Luke Tail Hu)
-------	--------------------------------------

Latitude

31.12

Longitude

121.3

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

32.22

Comparison of total withdrawals with previous reporting year

Much lower

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

32.22

Total water discharges at this facility (megaliters/year)

2.35

Comparison of total discharges with previous reporting year

Much lower

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

1.36

Total water consumption at this facility (megaliters/year)

29.87

Comparison of total consumption with previous reporting year

Much lower

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 32.22 megaliters/year compared to 2020 which was 47.21 megaliters/year. Total water discharges for 2021 were 2.35 megaliters/year compared to 2020 which were 4.41 megaliters/year.

Facility reference number

Facility 4

Facility name (optional)

Country/Area & River basin

China	Other, please specify (Luke Tail Hu)
-------	--------------------------------------

Latitude

31.52

Longitude

120.12

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

23.72

Comparison of total withdrawals with previous reporting year

Higher

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

23.72

Total water discharges at this facility (megaliters/year)

22.53

Comparison of total discharges with previous reporting year

Higher

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

15.28

Total water consumption at this facility (megaliters/year)

1.19

Comparison of total consumption with previous reporting year

Higher

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 23.72 megaliters/year compared to 2020 which was 20.47 megaliters/year. Total water discharges for 2021 were 22.53 megaliters/year compared to 2020 which were 19.44 megaliters/year.

Facility reference number

Facility 5

Facility name (optional)

Country/Area & River basin

United States of America	Cape Fear River
--------------------------	-----------------

Latitude

34.61

Longitude

-77.71

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

288.88

Comparison of total withdrawals with previous reporting year

About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

288.88

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

0

Total water discharges at this facility (megaliters/year)

270.29

Comparison of total discharges with previous reporting year

About the same

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

29.48

Total water consumption at this facility (megaliters/year)

18.59

Comparison of total consumption with previous reporting year

Much lower

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 288.88 megaliters/year compared to 2020 which was 296.56 megaliters/year. Total water discharges for 2021 were 270.29 megaliters/year compared to 2020 which were 267.93 megaliters/year.

Facility reference number

Facility 6

Facility name (optional)

Country/Area & River basin

United States of America	Colorado River (Pacific Ocean)
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Latitude

33.48

Longitude

-111.97

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

42.48

Comparison of total withdrawals with previous reporting year

About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

42.48

Total water discharges at this facility (megaliters/year)

55.63

Comparison of total discharges with previous reporting year

About the same

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

13.44

Total water consumption at this facility (megaliters/year)

-13.15

Comparison of total consumption with previous reporting year

About the same

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 42.48 megaliters/year compared to 2020 which was 41.28 megaliters/year. Total water discharges for 2021 were 55.63 megaliters/year compared to 2020 which were 54.64 megaliters/year.

Facility reference number

Facility 7

Facility name (optional)

Country/Area & River basin

United States of America	Trinity River (Texas)
--------------------------	-----------------------

Latitude

33

Longitude

-97.73

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

3.76

Comparison of total withdrawals with previous reporting year

About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

3.76

Total water discharges at this facility (megaliters/year)

3.76

Comparison of total discharges with previous reporting year

About the same

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

3.76

Total water consumption at this facility (megaliters/year)

0

Comparison of total consumption with previous reporting year

About the same

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 3.76 megaliters/year compared to 2020 which was 3.75 megaliters/year. Total water discharges for 2021 were 3.76 megaliters/year compared to 2020 which were 3.75 megaliters/year.

Facility reference number

Facility 8

Facility name (optional)

Country/Area & River basin

Italy	Other, please specify (Arno)
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Latitude

43.58

Longitude

10.65

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

22.38

Comparison of total withdrawals with previous reporting year

Lower

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

8.89

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

13.49

Total water discharges at this facility (megaliters/year)

14.96

Comparison of total discharges with previous reporting year

Much higher

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

4.21

Total water consumption at this facility (megaliters/year)

7.42

Comparison of total consumption with previous reporting year

Much lower

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 22.38 megaliters/year compared to 2020 which was 26.51 megaliters/year. Total water discharges for 2021 were 14.96 megaliters/year compared to 2020 which were 11.98 megaliters/year.

