Welcome to your CDP Water Security Questionnaire 2023

W0. Introduction

W0.1

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

Pactiv Evergreen is one of the largest manufacturers of fresh food and beverage packaging in North America. We produce a broad range of on-trend and feature rich products that protect, package and display food and beverages for today's consumers, who want to eat or drink fresh, prepared or ready-to-eat food and drinks conveniently and with confidence. Our 14,000 products range from food containers, plates and bowls, hot and cold cups, lids, wraps and cutlery to meat and poultry trays, uncoated and coated paperboard, egg cartons and re-closeable beverage cartons. We supply our products to a broad and diversified mix of companies, including full and quick service restaurants, foodservice distributors, supermarkets, retailers, food and beverage producers, food packers and processors. Through our broad product offering and focus on innovation, we bring our customers a value proposition that make Pactiv Evergreen a "one-stop-shop" and strategic partner to our customers.

This reporting was prepared by Pactiv Evergreen based on internal calculations. Unless otherwise indicated, information is from the 2022 calendar year, and data is accurate as of December 31, 2022. We do not provide external assurance. Data parameters and calculation methods use a combination of international, government, industry and company standards and protocols. Pactiv Evergreen made a reasonable effort to ensure the information presented is accurate and complete. We continue to evaluate issues that are material to our ESG strategy, expand our disclosures, and refine our methodology. The materiality standards that we have used in this reporting and in our internal review processes may differ from the standards that are applied in other contexts. For example, matters that we deem responsive to applicable questions and for purposes of determining our ESG strategies may not be considered material under applicable securities laws.

Pactiv Evergreen Inc. is a public company whose shares trade on the Nasdaq Stock Market under trading symbol "PTVE." Pactiv Evergreen files its audited annual financial statements and quarterly unaudited financial statements with the SEC. Among other things, these financial statements report, on a consolidated basis, the net assets, net income and net cash flow of Pactiv Evergreen and its direct and indirect subsidiaries. Pactiv Evergreen does not issue separate financial statements for its individual subsidiaries.

W0.2

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

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

W0.3

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

Bahrain
Canada
China
Egypt
El Salvador
Hungary
Israel
Mexico
Morocco
Republic of Korea
Saudi Arabia
Spain
Taiwan, China
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
Tlaxcala, Mexico	This facility has no meters and pays an annual fee for water consumption.
Non-North America facilities	No reporting available from facilities outside of the USA, Canada, Mexico. We report data for facilities for which we have operational control.
Calgary, Canada	No meters available
Davisville, WV	No meters available
Huntersville, NC	No data available
Lincolnshire, IL	No data available
Summerstown, Canada	No data available
Monterrey, Mexico	No water meters
Zapopan, Mexico	No data available

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, an ISIN code	US69526K1051
Yes, a Ticker symbol	PTVE

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	Vital	Water is an essential component of the paper making process, and responsible water management is at the heart of our operations. The majority of our water use is at our pulp and paper mills in Arkansas and North Carolina.
Sufficient amounts of recycled, brackish and/or	Neutral	Neutral	Recycled, brackish and/or produced water is not a primary component in direct operations, mostly being used for some cooling, and washing/cleaning/hygiene functions. It is not

produced water available for use			quantified for indirect operations. It does not impact primary manufacturing functions in any significant manner.

W1.2

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

	% of sites/facilities/operations	Frequency of measurement	Method of measurement	Please explain
Water withdrawals – total volumes	76-99			Facilities without a water intake meter are not reported. Their intake is usually small, mostly limited to utility rooms.
Water withdrawals – volumes by source				
Water withdrawals quality				
Water discharges – total volumes				
Water discharges – volumes by destination				
Water discharges – volumes by treatment method				
Water discharge quality – by standard effluent parameters				
Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)				

Water discharge quality – temperature				
Water consumption – total volume				
Water recycled/reused				
The provision of fully-functioning, safely managed WASH services to all workers				

