

W0. Introduction

W0.1

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

Stoneridge, Inc. is a global designer and manufacturer of highly engineered electrical and electronic components, modules, and systems for the automotive, commercial, off-highway and agricultural vehicle markets. Our products and systems are critical elements in the management of mechanical and electrical systems to improve overall vehicle performance, convenience, and monitoring in areas such as safety and security, intelligence, efficiency, and emissions. Our worldwide footprint is primarily comprised of 21 locations in 11 countries and enables us to supply global and regional automotive, commercial, off-highway, agricultural and other vehicle markets.

W0.2

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

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

W0.3

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

- Argentina
- Brazil
- China
- Estonia
- France
- Germany
- Mexico
- Netherlands
- Sweden
- United Kingdom of Great Britain and Northern Ireland
- United States of America

W0.4

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

USD

W0.5

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

Companies, entities or groups over which operational control is exercised

W0.6

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

Yes

W0.6a

(W0.6a) Please report the exclusions.

Exclusion	Please explain
Sales offices	Our company does not track the water impact in its small sales offices. We expect this to be less than 5% of our total water consumption and provide little exposure to water risk. The only water used at our sales offices is water used for WASH purposes and do not represent significant exclusions.
Warehouses	Our company does not track the water impact in its warehouses. We expect this to be less than 5% of our total water consumption and provide little exposure to water risk. The only water used at our warehouses is water used for WASH purposes and do not represent significant exclusions.

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	SRI
Yes, a CUSIP number	86183P102

W1. Current state

W1.1

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

	Direct use importance rating	Indirect use importance rating	Please explain
Sufficient amounts of good quality freshwater available for use	Important	Neutral	Direct use: Readily available, quality water and potable water supply is important for employee use. Indirect use: Stoneridge does not rely on water in our operations and therefore we remain neutral on the impacts of water quality and availability on our upstream supply chain or our downstream customers. For the reasons described above, we anticipate that our future water dependency will not differ in our direct and indirect operations. As a result, we expect our future water usage will remain reasonably the same with regard to sanitation purposes.
Sufficient amounts of recycled, brackish and/or produced water available for use	Neutral	Neutral	Direct and Indirect use: Stoneridge does not use recycled, brackish and/or produced water in our operations and therefore we remain neutral on the impacts of water quality and availability on our upstream supply chain or our downstream customers. For the reasons described above, we anticipate that our future water dependency will not differ in our direct and indirect operations. We anticipate our future water usage to remain reasonably the same with regard to sanitation purposes and do not anticipate using recycled, brackish and/or produced water in our operational processes.

W1.2

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

	% of sites/facilities/operations	Frequency of measurement	Method of measurement	Please explain
Water withdrawals – total volumes	76-99	Monthly	Flow Meters are used to measure the volume of water. These flow meters are managed by the water utility providers, our company receives monthly invoices from the third-party providers reflecting the water volume.	Our sites monitor their use of water for sanitary purposes and is supplied from the general network. The intake is tracked through utility invoices. It is possible that some of our sales offices may have a lease contract including the cost of water used and consequently may not directly monitor the water. For the reasons described above, we anticipate that our future water dependency will not differ in our direct and indirect operations. We anticipate our future water usage to remain reasonably the same with regard to sanitation purposes and do not anticipate using water in our product or operational processes.
Water withdrawals – volumes by source	76-99	Monthly	Flow Meters are used to measure the volume of water. These flow meters are managed by the water utility providers, our company receives monthly invoices from the third-party providers reflecting the water volume.	Most of our locations get the water from a single source, for example The Hueco Bolson is the principal aquifer for both El Paso and Ciudad Juarez in Chihuahua, Mexico. About 90 percent of water drawn from the aquifer is for public municipal use, serving homes and businesses. The water supplied to our manufacturing site in Juarez has this single source. We estimate that our future water dependency will not differ in our direct and indirect operations. We anticipate our future water usage to remain reasonably the same with regard to sanitation purposes and do not anticipate using water in our product or operational processes.
Entrained water associated with your metals & mining and/or coal sector activities - total volumes [only metals and mining and coal sectors]	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Produced water associated with your oil & gas sector activities - total volumes [only oil and gas sector]	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>

