

W0. Introduction

W0.1

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

Regeneron (NASDAQ: REGN) is a leading biotechnology company that invents life-transforming medicines for people with serious diseases. Founded and led for nearly 35 years by physician-scientists, our unique ability to repeatedly and consistently translate science into medicine has led to nine FDA-approved treatments and numerous product candidates in development, nearly all of which were homegrown in our laboratories. Our medicines and pipeline are designed to help patients with eye diseases, allergic and inflammatory diseases, cancer, cardiovascular and metabolic diseases, pain, hematologic diseases, infectious diseases and rare diseases.

W0.2

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

	Start date	End date
Reporting year	January 1 2021	December 31 2021

W0.3

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

- Canada
- Germany
- Ireland
- Netherlands
- United Kingdom of Great Britain and Northern Ireland
- United States of America

W0.4

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

USD

W0.5

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

Companies, entities or groups over which operational control is exercised

W0.6

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

No

W0.7

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

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

W1. Current state

W1.1

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

	Direct use importance rating	Indirect use importance rating	Please explain
Sufficient amounts of good quality freshwater available for use	Vital	Important	<p>Direct operations: The primary uses of good quality freshwater in direct operations are to perform research, manufacture our products, clean laboratory equipment, run our building systems, and other general office use. The direct use importance rating is considered "vital" because Regeneron and its suppliers depend on sufficient amounts of good quality freshwater to manufacture products and adhere to health & safety regulations. Therefore, sufficient amounts of good quality freshwater are critical to our ability to deliver quality medicines to patients and the success of our business. Lower quality water is not safe or acceptable in the research and production of pharmaceutical drugs.</p> <p>Indirect operations: The primary use of water in our indirect operations is for suppliers to manufacture products and maintain cleanliness, comfort, and safety in their workplaces. The indirect use rating is considered "important" because Regeneron ensures that its suppliers adhere to water-related regulations and have sufficient amounts of good quality freshwater to provide Regeneron with materials of the highest quality. Since Regeneron's drug products are utilized for human consumption, it is essential that our suppliers manufacture products with adequate amounts of good quality freshwater and exceed cleanliness standards in their operations. We do not anticipate any future changes in the dependency or importance of freshwater for our business or suppliers. We will continue to rely on good quality freshwater for supplier goods, and for the research and manufacturing of our pharmaceutical products.</p>
Sufficient amounts of recycled, brackish and/or produced water available for use	Neutral	Not very important	<p>Direct operations: Regeneron does not primarily use recycled, brackish, and/or produced water to conduct research or manufacturing activities. However, the importance rating of "neutral" was selected because the availability of this water could present an opportunity to reduce freshwater consumption in the future. Our manufacturing site in Limerick, Ireland continues to explore rainwater harvesting. Newer buildings at our headquarters in Tarrytown, New York use captured and stored rainwater for landscape irrigation. The company continues to investigate opportunities to expand these systems to reduce Regeneron's freshwater consumption at significant locations.</p> <p>Indirect operations: Regeneron does not have areas in its supply chain that rely heavily on the availability of recycled, brackish and/or produced water. Therefore, the indirect use importance rating is considered to be "not very important," as we do not anticipate this to change.</p>