W1.2b

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

	Volume (megaliters/year)	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Five-year forecast	Primary reason for forecast	Please explain
Total withdrawals	86,367	Lower	Other, please specify Water withdrawn decreased in 2022 due to a temporary shut down of a large water-using operation.	Lower	Facility closure	In 2023, we closed our Canton, NC paper mill which accounted for approximately half of our water intake in the reporting year.
Total discharges						
Total consumption						

W1.2d

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

	Withdrawals are from areas with water stress	% withdrawn from areas with water stress	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Five-year forecast	Primary reason for forecast	Identification tool	Please explain
Row 1	Yes	1-10	About the same	Other, please specify Over 96% of our water withdrawal occurs in regions with Low and Low-Medium Water Stress.			WRI Aqueduct	

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	6,220,000,000	86,366.96	72,018.2810648887	

W1.4

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

	Products contain hazardous substances	Comment
Row 1	No	Our products carry FDA authorization for food and beverage packaging and do not contain hazardous substances.

W1.5

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

	Engagement	Primary reason for no engagement	Please explain
Suppliers	No		
Other value chain partners (e.g., customers)	Yes		

W1.5e

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

Type of stakeholder

Customers

Type of engagement

Innovation & collaboration

Details of engagement

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

Other, please specify

Rationale for your engagement

We engage with some customers on water use, water intensity and water reduction upon request. As we align with leaders in the industry, we consider it important to align our operational values.

Impact of the engagement and measures of success

Some customers have requested water intensity improvements, so we have started intensity improvement projects in select facilities servicing these specific customers. In these facilities, we measure water intensity improvements with a goal of 20% improvement since the baseline year.

Type of stakeholder

Investors & shareholders

Type of engagement

Education / information sharing

Details of engagement

Educate and work with stakeholders on understanding and measuring exposure to water-related risks

Rationale for your engagement

We engage with investors and shareholders by providing updates on responsible water management within our operations.

Impact of the engagement and measures of success

W2. Business impacts

W2.1

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

Yes

W2.1a

(W2.1a) Describe the water-related detrimental impacts experienced by your organization, your response, and the total financial impact.

Country/Area & River basin

United States of America

Other, please specify

Hillsborough River

Type of impact driver & Primary impact driver

Acute physical

Flood (coastal, fluvial, pluvial, groundwater)

Primary impact

Closure of operations

Description of impact

Hurricane Ian flooded Pactiv Evergreen's Plant City, FL converting facility.

Primary response

Develop flood emergency plans

Total financial impact

Description of response

W2.2

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

	Water-related regulatory violations	Fines, enforcement orders, and/or other penalties	Comment
Row 1	Yes	Enforcement orders or other penalties	

W2.2b

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

W3. Procedures

W3.1

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

	Identification and classification of potential water pollutants	How potential water pollutants are identified and classified
Row 1	Yes, we identify and classify our potential water pollutants	Potential water pollutants are typically identified by either state or local storm water or wastewater programs and/or regulations. These programs or regulations typically list potential pollutants that must be monitored, with the specific pollutants based on the type of facility operations. Under stormwater regulations/programs, the primary pollutants typically are solid-type materials that can be visually observed in run-off, although oil & grease testing is sometimes required. Under wastewater regulations/programs, the primary pollutants are typically biological oxygen demand (BOD), oil & grease and pH. would be solid-type materials and oil & grease.

W3.1a

(W3.1a) Describe how your organization minimizes the adverse impacts of potential water pollutants on water ecosystems or human health associated with your activities.

Water pollutant category

Oil

Description of water pollutant and potential impacts

Pactiv Evergreen's operational processes are designed not to discharge any oil to wastewater or storm water. However, as Pactiv Evergreen uses oil in its equipment and uses water to cool this equipment, there is a small potential for minor amounts of oil to be inadvertently discharged to wastewater. Further minimizing the risk of oil discharge to wastewater is the fact that many facilities internally recycle process water.

