Welcome to your CDP Water Security Questionnaire 2019

W0. Introduction

W0.1

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

Sainsbury's commitment to helping customers live well for less has been at the heart of what we do since the business was founded in 1869. Today that means making our customers' lives better and easier every day by offering great quality and service at fair prices – across food, clothing, general merchandise and financial services – whenever and wherever they want to shop.

As our customers' lives change, so does our business. Sainsbury's acquired Home Retail Group, the owner of Argos and Habitat, in 2016, welcoming 30,000 new colleagues and creating one of the UK's leading food, general merchandise and clothing retailers - a multi-product, multi-channel business with fast delivery networks. J Sainsbury plc operates over 600 Sainsbury's supermarkets and more than 800 Sainsbury's Local convenience stores, as well as over 800 Argos stores – more than 2,200 locations in total. In addition, we have major online channels for food, clothing, general merchandise and financial services. We sell over 90,000 products and employ 178,000 colleagues across the UK and Ireland. The iconic Habitat furniture and home furnishings brand operates out of five stand-alone stores as well as twelve Mini Habitats in Sainsbury's supermarkets. Sainsbury's Bank offers accessible financial services products such as credit cards, insurance, travel money and personal loans that reward customers.

The Sainsbury's brand is built upon a heritage of providing customers with healthy, safe, fresh and tasty food. Quality and fair prices go hand-in-hand with a responsible approach to business. Sainsbury's stores have a particular emphasis on fresh food and we strive to continuously innovate and improve products in line with our customer needs. We now have 28 million customer transactions a week and have a market share of 15.3 per cent. We have over 2,300 Sainsbury's supermarkets, convenience stores and Argos stores across the UK and Ireland and growing online businesses.

Our company values sit at the heart of everything we do as a business. We want to be the UK's most trusted retailer, where people love to work and shop. By working to a set of guiding principles, we are able to run our business in an honest, ethical and sustainable way.

In a fast-changing world, ethical, environmental and social issues are becoming increasingly complex and therefore we always work closely with colleagues, customers, suppliers, government, researchers, community groups, NGOs and industry experts to develop forward-

thinking programmes that work alongside our core values. Our aim is to provide shoppers with affordable, quality products that are sustainably and ethically sourced. We remain convinced that a long-lasting business has to be a value driven one and we have continued to adhere to this with another full year of activity in the corporate responsibility sphere.

Our Sustainability Plan, structured around our values, is made up of stretching targets to track our progress on the most material issues for our customers, colleagues, stakeholders and business today and for the coming years. It is our roadmap for addressing the opportunities and challenges that are relevant to our business and the wider world. As part of our commitment we have set targets to reduce our absolute water consumption and our relative water use, and we have invested in water efficiency measures and rainwater harvesting installations. Having achieved our 2020 target to reduce absolute water consumption by 30 per cent compared to 2005/6, we are now focused on maintaining this while continuing to grow our business. We were the first retailer to certify for the Carbon Trust Standard for Water, and in 2017 were awarded the highest score in the UK for CDP Water, maintaining certification in 2018. We are also proud to support The Courtauld Commitment 2025, which is a collective action approach that aims to improve the quality and availability of water in key sourcing areas in the UK, and helps inform our approach to setting and monitoring our water targets.

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	March 11, 2018	March 10, 2019

W0.3

(W0.3) Select the countries/regions for which you will be supplying data.

Ireland

United Kingdom of Great Britain and Northern Ireland

W0.4

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

GBP

W0.5

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

Companies, entities or groups over which operational control is exercised

W0.6

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

No

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	We mainly use freshwater in our operations through taps and bathrooms used by our employees, customers, and bakeries. In the UK, where most of our direct operations are, we are required to provide an adequate supply of drinking water for all our employees, as per the Workplace (Health, Safety and Welfare) Regulations 1992 (Regulation 22). If no water of drinkable quality were to be available, we would not legally be allowed to operate our workplaces as we could be liable to criminal prosecution and/or fines. Good quality freshwater is therefore vital for our operations. In our value chain, our main use of freshwater is in the production of goods we sell. For example, freshwater is crucial for livestock and their resulting products. Our meat, dairy and egg products form an important part of goods sold. We have therefore identified this as vital for our operations. We do not expect the importance to change, as good quality freshwater is crucial to several aspects of our business.
Sufficient amounts of recycled, brackish and/or produced	Important	Important	Our primary use of non-fresh water in direct operations is for our rainwater harvesting and car washes. We have labelled this usage as important, as the water we use is not for human

water available for use			consumption and quality is therefore of lesser importance, but its availability is required for our operations. We install rainwater harvesting systems at all our new stores as standard. In our value chain, the primary use of non-fresh water is for agriculture and other water-intensive activities such as cotton and leather production. We have labelled this as important because water of rainwater quality is sufficient in quality for use and availability is important for certain parts of our supply chain. We do not expect this importance to change, as non-fresh water is inherently important to several aspects of our business.

W1.2

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

	% of sites/facilities/operations	Please explain
Water withdrawals – total volumes	100%	We continue to monitor our water withdrawals. We obtain most of our water from water suppliers, so understanding how much we are using through these sources is vital for understanding the impact on our operational costs. We also have rainwater harvesting facilities at several sites that we monitor. Our water suppliers are contractually obliged to monitor our water withdrawals by taking regular meter readings. Our supermarkets, depots and petrol stations are monitored monthly, whereas withdrawals from our convenience stores and Argos locations are captured every two months. Water withdrawal data from all our direct operations are based on actual meter readings, and are uploaded, collated and stored in a centralised system (Waterscan); thus, we can derive accurate total water withdrawal volumes. We monitor the volume of rainwater harvested using real-time data loggers, and can access the data on demand.

Water withdrawals – volumes from water stressed areas	100%	We continue to monitor our water withdrawals. We obtain most of our water from water suppliers, so understanding how much we are using through these sources is vital for understanding the impact on our operational costs. We also have rainwater harvesting facilities at several sites that we monitor. Our water suppliers are contractually obliged to monitor our water withdrawals by taking regular meter readings. Since the market opened in April 2017, we entered into a contract whereby all sites would receive monthly or bi-monthly meter readings, adding to the quality of consumption data we have access to at a site level across the portfolio. Water withdrawal data from all our direct operations are based on actual meter readings, and are uploaded, collated and stored in a centralised system. We use the WRI Aqueduct Tool to analyse our water withdrawal volumes from water stressed areas. This allows us to determine which of facilities draw water from areas a high-risk of water scarcity.
Water withdrawals – volumes by source	100%	We continue to monitor our water withdrawals. We obtain most of our water from water suppliers, so understanding how much we are using through these sources is vital for understanding the impact on our operational costs. We also have rainwater harvesting facilities at several sites that we monitor. Our water suppliers are contractually obliged to monitor our water withdrawals by taking regular meter readings. . Since the market opened in April 2017, we entered into a contract whereby all sites would receive monthly or bi-monthly meter readings, adding to the quality of consumption data we have access to at a site level across the portfolio. Water withdrawal data from all our direct operations are based on actual meter readings, and are uploaded, collated and stored in a centralised system (Waterscan). This method of monitoring is

		applicable to withdrawals from all sources of water.
Water withdrawals quality	100%	All water withdrawals are of known quality, either harvested rainwater which is only used for carwashes or from a local water supplier, whose water quality is known and assured. Our water suppliers are contractually obliged to monitor our water withdrawals by taking regular meter readings. Since the market opened in April 2017, we entered into a contract whereby all sites would receive monthly or bi-monthly meter readings, adding to the quality of consumption data we have access to at a site level across the portfolio. Water withdrawal data from all our direct operations are based on actual meter readings, and are uploaded, collated and stored in a centralised system (Waterscan).
Water discharges – total volumes	100%	All our wastewater is discharged to sewers. Discharges are monitored by comparing the difference between water withdrawals and the volume of water that is consumed at each of our facilities (this is standard industry practice). For example, the percentage of water that is returned to the sewer will be different at a supermarket with an on-site bakery and a petrol station, because a considerable amount of water ends up in the products themselves. These figures are collated by our external water consultants and are published monthly, which allows us to monitor any large changes. There is a cost associated with discharging water, so understanding the quantities across our direct operations is necessary for us to assess the impact on our operational costs. Our existing systems enable us to derive accurate total water discharge volumes on an ongoing basis.
Water discharges – volumes by destination	100%	All our wastewater is discharged to sewers. Discharges are monitored by comparing the difference between water withdrawals and the volume of water that is consumed at each of our facilities (this is standard industry practice). For example, the percentage of water that is returned to the sewer will be different at a supermarket with an on-site bakery and a petrol station, because a considerable amount of

		water ends up in the products themselves. These figures are collated by our external water consultants and are published monthly, which allows us to monitor any large changes. There is a cost associated with discharging water, so understanding the quantities across our direct operations is necessary for us to assess the impact on our operational costs. Our existing systems enable us to derive accurate total water discharge volumes by destination on an ongoing basis.
Water discharges – volumes by treatment method	100%	All our wastewater is discharged to sewers and is treated at municipal wastewater treatment facilities. Discharges are monitored by comparing the difference between water withdrawals and the volume of water that is consumed at each of our facilities (this is standard industry practice). For example, the percentage of water that is returned to the sewer will be different at a supermarket with an on-site bakery and a petrol station, because a considerable amount of water ends up in the products themselves. These figures are collated by our external water consultants and are published monthly, which allows us to monitor any large changes. There is a cost associated with discharging water, so understanding the quantities across our direct operations is necessary for us to assess the impact on our operational costs. Our existing systems enable us to derive accurate total water discharge volumes by destination on an ongoing basis.
Water discharge quality – by standard effluent parameters	100%	All water from our facilities is disposed via local municipality sewerage and therefore falls within the required parameters as stipulated by our water carriers. These parameters cover aspects such as limits on discharge quantities and rates, chemical thresholds, and matter to be excluded. Compliance with these parameters can be monitored and inspected at any time without notice by the water carriers, and to date, we have not received any notification that we have breached any of our standing agreements. In addition, we include operating guidelines around

		water discharge quality in our Colleague On-boarding, which is required reading for all employees.
Water discharge quality – temperature	100%	All water from our facilities is disposed via local municipality sewerage and therefore falls within the required parameters as stipulated by our water carriers. These parameters cover aspects such as limits on the temperature of the water to be discharged. Compliance with the stipulated parameters can be monitored and inspected at any time without notice by the water carriers, and to date, we have not received any notification that we have breached any of our standing agreements.
Water consumption – total volume	100%	We monitor our water consumption monthly through our water consultants. Most of our water use is from freshwater supplied by our water suppliers, so understanding how much we are using is vital for understanding the impact on our operational costs. Monitoring our consumption also helps us to understand the efficacy of the water measures we have put in place across our estate and our progress against our water consumption targets.
Water recycled/reused	100%	Although this water aspect is monitored by our consultants at each facility, we do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.
The provision of fully-functioning, safely managed WASH services to all workers	100%	We continue to monitor our water withdrawals. We obtain most of our water from water suppliers, so understanding how much we are using through these sources is vital for understanding the impact on our operational costs. We also have rainwater harvesting facilities at several sites that we monitor. Our water suppliers are contractually obliged to monitor our water withdrawals by taking regular meter readings. Since the market opened in April 2017, we entered into a contract whereby

		all sites would receive monthly or bi-monthly meter readings, adding to the quality of consumption data we have access to at a site level across the portfolio. Water withdrawal data from all our direct operations are based on actual meter readings, and are uploaded, collated and stored in a centralised system (Waterscan). The provision of WASH services to our staff is dictated by legislation, and is a priority at all our locations.

W1.2b

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

	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Total withdrawals	3,149	About the same	We source most of our freshwater from municipal supplies, with a small portion coming from on-site rainwater harvesting installations. The slight increase in total withdrawals represents a change in our store numbers and an improvement in data quality. The fluctuation of our water withdrawals in future years will depend primarily on the addition or removal of facilities from our estate. We are not anticipating any large changes in the coming reporting year.
Total discharges	3,069	Higher	All our wastewater is discharged through sewers. The increase in total discharges represents a change in our store numbers and an improvement in data quality. The fluctuation of our water discharges in future years will depend primarily on the addition or removal of facilities from our estate. We are not anticipating any large changes in the coming reporting year.
Total consumption	80	Lower	We have calculated our consumption by subtracting our discharges from our incoming water supplies. The decrease in total consumption represents an improvement in data quality and the roll-out of water savings

			initiatives across the estate (e.g. new taps and fixing leaks promptly). We anticipate that our total consumption will not change significantly next year, and may be even lower due to the implementation of further water savings initiatives. We have checked that our volumes balance by using the following formula: W = D + C, where W = total withdrawals, D = total discharges, and C = total consumption. For our operations, the figures are 3,140 = 30,060 + 80. The figures balance.