W1.2

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

	% of sites/facilities/operations	Please explain
Water withdrawals – total volumes	100%	Water withdrawals (total volumes) are regularly measured and are monitored monthly. Our withdrawals are measured through onsite water meters, which allow the local municipalities to bill us for the total volumes withdrawn. We measure this relevant water aspect so that we can understand how the company's growth & operational changes affect our water withdrawals and to identify opportunities to decrease our withdrawals. All facilities within our operational control (as defined by Tarrytown, NY, Rensselaer, NY, Sleepy Hollow, NY, Basking Ridge, NJ, Washington, D.C., and Limerick, Ireland) are included (none are excluded). The method of measurement for the total volume of water withdrawals is onsite water metering, which relates directly to our operations.
Water withdrawals – volumes by source	100%	Water withdrawals (volumes by source) are regularly measured and are monitored monthly. Our withdrawals are measured through onsite water meters, which allow us to monitor volumes by source. The local municipalities provide us with information on volume and rate of payment for our water withdrawals. We measure this relevant water aspect so that we can understand how the company's growth & operational changes affect water withdrawals across our sites and for various processes, as each site has numerous entry points for water. Regular monitoring and measurement allow us to identify opportunities where we can decrease our water withdrawals. All facilities within our operational control are included (none are excluded). The method of measurement for water withdrawals (volumes by source) is onsite water metering, which relates directly to our operations.
Entrained water associated with your metals & mining sector activities - total volumes [only metals and mining sector]	<Not Applicable>	<Not Applicable>
Produced water associated with your oil & gas sector activities - total volumes [only oil and gas sector]	<Not Applicable>	<Not Applicable>
Water withdrawals quality	100%	Water withdrawals quality is regularly measured and is monitored annually. The quality of our water withdrawals is measured through the local municipalities, who provide us with annual drinking water quality reports. We measure this relevant water aspect to ensure that all water is safe for consumption at our sites, and that the highest quality water is utilized for the research and manufacturing of our medicines. All facilities within our operational control are included (none are excluded). The method of measurement for water withdrawals quality is monitoring & quality testing by the local municipalities. Water quality directly impacts our ability to operate safely and produce the highest quality medicines that are suitable for human use.
Water discharges – total volumes	100%	Water discharges (total volumes) are estimated monthly. The method of measurement for these discharges is through the local municipalities, as we receive monthly statements for the total volumes discharged. The total volumes discharged are assumed to be 95% of the total volumes withdrawn. We monitor this relevant water aspect so that we can improve cost management and identify opportunities to decrease water consumption. All facilities within our operational control are included (none are excluded). Water discharges are sent to local wastewater treatment plants, and our operational facilities are required to comply with local & national regulations.
Water discharges – volumes by destination	100%	Water discharges (volumes by destination) are estimated monthly. The method of measurement for these discharges is through the local municipalities, as we receive monthly statements for the total volumes discharged. The total volumes discharged are assumed to be 95% of total volumes withdrawn. We monitor this relevant water aspect so that we can improve cost management and identify opportunities to decrease water consumption. All facilities within our operational control are included (none are excluded). Water discharges are sent to local wastewater treatment plants, and our operational facilities are required to comply with local & national regulations.
Water discharges – volumes by treatment method	26-50	Water discharges (volumes by treatment method) are estimated monthly. The method of measurement for these discharges is the wastewater treatment systems at our manufacturing sites. We monitor this relevant water aspect so that we can maintain compliance with applicable regulations set forth by the Irish EPA, U.S. EPA, and local sewer agencies. Two facilities that we own (Rensselaer & Limerick) are included. Leased sites where Regeneron does not have operational control are excluded. Our Tarrytown & Sleepy Hollow sites are also excluded, as onsite treatment is not necessary prior to reaching the municipal wastewater treatment plant.
Water discharge quality – by standard effluent parameters	26-50	Water discharge quality (by standard effluent parameters) is regularly measured and monitored on a weekly and monthly basis. The standard effluent parameters are measured by wastewater treatment systems at our manufacturing sites. We measure this relevant water aspect to ensure that our water discharges have at least the same quality as the water that was sourced, and to comply with applicable regulations set forth by the Irish EPA, U.S. EPA, and local sewer agencies. An example of effluent parameters measured include temperature, pH, BOD, COD, and suspended solids. Two facilities that we own (Rensselaer & Limerick) are included. Leased sites where Regeneron does not have operational control are excluded. Our Tarrytown & Sleepy Hollow sites are also excluded, as the measurement of discharge quality is not required prior to reaching the municipal wastewater treatment plant. Water discharge quality is measured & monitored using onsite systems, which relates directly to our operations.
Water discharge quality – temperature	26-50	Water discharge quality (temperature) is regularly measured and continuously monitored. The method of measurement for water discharge temperature is the wastewater treatment systems at our manufacturing sites. We measure this relevant water aspect to ensure that our water discharges have at least the same quality as the water that was sourced, and to comply with applicable regulations set forth by the Irish EPA, U.S. EPA, and local sewer agencies. Two facilities that we own (Rensselaer & Limerick) are included. Leased sites where Regeneron does not have operational control are excluded. Our Tarrytown & Sleepy Hollow sites are also excluded, as the measurement of discharge quality is not required prior to reaching the municipal wastewater treatment plant. Water discharge quality is measured & monitored using onsite systems, which relates directly to our operations.
Water consumption – total volume	100%	Water consumption (total volume) is estimated monthly. The method of measurement for our withdrawals is through onsite water meters, and we assume a 5% consumption rate for withdrawals based on our operations. We measure this relevant water aspect so that we can understand how the company's growth & operational changes affect our water consumption and identify opportunities to decrease our water usage. All facilities within our operational control are included (none are excluded). Water withdrawals are directly measured using onsite water meters (which relates directly to our operations), and consumption is estimated to be 5% of withdrawals.
Water recycled/reused	Not relevant	Our business withdraws water only from third-party sources, and water is discharged only to municipal facilities. Recycling and reuse of water by these facilities is unknown. Opportunities to recycle/reuse water may be explored in the future as this water aspect may potentially become relevant. Our manufacturing facilities are engaged in a water mapping and stewardship program to better understand site water usage. One of the main goals of this program is to identify potential water recycling, reuse, and other efficiency opportunities for support functions, which could utilize recycled/reused water.
The provision of fully-functioning, safely managed WASH services to all workers	100%	Regeneron monitors this aspect on a continual basis. Our Facilities and Environmental Health & Safety teams ensure that WASH services are provided at all facilities. We monitor this aspect because WASH services are essential in our direct operations, which involve research and manufacturing activities. All facilities within our operational control are included (none are excluded). The provision of fully-functioning, safely managed WASH services is monitored & maintained onsite, which relates directly to our operations.