Value chain stage

Direct operations

Actions and procedures to minimize adverse impacts

Assessment of critical infrastructure and storage condition (leakages, spillages, pipe erosion etc.) and their resilience
Industrial and chemical accidents prevention, preparedness, and response
Water recycling
Requirement for suppliers to comply with regulatory requirements
Upgrading of process equipment/methods

Please explain

To prevent inadvertent oil discharge to the wastewater/Publicly Owned Treatment Works, manufacturing equipment is regularly monitored and maintained, including the equipment used to internally recycle process water. Oil/water separators are also used where needed, and inside oil drums are stored on secondary containment. Spill kits are located in strategic locations throughout the facility. To prevent inadvertent oil discharge to stormwater, oil is stored inside whenever possible. Outside oil containers are provided with secondary containment. Oil deliveries and pick-ups are closely monitored by facility personnel, and spill response equipment is kept readily available. Where required, locations develop and implement Spill Prevention Control and Countermeasures (SPCC) Plans and Stormwater Pollution Prevention Plans (SWPPPs), both of which include specific preventative measures to further reduce the risk of oil being discharged to stormwater. Additionally, each location maintains an active emergency response plan to ensure inadvertent oil spills are promptly cleaned up. Training is also provided to select facility personnel to properly oil handling and preventative measures to ensure no unauthorized discharge to wastewater or stormwater.

Water pollutant category

Microplastics and plastic particles

Description of water pollutant and potential impacts

PTVE's operational processes at its facilities that manufacture plastic foodservice products are designed not to discharge any plastics particles to wastewater or storm water. No significant amount of water is typically used in the plastic manufacturing process, and therefore plastic pellets are not typically expected to enter the wastewater.

Value chain stage

Direct operations
Supply chain

Actions and procedures to minimize adverse impacts

Assessment of critical infrastructure and storage condition (leakages, spillages, pipe erosion etc.) and their resilience
Implementation of integrated solid waste management systems
Industrial and chemical accidents prevention, preparedness, and response
Water recycling
Requirement for suppliers to comply with regulatory requirements

Please explain

To prevent inadvertent plastic pellets or scrap plastic discharge to the wastewater/POTW, collected mop water is often screened before being discharged to wastewater. In addition, the water used for the scrap plastic pellet conversion process is internally recycled and is screened to prevent any inadvertent plastic discharge. To prevent inadvertent plastic pellet or scrap plastic discharge to stormwater, resin unloading activities are carefully monitored by PTVE personnel, and catch pans are placed under resin unloading connections, with inadvertent pellet spills promptly cleaned up. Outside storage or conveyance of plastic pellets or scrap plastic is minimized where possible, and where present, is monitored and regularly inspected by facility personnel. Waste dumpsters that could contain plastic pellets or scrap plastic are routinely inspected, with the area cleaned after the dumpster is removed from service. Where required, locations develop and implement Stormwater Pollution Prevention Plans (SWPPPs), which include specific preventative measures to further reduce the risk of plastic pellets or scrap plastic being discharged to stormwater. Additionally, each location maintains an active emergency response plan to ensure inadvertent plastic spills are promptly cleaned up. Training is also provided to select facility personnel to properly plastic pellet and scrap handling and preventative measures to ensure no unauthorized discharge to stormwater.

Water pollutant category

Other nutrients and oxygen demanding pollutants

Description of water pollutant and potential impacts

Most of Pactiv Evergreen's operational processes do not generate any wastewater with significant biological oxygen demand (BOD) concerns. However, the facilities that manufacture molded fiber egg cartons, or similar products, are relatively water intensive and their wastewater discharge does have a potential for elevated BOD readings. Without proper process controls and treatment, the BOD could exceed locally permitted

levels. If wastewater with elevated BOD levels reached the POTW, this could cause the POTW to discharge high BOD wastewater to a water body. However, in almost all cases, the POTW would have their own processes to treat and reduce the BOD levels, significantly reducing any risk to a water body.

Value chain stage

Direct operations

Actions and procedures to minimize adverse impacts

Industrial and chemical accidents prevention, preparedness, and response
Water recycling
Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements

Please explain

To prevent elevated levels of BOD from being discharged in wastewater to the local POTW, equipment in the wastewater process (clarifiers, tanks, etc.) is regularly taken out of service for cleaning. This reduces the amount of organics that build up over time on this equipment, which could cause elevated BOD. In addition, other process related activity includes balancing water chemistry in the system and replacing equipment as needed to improve solids removal. Water treatment experts/contractors regularly visit these sites to ensure water chemistry is balanced and that there are no adverse effects on BOD from the water treatment chemicals in use at the site. As equipment ages over time and becomes less effective at removing organics/solids from the system, it is replaced as well. Finally, internal water recycling is balanced between water preservation/reuse and the potential build-up of organics in the water system over time, which can contribute to elevated BOD levels.