	% of sites/facilities/operations	Frequency of measurement	Method of measurement	Please explain
Water withdrawals quality	76-99	Continuously	Third party providers are responsible for testing the water quality.	Where quality water is required for human rights purposes, we supply the water directly from the network. Local water companies test the water for contaminants. The water that Stoneridge purchases is compliant with the applicable regulations. Groundwater is withdrawn and if used for drinking fulfills the mandatory controls for compliance for human use. For the reasons described above, we anticipate that our future water dependency will not differ in our direct and indirect operations. We anticipate our future water usage to remain reasonably the same with regard to sanitation purposes and do not anticipate using water in our product or operational processes.
Water discharges – total volumes	76-99	Monthly	The intake is tracked (monthly invoices) and the volume discharged is generally considered as almost equivalent and not directly measured.	Since no water is necessary for Stoneridge operational processes, the water for sanitary purposes only is supplied by and released to the network. The intake is tracked (invoices) and the volume discharged is generally considered as almost equivalent and not measured. For the reasons described above, we anticipate that our future water dependency will not differ in our direct and indirect operations. We anticipate our future water usage to remain reasonably the same with regard to sanitation purposes and do not anticipate using water in our product or operational processes.
Water discharges – volumes by destination	76-99	Other, please specify (Frequency varies with regulatory requirements on third party providers.)	Third party providers of non-process water sewerage base changes on amount of water withdrawn.	Since water is not used in Stoneridge operational processes, we have a single destination which is WASH purposes. We anticipate that our future water dependency will not differ in our direct and indirect operations. We anticipate our future water usage to remain reasonably the same with regard to sanitation purposes and do not anticipate using water in our product or operational processes.
Water discharges – volumes by treatment method	Not monitored	<Not Applicable>	<Not Applicable>	Since water is not used in Stoneridge operational processes, we have a single destination which is WASH purposes. We anticipate that our future water dependency will not differ in our direct and indirect operations. We anticipate our future water usage to remain reasonably the same with regard to sanitation purposes and do not anticipate using water in our product or operational processes.
Water discharge quality – by standard effluent parameters	76-99	Other, please specify (Varies by regulatory requirements that apply to specific sites.)	We measure and monitor our major facilities water discharges by quality data from lab results on a regular basis where required by regulatory agencies. The results are tracked by our local sites on their legal requirements database. Parameters measured include Total Suspended Solids (TSS), Total Dissolved Solids (TDS), and Biochemical Oxygen Demand (BOD)	We measure and monitor our major facilities water discharges by quality data from lab results on a regular basis where required by regulatory agencies. The results are tracked by our local sites on their legal requirements database.
Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)	Not monitored	<Not Applicable>	<Not Applicable>	We measure and monitor our major facilities water discharges by quality data from lab results on a regular basis where required by regulatory agencies. The results are tracked by our local sites on their legal requirements database.
Water discharge quality – temperature	Not monitored	<Not Applicable>	<Not Applicable>	Since water is not used in Stoneridge operational processes, we do not monitor water discharge quality - temperature. For the reasons described above, we anticipate that our future water dependency will not differ in our direct and indirect operations. We anticipate our future water usage to remain reasonably the same with regard to sanitation purposes and do not anticipate using water in our product or operational processes.
Water consumption – total volume	Not relevant	<Not Applicable>	<Not Applicable>	Since water is not used in Stoneridge operational processes, we do not consider water consumption relevant. The water for sanitary purposes only is supplied by and released to the network. The intake is tracked (invoices) and the volume discharged is generally considered as almost equivalent. For the reasons described above, we anticipate that our future water dependency will not differ in our direct and indirect operations. This is because we anticipate our future water usage will remain the same with regard to sanitation purposes and do not anticipate starting to use water in our product or operational processes.
Water recycled/reused	76-99	Monthly	Flow Meters are used to measure the volume of water. These flow meters are managed by the water utility providers, our company receives monthly invoices from the third-party providers reflecting the recycled water volume.	We monitor water recycled/reused in all applicable manufacturing sites, specifically at our Juarez, Mexico plant that uses grey water in toilets in our bathroom facilities. We anticipate that our future water dependency will not differ in our direct and indirect operations. We anticipate our future water usage to remain reasonably the same with regard to sanitation purposes and do not anticipate using water in our product or operational processes.
The provision of fully-functioning, safely managed WASH services to all workers	100%	Monthly	Flow Meters are used to measure the volume of water. These flow meters are managed by the water utility providers, our company receives monthly invoices from the third-party providers reflecting the WASH water volume.	We provide fully-functioning, safely managed WASH services in 100% of our facilities. For the reasons described above, we anticipate that our future water dependency will not differ in our direct and indirect operations. We anticipate our future water usage to remain reasonably the same with regard to sanitation purposes and do not anticipate using water in our product or operational processes.