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	2220	Higher	In 2021, total withdrawals were 2,220 megaliters. Total withdrawals in 2020 and 2019 were 2,054 megaliters and 1,952 megaliters, respectively. There was an 8% increase in withdrawals from 2020 to 2021. This increase reflects overall company growth, particularly at our manufacturing facilities in Rensselaer, New York and Limerick, Ireland. Future withdrawals are anticipated to increase slightly when comparing all sites reported this year to future reporting of the same sites. This potential increase is anticipated because of the company's expansion, both in headcount and square footage, to accommodate operational needs.
Total discharges	2109	Higher	In 2021, total discharges were 2,109 megaliters. Total discharges in 2020 and 2019 were 1,951 megaliters and 1,854 megaliters. There was an 8% increase in total discharges compared to 2020. Total discharges are slightly higher this year. This is due to company growth, particularly at our manufacturing facilities in Rensselaer, New York and Limerick, Ireland. Future discharges are anticipated to increase slightly when comparing all sites reported this year to future reporting of the same sites. This potential increase is anticipated because of the company's expansion, both in headcount and square footage, to accommodate operational needs. Regeneron sends all non-hazardous wastewater to municipal wastewater treatment plants, which is estimated to be 95% of withdrawals. This assumption is based on water consumed for manufacturing, food preparation and drinking.
Total consumption	111	Higher	This figure is based on a company-wide calculation using withdrawals minus discharges. Based on our operations, water consumption is estimated to be 5% of total water withdrawals. Total consumption increased in 2021. This is due to company growth, particularly at our manufacturing facilities in Rensselaer, New York and Limerick, Ireland. Future volumes are anticipated to increase slightly when comparing all sites reported this year to future reporting of the same sites. This potential increase is anticipated because of the company's expansion, both in headcount and square footage, to accommodate operational needs.