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
Supply chain

Coverage

Risk assessment procedure

Other, please specify

Water-related risks were assessed as part of a climate-related risk and opportunity assessment

Frequency of assessment

Annually

How far into the future are risks considered?

More than 6 years

Type of tools and methods used

International methodologies and standards
Other

Tools and methods used

Other, please specify

World Resources Institute Aqueduct, third-party consultant

Contextual issues considered

Implications of water on your key commodities/raw materials
Water regulatory frameworks

Stakeholders considered

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

Comment

Value chain stage

Direct operations

Coverage

Partial

Risk assessment procedure

Water risks are assessed in an environmental risk assessment

Frequency of assessment

Annually

How far into the future are risks considered?

1 to 3 years

Type of tools and methods used

International methodologies and standards
Other

Tools and methods used

ISO 14046 Environmental Management - Water Footprint
Internal company methods

Contextual issues considered

Water quality at a basin/catchment level
Water regulatory frameworks

Stakeholders considered

Local communities
Regulators

Comment

W3.3b

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

	Rationale for approach to risk assessment	Explanation of contextual issues considered	Explanation of stakeholders considered	Decision-making process for risk response
Row 1				

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, both in direct operations and the rest of our value chain

W4.1a

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

A substantive financial or strategic impact on the business is an impact by an event (or series of events) which would result in a fundamental change in the way that the company operates.

The event could be internally or externally caused. A fundamental change is defined as a change to our operations which results in significant costs or disruption to our customers.

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	10	1-25	Our two paper mills in Canton, NC and Pine Bluff, AR are directly exposed to water-related risks as water are essential to their operations. Additionally, we've identified 8 other facilities at risk of being impacted by acute weather events such as storms, flooding and tornadoes.

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

United States of America

Other, please specify

Mississippi – Missouri basin

Number of facilities exposed to water risk

2

% company-wide facilities this represents

1-25

% company's total global revenue that could be affected

Unknown

Comment

Our two paper mills are the most at-risk for water-related events.

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

United States of America

Other, please specify

Missouri - Missouri Basin

Type of risk & Primary risk driver

Acute physical

Heavy precipitation (rain, hail, snow/ice)

Primary potential impact

Closure of operations

Company-specific description

To assess the impacts on our procurement and supply chain processes, we used 2021 supplier spend data by county and mapped it to the National Risk Index to identify counties most at risk from natural disasters. This helped us identify the most vulnerable areas within our procurement and supply chain processes under the two IPPC scenarios. In addition to property damages and associated operational costs, our business is also at risk of lower employee productivity due to extreme weather events wherein after a storm, workers may not be able to travel to facilities and/or due to broken machinery and equipment, production may be halted. To assess these impacts, we used the International Monetary Fund's (IMF) data on the effects of climate related events on economic performance, including employee productivity at our facilities. We've applied this analysis to climate-related risks for the climate, forests, and water security CDP questionnaires.

Extreme weather events could disrupt supply chain and procurement, especially in climate-sensitive geographies where our Tier 1 suppliers are located such as IL, TX, and GA. Each weather event could result in approximate additional operational costs from $5M to $50M annually. In addition to property damage and associated operational costs, weather events could also significantly increase labor costs needed to maintain productivity. In both business-as-usual and well-below-2°C scenarios, key portions of our operations could be adversely impacted in the future thereby reducing labor productivity. Between the two scenarios, we estimated that costs due to reduced labor productivity in the business-as-usual scenario could range from approximately $6M to $33M annually. Extreme weather events are mitigated through insurance, business continuity and emergency preparedness processes. Notably, our expansive manufacturing and warehousing footprints allow for production redundancy between geographies.