Facility reference number

Facility 9

Facility name (optional)

Country/Area & River basin

France	Seine
--------	-------

Latitude

48.52

Longitude

2.61

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

59.13

Comparison of total withdrawals with previous reporting year

Lower

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

14.91

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

40.63

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

3.59

Total water discharges at this facility (megaliters/year)

44.22

Comparison of total discharges with previous reporting year

Lower

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

3.59

Total water consumption at this facility (megaliters/year)

14.91

Comparison of total consumption with previous reporting year

Higher

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 59.13 megaliters/year compared to 2020 which was 68.09 megaliters/year. Total water discharges for 2021 were 44.22 megaliters/year compared to 2020 which were 54.02 megaliters/year.

Facility reference number

Facility 10

Facility name (optional)

Country/Area & River basin

France	Other, please specify (Scheldt/Leie)
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Latitude

50.56

Longitude

2.37

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

1.38

Comparison of total withdrawals with previous reporting year

Higher

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

1.38

Total water discharges at this facility (megaliters/year)

1.16

Comparison of total discharges with previous reporting year

Higher

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

1.16

Total water consumption at this facility (megaliters/year)

0.22

Comparison of total consumption with previous reporting year

Much higher

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 1.38 megaliters/year compared to 2020 which was 1.16 megaliters/year. Total water discharges for 2021 were 1.16 megaliters/year compared to 2020 which were 1.05 megaliters/year.

Facility reference number

Facility 11

Facility name (optional)

Country/Area & River basin

France	Seine
--------	-------

Latitude

48.52

Longitude

2.61

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

3.72

Comparison of total withdrawals with previous reporting year

Lower

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

3.72

Total water discharges at this facility (megaliters/year)

3.72

Comparison of total discharges with previous reporting year

Lower

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

1.86

Total water consumption at this facility (megaliters/year)

0

Comparison of total consumption with previous reporting year

About the same

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 3.72 megaliters/year compared to 2020 which was 4.21 megaliters/year. Total water discharges for 2021 were 3.72 megaliters/year compared to 2020 which were 4.21 megaliters/year.

Facility reference number

Facility 12

Facility name (optional)

Country/Area & River basin

Mexico	Bravo
--------	-------

Latitude

26.12

Longitude

-98.41

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

226.58

Comparison of total withdrawals with previous reporting year

Much higher

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

225.01

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

1.57

Total water discharges at this facility (megaliters/year)

227.02

Comparison of total discharges with previous reporting year

Much higher

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

197.12

Total water consumption at this facility (megaliters/year)

-0.44

Comparison of total consumption with previous reporting year

Lower

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 226.58 megaliters/year compared to 2020 which was 129.10 megaliters/year. Total water discharges for 2021 were 227.02 megaliters/year compared to 2020 which were 129.10 megaliters/year.

Facility reference number

Facility 13

Facility name (optional)

Country/Area & River basin

Mexico	Bravo
--------	-------

Latitude

26.12

Longitude

-98.41

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

61.32

Comparison of total withdrawals with previous reporting year

Much higher

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

61.32

Total water discharges at this facility (megaliters/year)

52.12

Comparison of total discharges with previous reporting year

Much higher

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

52.12

Total water consumption at this facility (megaliters/year)

9.2

Comparison of total consumption with previous reporting year

Much higher

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 61.32 megaliters/year compared to 2020 which was 35.09 megaliters/year. Total water discharges for 2021 were 52.12 megaliters/year compared to 2020 which were 29.82 megaliters/year.

Facility reference number

Facility 14

Facility name (optional)

Country/Area & River basin

Mexico	Bravo
--------	-------

Latitude

26.12

Longitude

-98.41

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

36.41

Comparison of total withdrawals with previous reporting year

Much higher

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

36.41

Total water discharges at this facility (megaliters/year)

14.56

Comparison of total discharges with previous reporting year

Much lower

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

14.56

Total water consumption at this facility (megaliters/year)

21.85

Comparison of total consumption with previous reporting year

Much higher

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 36.41 megaliters/year compared to 2020 which was 24.51 megaliters/year. Total water discharges for 2021 were 14.56 megaliters/year compared to 2020 which were 24.51 megaliters/year.