W1.2d

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

	Withdrawals are from areas with water stress	% withdrawn from areas with water stress	Comparison with previous reporting year	Identification tool	Please explain
Row 1	Yes	Less than 1%	About the same	WRI Aqueduct	<p>The percentage of water withdrawn from areas with water stress is about the same as the previous reporting year. The WRI Aqueduct tool was used to evaluate whether water withdrawals occurred in water-stressed areas. Specifically, baseline water stress was evaluated for Regeneron's global locations. WRI's Aqueduct tool defines baseline water stress as 'the ratio of total water withdrawals to available renewable surface and groundwater supplies,' in which 'higher values indicate more competition among users.' 2 locations, Basking Ridge, NJ and Uxbridge, UK, were identified as having 'High (40-80%)' baseline water stress. These locations count for less than 1% of the company's water withdrawals. To calculate withdrawals in regions with water stress, the water withdrawals of those identified locations were summed and divided by the company's total water withdrawals. Regeneron's proportion of total withdrawals sourced from water stressed areas is minimal, as it is less than 1%.</p> <p>Regeneron's water risk was assessed based on WRI Aqueduct's seven water risk layers and a non-weighted average of those risks. The water withdrawals at all sites were evaluated against these identified risks to determine which sites have the most significant negative contribution to local water risks.</p>

W1.2h

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

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Fresh surface water, including rainwater, water from wetlands, rivers, and lakes	Not relevant	<Not Applicable>	<Not Applicable>	Withdrawals from fresh surface water are not relevant because our facilities source all water for direct operations from third-party sources (local municipalities). In the short-term (0 - 3 years), we do not anticipate any significant changes in the proportion of our withdrawals of fresh surface water, as we do not expect to utilize more than negligible amounts of rainwater or grey water for our processes.
Brackish surface water/Seawater	Not relevant	<Not Applicable>	<Not Applicable>	Brackish surface water/Seawater is not relevant to Regeneron because we do not withdraw water directly from these sources. All of our water withdrawals come from third-party sources (local municipalities). In the future, we do not anticipate any changes in water withdrawals from brackish surface water/seawater.
Groundwater – renewable	Not relevant	<Not Applicable>	<Not Applicable>	Renewable groundwater is not relevant to Regeneron because we do not withdraw water directly from renewable groundwater sources. All of our water withdrawals come from third-party sources (local municipalities). In the future, we do not anticipate any changes in water withdrawals from this source.
Groundwater – non-renewable	Not relevant	<Not Applicable>	<Not Applicable>	Non-renewable groundwater is not relevant to Regeneron because we do not withdraw water directly from non-renewable groundwater sources. All of our water withdrawals come from third-party sources (local municipalities). It is unclear which, if any, portion of municipality provided water is sourced from non-renewable groundwater. In the future, we do not anticipate any changes in water withdrawals from this source.
Produced/Entrained water	Not relevant	<Not Applicable>	<Not Applicable>	Produced/entrained water is not relevant to Regeneron because we do not withdraw water directly from produced/entrained sources. All our water withdrawals come from third-party sources (local municipalities). In the future, we do not anticipate any changes in water withdrawals from this source.
Third party sources	Relevant	2220	Higher	Water withdrawals from third-party sources are relevant because all of the company's water withdrawals come from third-party sources (local municipalities). Third-party sources will be relevant in the future, as we anticipate that we will continue to withdraw essentially all of our water from third-party sources. The increase in water withdrawals is due to operational growth in 2021, particularly at our manufacturing locations. Future volumes are anticipated to increase due to the company's growth in accommodation of operational needs.

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	<Not Applicable>	<Not Applicable>	Discharges to fresh surface water are not relevant to Regeneron because all water discharges go to municipal wastewater treatment plants. This destination will not be relevant in the future, as we will continue to discharge all wastewater to municipal wastewater treatment plants.
Brackish surface water/seawater	Not relevant	<Not Applicable>	<Not Applicable>	Discharges to brackish surface water/seawater are not relevant to Regeneron because all water discharges go to municipal wastewater treatment plants. This destination will not be relevant in the future, as we will continue to discharge all wastewater to municipal wastewater treatment plants.
Groundwater	Not relevant	<Not Applicable>	<Not Applicable>	Discharges to groundwater sources are not relevant to Regeneron because all water discharges go to municipal wastewater treatment plants. This destination will not be relevant in the future, as we will continue to discharge all wastewater to municipal wastewater treatment plants.
Third-party destinations	Relevant	2109	Higher	Discharges to third-party destinations are relevant, as Regeneron sends all non-hazardous wastewater to municipal wastewater treatment plants. Based on the amount of water consumed for manufacturing, food preparation and drinking, we estimate water discharges to be 95% of withdrawals. The increase in water discharges is due to operational growth in 2021, particularly at our manufacturing locations. In the future, third-party destinations will be relevant, as we will continue to discharge all wastewater to municipal wastewater treatment plants. Future volumes are anticipated to increase due to the company's growth in accommodation of operational needs.