Timeframe

1-3 years

Magnitude of potential impact

Medium-high

Likelihood

Likely

Are you able to provide a potential financial impact figure?

Yes, an estimated range

Potential financial impact figure (currency)

Potential financial impact figure - minimum (currency)

5,000,000

Potential financial impact figure - maximum (currency)

83,000,000

Explanation of financial impact

The costs represent the potential annual combined costs of extreme weather events relative to property damage, supply chain disruption, and labor.

Primary response to risk

Description of response

Cost of response

Explanation of cost of response

W4.2a

(W4.2a) Provide details of risks identified within your value chain (beyond 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

United States of America

Other, please specify

Across territory

Stage of value chain

Supply chain

Type of risk & Primary risk driver

Acute physical

Other, please specify

Storms and/or flooding

Primary potential impact

Disruption to sales due to value chain dissruption

Company-specific description

Increased frequency of weather events such as storms and flooding could lead damage to timber as a source of raw materials due to top soil run off. This would undermine roots and lead to injury, inhibition of germination and vegetative and reproductive growth, changes in plant anatomy and promotion of early mortality. This could result in

- Lower quality of paper and forest products could make PTVE less competitive leading to reduce market share and revenue
- Reductions in the number of trees will result in reduced production thereby affecting revenues
- Additional costs to protect trees

Timeframe

4-6 years

Magnitude of potential impact

High

Likelihood

Likely

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure - minimum (currency)

Potential financial impact figure - maximum (currency)

Explanation of financial impact

Primary response to risk

Description of response

Cost of response

Explanation of cost of response

W4.3

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

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

W4.3a

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

Type of opportunity

Efficiency

Primary water-related opportunity

Improved water efficiency in operations

Company-specific description & strategy to realize opportunity

Water reduction technology in select facilities' cooling towers, reducing water intensity by 20% minimum at these facilities. We partnered with a third-party vendor to help us identify opportunities for improvement at a selection of facilities and implemented solutions over the course of 5 years. We've achieved our goal at all 10 facilities across the U.S., with a minimum 20% water intensity reduction since the baseline year, and up to 94% at our best-performing facility.

Estimated timeframe for realization

Current - up to 1 year

Magnitude of potential financial impact

Unknown

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact

Type of opportunity
Efficiency

Primary water-related opportunity
Improved water efficiency in operations

Company-specific description & strategy to realize opportunity
This facility has achieved significant improvements by retrofitting nozzles to use reclaimed water instead of fresh water to clean water filters.

Estimated timeframe for realization
Current - up to 1 year

Magnitude of potential financial impact
Unknown

Are you able to provide a potential financial impact figure?
No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact

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

United States of America

Other, please specify

Pigeon River

Latitude

35.534962

Longitude

-82.837516

Located in area with water stress

No

Total water withdrawals at this facility (megaliters/year)

Comparison of total withdrawals with previous reporting year

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

Withdrawals from brackish surface water/seawater

Withdrawals from groundwater - renewable

Withdrawals from groundwater - non-renewable

Withdrawals from produced/entrained water

Withdrawals from third party sources

Total water discharges at this facility (megaliters/year)

Comparison of total discharges with previous reporting year

Discharges to fresh surface water

Discharges to brackish surface water/seawater

Discharges to groundwater

Discharges to third party destinations

Total water consumption at this facility (megaliters/year)

Comparison of total consumption with previous reporting year

Please explain

Facility reference number

Facility 2

Facility name (optional)

Country/Area & River basin

United States of America

Other, please specify

Lower Arkansas / Maumelle

Latitude

34.219206

Longitude

-91.909906

Located in area with water stress

No

Total water withdrawals at this facility (megaliters/year)

Comparison of total withdrawals with previous reporting year

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

Withdrawals from brackish surface water/seawater

Withdrawals from groundwater - renewable

Withdrawals from groundwater - non-renewable

Withdrawals from produced/entrained water

Withdrawals from third party sources

Total water discharges at this facility (megaliters/year)

Comparison of total discharges with previous reporting year

Discharges to fresh surface water

Discharges to brackish surface water/seawater

Discharges to groundwater

Discharges to third party destinations

Total water consumption at this facility (megaliters/year)