W1.2d

(W1.2d) Provide the proportion of your total withdrawals sourced from water stressed areas.

	% withdrawn from stressed areas	Comparison with previous reporting year	Identification tool	Please explain
Row 1	64	About the same	WRI Aqueduct	We have used the WRI Aqueduct tool to determine that 64% of the water withdrawn by our organisation is from stressed areas. This has remained about the same as our previous reporting year as our sites have remained largely unchanged compared to the previous year. We chose WRI Aqueduct because of its strong reputation and credibility for measuring, mapping and analysing various water risks around the globe. The tool was recently the topic of a joint webinar between CDP and WRI. Arriving at the 64% figure involved collating the water withdrawal figures and the precise geographic locations of our entire UK & Ireland portfolio. This data was then uploaded into the WRI Aqueduct tool, which revealed our facilities with low, medium and high water stress. The figures were then analysed to reveal the proportion of total withdrawals from

				water stressed areas, which we defined in line with CDP guidance as being equal to/greater than high: 40-80%.

W1.2h

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

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Fresh surface water, including rainwater, water from wetlands, rivers, and lakes	Relevant	32	Lower	This figure is entirely from rainwater harvesting. There is no other water taken from the surrounding environment. Although we are considering rolling out rainwater harvesting across additional sites in the near future, the contribution of this source to the overall water consumption will remain negligible in coming years. The reason why we have lower rainwater collection this year compared to the previous reporting period is because we have estimated more water consumption across our estate.
Brackish surface water/Seawater	Not relevant			We source water exclusively from municipal water supplies and harvested rainwater, and do not require brackish surface water for our operations. We do not anticipate any consumption from this water source in the future.
Groundwater – renewable	Not relevant			We source water exclusively from municipal water supplies and harvested rainwater, and do not require renewable

				groundwater for our operations. We do not anticipate any consumption from this water source in the future.
Groundwater – non-renewable	Not relevant			We source water exclusively from municipal water supplies and harvested rainwater, and do not require non-renewable groundwater for our operations. We do not anticipate any consumption from this water source in the future.
Produced/Entrained water	Not relevant			We source water exclusively from municipal water supplies and harvested rainwater, and do not require produced water for our operations. We do not anticipate any consumption from this water source in the future.
Third party sources	Relevant	3,116	Higher	We source most of our freshwater from municipal suppliers. The increase in in withdrawals from third party sources represents a change in our store numbers and an improvement in data quality. We anticipate that our total withdrawals will remain very similar next year.

W1.2i

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

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Fresh surface water	Not relevant			We only dispose of water through municipal waste water treatment,

				so have no discharges to surface water. We have no plans to discharge any of our water to fresh surface water in the future, so this figure is not expected to change in the coming years.
Brackish surface water/seawater	Not relevant			We only dispose of water through municipal waste water treatment, so have no discharges to surface water. We have no plans to discharge any of our water to brackish surface water/seawater in the future, so this figure is not expected to change in the coming years.
Groundwater	Not relevant			We only dispose of water through municipal waste water treatment, so have no discharges to groundwater. We have no plans to discharge any of our water to groundwater in the future, so this figure is not expected to change in the coming years.
Third-party destinations	Relevant	3,069	Higher	All our water is discharged through municipal wastewater treatment. This amount has increased proportionally with our water withdrawals, and we anticipate that our total withdrawals (and therefore discharges) will remain very similar next year.

W1.2j

(W1.2j) What proportion of your total water use do you recycle or reuse?

	% recycled and reused	Comparison with previous reporting year	Please explain
Row 1	None	About the same	We did not recycle or reuse any of our water last year or this year. As such, these practices did not impact our water consumption last year or this year.

			As part of our sustainability commitments we have set targets to reduce our absolute water consumption and our relative water use per square foot sales area, and we have invested in water efficiency measures and rainwater harvesting installations to reduce our water usage. As a result, we have reduced our absolute consumption by 30% in 2018/19 relative to 2005/06. We have also reduced our relative water use by 57% during the same period. With our ongoing commitments, we will increase installations of RWH facilities across our estate, but as we focus on demand reduction and process efficiency rather than re-use, we do not expect to dramatically increase the percentage of on-site water reuse and recycling in the near future.

W1.4

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

Yes, our suppliers

Yes, our customers or other value chain partners

W1.4a

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

Row 1

% of suppliers by number

76-100%

% of total procurement spend

76-100

Rationale for this coverage

We request all growers/farmers that supply Sainsbury's to be accredited by Red Tractor (UK) or Global Gap. We request these suppliers to report on water use, risk and management to demonstrate due diligence, and to ensure continuity of supply, quality of product and responsible sourcing. Reporting is a supplier pre-qualification requirement and there are no other incentives provided by us to the suppliers. If suppliers lose accreditation to either one of the schemes that apply to them, they risk failing to meet our requirements and may be unable to supply us in the future.

We also plan to engage with all of our own brand suppliers where they supply any of our key raw materials. We are piloting our Sustainability Performance Assessment (SPA) tool (measuring water amongst other metrics) with these suppliers. Suppliers, farmers

and growers are incentivised to report because the SPA tool enables them to measure their business sustainability and create action plans against the results.

Impact of the engagement and measures of success

We request that growers/farmers supply to our records of water use and crop-specific water risk assessments covering all water used in crop production annually. This allows Sainsbury's to assess where suppliers or growers have a concern around water availability, access or quality. We can also benchmark water use by country/product/grower and identify best practice. We use the reported information to measure success by analysing data to understand where improvements have been made in management techniques.

In addition, the SPA evaluates farm-level risks across four key water-related areas (amongst others), including 1) efficient and cost-effective consumption; 2) control of water quality impacts; 3) sustainable use within catchment constraints; and 4) restoration/conservation of aquatic ecosystems. We use the outputs from the SPA to measure and monitor progress and benchmark sites, and measure success through improvements across metrics related to these four water-related areas.

Comment

n/a

W1.4b

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

Type of engagement

Innovation & collaboration

Details of engagement

Encourage/incentivize innovation to reduce water impacts in products and services

% of suppliers by number

76-100

% of total procurement spend

76-100

Rationale for the coverage of your engagement

Sainsbury's aims to engage with all suppliers to some degree on water-related issues. However, due to the diversity of risks faced by (and opportunities available to) our suppliers across different product lines and geographies, we do not engage all of them as part of an overarching initiative. Instead, we tailor our engagement and focus on issue areas where we perceive the highest potential positive outcomes. So while our engagement programmes do not individually cover greater than three-quarters of our suppliers by number and procurement spend, the combined coverage of our programmes is comprehensive.

We do believe that working with our suppliers will help us foster innovation and collaboration, and encourage the reduction of our upstream water impacts.

Impact of the engagement and measures of success

The More Crop per Drop initiative is an R&D project with Vitacress Herbs and the University of Southampton, funded by Sainsbury's. It aims to reduce water use and improve the quality of cut and potted herbs by reducing the water supplied to the crop. The research used thermal imaging to assess water use in plants, and now that the project has finished we still work with Vitacress to implement and develop the learnings.

We measure success in this area by tracking our financial contributions: to date we have invested between £900k-£1.2m in R&D related to sustainable sourcing of fresh produce in the UK, Kenya, South Africa and Peru.

Another R&D initiative that we funded is called Sustainable Potato Production. The project focuses on crop modelling, tillage best practice and irrigation efficiency. Since the end of the project in 2017, we now have over 50 farmers implementing the learnings, and we measure success by yield and quality from planting all the way through to the customer.

Comment

n/a

Type of engagement

Innovation & collaboration

Details of engagement

Encourage/incentivize suppliers to work collaboratively with other users in their river basins

% of suppliers by number

76-100

% of total procurement spend

76-100

Rationale for the coverage of your engagement

Collaboration is the key focus for any Sainsbury's water stewardship projects and innovation sits at the heart of Sainsbury's Agriculture Strategy. Previous and current R&D shows how the company is embracing and trialling innovation, particularly in technology and data. Sainsbury's aims to engage all suppliers with collaborative approaches to water stewardship, and the reason this varies is that the risk to supply and level of water stress is variable for each supplier.

Impact of the engagement and measures of success

By participating in a project such as Courtauld 2025 Water Ambition, Sainsbury's is promoting and advocating collaboration not just within its own supply chain, but with its competitors and research organisations.

These projects have their own input and outcome metrics, measured and reported annually over the course of three years, which allows us to measure their success.

Comment

n/a

Type of engagement

Innovation & collaboration

Details of engagement

Encourage/incentivize innovation to reduce water impacts in products and services
Educate suppliers about water stewardship and collaboration

% of suppliers by number

76-100

% of total procurement spend

76-100

Rationale for the coverage of your engagement

The reason behind the coverage for our engagement is that membership with the Alliance for Water Stewardship (AWS) allows Sainsbury's as a Group to share and advocate the AWS Standard to the total supply chain. It is not confined to a specific supply chain or supplier; it is overarching and covers all suppliers.

Impact of the engagement and measures of success

Sainsbury's membership with the Alliance for Water Stewardship is in its infancy but we have plans to promote the AWS Standard and engage our suppliers with the recommendation of adopting the standard to improve water stewardship and understand water risk within their site or catchment, which are beneficial outcomes.

Our measure for success will be by the number of suppliers involved and the uptake of adopting the AWS Standard.

Comment

W1.4c

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

Sainsbury's sees a huge opportunity in helping customers make better, more sustainable choices. Consumers are becoming increasingly aware of issues surrounding water resource

management, leading to an increased demand for more sustainable products. This is one of the reasons why we prioritise engaging with this element of our value chain.

One of the ways we do this is through working towards reducing the water impact of our own brand products (e.g. leather and cotton) through product innovation. We measure success through tracking the percentage of leather and cotton we use to a recognised international standard by 2020, with the aim of having 100% certified, verified through independent audit. In 2018/19, 68% of our cotton is certified, working with the Better Cotton Initiative.

We believe that through certification with these internationally recognised standards we encourage customers to make more sustainable choices in the items they purchase from us. With increased customer engagement, customers are better informed to make sustainable consumption decisions, such as buying products with a lower water footprint.

We have also invested in two water-neutral stores to offset these sites' water consumption and reduce reliance on the local community's water supply, and gave away more than two million water-saving packs to customers in 2011 to encourage more efficient water use. The free set – which included a 'flush saver bag' and a water widget to make an eco-shower – gave customers several water-saving tips to promote responsible water use and raise awareness of water sustainability. The giveaway was a huge success. If every pack were used, it would save more than 100 bn litres of water each year, reducing the UK's carbon footprint by over two million tonnes. The stores remain water-neutral.

We also engage with our customers about water issues through our corporate website, where our key documents, updates and reports are made available to all our stakeholders.

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 total financial impact.

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Other, please specify

All basins in that country

Type of impact driver

Regulatory

Primary impact driver

Higher water prices

Primary impact

Increased operating costs

Description of impact

The impact of higher water prices was chosen as this directly impacts our operational costs. Ofwat, the UK water regulator, sets price limits for customers who use less than 50ML per annum. As a large user, Sainsbury's is not subject to price limits. This is a substantive impact on our business operations as it can lead to a significant increase in operational cost.

Primary response

Increase investment in new technology

Total financial impact

250,000

Description of response

Our response strategy to address the impact of higher water prices is that we are reducing our water consumption from external suppliers by developing on-site rainwater harvesting and increasing water efficiency across our estate. This reduces the cost of water consumption, and therefore minimises the impact of rising water prices. All new stores are fitted with Rainwater Harvesting as standard, and we are also looking at retrofitting our existing facilities. The financial impact provided is the estimated cost of assessing, installing and maintaining rainwater harvesting across our portfolio.

In 2019, we began a project to retrofit our stores with low-flow taps in customer and employee toilets in order to minimise water withdrawal across our estate.