Facility reference number

Facility 15

Facility name (optional)

Country/Area & River basin

Mexico	Bravo
--------	-------

Latitude

26.12

Longitude

-98.41

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

20.78

Comparison of total withdrawals with previous reporting year

Lower

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

20.78

Total water discharges at this facility (megaliters/year)

10.6

Comparison of total discharges with previous reporting year

Much lower

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

6.02

Total water consumption at this facility (megaliters/year)

10.18

Comparison of total consumption with previous reporting year

Much higher

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 20.78 megaliters/year compared to 2020 which was 21.79 megaliters/year. Total water discharges for 2021 were 10.60 megaliters/year compared to 2020 which were 21.79 megaliters/year.

Facility reference number

Facility 16

Facility name (optional)

Country/Area & River basin

Mexico	Bravo
--------	-------

Latitude

26.12

Longitude

-98.41

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

11.44

Comparison of total withdrawals with previous reporting year

Lower

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

11.44

Total water discharges at this facility (megaliters/year)

8.28

Comparison of total discharges with previous reporting year

Much higher

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

8.01

Total water consumption at this facility (megaliters/year)

3.16

Comparison of total consumption with previous reporting year

Much lower

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 11.44 megaliters/year compared to 2020 which was 12.50 megaliters/year. Total water discharges for 2021 were 8.28 megaliters/year compared to 2020 which were 5.63 megaliters/year.

Facility reference number

Facility 17

Facility name (optional)

Country/Area & River basin

Mexico	Bravo
--------	-------

Latitude

26.12

Longitude

-98.41

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

6.06

Comparison of total withdrawals with previous reporting year

Much higher

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

6.06

Total water discharges at this facility (megaliters/year)

6

Comparison of total discharges with previous reporting year

About the same

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

6

Total water consumption at this facility (megaliters/year)

0.06

Comparison of total consumption with previous reporting year

Much higher

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only

destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 6.06 megaliters/year compared to 2020 which was 3.62 megaliters/year. Total water discharges for 2021 were 6.00 megaliters/year compared to 2020 which were 3.62 megaliters/year.

Facility reference number

Facility 18

Facility name (optional)

Country/Area & River basin

India	Krishna
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Latitude

18.79

Longitude

73.8

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

44.87

Comparison of total withdrawals with previous reporting year

About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

1.06

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

43.8

Total water discharges at this facility (megaliters/year)

40.9

Comparison of total discharges with previous reporting year

Higher

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

6.02

Total water consumption at this facility (megaliters/year)

3.97

Comparison of total consumption with previous reporting year

Much lower

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 44.87 megaliters/year compared to 2020 which was 43.39 megaliters/year. Total water discharges for 2021 were 40.90 megaliters/year compared to 2020 which were 37.22 megaliters/year.

Facility reference number

Facility 19

Facility name (optional)

Country/Area & River basin

China	Other, please specify (Lake Tail Hu)
-------	--------------------------------------

Latitude

31.21

Longitude

121.51

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

147.64

Comparison of total withdrawals with previous reporting year

Higher

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

147.64

Total water discharges at this facility (megaliters/year)

64.24

Comparison of total discharges with previous reporting year

Much higher

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

40.03

Total water consumption at this facility (megaliters/year)

83.4

Comparison of total consumption with previous reporting year

Lower

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 147.64 megaliters/year compared to 2020 which was 134.70 megaliters/year. Total water discharges for 2021 were 64.24 megaliters/year compared to 2020 which were 41.20 megaliters/year.

Facility reference number

Facility 20

Facility name (optional)**Country/Area & River basin**

Turkey	Other, please specify (Kocaeli)
--------	---------------------------------

Latitude

40.82

Longitude

29.4491

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

4.04

Comparison of total withdrawals with previous reporting year

Much lower

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

4.04

Total water discharges at this facility (megaliters/year)

4.04

Comparison of total discharges with previous reporting year

Much lower

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

4.04

Total water consumption at this facility (megaliters/year)

0

Comparison of total consumption with previous reporting year

About the same

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 4.04 megaliters/year compared to 2020 which was 10.54 megaliters/year. Total water discharges for 2021 were 4.04 megaliters/year compared to 2020 which were 10.54 megaliters/year.