Comparison of total consumption with previous reporting year

Please explain

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

Not verified

Please explain

Water withdrawals – volume by source

% verified

Not relevant

Please explain

Water withdrawals – quality by standard water quality parameters

% verified

Water discharges – total volumes

% verified

Not verified

Please explain

Water discharges – volume by destination

% verified

Water discharges – volume by final treatment level

% verified

Water discharges – quality by standard water quality parameters

% verified

Water consumption – total volume

% verified

Not verified

Please explain

W6. Governance

W6.1

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

No, but we plan to develop one within the next 2 years

W6.2

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

Yes

W6.2a

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

Position of individual or committee	Responsibilities for water-related issues
Chief Executive Officer (CEO)	Environmental and water-related risks are addressed regularly at the highest management level by the Executive Leadership Team (ELT), which includes the CEO.
Chief Financial Officer (CFO)	Environmental and water-related risks are addressed regularly at the highest management level by the Executive Leadership Team (ELT), which includes the CFO.
Chief Sustainability Officer (CSO)	Environmental and water-related risks are addressed regularly at the highest management level by the Executive Leadership Team (ELT), to whom the CSO reports on a regular basis.
Chief Operating Officer (COO)	Environmental and water-related risks are addressed regularly at the highest management level by the Executive Leadership Team (ELT), which includes the COO.
Other C-Suite Officer	Chief Legal Officer: Environmental and water-related risks are addressed regularly at the highest management level by the Executive Leadership Team (ELT), which includes the CLO.
Other, please specify Board of Directors	The Board of Directors addresses water-related issues through discussions in quarterly meetings as appropriate. Our primary governance mechanisms include oversight of climate policies, sustainability strategies, business plans, performance objectives, regulatory compliance, and sustainability performance.
Other C-Suite Officer	Chief Growth Officer: Water-related risks are addressed regularly at the highest management level by the Executive Leadership Team (ELT), which includes the CGO.

W6.2b

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

	Frequency that water-related issues are a	Governance mechanisms into	Please explain

	scheduled agenda item	which water-related issues are integrated	
Row 1	Scheduled - some meetings	Monitoring implementation and performance Monitoring progress towards corporate targets Overseeing acquisitions, mergers, and divestitures Overseeing major capital expenditures Reviewing and guiding annual budgets Reviewing and guiding business plans Reviewing and guiding corporate responsibility strategy Reviewing and guiding major plans of action Reviewing and guiding risk management policies Reviewing and guiding strategy Reviewing innovation/R&D priorities Setting performance objectives	The Board addresses water-related issues through discussions in quarterly meetings. Our primary governance mechanisms include oversight of water policies, sustainability strategies, business plans, performance objectives, regulatory compliance, and sustainability performance.

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
Row 1	Not assessed

W6.3

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

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

Chief Executive Officer (CEO)

Water-related responsibilities of this position

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

Frequency of reporting to the board on water-related issues

Quarterly

Please explain

Environmental and water-related risks are addressed regularly at the highest management level by the Executive Leadership Team (ELT). With input from the ELT, along with the Board, the main decision-making power concerning climate risks and strategies is concentrated in five roles: Chief Executive Officer (CEO), Chief Financial Officer (CFO), Chief Operating Officer (COO), Chief Legal Officer (CLO) and the Chief Sustainability Officer (CSO).

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

Chief Financial Officer (CFO)

Water-related responsibilities of this position

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

Frequency of reporting to the board on water-related issues

Quarterly

Please explain

Environmental and water-related risks are addressed regularly at the highest management level by the Executive Leadership Team (ELT). With input from the ELT, along with the Board, the main decision-making power concerning climate risks and strategies is concentrated in five roles: Chief Executive Officer (CEO), Chief Financial Officer (CFO), Chief Operating Officer (COO), Chief Legal Officer (CLO) and the Chief Sustainability Officer (CSO).