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	47.11	Lower	Increase/decrease in business activity	About the same	Increase/decrease in business activity	Water withdrawals are tracked at our locations through meter readings. Our absolute withdrawal of water decreased by 16.2% between 2021 and 2022. Water is required for human rights purposes, during 2022 our Lexington and Tallinn manufacturing facilities had a substantial decrease in equivalent headcount or total hours worked by employees. The hours worked for Lexington were 12% less in 2022 compared to 2021 and Tallinn had a 6% reduction in hours worked in 2022 compared to 2021. In addition, many of our facilities continue to leverage remote work model for indirect support. We expect future consumption to remain about the same as 2022.
Total discharges	47.11	Lower	Increase/decrease in business activity	About the same	Increase/decrease in business activity	Water withdrawals are tracked at our locations through meter readings, and we made the determination that withdrawals and discharges were the same because no water is used in products or processes. Water is required for human rights purposes.
Total consumption	0	About the same	Other, please specify (Consumption is zero and was calculated by subtracting the total water discharge from total water withdrawn.)	About the same	Other, please specify (Consumption is zero and was calculated by subtracting the total water discharge from total water withdrawn.)	Because we do not consume water in products or processes, we assume our discharge and withdrawal are the same. Therefore, our consumption is zero, but we still monitor it. Consumption is zero and was calculated by subtracting the total water discharge from total water withdrawn.

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	26-50	About the same	Increase/decrease in business activity	About the same	Increase/decrease in business activity	WRI Aqueduct	This analysis was conducted using the WRI Aqueduct Country Rankings tool, which provides the average exposure to water risk indicators. Our manufacturing facility in Juarez Mexico is in the state of Chihuahua, Mexico. This state is classified area with water stress .

W1.2h

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

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Please explain
Fresh surface water, including rainwater, water from wetlands, rivers, and lakes	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Since water is not used in Stoneridge operational processes, we do not withdraw any relevant quantity of water from this source.
Brackish surface water/Seawater	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Since water is not used in Stoneridge operational processes, we do not withdraw any relevant quantity of water from this source.
Groundwater – renewable	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Since water is not used in Stoneridge operational processes, we do not withdraw any relevant quantity of water from this source.
Groundwater – non-renewable	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Since water is not used in Stoneridge operational processes, we do not withdraw any relevant quantity of water from this source.
Produced/Entrained water	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Since water is not used in Stoneridge operational processes, we do not withdraw any relevant quantity of water from this source.
Third party sources	Relevant	47.11	Lower	Increase/decrease in business activity	Water withdrawals are tracked at our locations through meter readings. Our absolute withdrawal of water decreased by 16.2% between 2021 and 2022. Water is required for human rights purposes, during 2022 our Lexington and Tallinn manufacturing facilities had a substantial decrease in equivalent headcount or total hours worked by employees. The hours worked for Lexington were 12% less in 2022 compared to 2021 and Tallinn had a 6% reduction in hours worked in 2022 compared to 2021. In addition, many of our facilities continue to leverage remote work model for indirect support. We expect future consumption to remain about the same as 2022.