Facility reference number

Facility 21

Facility name (optional)

Country/Area & River basin

United States of America	Other, please specify (San Diego)
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Latitude

33.02

Longitude

-117.09

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

0.18

Comparison of total withdrawals with previous reporting year

Much lower

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

0.18

Total water discharges at this facility (megaliters/year)

0.14

Comparison of total discharges with previous reporting year

Much lower

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

0.14

Total water consumption at this facility (megaliters/year)

0.04

Comparison of total consumption with previous reporting year

Much lower

Please explain

Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

Total water withdrawal for 2021 was 0.18 megaliters/year compared to 2020 which was 44.39 megaliters/year. Total water discharges for 2021 were 0.14 megaliters/year compared to 2020 which were 37.22 megaliters/year.

Facility reference number

Facility 22

Facility name (optional)

Country/Area & River basin

United States of America	Other, please specify (Upper Catawba)
--------------------------	---------------------------------------

Latitude

35.67

Longitude

-81.32

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

1.79

Comparison of total withdrawals with previous reporting year

This is our first year of measurement

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

0
Withdrawals from groundwater - renewable
0
Withdrawals from groundwater - non-renewable
0
Withdrawals from produced/entrained water
0
Withdrawals from third party sources
1.79
Total water discharges at this facility (megaliters/year)
1.67
Comparison of total discharges with previous reporting year
This is our first year of measurement
Discharges to fresh surface water
0
Discharges to brackish surface water/seawater
0
Discharges to groundwater
0
Discharges to third party destinations
1.67
Total water consumption at this facility (megaliters/year)
0.12
Comparison of total consumption with previous reporting year
This is our first year of measurement
Please explain
Total water consumption is calculated by subtracting total discharges from total withdrawals. Currently, water discharge by volume to municipal sanitary sewer is the only destination tracked at a corporate level. Individual sites track discharges to other destinations as required by local regulations.

W5.1a

(W5.1a) For the facilities referenced in W5.1, what proportion of water accounting data has been third party verified?

Water withdrawals – total volumes

% verified

76-100

Verification standard used

The reporting criteria used to evaluate the sustainability data and indicators were Corning's internal procedures. A third-party verification company was used to perform the verification, and its verification procedure is based on current best practices and is in accordance with ISAE 3000 and ISAE 3410.

Please explain

<Not Applicable>

Water withdrawals – volume by source

% verified

76-100

Verification standard used

The reporting criteria used to evaluate the sustainability data and indicators were Corning's internal procedures. A third-party verification company was used to perform the verification, and its verification procedure is based on current best practices and is in accordance with ISAE 3000 and ISAE 3410.

Please explain

<Not Applicable>

Water withdrawals – quality by standard water quality parameters

% verified

Not verified

Verification standard used

<Not Applicable>

Please explain

Quality by standard water quality parameters is not verified. This information is not verified as quality parameters requirements are specific to the manufacturing processes by location.

Water discharges – total volumes

% verified

76-100

Verification standard used

The reporting criteria used to evaluate the sustainability data and indicators were Corning's internal procedures. A third-party verification company was used to perform the verification, and its verification procedure is based on current best practices and is in accordance with ISAE 3000 and ISAE 3410.

Please explain

<Not Applicable>

Water discharges – volume by destination

% verified

76-100

Verification standard used

The reporting criteria used to evaluate the sustainability data and indicators were Corning's internal procedures. A third-party verification company was used to perform the verification, and its verification procedure is based on current best practices and is in accordance with ISAE 3000 and ISAE 3410.

Please explain

<Not Applicable>

Water discharges – volume by final treatment level

% verified

Not verified

Verification standard used

<Not Applicable>

Please explain

Volume by final treatment is not verified by Corning at this time.

Water discharges – quality by standard water quality parameters

% verified

Not verified

Verification standard used

<Not Applicable>

Please explain

Quality by standard water quality parameters is not verified. This information is not verified as discharge quality parameter requirements are specific to the location and related outfalls and are defined through permitting requirements.

Water consumption – total volume

% verified

76-100

Verification standard used

The reporting criteria used to evaluate the sustainability data and indicators were Corning's internal procedures. A third-party verification company was used to perform the verification, and its verification procedure is based on current best practices and is in accordance with ISAE 3000 and ISAE 3410.