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

Chief Operating Officer (COO)

Water-related responsibilities of this position

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

Frequency of reporting to the board on water-related issues

Quarterly

Please explain

Environmental and water-related risks are addressed regularly at the highest management level by the Executive Leadership Team (ELT). With input from the ELT, along with the Board, the main decision-making power concerning climate risks and strategies is concentrated in five roles: Chief Executive Officer (CEO), Chief Financial Officer (CFO), Chief Operating Officer (COO), Chief Legal Officer (CLO) and the Chief Sustainability Officer (CSO).

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

Other C-Suite Officer, please specify
Chief Legal Officer

Water-related responsibilities of this position

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

Frequency of reporting to the board on water-related issues

Quarterly

Please explain

Environmental and water-related risks are addressed regularly at the highest management level by the Executive Leadership Team (ELT). With input from the ELT, along with the Board, the main decision-making power concerning climate risks and strategies is concentrated in five roles: Chief Executive Officer (CEO), Chief Financial Officer (CFO), Chief Operating Officer (COO), Chief Legal Officer (CLO) and the Chief Sustainability Officer (CSO).

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

Chief Sustainability Officer (CSO)

Water-related responsibilities of this position

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

Frequency of reporting to the board on water-related issues

Quarterly

Please explain

Environmental and water-related risks are addressed regularly at the highest management level by the Executive Leadership Team (ELT). With input from the ELT, along with the Board, the main decision-making power concerning climate risks and strategies is concentrated in five roles: Chief Executive Officer (CEO), Chief Financial Officer (CFO), Chief Operating Officer (COO), Chief Legal Officer (CLO) and the Chief Sustainability Officer (CSO).

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	No, and we do not plan to introduce them in the next two years	

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?

No

W6.6

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

No, and we have no plans to do so

W7. Business strategy

W7.1

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

	Are water-related issues integrated?	Please explain
Long-term business objectives	No, water-related issues not yet reviewed, but there are plans to do so in the next two years	An internal Task Force with cross-functional representatives is currently examining the company's water consumption in order to establish company-wide water intensity reduction targets. The time frame is still being reviewed as well. This task force will advise the CSO and Executive Leadership Team on paths to finalize a strategy.
Strategy for achieving	No, water-related issues not yet reviewed, but there are	An internal Task Force with cross-functional representatives is currently examining the company's water consumption in order to establish company-wide water intensity reduction targets. The time frame is still being reviewed as well. This

long-term objectives	plans to do so in the next two years	task force will advise the CSO and Executive Leadership Team on paths to finalize a strategy.
Financial planning	No, water-related issues not yet reviewed, but there are plans to do so in the next two years	In order to execute the strategy, we are investing in several tools that will allow us to inform the decision, including a sustainability metrics database which in final stages of implementation.

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

W7.3

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

	Use of scenario analysis	Comment
Row 1	Yes	In 2022, we conducted a scenario analysis to better understand the physical and transitional risks that we believe are most likely to impact our procurement, supply chain (from suppliers to customers) and operations in the long-term. The findings of this assessment will help inform our strategy going forward.

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	To assess climate-risks and opportunities in line with TCFD recommendations, we selected two International Panel on Climate Change (IPCC) scenarios: - Representative concentration pathways (RCP) 2.6 or well-below 2°C: This scenario enables the assessment of reputational, legal, and regulatory transitional risks and their impact on driving collective action towards mitigating climate change and limiting the average global temperature increase to below 2°C by 2100. - RCP 8.5 or business-as-usual: This scenario enables the assessment of increased frequency and intensity of acute and chronic physical risks such as storms and temperature increases and their impacts on PTVE's procurement, supply chain (from suppliers to customers) and operations in a "business-as-usual" scenario.	We have identified six material climate related risks and two opportunities, including two risks that can be water-related: 1. Impact of extreme weather events on raw material procurement and supply chain 2. Impact of extreme weather events on operations We also identified one water-related opportunity: Resilience in procurement, supply chain and operations	In 2022, we conducted a scenario analysis to better understand the physical and transitional risks that will most likely impact our procurement, supply chain (from suppliers through customers) and operations in the long-term. The findings of this assessment will help inform our strategy going forward.

W7.4

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

Row 1

Does your company use an internal price on water?