W1.2j

(W1.2j) Within your direct operations, indicate the highest level(s) to which you treat your discharge.

	Relevance of treatment level to discharge	Volume (megaliters/year)	Comparison of treated volume with previous reporting year	% of your sites/facilities/operations this volume applies to	Please explain
Tertiary treatment	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	None of our sites perform tertiary treatment to water discharges.
Secondary treatment	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	None of our sites perform secondary treatment to water discharges.
Primary treatment only	Relevant	660	Lower	11-20	Our manufacturing site in Limerick, Ireland applies primary treatment, including pH correction, temperature and flow control, to wastewater discharges.
Discharge to the natural environment without treatment	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Regeneron does not discharge water to the natural environment, but rather to third-party municipalities/wastewater treatment plants. Therefore, discharge to the natural environment is not relevant to our business.
Discharge to a third party without treatment	Relevant	1449	Higher	81-90	All of Regeneron's sites, with the exception of Limerick, discharge water directly to third-party municipalities without primary, secondary, or tertiary treatment. Our Rensselaer site performs pre-treatment (rather than primary), which involves pH balancing and heat tempering. Total discharges to a third-party without treatment are about the same as the previous reporting year. For these sites, we anticipate future discharges to increase due to operational needs from company growth, however, such increases may be offset by ongoing efforts to explore water recycling/reuse.
Other	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	There are no additional treatment levels applicable to our business.

W1.3

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

	Revenue	Total water withdrawal volume (megaliters)	Total water withdrawal efficiency	Anticipated forward trend
Row 1	1607170000	2220	7239504.5045045	Regeneron anticipates at minimum maintaining the total water withdrawal efficiency, however, ongoing efforts to explore water recycling/reuse may increase our efficiency over time.

W1.4

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

Yes, our customers or other value chain partners

W1.4c

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

Regeneron engages with municipalities & local government agencies, who are key partners in the company's value chain. The organization's rationale for prioritizing engagements with these partners in the value chain is to ensure that our sites are receiving sufficient high-quality water supplies, as they are essential for our research activities and manufacturing of pharmaceutical drugs. The strategy for prioritizing engagements with these partners involves monthly communication between key members of our Facilities and Environmental Health & Safety teams and these partners to meet local and regional compliance requirements for the quality of our water discharges and ensure that we are withdrawing and discharging water at an acceptable quantity and quality.

The company's strategy to prioritize engagements with additional partners in the value chain, such as stakeholders, involves the communication of our water-related initiatives in public reports & submissions. We implement strategic initiatives to ensure that we are reducing our impact in water-stressed areas and communicate these efforts to important stakeholders. Additionally, we engaged stakeholder groups as part of the Company's materiality assessment, which included water-related matters and other environmental issues, to evaluate the significance of various factors to stakeholders and to our business success.

Engagement success is measured and achieved by meeting compliance requirements and receiving positive feedback from our stakeholders regarding our initiatives to reduce water-related impacts.

W2. Business impacts

W2.1

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

No

W2.2

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

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

W2.2a

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

Row 1

Total number of fines

2

Total value of fines

500

% of total facilities/operations associated

9

Number of fines compared to previous reporting year

About the same

Comment

2 fines were nearly equal in financial impact and are specific to wastewater. Fines are not considered significant.

W3. Procedures

W3.3

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

Yes, water-related risks are assessed

W3.3a

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

Value chain stage

Direct operations
Supply chain

Coverage

Full

Risk assessment procedure

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

Frequency of assessment

Annually

How far into the future are risks considered?