Please explain

<Not Applicable>

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	Description of business dependency on water Description of business impact on water Reference to international standards and widely-recognized water initiatives Company water targets and goals Commitment to align with public policy initiatives, such as the SDGs Commitments beyond regulatory compliance	Corning's water policy is included in our Environmental Policy. Our Environmental Policy outlines our commitment to operate in an environmentally responsible manner and includes measures to reduce emissions, waste, and energy and water consumption. The Environmental Policy also outlines that protecting the environment, including water, is a central element of operating excellence. Corning acknowledges that our business is dependent on water, reporting access to water as a risk in our 10-K report, stating that a reduction, interruption or delay of supply, or a significant increase in the price for supplies, such as manufacturing equipment, precious metals, raw materials, utilities including energy and industrial water, could have an adverse effect on our business. We comply with and strive to exceed all applicable laws, regulations, and company standards. We use our Global Energy Management (GEM) program to strategically manage our global energy use to optimize energy productivity, power supply reliability, and environmental impact, while also managing water, waste, and emissions. We also maintain a comprehensive environmental, health, and safety (EHS) software platform based on the principles of the global standard ISO 14001 to track environmental data, including water data. In 2020, Corning announced a set of sustainability goals that align with the United Nations' Sustainable Development Goals, including one for water: "Corning Incorporated will enhance its strategies across Corning sites, prioritizing manufacturing plants and communities in high-risk, water-scarce regions, by 2025." This goal aligns with SDG 6 (Clean Water and Sanitation) and SDG 12 (Responsible Consumption and Production).

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	Please explain
Board-level committee	The function of Corning's Corporate Responsibility and Sustainability Committee (CRSC) of the Board of Directors includes assisting the Board in overseeing the corporation's management strategies, plans, policies, and actions related to our sustainability program and environmental responsibilities. This oversight includes sustainability goals, environmental and social policies and practices, and energy and water management strategies, among other areas of focus. An example of a decision the CRSC made is that the committee reviewed Corning's public sustainability goals, including the water conservation goal that states Corning Incorporated will enhance its water strategies across Corning sites, prioritizing manufacturing plants and communities in high-risk water-scarce regions, by 2025. The vice president of sustainability and climate initiatives presents at least annually to the committee. This presentation includes a dashboard indicating the implementation and performance against objectives for all sustainability-related goals. In 2021, Corning's newly-named vice president of sustainability and climate initiatives presented to the committee at both board meetings. Additionally, the director of global environment and sustainability has the responsibility to track and report on water-related metrics, among other environmental areas, and presents annually to the committee. The Corporate Responsibility and Sustainability Committee provides oversight of Corning's environmental and health and safety policies.

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	Scheduled - some meetings	Monitoring implementation and performance Reviewing and guiding corporate responsibility strategy	Corning's newly-named vice president of sustainability and climate initiatives attends all committee meetings and provides updates. These updates include a dashboard indicating the implementation and performance against objectives for all sustainability-related goals, including Corning's water conservation goal. Additionally, the director of global environment and sustainability has the responsibility to track and report on water-related metrics, among other environmental areas, and presents annually to the committee. The director's presentation gives an overview of strategies and actions Corning has put in place to conserve water and recommends strategies that will create a positive and sustainable impact by Corning for years to come. The committee members provide their feedback on the information presented.

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	Corning's current assessment of the competence of board members on water-related issues includes reviewing and assessing our board members past professional experience managing issues in a manufacturing environment, such as Corning's, as well as additional public board experience with other corporations similar to Corning. For example, the chair of Corning's Corporate Responsibility and Sustainability Committee, as former Chairman and Chief Executive Office of Dow Corning Corporation, brings significant expertise in scientific research, issues management, science and technology leadership, manufacturing and business management to the Board, as well as skills related to her Ph.D. in organic chemistry. She is also a former chair of the American Chemistry Council. In addition, she serves on the Board of HP Inc.	<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)

Other, please specify (Director of Global Environment and Sustainability)

Responsibility

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

The director of global environment and sustainability is responsible for overseeing Global Energy Management, which strategically manages global water usage. The director also is responsible for maintenance of a comprehensive environmental, health, and safety software platform based on the principles of the global standard ISO 14001 to track environmental data.