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Other, please specify

All basins in that country

Type of impact driver

Physical

Primary impact driver

Flooding

Primary impact

Closure of operations

Description of impact

We have chosen flooding as our primary impact as we have experienced flooding at our store in Scunthorpe this year. During the flood event, the property was damaged and stock was lost. The store had to be closed for several weeks to be cleaned, repaired and restocked. In addition to the costs of repair, we also experienced loss in revenue, which is a substantive impact. We also experienced floods in our Bearwood and Small Heath stores.

Climate change is expected to affect precipitation extremes in the UK over the 21st century, increasing the frequency and intensity of flood events.

In the short term, a significant increase in flood risk is expected to occur within the next 10 years.

Primary response

Develop flood emergency plans

Total financial impact

750,000

Description of response

The cost of the impact is small in the context of our entire company as we have covered one site here.

The cost of flood emergency plans is difficult to estimate as these are captured in our holistic site management costs.

The typical costs associated with the installation of flood barriers are between £500,000 and £1,000,000 per store, depending on its size and location. In order to calculate the cost, we have taken the mid-point of this figure.

We cannot prevent floods from occurring, but we can minimise their impacts to ensure business continuity. Our response strategy to address the impact of flooding is, for example, following floods we had in 2015, we have further developed our flood emergency plans and have invested in the installation of removable flood barriers, for example at our Carlisle store. Barriers have been placed on the site. Following this, the plantroom was packaged and replaced onto a steel stilt structure.

This year, we used our internal flood alert system at Tadcaster. Within 42 minutes of the alert being called, we had 5 engineers on-site to install portable flood barriers on the store. Without this, it would have flooded.

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?

No

W3. Procedures

W3.3

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

Yes, water-related risks are assessed

W3.3a

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

Direct operations

Coverage

Full

Risk assessment procedure

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

Frequency of assessment

Six-monthly or more frequently

How far into the future are risks considered?

>6 years

Type of tools and methods used

Tools on the market
Enterprise Risk Management
Other

Tools and methods used

WRI Aqueduct
Internal company methods
External consultants

Comment

We undertake comprehensive company-wide risk assessments every six months that covers all our facilities in our direct operations and our supply chain. This includes climate change and water risks.

We also rely on the WRI Aqueduct Tool to analyse water-related risk in our direct

operations, and supplement the process with internal methods and input from external consultants

Supply chain

Coverage

Full

Risk assessment procedure

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

Frequency of assessment

Six-monthly or more frequently

How far into the future are risks considered?

>6 years

Type of tools and methods used

Tools on the market
Enterprise Risk Management
Other

Tools and methods used

WRI Aqueduct
Internal company methods
External consultants

Comment

We undertake comprehensive company-wide risk assessments every six months that covers all our facilities in our direct operations and our supply chain. This includes climate change and water risks.

We also use the WRI Aqueduct Tool to analyse water-related risk in our direct operations and part of our supply chain, and supplement the process with internal methods and input from external consultants.

In particular, we have made use of the WRI aqueduct tool in Spain and South America to assess risk vs. volume of good supplied. This has enabled us to target action in the most at-risk regions.

Other stages of the value chain

Coverage

Partial

Risk assessment procedure

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

Frequency of assessment

Six-monthly or more frequently

How far into the future are risks considered?

>6 years

Type of tools and methods used

Tools on the market
Enterprise Risk Management
Other

Tools and methods used

WRI Aqueduct
Internal company methods
External consultants

Comment

Customers have been identified as one of our value chain partners. One of the risks that can potentially impact our customers is flood risk to our direct operations.

We have several risk assessment processes that consider flood risk, including the enterprise risk assessment and the WRI aqueduct tool as mentioned above, as well as ad-hoc flood risk assessments that we undertake for all new sites.

W3.3b

(W3.3b) Which of the following contextual issues are considered in your organization's water-related risk assessments?

	Relevance & inclusion	Please explain
Water availability at a basin/catchment level	Relevant, always included	We work with external consultants and use the WRI Aqueduct tool to assess water risk for facilities within our operational control. Water availability is relevant for us as it is vital for our business operations. Aqueduct's global water risk mapping tool helps companies, investors, governments, and other users understand where and how water risks and opportunities are emerging worldwide. Our withdrawals are either from local municipal water supplies or from rainwater harvesting, and this includes water availability at a river-basin level.
Water quality at a basin/catchment level	Not relevant, included	We work with external consultants and use the WRI Aqueduct tool to assess water risk for facilities within our operational control. Aqueduct's global water risk mapping tool helps companies, investors, governments, and other users understand where and how water risks and opportunities are emerging worldwide. All withdrawals are either from local municipal water supplies or from rainwater

		harvesting, so water quality is not an issue, as all our water is a) provided by a supplier and is sanitary; or b) rainwater. This indicator is still monitored, however, in case we perceive any risks in the future. Water discharges are also included in our analysis, but since we are a retailer and all our water discharges are returned to the sewer, we do not perceive there to be an associated risk in this area. However, as with withdrawals, we will continue to monitor this issue in future reporting years.
Stakeholder conflicts concerning water resources at a basin/catchment level	Relevant, always included	We regard stakeholder conflicts concerning water resources at a catchment level as an issue that may pose disruptions to our business in the near future. As such, it is always included in our water-related risk assessments. To help mitigate risks in this area, we have signed up to be members of the Courtauld 2025 Water Ambition, which is an initiative led by WRAP and focuses on working collaboratively with our competitors and other stakeholders to act at a catchment level. We are currently working in two catchments in the UK (CamEO & Broadlands in East Anglia and Medway in Kent) that are key sourcing regions for us for fresh produce. We are also involved in and supporting similar catchment-level projects in Spain, Kenya and South Africa. For our participation in Courtauld 2025 we relied on internal company methods to analyse risk versus feasibility of delivery to justify where and how to act. Our internal Water Working Group also assessed current projects, competitor actions, our historic activity and significance to our company. We have also signed up to the Cambridge Institute for Sustainability Leadership's Catchment Management Declaration, which is a collaborative initiative that will help foster multi-sector water management. Its intention is to bring together businesses, government stakeholders and NGOs to tackle the collective challenge of water stresses through catchment management. Furthermore, we work with our growers and suppliers to develop plans on water security (e.g. enabling growers to invest in building their own reservoirs).
Implications of water on your key commodities/raw materials	Relevant, always included	We recognise that water has significant implications on our key commodities. For example, the lack of availability or access to water threatens the yield of commodities, which pushes prices up and as such, it has the potential to cause

		uncertainty in the market and may impact our ability to operate. In response to the identification of such risks in our supply chain, we have relied on internal company methods and established innovative supplier engagement projects such as the Sustainable Potato Production initiative. This allows us to understand how the yield and quality of potatoes through growing, storage and production. We also rely on the Mintec Market and Commodities Report to understand the drivers behind commodity availability and pricing on a monthly basis. Additionally, we have relied on internal company methods to create a series of Key Raw Material Sustainability Standards, which are used by the supply chain through a self-assessment process. The results are assessed against suppliers' own company metrics, which helps to ensure validity of the results. Suppliers then develop their own action plans and priorities. To date, extensive work in the Tea supply chain has highlighted issues regarding water management in East Africa, which we are beginning to discuss and develop with the Tea suppliers. In our non-food business, cotton is our most important raw material as well as the world's most widely used natural fibre. We understand the significance of the sustainable supply of cotton and have instituted a cotton strategy to ensure that all of the cotton fibre used in our products will originate from independently verifiable sustainably managed sources. Crucially, our membership of the Better Cotton Initiative (BCI) underpins our cotton strategy and affirms our strong commitment to promoting, and supporting, positive environmental, social and economic change across the cotton value chain.
Water-related regulatory frameworks	Relevant, always included	Regulatory water risks occur when unexpected changes in water-related regulations increase a business' operating costs, result in reduced supply or change its competitive landscape. This is an important area for our organisation, so we use the WRI Aqueduct tool to generate information about regulatory risk at a facility level to better prepare for future scenarios. We use the WRI Aqueduct tool to assess water risk for facilities within our operational control, which enables us to understand and monitor the risks associated with out facilities' water withdrawal on protected amphibians and

		upstream protected land. Aqueduct's global water risk mapping tool helps companies, investors, governments, and other users understand where and how water risks and opportunities are emerging worldwide.
Status of ecosystems and habitats	Relevant, always included	We use the WRI Aqueduct tool to assess water risk for facilities within our operational control, which enables us to understand and monitor the risks associated with out facilities' water withdrawal on protected amphibians and upstream protected land. Aqueduct's global water risk mapping tool helps companies, investors, governments, and other users understand where and how water risks and opportunities are emerging worldwide.
Access to fully-functioning, safely managed WASH services for all employees	Relevant, always included	We make WASH services available for employees at all our sites as a matter of priority. We do not perceive there to be a risk associated with the provision of WASH services, primarily because legislation dictates that all stores must provide these services to all their employees; if they are not provided then the company will be subject to fines and the facility may even be forced to close. As such, we rely on internal company methods and continuously monitor and ensure that all employees have access to WASH services.
Other contextual issues, please specify	Relevant, always included	One of the risks that can potentially impact our stores, colleagues and customers is flood risk. We rely on internal company methods and use information on historical flooding data to understand flood risk on site. The risk assessment includes tidal and river water movement in the area and surface water movement in the area and is then applied to the environment on site (i.e. the topography of the ground to identify whether there is a risk of the property flooding.) In addition to the above, we use the WRI Aqueduct tool to assess water risk for facilities within our operational control. The tool enables us to understand and monitor the risk of flood occurrence at a site level. Aqueduct's global water risk mapping tool helps companies, investors, governments, and other users understand where and how water risks and opportunities are emerging worldwide.

W3.3c

(W3.3c) Which of the following stakeholders are considered in your organization's water-related risk assessments?

	Relevance & inclusion	Please explain
Customers	Relevant, always included	One of the risks that can potentially impact our customers is flood risk. When such a risk is identified, our priority is the safety of our customers and colleagues. Once we have ensured this, we take steps to protect our property so that we can ensure that operations can continue with minimum interruption, and our customers have access to the site as much as possible during and after the understanding of the risk. We engage our customers on this risk by informing them when a store is closed due to flooding by erecting signage and issuing a press release.
Employees	Relevant, always included	One of the risks that can potentially impact our employees is flood risk. When such a risk is identified, our priority is the safety of our customers and colleagues. Once we have ensured this, we take steps to protect the property so that we can ensure that operations can continue with minimum interruption, and our employees have access to the site as much as possible during and after the understanding of the risk. We engage our employees on this risk by informing them when a store is closed upon flooding by erecting signage and issuing a press release. In addition, we aim to reduce water risks via our employees through our Environmental Handbook. This manual, which is available to all employees, requests that all our colleagues carry out the following on a regular basis: review the water hygiene booklet; ensure leaks are reported and fixed quickly; report dripping taps; do not leave taps running; undertake regular inspections of pipes where possible; when replacing equipment, examine water usage (if applicable); and monitor water meters for increase of usage indicating possible hidden leakage (if applicable). The Environmental Handbook also contains information about avoiding water contamination (e.g. instructions stating that oil and chemicals must not be put down drains). At some locations our facilities management company also issues a checklist to our employees, requesting information about water-related issues that may otherwise not be reported to be fixed (e.g. urinals that are constantly running, moss trails, etc.).