W1.2i

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

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Please explain
Fresh surface water	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Since water is not used in Stoneridge operational processes, we do not discharge any relevant quantity of water from to this destination.
Brackish surface water/seawater	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Since water is not used in Stoneridge operational processes, we do not discharge any relevant quantity of water from to this destination.
Groundwater	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Since water is not used in Stoneridge operational processes, we do not discharge any relevant quantity of water from to this destination.
Third-party destinations	Relevant	47.11	Lower	Increase/decrease in business activity	Water withdrawals are tracked at our locations through meter readings. Our absolute withdrawal of water decreased by 16.2% between 2021 and 2022. Water is required for human rights purposes, during 2022 our Lexington and Tallinn manufacturing facilities had a substantial decrease in equivalent headcount or total hours worked by employees. The hours worked for Lexington were 12% less in 2022 compared to 2021 and Tallinn had a 6% reduction in hours worked in 2022 compared to 2021. In addition, many of our facilities continue to leverage remote work model for indirect support. We expect future consumption to remain about the same as 2022.

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	899923000	47.11	19102589.683719	We expect future efficiency to remain about the same as 2022.

W1.4

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

	Products contain hazardous substances	Comment
Row 1	Unknown	

W1.5

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

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

W1.5a

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

Row 1

Assessment of supplier impact

Yes, we assess the impact of our suppliers

Considered in assessment

Procurement spend

Number of suppliers identified as having a substantive impact

0

% of total suppliers identified as having a substantive impact

None

Please explain

We utilized our third-party partner, IntegrityNext to assess 104 suppliers to determine their potential impact on water security. We engage with our supply chain through a Supplier Code of Conduct which speaks to our expectations in terms of environmental impacts. Engagement with our supply chain is measured via a scoring methodology or % of compliance through our Integrity Next platform. The score given to the suppliers improves as their responses align with our requirements, for example suppliers will increase their score if they have established KPIs that drive water conservation. We will continue to prioritize our own operations' impact and roll out other expectations through the supply chain progressively.

W1.5b

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

	Suppliers have to meet specific water-related requirements	Comment
Row 1	No, but we plan to introduce water-related requirements within the next two years	

W1.5d

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

Type of engagement

No other supplier engagements

Details of engagement

<Not Applicable>

% of suppliers by number

<Not Applicable>

% of suppliers with a substantive impact

<Not Applicable>

Rationale for your engagement

We engage with our supply chain through a Supplier Code of Conduct which speaks to our expectations in terms of environmental impacts. Engagement with our supply chain is measured via a scoring methodology or % of compliance through our Integrity Next platform. The score given to the suppliers improves as their responses align with our requirements, for example suppliers will increase their score if they have established KPIs that drive water conservation. We will continue to prioritize our own operations' impact and roll out other expectations through the supply chain progressively.

Impact of the engagement and measures of success

<Not Applicable>

Comment

W1.5e

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

Type of stakeholder

Customers

Type of engagement

Education / information sharing

Details of engagement

Other, please specify (We engage with our customers through transparency in our sustainability efforts.)

Rationale for your engagement

We engage with our customers through transparency in our sustainability efforts. We confirm our compliance with relevant Customer Supplier Codes of Conduct and strive to align those expectations throughout our own supply chain. Additionally, Stoneridge's Supplier Code of Conduct speaks to our expectations in terms of environmental impacts.

Impact of the engagement and measures of success

Impact of engagement is positive sustainability ratings. Measures of success are the ongoing contract awards.