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

Please explain

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	Primary reason for not classifying any of your current products and/or services as low water impact	Please explain
Row 1	No, and we do not plan to address this within the next two years	Other, please specify To be evaluated within climate resilience plan.	To be evaluated within climate resilience plan.

W8. Targets

W8.1

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

No, but we plan to within the next two years

W8.1c

(W8.1c) Why do you not have water-related target(s) and what are your plans to develop these in the future?

	Primary reason	Please explain
Row 1	Other, please specify We are in the process of establishing company-wide targets and goals, as well as business-level targets or goals, and intend to finalize by 2025.	We are in the process of setting baselines; establishing measurement processes and tools; identifying potential opportunities for improvement; and considering future investment needs to help us achieve goals.

W9. Verification

W9.1

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

No, but we are actively considering verifying within the next two years

W10. Plastics

W10.1

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

	Plastics mapping	Value chain stage	Please explain
Row 1	Yes	Direct operations Supply chain	Pactiv Evergreen is a manufacturer of food and beverage packaging, made from paper, plastics and other materials.

W10.2

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

	Impact assessment	Value chain stage	Please explain
Row 1	Yes	Direct operations	Pactiv Evergreen is a global partner of Operation Clean Sweep (OCS). We have implemented and continue to share OCS best practices throughout our operations to minimize plastic resin loss to the environment.

W10.3

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

	Risk exposure	Value chain stage	Type of risk	Please explain
Row 1	Yes	Direct operations	Reputational	Increased stakeholder concern: Our stakeholders include investors, customers, consumers, employees, and trade associations that we support. Given the influence of our stakeholder groups, we are increasingly facing pressure to publicly disclose sustainability information, develop long term strategy and growth plans, reduce our environmental footprint, and reduce our plastic waste. In case of inaction, we face the risk of reputational damages that can adversely impact our business in the following ways: • Inaction can result in the loss of investor confidence thereby reducing our access to capital and our market

				valuation • Increased costs of raw materials, carbon prices and energy prices can result in increased product costs for customers and consumers thereby adversely impacting our sales as they not only opt for cheaper products but also eco-friendly products We expect stakeholder concerns to pose greater risks to our business in the well-below-2°C compared to the business-as-usual scenario.

W10.4

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

	Targets in place	Target type	Target metric	Please explain
Row 1	Yes	Plastic polymers Plastic goods	Increase the proportion of post-consumer recycled content in plastic polymers Increase the proportion of renewable content from responsibly managed sources in plastic polymers Increase the proportion of post-consumer recycled content in plastic goods Increase the proportion of renewable content from responsibly managed sources in plastic goods Increase the proportion of our goods that are recyclable in practice and at scale	By 2030, our goal is that 100% of our net revenues will come from products made with recycled, recyclable or renewable materials.

W10.5

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

	Activity applies	Comment
Production of plastic polymers	No	N/A
Production of durable plastic components	No	N/A
Production / commercialization of durable plastic goods (including mixed materials)	No	N/A

Production / commercialization of plastic packaging	Yes	Pactiv Evergreen manufactures food and beverage packaging solutions.
Production of goods packaged in plastics	Yes	Pactiv Evergreen manufactures some finished goods that are packaged in plastic bags or sleeves for food safety purposes.
Provision / commercialization of services or goods that use plastic packaging (e.g., retail and food services)	No	N/A

W10.8

(W10.8) Provide the total weight of plastic packaging sold and/or used, and indicate the raw material content.

	Total weight of plastic packaging sold / used during the reporting year (Metric tonnes)	Raw material content percentages available to report	Please explain
Plastic packaging sold			
Plastic packaging used			

W10.8a

(W10.8a) Indicate the circularity potential of the plastic packaging you sold and/or used.

	Percentages available to report for circularity potential	Please explain
Plastic packaging sold		
Plastic packaging used		

W11. Sign off

W-FI

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

N/A

W11.1

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

	Job title	Corresponding job category
Row 1	Chief Sustainability Officer	Chief Sustainability Officer (CSO)

Submit your response

In which language are you submitting your response?

English

Please confirm how your response should be handled by CDP

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

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

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

Please confirm below

I have read and accept the applicable Terms