Investors	Relevant, always included	Any impact to operational continuity will ultimately affect our investors. Our risk management procedures aim to minimise this risk by ensuring our business is as resilient as possible to all forms of climate risk, including water. We engage our investors on this risk by informing them when a store is closed upon flooding by erecting signage and issuing a press release. We also inform investors via our annual CDP disclosure.
Local communities	Relevant, always included	Our rainwater harvesting efforts aim to reduce risks associated with water stress in local communities by lowering demand for municipal supplies. We engage our local communities on this risk primarily by communicating with them the existence of our rainwater harvesting facilities through in-store engagement posters.
NGOs	Not relevant, explanation provided	Sites under our operational control do not directly impact upon NGOs; as such they are not relevant to our Water Risk Assessment and we do not expect this to change in the near future because our operations are not expected to change significantly.
Other water users at a basin/catchment level	Relevant, always included	We use the WRI Aqueduct tool to assess water risk. This includes river basin stress as well as the current and future impact of our withdrawals on the availability of water for other water users in the area. We regularly undertake engagement with our in-store tenants (e.g. concessions) on the topic of water risks, which includes efforts to minimise consumption and fix leaks, prevent the discharge of banned matter such as milk to the sewer system, and in-store posters about innovation (e.g. rainwater harvesting) and water saving measures.
Regulators	Relevant, always included	We use the WRI Aqueduct tool to assess water risk, which provides us with an indication of the regulatory and reputational water-related risks in specific geographic locations. Regulators set limits on the amount of water that can leak from our water suppliers' networks. Our method of engagement is that we directly engage with the water companies to identify these leaks, and by doing so we are indirectly benefitting the regulator and are helping to achieve their aims. Regulators also prescribe rules around the discharge of banned matter such as milk to the sewer system, so we regularly engage our in-store tenants (e.g. concessions) on correct practice, and provide them with a risk register for safe

		discharge, as well as a checklist that explains how banned matter should be disposed of.
River basin management authorities	Relevant, always included	Our river basin management authorities in the UK are also our water suppliers. Engaging water utilities forms part of our response to water risks related to leaks and any other issues that they may be responsible for remedying. For example, earlier this year the gym concession in one of our stores flagged a water pressure issue within their changing facilities. Both the gym and the store were subsequently audited by our water consultants, and no leakage issues were found. This led to our facilities manager engaging the water utility, who identified a water pressure issue within the locality of the store.
Statutory special interest groups at a local level	Not relevant, explanation provided	Statutory special interest groups at a local level are not directly impacted by water risks at our sites and are therefore not factored into the assessment. We do not anticipate this to change in the near future because our operations are not expected to change significantly.
Suppliers	Relevant, always included	All growers/farmers to Sainsbury's must be accredited by Red Tractor (UK) or Global Gap to supply us. We request that growers/farmers supply to us records of water use and to provide crop-specific water risk assessments covering all water used in crop production (on an annual basis). The risks assessments identify all microbiological, chemical and physical risks, all sources of water and all water distribution and storage facilities. We regularly receive updates from our suppliers on these key risk areas. In addition, through our Key Raw Material Standards (applicable to our 35 key raw materials), we require suppliers at all levels to implement controls on a variety of aspects related to their water management, including water quality and use monitoring, risk assessment of water use, etc. The results of this process allow progress to be objectively measured and monitored over time and allow benchmarking between sites and suppliers.
Water utilities at a local level	Relevant, always included	We use the WRI Aqueduct tool to assess water risk. All our withdrawals that are not derived from harvested rainwater come from local municipal water providers and all discharges are into local sewers, we therefore understand how much impact we have on local utilities now and in the future. Engaging water utilities also forms part of our response to water risks related to leaks and any other issues that they may be responsible for remedying. For example, earlier this year a gym concession in one of our stores flagged a water pressure issue within their changing facilities. Both the gym and the

		store were subsequently audited by our water consultants, and no leakage issues were found. This led to our facilities manager engaging the water utility, who identified a water pressure issue within the locality of the store.
Other stakeholder, please specify		

W3.3d

(W3.3d) 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.

Accepting that risk is an inherent part of doing business, the risk management process is designed to identify key risks and to provide assurance that these risks are fully understood and managed in line with management's risk appetite. The Audit Committee reviews the effectiveness of the risk management process at least annually. The Operating Board maintains an overall corporate risk map, which is reviewed twice a year by the Audit Committee and formally discussed with the Board. The risk map captures the most significant risks faced by the business and identifies the potential impact and likelihood at both a gross level (before consideration of mitigating controls) and net level (after consideration of mitigating controls). The Operating Board discusses and agrees the level of risk that the business is prepared to accept for each key corporate risk. The target risk position is captured to reflect management's risk appetite where this differs to the current net position. The Operating Board reviews the risk map bi-annually and there is a quarterly standard agenda item for risk. This enables the Operating Board to agree and monitor appropriate actions as required. The risk management process is embedded at the Operating Board level and supported by bottom-up risk processes and discussions within operating companies, Group functions and governance forums. Operating Board members certify annually that they are responsible for managing their business objectives and internal controls to provide reasonable, but not absolute, assurance that the risks in their areas of responsibility are appropriately identified, evaluated and managed. Internal Audit provides the Audit Committee with a risk management update twice a year which provides detail of the key risk activities undertaken at Management Board, Group functions, governance forums and divisional and corporate levels.

We have chosen this procedure, which relies primarily on internal company methods, as it enables us to identify risks and provide assurance that these risks are fully understood and managed for the entire group's direct operations, and part of the supply chain. It also enables us to develop procedures, policies and actions to prevent or mitigate impacts. The scope of the process covers strategic, business operations and external risk for all our Group's direct operations. Environment and Sustainability is listed as a principal risk in our Annual Report. Increasing global water scarcity is a risk for our business. We are proactively mapping and managing this risk in our supply chain.

Specifically, as part of Environment and Sustainability, we undertake distinctive, but linked, risk assessments that feed into the company-wide risk assessment. Our level of coverage for these are across the whole 3 stages of the value chain. We have chosen this level because all levels have potential to impact our revenues. We conduct separate assessments at both a company and asset level at different time intervals. For example, we assess flood risk for new sites; however, this happens on an ad hoc basis as and when we open new stores. We will take appropriate action depending on the risk(s) identified, such as investing in flood defence systems. We also work with external consultants and use the WRI Aqueduct tool to assess water risk in our direct operations at a company level and in part of our supply chain on an annual basis, as it provides a wide range of outputs tailored across the various sections of our operations (supermarkets, offices, logistics, etc.). The Tool generates projections for future water stress, seasonal water variability, water supply and water demand across our portfolio, which are informed by two different climate-related scenarios and two shared socioeconomic pathways. The results from the tool are used for a number of purposes, for example by our commercial teams to identify locations where supply may be disrupted in the future.

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?

At the Group level, we have identified ‘Environment and Sustainability’ as a principal risk and source of uncertainty. Our risk assessment considers both reputational and financial impacts in context Group’s strategic objectives. Our risks are assessed half-yearly by our Audit Committee and annually by the Board. We also undertake distinctive, but linked, risk assessments that feed into the company-wide risk assessment. These separate assessments are undertaken at different time intervals. For example, we assess flood risk for new sites. This happens on an ad hoc basis as and when we open new stores.

We define substantive financial impact across our direct operations as a material expenditure or drop in revenue due to a disaster, change in market conditions, or other events beyond the control of management. One of the key indicators we use to measure substantive impact is the ability of a facility to continue to generate revenue for our business. We define the threshold for substantive change at a site level across our direct operations as loss of business continuity, or when a site must be closed due to water impacts. One event that we consider to have the potential to cause a substantive impact to our business is flooding, and another is the lack of available freshwater. They can both lead to the closure of our facilities – the former due to

physical damage, the latter because we would not legally be allowed to operate our workplaces as we could be liable to criminal prosecution and/or fines if we cannot provide an adequate supply of drinking water for all our employees. This definition risk applies to the direct operations of our facilities in the UK & Ireland. Impacts at the corporate level may become substantive depending on the proportion of business units or facilities affected, the size of the impact(s), the results of the impact, and our business' dependency on those business units or facilities (e.g. key distribution centre), etc.

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	31	1-25	We have identified 31 facilities (comprising distribution centres and two of our main administrative offices) as key sites that are exposed to water risks with the potential to have a substantive impact on our operations.

W4.1c

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

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Other, please specify

Anglian

Number of facilities exposed to water risk

2

% company-wide facilities this represents

Less than 1%

% company's total global revenue that could be affected

Less than 1%

Comment

We have identified two distribution centres in the Anglian river basin that are exposed to water risks with the potential to have a substantive impact on our operations.

These sites are important for us because, although they are not revenue-generating locations, their continued functioning is key to ensuring business continuity at many of our retail sites. The percentage of our global revenue that could be affected is estimated and depends on a range of factors such as the impact type, magnitude and duration, as well as the unique nature of the knock-on impacts on our retail outlets from partial or full site closure.

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Other, please specify

Clyde

Number of facilities exposed to water risk

2

% company-wide facilities this represents

Less than 1%

% company's total global revenue that could be affected

Less than 1%

Comment

We have identified two distribution centres in the Clyde river basin that are exposed to water risks with the potential to have a substantive impact on our operations.

These sites are important for us because, although they are not revenue-generating locations, their continued functioning is key to ensuring business continuity at many of our retail sites. The percentage of our global revenue that could be affected is estimated and depends on a range of factors such as the impact type, magnitude and duration, as well as the unique nature of the knock-on impacts on our retail outlets from partial or full site closure.

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Other, please specify

Humber

Number of facilities exposed to water risk

2

% company-wide facilities this represents

Less than 1%

% company's total global revenue that could be affected

Less than 1%

Comment

We have identified two distribution centres in the Humber river basin that are exposed to water risks with the potential to have a substantive impact on our operations.

These sites are important for us because, although they are not revenue-generating locations, their continued functioning is key to ensuring business continuity at many of our retail sites. The percentage of our global revenue that could be affected is estimated and depends on a range of factors such as the impact type, magnitude and duration, as well as the unique nature of the knock-on impacts on our retail outlets from partial or full site closure.

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Other, please specify

North West

Number of facilities exposed to water risk

2

% company-wide facilities this represents

Less than 1%

% company's total global revenue that could be affected

Less than 1%

Comment

We have identified two distribution centres in the North West river basin that are exposed to water risks with the potential to have a substantive impact on our operations.

These sites are important for us because, although they are not revenue-generating locations, their continued functioning is key to ensuring business continuity at many of our retail sites. The percentage of our global revenue that could be affected is estimated and depends on a range of factors such as the impact type, magnitude and duration, as well as the unique nature of the knock-on impacts on our retail outlets from partial or full site closure.

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Other, please specify

Severn

Number of facilities exposed to water risk

6

% company-wide facilities this represents

Less than 1%

% company's total global revenue that could be affected

Less than 1%

Comment

We have identified five distribution centres and one central administrative location in the Severn river basin that are exposed to water risks with the potential to have a substantive impact on our operations. These sites are important for us because, although they are not revenue-generating locations, their continued functioning is key to ensuring business continuity at many of our retail sites. The percentage of our global revenue that could be affected is estimated and depends on a range of factors such as the impact type, magnitude and duration, as well as the unique nature of the knock-on impacts on our retail outlets from partial or full site closure.

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Thames

Number of facilities exposed to water risk

13

% company-wide facilities this represents

Less than 1%

% company's total global revenue that could be affected

Less than 1%

Comment

We have identified 12 distribution centres and one central administrative location in the Thames river basin that are exposed to water risks with the potential to have a substantive impact on our operations. These sites are important for us because, although they are not revenue-generating locations, their continued functioning is key to ensuring business continuity at many of our retail sites. The percentage of our global revenue that could be affected is estimated and depends on a range of factors such as

the impact type, magnitude and duration, as well as the unique nature of the knock-on impacts on our retail outlets from partial or full site closure.

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Trent

Number of facilities exposed to water risk

4

% company-wide facilities this represents

Less than 1%

% company's total global revenue that could be affected

Less than 1%

Comment

We have identified four distribution centres Trent river basin that are exposed to water risks with the potential to have a substantive impact on our operations. These sites are important for us because, although they are not revenue-generating locations, their continued functioning is key to ensuring business continuity at many of our retail sites. The percentage of our global revenue that could be affected is estimated and depends on a range of factors such as the impact type, magnitude and duration, as well as the unique nature of the knock-on impacts on our retail outlets from partial or full site closure.

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/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Other, please specify

The river basins listed in 4.1a

Type of risk

Physical

Primary risk driver

Other, please specify

A combination of physical, reputational and regulatory risk drivers based on the WRI Aqueduct methodology (Overall water risk)

Primary potential impact

Disruption to sales

Company-specific description

Our distribution centres and central administrative facilities are important for us because, although they are not revenue-generating locations, their continued functioning is key to ensuring business continuity (and in turn, sales) at many of our retail sites. Disruption (e.g. reduced operations or full closure) at these sites can arise from any one, or a combination of risks such as drought, baseline water stress, seasonal variability, flooding, etc.