W2. Business impacts

W2.1

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

No

W2.2

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

	Water-related regulatory violations	Fines, enforcement orders, and/or other penalties	Comment
Row 1	No	<Not Applicable>	

W3. Procedures

W3.1

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

	Identification and classification of potential water pollutants	How potential water pollutants are identified and classified	Please explain
Row 1	Yes, we identify and classify our potential water pollutants	Yes, we identify and classify our potential water pollutants. The pollutants measured are in alignment with local regulations and the Clean Water Act (CWA) standard. Our process and policies include engaging a third-party lab to collect water discharge samples at the time of the government sampling activities. The water pollutants are compared to the permissible limits and, if necessary, actions to remediate any non-conformity are put in place. Metrics and indicators that help identify potential water pollutants include but are not limited to Total Suspended Solids (TSS), Total Dissolved Solids (TDS), and Biochemical Oxygen Demand (BOD)	<Not Applicable>

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

Other nutrients and oxygen demanding pollutants

Description of water pollutant and potential impacts

Biological Oxygen Demand (BOD) is one of the pollutant categories that we monitor where applicable. BOD has an impact on water ecosystems. The consequences of high BOD levels are that aquatic organisms can become stressed, suffocate and die.

Total Suspended Solids (TSS) are often related to an increase of BOD. TSS are the most visible indicators of water quality, high levels of TSS impact the clarity of the water and can negatively impact underwater vegetation.

Value chain stage

Direct operations

Actions and procedures to minimize adverse impacts

Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements

Upgrading of process equipment/methods

Please explain

Our main source of oxygen demanding pollutants is waste from the cafeteria. We have implemented a process to segregate organic waste from food trays and pots (that waste is disposed separately, and it is not discharged into the main drain); we have a process of prewashing the dishes so that oils and greases are removed and the water from the pre-rinse process is handled by a third-party treatment provider. Where applicable, weekly maintenance and cleaning of oil and grease trap is carried out by external suppliers. In addition, detection methods have been implemented to monitor water discharges parameters. Success is measured by meeting target limits on the external government audits.

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 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

Tools and methods used

Environmental Impact Assessment

Contextual issues considered

Water regulatory frameworks

Access to fully-functioning, safely managed WASH services for all employees

Stakeholders considered

Customers

Employees

Local communities

Regulators

Water utilities at a local level

Comment

Value chain stage

Supply chain

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

Tools on the market

Tools and methods used

Other, please specify (IntegrityNext)

Contextual issues considered

Implications of water on your key commodities/raw materials

Water regulatory frameworks

Access to fully-functioning, safely managed WASH services for all employees

Stakeholders considered

Customers

Employees

Local communities

Regulators

Suppliers

Water utilities at a local level

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	Our annual environmental assessment is the risk assessment method performed by each site under the ISO 14001 framework. This process includes full coverage and includes all of our direct operations. The assessment identifies environmental aspects and their impact to the environment. The outcomes of the risk assessment are used to inform the internal decision-making process by developing improvement plans for aspects with a significant environmental impact. Currently, our organization has invited 104 of our direct suppliers, representing 42% of the total procurement spend, to report their efforts around environmental protection including whether they have established KPIs to monitor the relevant environmental impact. The complexity of our supply chain does not allow us to go further than this level of engagement.	Water regulatory frameworks: Site-specific assessments determine the water risk within the region and for that specific plant. Sites located in water stressed regions monitor water usage and set appropriate targets and action plans. All water consumption data for all manufacturing sites is monitored at a corporate level. Access to fully functioning, safely managed WASH services for all employees was selected due to scarcity of water has been identified at our Juarez, Mexico.	Customers require disclosure of our water usage. Employees need water for safe usage. Local Communities must be protected for any negative impact that our operations can have on water security. Regulators - we are subject to a range of permissible limits of substances for water discharges in our operations. Water utilities at a local level - we depend on their supply of quality water for human consumption. Suppliers: we conduct supplier assessments and obtain certification from our suppliers to confirm their compliance with the relevant sustainability standards.	Stoneridge procurement qualifies and monitors our direct suppliers to improve sustainability and compliance and to meet customer demands and regulatory requirements. Currently, our organization has invited 104 of our direct suppliers, representing 42% of the total procurement spend, to report their efforts around environmental protection including whether they have established KPIs to monitor the relevant environmental impact. The complexity of our supply chain does not allow us to go further than this level of engagement. Access to fully functioning, safely managed WASH services for all employees: The severity of this risk (likeliness and impact) is determined based on the local data available (historical events, regional statistics), and through common knowledge derived from other stakeholders. Mitigation plans are decided and exercised as much as necessary and described in our environmental assessment plans. This can include preventative maintenance to water lines for prompt identification and repair of leaks; continuing to use recycled water for bathrooms; replacing standard water faucets with high efficiency faucets.