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	

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	Please explain
Monetary reward	Please select	Please select	
Non-monetary reward	Other, please specify (C-suite employees)	Other, please specify (Water-related projects)	C-Suite employees at Corning work closely with the Global Energy Management organization and frequently receive recognition for successful water project completion by having projects shared as best practices.

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
- Yes, funding research organizations

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?

In conducting our Government Affairs program, Corning is committed to ensuring that its political and lobbying activities are conducted in full compliance with applicable laws and in a manner that reflects Corning's core corporate Values. Corning's Global Government Affairs group has authority to make decisions on behalf of the company regarding political contributions to nonfederal candidates and other nonfederal political entities where permitted by law. Such decisions are made in consultation with Corning's internal and/or external legal counsel and are subject to oversight by our Board's Corporate Responsibility and Sustainability Committee. Corning political contributions are made without regard for the political preferences of our executives. On a semi-annual basis, we will disclose nonfederal political contributions that exceed \$1,000 during a calendar year. To view this list, see the Political Contributions page on Corning.com. Our Global Government Affairs group is responsible for overseeing all lobbying activities, and we disclose lobbying activities and expenditures as required by applicable federal, state, and local laws.

W6.6

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

Yes (you may attach the report - this is optional)

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 ability to meet customer demand depends, in part, on our ability to obtain timely and adequate delivery of equipment, raw and batch materials, natural resources or utilities, equipment, parts, components and raw materials from our suppliers. We may experience shortages that could adversely affect our operations. Certain manufacturing equipment, components and raw materials are available only from single or limited sources, and we may not be able to find alternate sources in a timely manner. A reduction, interruption or delay of supply, or a significant increase in the price for supplies, such as manufacturing equipment, precious metals, raw materials, utilities including energy and industrial water, could have an adverse effect on our business.
Strategy for achieving long-term objectives	Yes, water-related issues are integrated	5-10	Our approach to sustainability is grounded in our focus on the environmental, social, and governance topics that matter most to our business and to our stakeholders as reflected in our 14 sustainability goals. These goals address priority issues where we believe Corning can achieve the greatest environmental and social impact, while supporting the long-term growth of our business. They are not only the right things to do, but are also the smart things to do to make Corning more resilient amid future risks and to help us continue to develop breakthrough inventions for our customers and the world. The sustainability goals are formalized in our internal Operating Priorities. Included in the 14 goals is our Water Conservation Goal: Enhance water strategies across Corning sites by 2025, prioritizing manufacturing plants and communities in high-risk, water-scarce regions. Corning's sustainability strategy and publicly communicated goals were developed following a sustainability materiality assessment conducted in 2019 that determined the most important sustainability topics for Corning and our key stakeholders. Corning's publicly communicated goals, and our progress to achieve the goals are provided in more detail in our 2021 Sustainability Report. We intend to update our sustainability materiality assessment, which will impact our sustainability strategy, goals, and financial planning to achieve our goals.
Financial planning	Yes, water-related issues are integrated	5-10	Corning has integrated environmental-, social-, and governance-related risks into our enterprise risk management process. In doing so, we follow guidance provided by the Committee of Sponsoring Organizations of the Treadway Commission (COSO) and the World Business Council for Sustainable Development. Starting in 2021, we also leveraged the framework of the Task Force for Climate-Related Financial Disclosures (TCFD) to assess and report on climate risks and opportunities for Corning.

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)

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

Water-related OPEX (+/- % change)

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

Please explain

Water-related CAPEX and OPEX expenditures are not currently tracked in detail at a corporate level. We anticipate the OPEX forward trend will be positive as we make progress towards our water sustainability goal. CAPEX funding has increased from 2020 to 2021, as a result of increased focus around water efficiency. As outlined in Corning's 2021 Sustainability Report, CAPEX invested in several water projects, including: rainwater collection at our site in Port Elizabeth, South Africa; correcting water leaks in the process at a site in Reynosa, Mexico; implementing water recycling in Wilmington, North Carolina and improving pump house sampling to reduce water use at our Canton, New York site. Like OPEX, Corning expects that the CAPEX forward trend will be positive as we make progress towards our water sustainability goals.