For example, sites that are in locations with high flood occurrence are at increased risk of being impacted by site closure (as was the case in Scunthorpe this year, where there was a flood and complete loss of power). In such instances, the sites may have to be closed for several days to be cleaned and restocked. Consequently, in addition to the costs of repair, we will also experience loss in revenue.

Climate change is expected to affect precipitation extremes in the UK over the 21st century, increasing the frequency and intensity of flood events. In the short term, a significant increase in flood risk is expected to occur within the next ten years.

Timeframe

Current up to 1 year

Magnitude of potential impact

Medium-low

Likelihood

Likely

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

3,241,200

Potential financial impact figure - minimum (currency)

Potential financial impact figure - maximum (currency)

Explanation of financial impact

The financial impact of overall water risk (including flood risk) depends on the magnitude, frequency and location of the events. Aspects of our operations that may be impacted include insurance premiums, revenue loss, and these depend on the duration

of store closure, location of stores, the extent of damage, and time of year. The timescale of the financial impact can also vary (e.g. initial loss of revenue and repair costs vs rises in premiums). However, if a combination of these events occurred and stopped trading, just a 0.01% drop in revenue could result in a calculated financial impact of £3.24 million.

Primary response to risk

Develop flood emergency plans

Description of response

We have flood emergency plans at all locations that have been determined to be at risk. The main objectives of our plans are to reduce the risk to life, lessen the likelihood of damage, and ensure the safe evacuation of those present at our sites during a flood.

Flooding can be disastrous to any business, and we are no exception. Flood risks result in increased capital expenditure, mainly due to the installation of flood defences. By installing such systems, we can ensure a swift recovery to business as usual once the flooding has subsided.

We cannot prevent floods from occurring, but we can minimise their impacts to ensure business continuity. Our response strategy to address the impact of flooding is, for example, following floods we had in 2015, we have further developed our flood emergency plans and have invested in the installation of removable flood barriers, for example at our Carlisle store. Barriers have been placed on the site. Following this, the plantroom was packaged and replaced onto a steel stilt structure.

This year, we used our internal flood alert system at Tadcaster. Within 42 minutes we had 5 engineers on site to install portable flood barriers on the store. Without this, it would have flooded

Cost of response

750,000

Explanation of cost of response

The cost of the impact per facility is expected to be small in the context of our entire company. The cost of flood emergency plans is difficult to estimate as these are captured in our holistic site management costs. The typical costs associated with the installation of flood barriers are between £500,000 and £1,000,000 per site, depending on its size and location. As we continue to add facilities to our estate, we predict that this will not be a one-off cost.

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/Region

Kenya

River basin

Other, please specify

Great Rift Valley

Stage of value chain

Supply chain

Type of risk

Physical

Primary risk driver

Increased water stress

Primary potential impact

Supply chain disruption

Company-specific description

Lake Naivasha in Kenya sits at the heart of a key sourcing region for Sainsbury's flowers and vegetables. The lake itself is an internationally important area for birds and other wildlife, a Ramsar Site and an international wetlands. The lake provides water for extensive floral and vegetable production in the area, as well as for social amenities for communities who live nearby. The region experiences water stress through over-abstraction, illegal abstraction, nutrient loading and non-compliance to water stewardship. The region is the most important one in Africa for floral and vegetables for Sainsbury's, with high value and high-volume product sourced from here all year round. As such, the primary risk drivers are ecosystem vulnerability and increased water stress, which have the potentials to disrupt our supply chain.

Timeframe

4 - 6 years

Magnitude of potential financial impact

Medium-low

Likelihood

Very likely

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

40,000,000

Potential financial impact figure - minimum (currency)

Potential financial impact figure - maximum (currency)

Explanation of financial impact

By relying on our internal calculations, it is estimated that 30% of the sourcing category is threatened, which is how we calculated the stated potential financial impact. We estimate that this impact could materialise as soon as three years from now.

Primary response to risk

Other, please specify

Engage other stakeholders in river basin

Description of response

A severe drought in 2009 led to the establishment of the Imarisha Project. This involved UK retailers and the Kenyan government devising the short-term Sustainable Water Management Action Plan, and the longer-term objective of proving the concept for sustainable funding initiatives and the Lake Naivasha Basin Integrated Management Plan.

The project delivered:
- Increasing vegetation cover for the regeneration of aquatic vegetation and cleaner water
- Upper Catchment farmers have been trained and are now using better water management systems
- Over 3000 energy-saving stoves have been introduced through this project with WWF and GIZ

The projects have been in place for six years. The funding provided from Sainsbury's and other UK retailers have been crucial to unlocking other sources of funding as it enabled Imarisha to demonstrate to other donors that this is a truly public/private partnership. The project is now 100% funded by the Government.

Cost of response

150,000

Explanation of cost of response

Our approach is to calculate this figure is summing up the total investment in cash and in-kind over the three-year project, which we monitored during implementation. This is a one-off cost.

Country/Region

Spain

River basin

Other, please specify

Huelva

Stage of value chain

Supply chain

Type of risk

Physical

Primary risk driver

Supplier dependency on water intensive energy sources

Primary potential impact

Disruption to sales due to value chain disruption

Company-specific description

The Huelva region in southern Spain incorporates Donana National Park, a UNESCO world heritage site. The region also supplies 70% of the world's exported strawberries. Sainsbury's sources 100% of its Spanish soft fruit from this region, and it is an extremely significant region to source soft fruit between October and May each year. The demand for soft fruit from this region is putting significant pressure on the water supply required to irrigate the crop, and this use is reducing the amount of water available to wildlife in the national park.

Timeframe

4 - 6 years

Magnitude of potential financial impact

Medium-high

Likelihood

Very 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)

30,000,000

Potential financial impact figure - maximum (currency)

40,000,000

Explanation of financial impact

By relying on our internal calculations, it is estimated that 15-20% of the sourcing category is threatened, which forms the basis for how we calculated the potential financial impact. We estimate that this impact could materialise as soon as 1-2 years from now.

Primary response to risk

Develop supplier drought emergency plans

Description of response

Sainsbury's has worked with its suppliers and growers in the region to raise awareness of the issue and implement water efficiency plans.

We have supported training for suppliers and growers which has helped them reduce their water requirement to irrigate their crops.

Cost of response

30,000

Explanation of cost of response

Our approach is to calculate this figure is estimating the in-kind contribution over the past three years since Sainsbury's has been involved in water stewardship training in the region.

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Other, please specify

Cam, Ely, Ouse and Broadland (Known as CamEO & Broadlands)

Stage of value chain

Supply chain

Type of risk

Physical

Primary risk driver

Increased water scarcity

Primary potential impact

Reduction or disruption in production capacity

Company-specific description

Sainsbury's sources a range of fresh produce and commodities from the CamEO & Broadlands catchments which sits across Cambridgeshire and Norfolk. The products include potatoes, vegetables, cereals and poultry and Sainsbury's relies on this region to supply these products all year round. The demand for water for irrigation, decreasing water quality status and increasing pressure from residential properties means the catchment faces significant water stress on three fronts: water quality, water access and water availability.

Timeframe

1 - 3 years

Magnitude of potential financial impact

Medium-high

Likelihood

Very 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)

150,000,000

Potential financial impact figure - maximum (currency)

200,000,000

Explanation of financial impact

Working with our commercial category teams it is estimated the produce sourced from this catchment is worth between £150-200million/year in the cost of goods.

Primary response to risk

Map supplier water risk

Description of response

We have joined and participated in the Courtauld 2025 Water Ambition – an initiative led by WRAP and facilitated by The Rivers Trust in the UK. Sainsbury's has committed funding and in-kind support to the project across the CamEO & Broadlands catchment. We have mapped all suppliers, processors and growers who are based within the catchment, and have collaborated with them to promote water management interventions.

Cost of response

60,000

Explanation of cost of response

Our approach is to calculate this figure is by calculating the proposed total investment in cash and in-kind over the three-year project at £20,000/year, which will be monitored closely during implementation.

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

Cost savings

Company-specific description & strategy to realize opportunity

Water prices in the UK are estimated to increase by 3.5% by 2020 relative to 2015 (Ofwat). Due to the size of our estate, we have a strategic opportunity to make savings in operational costs and simultaneously gain a competitive advantage if we reduce our dependence on mains water supplies.

We are currently implementing a strategy to realise this opportunity, which comprises a water-savings programme to reduce our water consumption, including investing in on-site rainwater harvesting and low flow taps.

In 2018/19 we achieved 30% absolute water reduction against 2005/06, with 1 billion litres saved against a 2005/06 baseline. Some of the measures currently being installed across our estate include rainwater harvesting, low flow taps and waterless urinals. Rainwater harvesting installations are a standard specification for new stores, and we have installed hundreds of systems to date. For example, our stores in Leicester and Weymouth are completely water-neutral through these measures in combination with offsetting our small mains water consumption with local schools. Per annum, these stores save around 25 million litres of water.

Estimated timeframe for realization

Current - up to 1 year

Magnitude of potential financial impact

Low

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)

130,000

Potential financial impact figure – maximum (currency)

170,000

Explanation of financial impact

Ofwat estimates that England and Wales will see annual water price increases of 3.5% up to 2020. By investing in water efficiency measures across our estate we calculated that we can save an estimated £130,000-£170,000 per annum. We arrived at this

estimate by calculating the projected reduction and taking that % off projected water bills. We estimate that we are saving approximately £130-170,000 in costs per annum across our estate. This figure is estimated based on the price associated with avoided water at a typical facility, measured for each water saving technology.

W5. Facility-level water accounting

W5.1

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

Facility reference number

Facility 1

Facility name (optional)

Dartford RRU

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Thames

Latitude

51.46494

Longitude

0.239465

Total water withdrawals at this facility (megaliters/year)

32.93

Comparison of withdrawals with previous reporting year

Much higher

Total water discharges at this facility (megaliters/year)

32.93

Comparison of discharges with previous reporting year

Much higher

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Monitoring issue at site - being investigated and addressed.

Facility reference number

Facility 2

Facility name (optional)

Houndmills Road

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Thames

Latitude

51.27001

Longitude

-1.10429

Total water withdrawals at this facility (megaliters/year)

13.46

Comparison of withdrawals with previous reporting year

Higher

Total water discharges at this facility (megaliters/year)

13.46

Comparison of discharges with previous reporting year

Higher

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Monitoring issue at site - investigated and addressed.

Facility reference number

Facility 3

Facility name (optional)

Basingstoke Rru

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Thames

Latitude

51.27349

Longitude

-1.10361

Total water withdrawals at this facility (megaliters/year)

27.47

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

27.47

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change falls within our expectations.

Facility reference number

Facility 4

Facility name (optional)

Thameside Distribution Depot

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Thames

Latitude

51.49084

Longitude

0.025574

Total water withdrawals at this facility (megaliters/year)

32.17

Comparison of withdrawals with previous reporting year

Lower

Total water discharges at this facility (megaliters/year)

32.17

Comparison of discharges with previous reporting year

Lower

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change falls within our expectations.