W4. Risks and opportunities

W4.1

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

No

W4.1a

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

Substantive financial or strategic impact on our business is assessed within Stoneridge’s Enterprise Risk Management (ERM) process. More specifically, substantive financial or strategic impact is evaluated at the enterprise level based upon input across all business units, geographies and throughout various levels within the organization. The ERM process focuses on evaluating Stoneridge’s exposure to each of the top risks identified based on the extent to which the risk event might affect Stoneridge (impact), the possibility that the risk event will occur (likelihood) and the time it takes for the risk event to manifest (speed). Risks are evaluated based on internally assessed dollar amounts, using a range from no impact to the financial statements to 15% forecasted Earnings Before Interest Tax Depreciation and Amortization (“EBITDA”) or greater, relative to the reporting period. These internally assessed values are net of potential mitigation activities.

W4.2b

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

	Primary reason	Please explain
Row 1	Risks exist, but no substantive impact anticipated	Risks exist but pose no substantive risk because Stoneridge does not rely on water in our operations and uses water only for human rights purposes. For example, in Juarez, Mexico it may eventually be more expensive to acquire fresh water for human consumption; however, no impact to revenues or manufacturing of our products is anticipated.

W4.2c

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

	Primary reason	Please explain
Row 1	Risks exist, but no substantive impact anticipated	Our on-time delivery score for our supply chain captures the main reasons for missing shipments from our supply base to our manufacturing locations. The result of this metric demonstrates that that water risk is not substantive as their manufacturing operations have not been disrupted due to water security and they are meeting reliable supply requirements as a result of mitigating water risks.

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

Other

Primary water-related opportunity

Other, please specify (Domestic freshwater conservation)

Company-specific description & strategy to realize opportunity

Domestic freshwater conservation is considered strategic for our sites because our sites rely on fresh water for human consumption/WASH to operate efficiently. All of our sites are encouraged to implement actions which will result in reduction of water usage. For example, our sites are progressively installing high-efficiency faucets in order to conserve and reduce freshwater usage. We also look for other recycling opportunities. We have placed priority on our Juarez, Mexico site due to water scarcity and as a result, use recycled water in the bathrooms.

Estimated timeframe for realization

1 to 3 years

Magnitude of potential financial impact

Low

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

1400

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact

The financial impact is estimated in the following way: The cubic meter of recycled water is around \$0.50 less expensive than fresh water. We utilize around 2,800 cubic meters of recycled water ($\$0.50 \times 2,800$) = \$1,400. We recognize that our water conservation savings are not significant, but the soft savings are more relevant because we are ensuring the continuation of our business and operations in this key location by improving reputation and enhancing relationships with local stakeholders.