W7.3

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

	Use of scenario analysis	Comment
Row 1	Yes	Corning has integrated environmental, social, and governance-related risks into our enterprise risk management process. We followed guidance provided by the Committee of Sponsoring Organizations of the Treadway Commission (COSO) and the World Business Council for Sustainable Development (WBCSD). In 2021, we engaged management-level personnel across Corning's five Market-Access Platforms to understand which climate-related risks were most relevant to their business units. Using this feedback, we identified seven climate-related risks and two climate-related opportunities and conducted an in-depth scenario analysis to assess their potential impact on our business under two different climate scenarios, a Business as Usual scenario based on RCP-8.5 and a 1.5 degree Celsius scenario based on RCP-1.9.

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	<p>Corning completed a climate scenario analysis to assess the resilience of the organization's strategy under two potential future state scenarios:</p> <p>a. Business as Usual (BAU): This scenario uses transition factors from the Current Policies Scenario from IEA's 2019 World Energy Outlook Report, physical factors from IPCC's draft Sixth Assessment Report (AR6) aligned with RCP 8.5, and socioeconomic factors from Shared Socioeconomic Pathway-5 (SSP-5).</p> <p>b. 1.5-Degree (1.5D): This scenario uses transition factors from the Sustainable Development Scenario from IEA's 2019 World Energy Outlook Report, physical factors from IPCC's draft Sixth Assessment Report (AR6) aligned with RCP 1.9, and socioeconomic factors from SSP-1.</p> <p>These constructed scenarios reflect the future states if the world continues on BAU and if climate action limits global temperature rise to 1.5 degrees Celsius or less. Transition, socioeconomic, and physical factors were included to enable Corning to address transition and physical risks and opportunities. This process evaluated seven climate-related risks and two climate-related opportunities over a 30-year time horizon with a group of 33 management-level employees representing both corporate and Manufacturing Access Platforms (MAP) functions.</p> <p>The results of this analysis show that in a BAU scenario, the greatest risks to Corning's business are related to physical climate events, including chronic changes in precipitation patterns and extreme weather events. Corning's business is geographically diversified, which can help reduce the potential impact of extreme weather events. In scenario 1.5D, our analysis revealed that changing customer behavior and carbon pricing obligations are anticipated to have the greatest impact. We are actively engaging with customers to understand their sustainability- and climate-related needs and to find ways to support those needs. To reduce potential risk related to carbon pricing, Corning has set a goal to increase the use of renewable energy across our organization to reduce our Scope 2 emissions. Additionally, through our Global Energy Management program, we implement energy efficiency projects to reduce Scope 1 and 2 emissions. At this time, there is significant uncertainty about how carbon pricing regulations will evolve, and, in the future, Corning may invest in new technologies to continue to reduce emissions and lower our carbon pricing-related financial burden.</p>	The top two risks identified through the scenario analysis process under the "Business As Usual" (BAU) scenario were: 1) extreme weather events (medium term) and 2) changes in precipitation patterns and extreme variability in weather patterns (medium term). Water availability emerged as the highest concern for Display, Life Sciences, and Optical Communications MAPs (medium term).	<p>In 2021, Corning completed a scenario analysis to assess the potential impact of risks and opportunities under "Business As Usual" (BAU) and "1.5-degree" (1.5D) scenarios. We translated climate risks and opportunities into potential financial impact using a series of facts and assumptions based on scientific literature, internal information, and professional judgement. The results have been shared with the Sustainability Steering Committee (SSC), key management personnel and the Corporate Responsibility and Sustainability Committee (CRASC) to inform future business strategy and financial planning.</p> <p>We consider environmental factors, like availability of fresh water, during capital project planning to ensure the long-term sustainability of Corning's long-lived assets.</p> <p>Corning's sustainability strategy was developed following a 2019 sustainability materiality assessment that determined the critical sustainability topics for Corning and our key stakeholders. We intend to use the results of our scenario analysis to update of our sustainability materiality assessment, which, in turn, will impact our sustainability strategy, goals, and financial planning to achieve our goals.</p>

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, but we are currently exploring water valuation practices

Please explain

Corning strives to continuously improve its business strategy development process and we are currently exploring water valuation practices.