Facility reference number

Facility 5

Facility name (optional)

Greenford Depot

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Thames

Latitude

51.54847

Longitude

-0.34797

Total water withdrawals at this facility (megaliters/year)

14.76

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

14.76

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 6

Facility name (optional)

Haydock RRU

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Other, please specify

North West

Latitude

53.47651

Longitude

-2.65502

Total water withdrawals at this facility (megaliters/year)

0.28

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

0.28

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 7

Facility name (optional)

Yate Depot

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Severn River (Trib. Hudson Bay)

Latitude

51.54835

Longitude

-2.43396

Total water withdrawals at this facility (megaliters/year)

0.44

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

0.41

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0.02

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 8

Facility name (optional)

Emerald Park

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Severn River (Trib. Hudson Bay)

Latitude

51.50454

Longitude

-2.47869

Total water withdrawals at this facility (megaliters/year)

29.65

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

10.38

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

19.27

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 9

Facility name (optional)

Follybrook Road

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Severn River (Trib. Hudson Bay)

Latitude

51.50314

Longitude

-2.48137

Total water withdrawals at this facility (megaliters/year)

0.06

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

0.05

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0.01

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 10

Facility name (optional)

Radial Park Sideway West

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Trent

Latitude

52.98341

Longitude

-2.18129

Total water withdrawals at this facility (megaliters/year)

7.25

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

7.25

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 11

Facility name (optional)

Hams Hall

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Trent

Latitude

52.52391

Longitude

-1.70501

Total water withdrawals at this facility (megaliters/year)

13.03

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

13.03

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 12

Facility name (optional)

Waltham Point

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Thames

Latitude

51.67947

Longitude

-0.00881

Total water withdrawals at this facility (megaliters/year)

39.6

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

39.6

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 13

Facility name (optional)

Waltham Point Rru

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Thames

Latitude

51.70451

Longitude

0.023626

Total water withdrawals at this facility (megaliters/year)

77.04

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

77.04

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 14

Facility name (optional)

New Rye Park

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Thames

Latitude

51.7631

Longitude

0.000957

Total water withdrawals at this facility (megaliters/year)

6.62

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

6.62

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 15

Facility name (optional)

Sherburn Depot

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Other, please specify

Humber

Latitude

53.79462

Longitude

-1.21608

Total water withdrawals at this facility (megaliters/year)

36.31

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

36.31

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 16

Facility name (optional)

Northampton Rdc

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Other, please specify

Anglian

Latitude

52.21807

Longitude

-0.95002

Total water withdrawals at this facility (megaliters/year)

34.67

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

34.67

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 17

Facility name (optional)

Northampton Rru

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Other, please specify

Anglian

Latitude

52.21971

Longitude

-0.96159

Total water withdrawals at this facility (megaliters/year)

0.19

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

0.18

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0.01

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 18

Facility name (optional)

Tamworth Rdc

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Other, please specify

Humber

Latitude

52.10158

Longitude

-0.50595

Total water withdrawals at this facility (megaliters/year)

2.59

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

2.59

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 19

Facility name (optional)

Bedford Depot

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Thames

Latitude

51.46494

Longitude

0.239465

Total water withdrawals at this facility (megaliters/year)

4.66

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

4.66

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 20

Facility name (optional)

Dartford RDC

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Thames

Latitude

52.35698

Longitude

-1.17337

Total water withdrawals at this facility (megaliters/year)

13.72

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

13.72

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 21

Facility name (optional)

Daventry

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Trent

Latitude

52.60457

Longitude

-1.64475

Total water withdrawals at this facility (megaliters/year)

10.32

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

9.81

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0.51

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 22

Facility name (optional)

Pindar Road

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Thames

Latitude

51.7631

Longitude

0.000957

Total water withdrawals at this facility (megaliters/year)

0.07

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

0.07

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 23

Facility name (optional)

Elstree Way

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Thames

Latitude

51.661

Longitude

-0.25688

Total water withdrawals at this facility (megaliters/year)

66.28

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

66.28

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 24

Facility name (optional)

Haydock Rdc

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Other, please specify

North West

Latitude

53.47651

Longitude

-2.65502

Total water withdrawals at this facility (megaliters/year)

14.5

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

14.5

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 25

Facility name (optional)

Langlands Park RDC

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Other, please specify

Clyde

Latitude

55.74098

Longitude

-4.15925

Total water withdrawals at this facility (megaliters/year)

7.56

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

7.19

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0.37

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 26

Facility name (optional)

Langlands Park Rru

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Other, please specify

Clyde

Latitude

55.74115

Longitude

-4.16106

Total water withdrawals at this facility (megaliters/year)

1.73

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

1.64

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0.09

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 27

Facility name (optional)

Shire Park Warehouse

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Severn River (Trib. Hudson Bay)

Latitude

52.21312

Longitude

-2.17195

Total water withdrawals at this facility (megaliters/year)

1.65

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

1.65

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 28

Facility name (optional)

The Triangle

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Severn River (Trib. Hudson Bay)

Latitude

52.43697

Longitude

-1.43842

Total water withdrawals at this facility (megaliters/year)

13.9

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

13.9

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 29

Facility name (optional)

Holborn Business Centre

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Thames

Latitude

51.51754

Longitude

-0.1083

Total water withdrawals at this facility (megaliters/year)

47.45

Comparison of withdrawals with previous reporting year

About the same

Total water discharges at this facility (megaliters/year)

47.45

Comparison of discharges with previous reporting year

About the same

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 30

Facility name (optional)

Ansty Park - Coventry Offices

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Severn River (Trib. Hudson Bay)

Latitude

52.43359

Longitude

-1.41149

Total water withdrawals at this facility (megaliters/year)

5.33

Comparison of withdrawals with previous reporting year

Higher

Total water discharges at this facility (megaliters/year)

5.33

Comparison of discharges with previous reporting year

Higher

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

About the same

Please explain

Due to the variable nature of the use of our depots, any change like this falls within our expectations.

Facility reference number

Facility 31

Facility name (optional)

Pineham DC

Country/Region

United Kingdom of Great Britain and Northern Ireland

River basin

Trent

Latitude

52.21996

Longitude

-0.9617

Total water withdrawals at this facility (megaliters/year)

8.76

Comparison of withdrawals with previous reporting year

This is our first year of measurement

Total water discharges at this facility (megaliters/year)

8.76

Comparison of discharges with previous reporting year

This is our first year of measurement

Total water consumption at this facility (megaliters/year)

0

Comparison of consumption with previous reporting year

This is our first year of measurement

Please explain

This is the first year that data has been available for this site.

W5.1a

(W5.1a) For each facility referenced in W5.1, provide withdrawal data by water source.

Facility reference number

Facility 1

Facility name

Dartford RRU

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

32.93

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 2

Facility name

Houndmills Road

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

13.46

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 3

Facility name

Basingstoke Rru

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

27.47

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 4

Facility name

Thameside Distribution Depot

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

32.17

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 5

Facility name

Greenford Depot

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

14.76

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 6

Facility name

Haydock RRU

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

0.28

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 7

Facility name

Yate Depot

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

0.44

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 8

Facility name

Emerald Park

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

29.65

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 9

Facility name

Follybrook Road

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

0.06

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 10

Facility name

Radial Park Sideway West

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

7.25

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 11

Facility name

Hams Hall

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

13.03

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 12

Facility name

Waltham Point

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

39.6

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 13

Facility name

Waltham Point Rru

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

77.04

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 14

Facility name

New Rye Park

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

6.62

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 15

Facility name

Sherburn Depot

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

36.31

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 16

Facility name

Northampton Rdc

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

34.67

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 17

Facility name

Northampton Rru

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

0.19

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 18

Facility name

Tamworth Rdc

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

2.59

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 19

Facility name

Bedford Depot

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

4.66

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 20

Facility name

Dartford RDC

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

13.72

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 21

Facility name

Daventry

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

10.32

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 22

Facility name

Pindar Road

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

0.07

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 23

Facility name

Elstree Way

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

66.28

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 24

Facility name

Haydock Rdc

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

14.5

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 25

Facility name

Langlands Park RDC

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

7.56

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 26

Facility name

Langlands Park Rru

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

1.73

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 27

Facility name

Shire Park Warehouse

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

1.65

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 28

Facility name

The Triangle

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

13.9

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 29

Facility name

Holborn Business Centre

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

47.45

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 30

Facility name

Ansty Park - Coventry Offices

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

5.33

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

Facility reference number

Facility 31

Facility name

Pineham DC

Fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Brackish surface water/seawater

0

Groundwater - renewable

0

Groundwater - non-renewable

0

Produced/Entrained water

0

Third party sources

8.76

Comment

We withdraw water from water utilities for this site and do not currently consume water from other sources.

W5.1b

(W5.1b) For each facility referenced in W5.1, provide discharge data by destination.

Facility reference number

Facility 1

Facility name

Dartford RRU

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

32.93

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 2

Facility name

Houndmills Road

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

13.46

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 3

Facility name

Basingstoke Rru

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

27.47

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 4

Facility name

Thameside Distribution Depot

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

32.17

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 5

Facility name

Greenford Depot

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

14.76

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 6

Facility name

Haydock RRU

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

0.28

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 7

Facility name

Yate Depot

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

0.44

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 8

Facility name

Emerald Park

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

29.65

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 9

Facility name

Follybrook Road

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

0.06

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 10

Facility name

Radial Park Sideway West

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

7.25

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 11

Facility name

Hams Hall

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

13.03

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 12

Facility name

Waltham Point

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

39.6

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 13

Facility name

Waltham Point Rru

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

77.04

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 14

Facility name

New Rye Park

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

6.62

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 15

Facility name

Sherburn Depot

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

36.31

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 16

Facility name

Northampton Rdc

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

34.67

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 17

Facility name

Northampton Rru

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

0.19

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 18

Facility name

Tamworth Rdc

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

2.59

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 19

Facility name

Bedford Depot

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

4.66

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 20

Facility name

Dartford RDC

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

13.72

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 21

Facility name

Daventry

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

10.32

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 22

Facility name

Pindar Road

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

0.07

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 23

Facility name

Elstree Way

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

66.28

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 24

Facility name

Haydock Rdc

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

14.5

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 25

Facility name

Langlands Park RDC

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

7.56

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 26

Facility name

Langlands Park Rru

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

1.73

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 27

Facility name

Shire Park Warehouse

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

1.65

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 28

Facility name

The Triangle

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

13.9

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 29

Facility name

Holborn Business Centre

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

47.45

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 30

Facility name

Ansty Park - Coventry Offices

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

5.33

Comment

All our wastewater is discharged through sewers.

Facility reference number

Facility 31

Facility name

Pineham DC

Fresh surface water

0

Brackish surface water/Seawater

0

Groundwater

0

Third party destinations

8.76

Comment

All our wastewater is discharged through sewers.

W5.1c

(W5.1c) For each facility referenced in W5.1, provide the proportion of your total water use that is recycled or reused, and give the comparison with the previous reporting year.

Facility reference number

Facility 1

Facility name

Dartford RRU

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 2

Facility name

Houndmills Road

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 3

Facility name

Basingstoke Rru

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 4

Facility name

Thameside Distribution Depot

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 5

Facility name

Greenford Depot

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 6

Facility name

Haydock RRU

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 7

Facility name

Yate Depot

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 8

Facility name

Emerald Park

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of

recycling and reuse systems in the future.

Facility reference number

Facility 9

Facility name

Follybrook Road

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 10

Facility name

Radial Park Sideway West

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 11

Facility name

Hams Hall

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 12

Facility name

Waltham Point

% recycled or reused

None

Comparison with previous reporting year

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 13

Facility name

Waltham Point Rru

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 14

Facility name

New Rye Park

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 15

Facility name

Sherburn Depot

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 16

Facility name

Northampton Rdc

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 17

Facility name

Northampton Rru

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 18

Facility name

Tamworth Rdc

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 19

Facility name

Bedford Depot

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 20

Facility name

Dartford RDC

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of

recycling and reuse systems in the future.

Facility reference number

Facility 21

Facility name

Daventry

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 22

Facility name

Pindar Road

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 23

Facility name

Elstree Way

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 24

Facility name

Haydock Rdc

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 25

Facility name

Langlands Park RDC

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 26

Facility name

Langlands Park Rru

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 27

Facility name

Shire Park Warehouse

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 28

Facility name

The Triangle

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 29

Facility name

Holborn Business Centre

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 30

Facility name

Ansty Park - Coventry Offices

% recycled or reused

None

Comparison with previous reporting year

About the same

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

Facility reference number

Facility 31

Facility name

Pineham DC

% recycled or reused

None

Comparison with previous reporting year

This is our first year of measurement

Please explain

We do not currently have water recycling and/or reuse systems in place; instead we have opted to install rainwater harvesting facilities, with the number of locations reaching over one hundred in the last reporting year. We may consider the installation of recycling and reuse systems in the future.

W5.1d

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

Water withdrawals – total volumes

% verified

76-100

What standard and methodology was used?

Carbon Trust Water Standard methodology

Water withdrawals – volume by source

% verified

76-100

What standard and methodology was used?

Carbon Trust Water Standard methodology

Water withdrawals – quality

% verified

Not verified

What standard and methodology was used?

Not applicable

Water discharges – total volumes

% verified

Not verified

What standard and methodology was used?

Not applicable

Water discharges – volume by destination

% verified

Not verified

What standard and methodology was used?

Not applicable

Water discharges – volume by treatment method

% verified

Not verified

What standard and methodology was used?

Not applicable

Water discharge quality – quality by standard effluent parameters

% verified

Not verified

What standard and methodology was used?

Not applicable

Water discharge quality – temperature

% verified

Not verified

What standard and methodology was used?