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
Board-level committee	<p>The highest level of oversight on sustainability issues lies within the Board of Directors. The Compliance & Ethics ("C&E") Committee oversees the Company's policies, strategies and performance related to sustainability matters and corporate social responsibility, except where delegated to other Board committees. The C&E committee reviews these matters with management, at least annually, and provide updates to the Board. Stoneridge's Director of Compliance and EHS updates the C&E Committee on a quarterly basis regarding Stoneridge's ongoing sustainability efforts and the ESG Committee's activities.</p> <p>The C&E Committee oversees the cross-functional team (the "ESG Committee") leading the development of the ESG strategy roadmap and frameworks for ESG reporting, including sustainability initiatives/decisions. For example, our efforts include:</p> <ul style="list-style-type: none"> * Expanded responsibility in the Compliance & Ethics Committee Charter * Engagement of external sustainability consultants * Submission of 2022 CDP public water disclosure * Remediation of past CDP, ISS, and other reporting agencies disclosures to improve ESG ratings * Peer benchmarking and ESG reporting gap analysis

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 - all meetings	<p>Overseeing value chain engagement</p> <p>Reviewing and guiding annual budgets</p> <p>Reviewing and guiding strategy</p>	<p>The Compliance & Ethics (C&E) Committee of the Board reviews the ongoing efforts of the ESG Committee and collaboration with an external sustainability partner to further develop and implement a robust sustainability strategy within Stoneridge. The C&E Committee updates the BOD at regularly scheduled meetings and no less than four times per year. The Audit Committee would review any water-related issues that need to be disclosed in a public filing.</p>

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	<p>Per the Nominating and Corporate Governance Committee charter, the criteria used to assess competence of board member(s) on water-related issues include skill and experience in the context of the needs of the Board. The Committee shall conduct searches for prospective Board members whose skills and characteristics reflect those desired and may consider candidates proposed by the Chief Executive Officer. The Committee shall select prospective Board members who have the highest personal and professional integrity, who have demonstrated exceptional ability and judgment and who the Committee believes will be effective, in conjunction with the other members of the Board, in collectively serving the long-term interests of the stockholders.</p>	<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 (Chief Human Resources Officer and Assistant General Counsel - Labor & Employment (CHRO))

Water-related responsibilities of this position

Managing value chain engagement on water-related issues
 Integrating water-related issues into business strategy
 Managing annual budgets relating to water security

Frequency of reporting to the board on water-related issues

Quarterly

Please explain

Beyond the C&E Board Committee, the Chief Human Resource Officer and Assistant General Counsel - Labor & Employment (CHRO) has oversight and operational management of the development of a sustainability strategy. The ESG committee (comprised of members from Compliance, Environmental Health and Safety, and Investor Relations) meets regularly to oversee and monitor progress on our sustainability initiatives and to develop strategies to reduce Stoneridge's impact on the environment. A key member of the ESG committee is the Director of Compliance and EHS who reports to the Chief Human Resource Officer - placing sustainable development efforts at the heart of the compliance organization. Once fully developed, our sustainability strategy will include revised site-specific targets for water consumption reductions in operations. These efforts will be driven by the ESG Committee with executive leadership oversight.

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	Stoneridge does not rely on water in our operations and uses water only for human rights purposes.

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?

Yes (you may attach the report - this is optional)
 SRI-2022-12-31-10K.pdf

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	No, water-related issues were reviewed but not considered as strategically relevant/significant	5-10	Stoneridge does not rely on water in our operations and uses water only for human rights purposes.
Strategy for achieving long-term objectives	No, water-related issues were reviewed but not considered as strategically relevant/significant	5-10	Stoneridge does not rely on water in our operations and uses water only for human rights purposes.
Financial planning	No, water-related issues were reviewed but not considered as strategically relevant/significant	5-10	Stoneridge does not rely on water in our operations and uses water only for human rights purposes.

W7.2

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

Row 1

Water-related CAPEX (+/- % change)

0

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

0

Water-related OPEX (+/- % change)

0

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

0

Please explain

Stoneridge's CAPEX/OPEX has remained the same compared to the previous reporting year since Stoneridge continues to not rely on water in our operations and uses water only for human rights purposes.