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	No, but we plan to address this within the next two years	<Not Applicable >	Important but not an immediate business priority	Corning is looking for ways to reduce and optimize water, energy and waste. Our goal is to design and manufacture products with less environmental impact throughout their life cycles. In 2022, Corning Life Sciences and Corning Optical Communications will pilot design-for-sustainability methods to define and embed sustainability advancements across the product life cycle. Our approach is guided by our Environmental Policy, which outlines our commitment to operate in an environmentally responsible manner while complying with and striving to exceed all applicable laws, regulations, and company standards. Our global product development teams are responsible for environmental compliance and use our environmental management system — based on the principles of the global standard ISO 14001. The director of sustainability, global environment, and other stakeholders, provide annual updates on our environmental performance to our Board's Corporate Responsibility and Sustainability Committee.

W8. Targets

W8.1

(W8.1) Describe your approach to setting and monitoring water-related targets and/or goals.

	Levels for targets and/or goals	Monitoring at corporate level	Approach to setting and monitoring targets and/or goals
Row 1	Company-wide targets and goals Business level specific targets and/or goals Site/facility specific targets and/or goals	Targets are monitored at the corporate level Goals are monitored at the corporate level	In 2020, Corning announced a set of sustainability goals that align with the United Nations' Sustainable Development Goals, including one for water: "Corning Incorporated will enhance its strategies across Corning sites, prioritizing manufacturing plants and communities in high-risk, water-scarce regions, by 2025." This goal was driven by alignment with Sustainable Development Goals: 6 Clean Water and Sanitation and 12 Responsible Consumption and Production, as outlined on Corning's Sustainability goals page. We also set an internal water efficiency target in 2018 that applies to each business within Corning. At a site level, all of our manufacturing facilities are required to be certified to ISO 14001-2015. Therefore, each site evaluates and determines environmental aspects with significant impacts. They establish objectives and targets to improve the environmental aspect, implement actions, and track improvement. Although, the specific projects are not monitored at the corporate level, the amount of water used is tracked at the corporate level.

W8.1a

(W8.1a) Provide details of your water targets that are monitored at the corporate level, and the progress made.

Target reference number

Target 1

Category of target

Water use efficiency

Level

Business

Primary motivation

Recommended sector best practice

Description of target

Corning business units have been tasked with a challenge to increase water use efficiency by a certain percentage.

Quantitative metric

Other, please specify (Intensity target per unit of output)

Baseline year

2018

Start year

2018

Target year

2023

% of target achieved

Please explain

This is an internal target and actual values are confidential.

W8.1b

(W8.1b) Provide details of your water goal(s) that are monitored at the corporate level and the progress made.

Goal

Other, please specify (Sustainability goal)

Level

Company-wide

Motivation

Reduced environmental impact

Description of goal

Corning Incorporated will enhance its water strategies across Corning sites, prioritizing manufacturing plants and communities in high-risk water-scarce regions, by 2025.

Baseline year

Start year

2020

End year

2025

Progress

In 2021, Corning has assessed our sites against the WRI Aqueduct Water Risk Atlas tool, identifying 22 locations in high or extremely high stress water scarce regions. Corning previously reported 17 sites under high or extremely high water stress, which has been revised to 22 after a 2021 site re-assessment against the Aqueduct Water Risk Atlas tool. This assessment is completed annually, in alignment with the CDP reporting cycle. In 2021, we prioritized our water-reduction efforts on locations in water-scarce regions, initiating water-saving activities in four of our top 10 water-withdrawing plants, as mentioned in our 2021 Corning Sustainability Report.

W9. Verification

W9.1

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

Yes

W9.1a

(W9.1a) Which data points within your CDP disclosure have been verified, and which standards were used?

Disclosure module	Data verified	Verification standard	Please explain
W1 Current state	The data verified is total water consumption and total wastewater (process water, cooling water, and sanitary water).	ISAE 3000	The third-party's verification procedure is based on current best practices and is in accordance with ISAE 3000 and ISAE 3410.

W10. 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.

W10.1

(W10.1) Provide details for the person that has signed off (approved) your CDP water response.

	Job title	Corresponding job category
Row 1	Director of Global Environment and Sustainability	Environment/Sustainability manager

W10.2

(W10.2) Please indicate whether your organization agrees for CDP to transfer your publicly disclosed data on your impact and risk response strategies to the CEO Water Mandate's Water Action Hub [applies only to W2.1a (response to impacts), W4.2 and W4.2a (response to risks)].

No