Not applicable

Water consumption – total volume

% verified

Not verified

What standard and methodology was used?

Not applicable

Water recycled/reused

% verified

Not verified

What standard and methodology was used?

Not applicable

W6. Governance

W6.1

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

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

W6.1a

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

	Scope	Content	Please explain
Row 1	Company-wide	Description of business dependency on water Description of business impact on water Description of water-related performance	Our Sustainability/Water Plan sets out five values, one of which is 'Respect for the Environment'. As part of this, we have set several commitments, including a goal to ensure all areas of water vulnerability are managed through robust water stewardship. Our overarching Sustainability/Water Plan is described and updated in annual in our "Values Report". As part of this, we have a dedicated chapter that acknowledges our dependence

		standards for direct operations Description of water-related standards for procurement Reference to international standards and widely-recognized water initiatives Company water targets and goals Commitment to align with public policy initiatives, such as the SDGs Commitments beyond regulatory compliance Commitment to water-related innovation Commitment to stakeholder awareness and education Commitment to water stewardship and/or collective action Acknowledgement of the human right to water and sanitation Recognition of environmental linkages, for example, due to climate change	and impact on water in our direct operations and across our value chain. It also describes our commitment and approach to managing these impacts in specific areas. As an example of this, our Sustainability/Water Standards demonstrate our commitment to go beyond regulatory compliance and raise the awareness of our suppliers around water issues by requiring them to practice water stewardship and efficient use and management. Our Key Raw Materials Standards, which apply to 35 identified key categories, are used during our procurement process to promote water-related improvements across these materials. For example, our KRM for Sugar Cane requires suppliers to provide drinking water and sanitation to employees. As part of our water policy, we have set ambitious water reduction targets and were also the first retailer to certify to the Carbon Trust Water Standard, retaining the award ever since. We promote wider action on water-related issued by supporting initiatives such as Courtauld 2025, and are committed to water-related innovation through our rainwater harvesting installations across all new stores. We recognise and monitor environmental linkages on an ongoing basis (e.g. for leather and cotton).

W6.2

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

Yes

W6.2a

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

Position of individual	Please explain

Other C-Suite Officer	We have five values that underpin our business each of which has an internal steering group, chaired by an operating board director. Our Respect for our Environment (RFOE) value has an integrated Steering Group chaired by the CEO of Sainsbury's Argos and J Sainsbury plc operating board member, who has direct responsibility for water-related issues, including water-related targets. This group reviews and guides our overall environmental strategy and meets every 8-12 weeks to discuss progress and issues that may be arising. The steering group directors also sit on our Corporate Responsibility and Sustainability (CR&S) Committee and provide regular updates to board members through both these committees and board meetings. With the Board, the Committee also plays a part in monitoring Group engagement with stakeholders, including customers, suppliers, communities and colleagues. The chair of the RFOE provides updates to the CR&S committee on the progress towards our Sustainability Plan targets.

W6.2b

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

	Frequency that water-related issues are a scheduled agenda item	Governance mechanisms into which water-related issues are integrated	Please explain
Row 1	Scheduled - some meetings	Monitoring implementation and performance Overseeing acquisitions and divestiture Overseeing major capital expenditures Reviewing and guiding annual budgets Reviewing and guiding business plans Reviewing and guiding major plans of action	We have five values that underpin our business each of which has an internal steering group, chaired by an operating board director. Our Respect for our Environment value has an integrated Steering Group chaired by the CEO of Sainsbury's Argos and J Sainsbury plc operating board member, who has direct responsibility for the environment, including water. This group reviews and guides our overall environmental and climate change strategy and meets every 8-12 weeks to discuss progress and issues that may be arising. The RFOE has representatives throughout the business including property, logistics, retail and our goods for resale sourcing and packaging teams. The role for all of our committees in 2019 is to support the delivery of our Sustainability Plan by embedding our revised commitments into the way we operate.

		Reviewing and guiding risk management policies Reviewing and guiding strategy Reviewing and guiding corporate responsibility strategy Setting performance objectives	Our Sourcing with Integrity value has an integrated Steering Group chaired by the Director of Non-food Commercial for Sainsbury's Argos, who has direct responsibility for sustainability in sourcing products, which heavily features issues around water. This group meets to ensure the building of resilient supply chains by sourcing products ethically and sustainably. The steering group directors also sit on our Corporate Responsibility and Sustainability (CR&S) Committee and provide regular updates to board members through both these committees and board meetings. The Committee's principal role is to review the Group's sustainability strategy for alignment with the Group's culture, vision and strategy and assist the work of the Operating Board. With the Board, the Committee also plays a part in monitoring Group engagement with stakeholders, including customers, suppliers, communities and colleagues. The chair of the RFOE provides updates to the Corporate Responsibility and Sustainability Committee on the progress towards our Sustainability Plan targets, which has water-related commitments.

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 C-Suite Officer, please specify

CEO of Sainsbury's Argos

Responsibility

Both assessing and managing water-related risks and opportunities

Frequency of reporting to the board on water-related issues

More frequently than quarterly

Please explain

Our Respect for our Environment value has an integrated Steering Group chaired by the CEO of Sainsbury's Argos and J Sainsbury plc operating board member, who has direct responsibility for the environment, including water. This includes all water-related targets

as part of the Sustainability Plan, such as our water reduction targets to 2020. This group reviews and guides our overall environmental and climate change strategy.

The steering group directors also sit on our Corporate Responsibility and Sustainability (CR&S) Committee and report, such as informal updates, or more formal reports describing progress against KPIs on water, to board members through both these committees and board meetings.

The chair of the RFOE provides updates to the Corporate Responsibility and Sustainability Committee on the progress towards our Sustainability Plan targets, which has water-related commitments.

W6.5

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

Yes, direct engagement with policy makers
Yes, trade associations
Yes, funding research organizations

W6.5a

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

The “Respect for our Environment” value is monitored by an internal steering group chaired by the CEO of Sainsbury’s Argos and Board member of J Sainsbury’s plc. This group sets our overall climate change strategy and meets every 8-12 weeks to discuss progress and any issues that may be arising. The group includes a member of our Public Affairs and Corporate Affairs team (who lead on our external engagement) to ensure our engagement is consistent with the sustainability strategy.

The Chair of the *Respect for our Environment* steering group also sits on our Corporate Responsibility and Sustainability (CR&S) Steering Group, chaired by our Group CEO. The CR&S Steering Group is also attended by heads of Public Affairs, Corporate Affairs and Corporate Responsibility and Society, to ensure all our engagement activities are aligned. This robust governance structure ensures that our external engagement and communications are aligned with our corporate position on environmental-related issues.

The Group CEO also sits on a separate committee for Corporate Responsibility and Sustainability, which is chaired by a non-executive director. Our Company Chairman also attends each meeting.

In the event that inconsistencies are discovered between our direct and indirect activities seeking to influence policy and our water policy/commitments, these matters are discussed and resolved during the meetings.

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)

[2] Sainsbury's Annual Report 2019.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	Yes, water-related issues are integrated	16-20	As part of our long-term business objectives, we have a commitment to address and manage all areas of water vulnerability in our business to ensure not just our own resilience, but water security for all. Water issues, such as increasing water scarcity, increase in flood risk, current and future market opportunities, have been integrated into our objectives in several ways, including by enshrining them in our long-term Sustainability Plan. The Plan is made up of stretching targets to track our progress on the most material issues for our customers, colleagues, stakeholders and business today and for the coming years. One such issue that has been integrated into our plan is our target to reduce our consumption by 30% compared to 2005/6 by 2020. It is our roadmap for addressing the opportunities and challenges that are relevant to our business and the wider world. Our Plan has backing from the highest levels of the organisation, and we publicly communicate our progress against our targets, along with our strategy of how we will seek to achieve them, to internal and external stakeholders. As such, our water-related commitments are woven into our business strategy and decision-making processes, providing a practical basis

			for major business decisions. We believe that having a long-term horizon of 20 years, supported by shorter-term goals, will enable us to remain flexible and allow us to tweak our approach to achieving our objectives along the way, should it be necessary.
Strategy for achieving long-term objectives	Yes, water-related issues are integrated	> 30	Our Sustainability Plan forms the key plank of our strategy that integrates several short-term and long-term initiatives around water issues. Reducing our absolute water consumption is a key issue for our business. We have achieved our 2020 target and reduced our consumption by 30 per cent compared to 2005/6. We are now focused on maintaining this level of consumption while continuing to grow our business. To realise this aim, we continually look at areas for identifying opportunities to save water across our operations. We also use the WRI Aqueduct to analyse the water withdrawn by our organisation from water-stressed areas. The Tool is informed by climate-related scenarios and allows us to plan far into the future. We have recently piloted the Tool for a select number of our suppliers in Spain and expect to replicate our approach with an increased number of suppliers. One key objective of using the Aqueduct tool to map the water risks of our suppliers is to enable our commercial teams to assess risks across a range of sourcing regions, and to analyse how these risks may impact future decision-making on procurement. We also fund R&D projects and support water-related initiatives such as Courtauld 2025. We believe that having a long-term horizon of 30+ years, supported by shorter-term goals, will enable us to remain flexible and allow us to tweak our approach to achieving our objectives along the way, should it be necessary.
Financial planning	Yes, water-related issues are integrated	5-10	Currently, we budget for water-related capital expenditure 5 years in advance, which is integrated into our financial planning around budgets. Year 1 will include a detailed plan of activity and allocation, and this will roll over for the following 5 years, on top of any known additional costs. One way that our financial planning has been affected

			by water-related issues being integrated has been in the form of changes to capital allocation. For example, we now budget for the installation of rainwater harvesting systems and other water-saving technologies at every one of our newly built stores (this is part of our policy). The financial planning for new stores also includes budget for flood risk planning as standard. Having a long-term horizon of 5 years afford us some flexibility to change the capital expenditure allocation requirements should there be a need to do so.

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)

1

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

2

Please explain

OPEX costs have increased by around 1% primarily driven by a small increase in consumption. We anticipate a forward trend of between 1-3% OPEX costs for next year.

CAPEX costs have been directed towards upgrading existing stores taps to low-flow. In 2019 we anticipate spending £1,000,000 on installing low flow taps in 2019.

W7.3

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

	Use of climate-related scenario analysis	Comment
Row 1	Yes	We use the WRI Aqueduct tool to assess water risk for facilities within our operational control and for suppliers, which relies on two different climate-related scenarios for projecting future changes to water supply, seasonal variability, demand, etc

W7.3a

(W7.3a) Has your organization identified any water-related outcomes from your climate-related scenario analysis?

Yes

W7.3b

(W7.3b) What water-related outcomes were identified from the use of climate-related scenario analysis, and what was your organization's response?

	Climate-related scenario(s)	Description of possible water-related outcomes	Company response to possible water-related outcomes
Row 1	Other, please specify RCP 4.5, RCP 8.5	The WRI Aqueduct tool generates projections for future water stress, seasonal water variability, water supply and water demand (based on the location of our facilities), which are informed by two different climate-related scenarios, RCP 4.5 and RCP 8.5, and two shared socioeconomic pathways, SSP2 and SSP3. We are able to review and analyse the above indicators against three pathways (Optimistic, BAU and Pessimistic) and three time scales (to 2020, to 2030, and to 2040). The outcomes vary depending on the level of optimism assigned to them as well as the time scale. In other words, using the tool helps us to understand, for example, changes in water supply under an optimistic scenario to 2040, or an increase in water stress under a pessimistic scenario to 2030.	Our response to possible water-related outcomes begins with a review of the WRI Aqueduct results to determine the key facilities that are most likely to be significantly affected in the future (e.g. high financial value, high risk, etc.). This is followed by facility-level engagement to discuss the results and confirm the inclusion of individual sites in our focus group (e.g. it may be the case that a site located in a flood zone is an outlier and does not need to take mitigation steps because it is located on high ground). In addition to undertaking the above reviews, we will also engage with other facilities that may not have been identified by the WRI Aqueduct tool. This is to ensure that the outputs from the tool are supplemented by facility-level information that our responsible colleagues have regarding water risks. Once the above steps have been

			completed, we will re-engage all relevant facilities and initiate the drafting of mitigation and/or adaptation steps to combat water-related risks (e.g. water conservation plans), progress against which will be reviewed on an annual basis.