W7.3

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

	Use of scenario analysis	Comment
Row 1	No, but we anticipate doing so within the next two years	We are in the planning stage of a climate scenario analysis which will consider physical risks that include water scarcity and are gathering data and formulating the key questions to be asked of the analysis. We anticipate the analysis will commence within the next two years.

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

Stoneridge does not rely on water in our operations and uses water only for human rights purposes. Water comes from city network.

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, and we do not plan to address this within the next two years	<Not Applicable>	Judged to be unimportant, explanation provided	Our products do not consume or discharge water during use.

W8. Targets

W8.1

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

Yes

W8.1a

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

	Target set in this category	Please explain
Water pollution	No, and we do not plan to within the next two years	Stoneridge does not rely on water in our operations and uses water only for human rights purposes.
Water withdrawals	Yes	<Not Applicable>
Water, Sanitation, and Hygiene (WASH) services	Yes	<Not Applicable>
Other	No, and we do not plan to within the next two years	Stoneridge does not rely on water in our operations and uses water only for human rights purposes.

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

Target reference number

Target 1

Category of target

Water withdrawals

Target coverage

Site/facility

Quantitative metric

Reduction of water withdrawals from municipal supply or other third party sources

Year target was set

2019

Base year

2019

Base year figure

11.01

Target year

2020

Target year figure

10.9

Reporting year figure

10.42

% of target achieved relative to base year

536.363636363639

Target status in reporting year

Achieved

Please explain

The water consumption in Juarez in 2019 was 18,137 kiloliters and the equivalent employees were 1,647. The 2019 consumption rate was calculated as $(18,137/1,647=11.011)$. In 2020 the total water consumption was 18,742 kiloliters and the equivalent employees were 1,797. The 2020 consumption rate was calculated as $(18,742/1,797=10.427)$. The reduction in water consumption per equivalent employee is 5.3% which is greater than the 1% target. The reduction in water consumption is greater than 1% therefore 100% of the target was achieved.

Target reference number

Target 2

Category of target

Water, Sanitation and Hygiene (WASH) services

Target coverage

Site/facility

Quantitative metric

Other, please specify (Reduction of water withdrawal per equivalent employee)

Year target was set

2021

Base year

2021

Base year figure

4.86

Target year

2022

Target year figure

4.76

Reporting year figure

4.11

% of target achieved relative to base year

749.999999999996

Target status in reporting year

Achieved

Please explain

The water consumption in Juarez in 2021 from January to June was 8,443 cubic meters and the equivalent employees were 1,737. The 2021 consumption rate was calculated as $(8,443/1,737=4.86)$. In 2022 the total water consumption from January to June was 7,317 cubic meters and the equivalent employees were 1,777. The 2022 consumption rate was calculated as $(7,317/1,777=4.11)$. The reduction in water consumption is 15% which is greater than 2% therefore 100% of the target has been achieved from January to June.

W9. Verification

W9.1

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

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

W10. Plastics

W10.1

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

	Plastics mapping	Value chain stage	Please explain
Row 1	Please select	<Not Applicable>	

W10.2

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

	Impact assessment	Value chain stage	Please explain
Row 1	Please select	<Not Applicable>	

W10.3

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

	Risk exposure	Value chain stage	Type of risk	Please explain
Row 1	Please select	<Not Applicable>	<Not Applicable>	

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	Please select	<Not Applicable>	<Not Applicable>	

W10.5

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

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

W11. Sign off

W-FI

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

W11.1

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

	Job title	Corresponding job category
Row 1	Chief Human Resources Officer and Assistant General Counsel	Other C-Suite Officer

SW. Supply chain module

SW0.1

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

	Annual revenue
Row 1	

SW1.1

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

SW1.2

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

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

SW2.1

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

SW2.2

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

No

SW3.1

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

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.

No

Please confirm below

I have read and accept the applicable Terms