W7.4

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

Row 1

Does your company use an internal price on water?

No, but we are currently exploring water valuation practices

Please explain

We currently do not set a formal internal price on water; however we adhere to and are exploring some water valuation practices. These include: calculating our overall water consumption and associated price; the effects we have on local hydrology and river basins; and calculating the risk of extreme water-related weather events e.g. flooding. Previous sections of the submission describe how we complete these practices.

W8. Targets

W8.1

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

	Levels for targets and/or goals	Monitoring at corporate level	Approach to setting and monitoring targets and/or goals
Row 1	Company-wide targets and goals Site/facility specific targets and/or goals Brand/product specific targets and/or goals	Targets are monitored at the corporate level Goals are monitored at the corporate level	We have recognised the importance of water in our Sustainability Plan. Our Plan sets out five values, one of which is 'Respect for the Environment', and we have set several commitments, including a goal to ensure all areas of water vulnerability are managed through robust water stewardship. As part of our commitment we have set targets to reduce our absolute water consumption and our relative water use per square foot sales area and we have invested in water efficiency measures and rainwater harvesting installations to reduce our water usage.

			Having achieved our 2020 target to reduce absolute water consumption by 30 per cent compared to 2005/6 in 2016/17 – one billion litres – we are now focused on maintaining this, while continuing to grow our business. In 2018/19, our water use was 3.224 billion litres. We recognise that to achieve reductions, each facility will need to play their part, so we assign site-level targets in the form of budgets for store managers that they are required to abide by. We are proud to support Courtauld 2025's new Water Ambition – a collective action approach which aims to improve the quality and availability of water in key sourcing areas in the UK and helps inform our approach to setting and monitoring our water targets. We have already started to assess water risk with our produce growers and on a global scale we are using our Sustainability Standards to collect data on water issues and identify hotspots, which will support the SDGs and tackle water-related issues. As part of this, we have used the WRI Aqueduct tool to assess water risk in Spain and South America vs. the volume of produce supplied. This has enabled us to target action in the most at-risk regions. At a brand level, we have targeted key water-intensive products in our supply chain. For example, we are members of the Better Cotton Initiative, which supports the production and verification of sustainable cotton from our farmers. Our membership of the Better Cotton Initiative affirms our strong commitment to promoting and supporting positive environmental, social and economic change across the cotton value chain We measure our success by tonnes of carbon and litres of water saved. Thanks to this programme we've been able to save 7,377 tonnes of carbon and over 11 million cubic meters of water (more than 4,500 Olympic sized swimming pools) this year alone in the production of our non-food textile products. We aim to source all our cotton fibre from independently verifiable sustainably managed sources by 2020.

W8.1a

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

Target reference number

Target 1

Category of target

Water withdrawals

Level

Company-wide

Primary motivation

Reduced environmental impact

Description of target

We aim to increase the efficiency of water use in our operations to reduce vulnerability to increased prices and potential water scarcity and security. We measure this through absolute year-on-year reductions and have committed to targets in our Sustainability Plan of a 30% reduction of consumption compared to 2005/6.

Quantitative metric

% reduction in total water withdrawals

Baseline year

2006

Start year

2011

Target year

2020

% achieved

100

Please explain

We set this target in 2011 with the objective of achieving it in 2020. Due to our related efforts, we exceeded expectations and meet 100% of the target in 2016/17.

Target reference number

Target 2

Category of target

Water withdrawals

Level

Company-wide

Primary motivation

Reduced environmental impact

Description of target

We aim to increase the efficiency of water use in our operations to reduce vulnerability to increased price and potential water scarcity and security. We measure this through relative year-on-year reductions (per sales area) and have committed to targets in our Sustainability Plan of a 55% reduction of consumption compared to 2005/6.

Quantitative metric

Other, please specify

% reduction in water consumption per sales floor area

Baseline year

2006

Start year

2011

Target year

2020

% achieved

100

Please explain

We set this target in 2011 with the objective of achieving it in 2020. Due to our related efforts, we were able to exceed expectations and meet 100% of the target in 2016/17.

W8.1b

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

Goal

Engagement with suppliers to help them improve water stewardship

Level

Brand/product

Motivation

Risk mitigation

Description of goal

As a retailer with a substantial network of suppliers, we work with them to maintain water quality and availability in our supply chains and understand where there is vulnerability to water risks, as water quality is vital to our direct operations. This goal is relevant to achieving water security and important to the company as it enables us to mitigate water scarcity risk and avoid supply chain disruption. We measure this by

sharing best practice and by the number of communities engaged. Our timescale for this goal is up to 2020. As an example of implementing this goal in our supply chain, we are working with our floral and vegetables suppliers around Lake Naivasha in Kenya, which is the most important region in Africa for this type of sourcing category, with high value and high-volume product sourced from here all year round. A severe drought in 2009 led to the establishment of the Imarisha Project. This involved UK retailers and the Kenyan government devising the short term Sustainable Water Management Action Plan, and the longer-term objective of proving the concept for sustainable funding initiatives and the Lake Naivasha Basin Integrated Management Plan.

Baseline year

2006

Start year

2011

End year

2020

Progress

This goal is an important part of the water-related commitments in our Sustainability Plan that we are working on towards 2020. We measure progress through the following indicators that the project has delivered:

- Increased vegetation cover for the regeneration of aquatic vegetation and cleaner water
- More Upper Catchment farmers have been trained and are now using better water management systems
- Over 3000 energy-saving stoves have been introduced through this project with WWF and GIZ

The projects have been in place for six years. The funding provided from Sainsbury's and other UK retailers has been crucial to unlocking other sources of funding as it enabled Imarisha to demonstrate to other donors that this is a truly public/private partnership, which has been our threshold for success. The project is now 100% funded by the Government.

Goal

Promotion of sustainable agriculture practices

Level

Other, please specify

Raw material - cotton

Motivation

Water stewardship

Description of goal

As a retailer with a substantial network of suppliers, we work with our suppliers to maintain water quality and availability in our supply chains and understand where there is vulnerability to water risks. This enables us to mitigate risk and avoid supply chain disruption. Our goal is to ensure that all of the cotton fibre used in our products originates from independently verifiable sustainably managed sources by 2020. This is crucial to achieving water security and our supply of freshwater, vital to our operations.

To attain this goal, we are members of the Better Cotton Initiative, which supports the production and verification of sustainable cotton from our farmers. Our membership of the Better Cotton Initiative underpins our cotton strategy and affirms our strong commitment to promoting and supporting positive environmental, social and economic change across the cotton value chain. We measure our success by tonnes of carbon and litres of water saved.

Baseline year

2006

Start year

2011

End year

2020

Progress

Thanks to this programme we've been able to save 7,377 tonnes of carbon and over 11 million cubic meters of water (more than 4,500 Olympic sized swimming pools) this year alone in the production of our non-food textile products, both indicators that we used to assess progress for this goal. We aim to source all our cotton fibre from independently verifiable sustainably managed sources by 2020. This will be our threshold for success. We are currently at 67% certification.

W9. Linkages and trade-offs

W9.1

(W9.1) Has your organization identified any linkages or tradeoffs between water and other environmental issues in its direct operations and/or other parts of its value chain?

Yes

W9.1a

(W9.1a) Describe the linkages or tradeoffs and the related management policy or action.

Linkage or tradeoff

Linkage

Type of linkage/tradeoff

Decreased energy use

Description of linkage/tradeoff

We have identified the linkage between carbon and water in the packaging production process.

We are able to influence this in our own-brand packaging. We have measured that packaging has a significant impact on the environment, both in environmental and water terms.

Policy or action

Sainsbury's sells own brand products that use packaging. The production of packaging requires water as well as energy. More packaging leads to higher consumption of water in production processes, as well as increased carbon emissions from energy used in the process and fuels in transportation We have identified no change in the measured impact of the linkage in the reporting year. We have reduced our own brand packaging by 35% since 2005 and are on track to meet our target of 50 percent reduction in packaging of own-brand products by 2020.

This will reduce water and energy consumption, two elements that have integrated into our long-term business strategy (secured senior management backing, set targets, monitoring progress, communicating publicly on performance, etc).

We are looking at all aspects of plastics in our operations, aiming to replace single use plastics like straws, cups and cutlery with alternatives that have a smaller carbon footprint. This is integrated into our business strategy through our Sustainability Plan.

In our efforts to reduce our packaging waste, we have now increased our range of loose fruit and vegetables. Alongside this, we also reduced the price of most loose items, now making them cheaper than most packaged comparable products.

We believe there has been no change in the measured impact of this linkage this reporting year.

Being part of these initiatives will help us increase the positive impact of the linkage.

Linkage or tradeoff

Linkage

Type of linkage/tradeoff

Decreased GHG emissions

Description of linkage/tradeoff

We have identified the linkage between carbon and water in the event of a flood in one of our stores.

Impacts from flood events may damage onsite energy generation, requiring us to use energy from external sources and increasing our carbon footprint. This has a relatively minor impact on the environment, as our onsite energy generation will be restored during remedial works.

Policy or action

We have on-site generation capacity at several stores and depots in the UK, some of which are at risk of flooding. During a recent flooding event at our store in Carlisle, a ground source heat pump was damaged and out of operation for several months. Whilst it was under repair, we had to use energy from alternative sources with higher carbon emissions, thus increasing our carbon footprint. We have now installed flood barriers at our store in Carlisle to prevent negative impacts from flooding. This year, following this, the plant room was packaged and replaced onto a steel stilt structure. These efforts are integrated into our business strategy through our Sustainability Plan and Risk Maps.

These actions will prevent our on-site generation capacity being negatively impacted by water and avoid additional carbon emissions, and have reduced the measured impact of this linkage this reporting year by reducing the risk of occurrence. We also have flood emergency plans in place for all sites at risk of flooding, and have integrated management action into our water-related business strategy by performing flood risk assessments for all new sites.

Linkage or tradeoff

Linkage

Type of linkage/tradeoff

Environmental restoration

Description of linkage/tradeoff

We have identified the linkage between environmental restoration and water with our growing methods of cotton.

Cotton’s most prominent environmental impacts result from the use of agrochemicals (especially pesticides), the consumption of water, and the conversion of habitat to agricultural use. This has a major impact on the environment.

Policy or action

We have increased our positive impact in order to reduce the measured impact of this linkage. In 2018, 68% of the cotton in our supply chain was certified to international sustainability standards, up from 61% in 2017/18, working with the Better Cotton Initiative. By 2020, our target is to have 100% of the cotton certified to international sustainability standards. This is target is with the aim of reducing our cotton’s impact on

water consumption and environmental degradation of habitats and existing farmland fertility in growing regions. These actions are integrated into our business strategy through our Sustainability Plan. Due to our efforts, we are proud that the impact of this linkage has reduced during the reporting year, through our increased procurement of sustainable cotton.

W10. Verification

W10.1

(W10.1) Do you verify any other water information reported in your CDP disclosure (not already covered by W5.1d)?

Yes

W10.1a

(W10.1a) Which data points within your CDP disclosure have been verified, and which standards were used?

Disclosure module	Data verified	Verification standard	Please explain
W1. Current state	Withdrawal from waster stressed areas	Other, please specify Carbon Trust Water Standard Methodology	We use the WRI Aqueduct Tool to analyse our water withdrawal volumes from water stressed areas. This allows us to determine which of facilities draw water from areas a high-risk of water scarcity. This has been verified by the Carbon Trust.
W1. Current state	Withdrawal volume by source.	Other, please specify Carbon Trust Water Standard Methodology	We only withdraw water from municipal sources. We obtain most of our water from water suppliers, so understanding how much we are using through these sources is vital for understanding the impact on our operational costs. We also have rainwater harvesting facilities at several sites that we monitor. This has been verified by the Carbon Trust.

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 Financial Officer	Chief Financial Officer (CFO)

W11.2

(W11.2) Please indicate whether your organization agrees for CDP to transfer your publicly disclosed data on your impact and risk response strategies to the CEO Water Mandate's Water Action Hub [applies only to W2.1a (response to impacts), W4.2 and W4.2a (response to risks)].

Yes

Submit your response

In which language are you submitting your response?

English

Please confirm how your response should be handled by CDP

	Public or Non-Public Submission	I am submitting to
I am submitting my response	Public	Investors

Please confirm below

I have read and accept the applicable Terms