More than 6 years

Type of tools and methods used

Tools on the market

Tools and methods used

WRI Aqueduct

Contextual issues considered

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

Stakeholders considered

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

Comment

The company conducts a comprehensive evaluation of its global operations and value chain to identify and assess water-related risks. Given the importance of high-quality water to our business, the company assesses a broad scope of contextual issues and potential impacts to/from various stakeholders. The purpose of identifying and assessing water-related risks is to ensure continuity of supply to our operations and suppliers to mitigate impacts to our research and manufacturing, and to assess social impacts to local communities near our operations and value chain. The company uses WRI's Aqueduct tool to evaluate current and future water risks, including water availability/quantity (including water stress, water depletion, and groundwater table decline), quality (untreated connected wastewater, and coastal eutrophication), and regulatory and reputational risks (sanitation, drinking water, broader ESG risk exposure).

W3.3b

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

Regeneron's process leverages WRI's Aqueduct tool to identify and assess water-related risks within its operations and value chain. The time horizon considered is long-term, which is more than 6 years into the future. The company uses WRI's Aqueduct tool to evaluate current and future water risks, including water availability/quantity (including water stress, water depletion, and groundwater table decline), quality (untreated connected wastewater, and coastal eutrophication), and regulatory and reputational risks (sanitation, drinking water, broader ESG risk exposure). Based on the results of the WRI Aqueduct assessment, risks that are identified as "high" are prioritized for mitigation and/or elimination. Key internal stakeholders (Facilities and Environmental Health & Safety) as well as external stakeholders (local municipalities) discuss these "high" risk factors and prioritize them accordingly. "High" risks that affect our research and development and manufacturing locations are deemed an immediate priority. Then, among those immediate priority risks, those that affect our ability to source adequate amounts of high-quality fresh water for our operations become top priority action items.

To respond to these risks, we engage with key internal and external stakeholders in the upstream and direct operations stages of the value chain because these stages have the most significant and direct influence on the company's operations and its ability to produce high quality medicines for patients. Stakeholders in these stages of the value chain are included in the decision-making process for responding to the risks identified in the WRI Aqueduct tool, and directly influence the water-related initiatives that Regeneron pursues. These stakeholders ensure that 1) all risks are prioritized and 2) there is consensus to collaborate and implement strategies to reduce these risks. To respond and mitigate these risks, the Facilities and Environmental Health & Safety teams are primarily responsible for developing feasible solutions and implementing initiatives accordingly, maintaining compliance with regulations, and consulting external stakeholders when necessary.

The company considers a broad scope of contextual issues to ensure an understanding of short-, medium-, and long-term risks which may impede our ability to produce medicines for patients. Water availability and water quality at a basin/catchment level are indicative of the company's ability to source high-quality water across time horizons in our direct operations. Implications of water on our key commodities/raw materials allows the company to monitor supply continuity and our ability to receive key inputs for our research and manufacturing activities. Access to WASH services for all employees also impacts our ability to provide a safe workplace for employees, which is essential in our research and manufacturing environments. Stakeholder conflicts concerning water at a basin/catchment level and status of ecosystems and habitats can be indicative of medium- and long-term risks to water availability and quality, and can highlight opportunities to remediate and preserve local ecosystems. Water regulatory frameworks can be indicative of inherent risks, broader mitigation/remediation efforts needed, and inform our actions to comply with local and federal water regulations.

Suppliers, local water utilities, and other water users at the basin/catchment level provide insight on supply continuity, both for raw materials and high-quality water for use in our research and manufacturing. Employees are considered because access to clean water is critical to the health and safety of our employees, and our employees are critical to our ability to conduct research and manufacture medicines to our patients. Customers are considered because water availability is necessary to provide medications to our end customers, our patients. NGOs and local communities are considered because we seek to preserve local ecosystems and maintain the health and well-being of the communities in which we operate, and local NGOs play a key role in advancing sustainable water sourcing in the local communities where we operate. Regulators are considered to ensure we are complying with all applicable regulations and standards in the areas we operate. Investors are considered because they request information regarding operational processes and are interested in the Company's responsible practices.

W4. Risks and opportunities

W4.1

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

No

W4.1a

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

All corporate risks are identified and assessed using Business Impact Analysis (BIA) criteria, which are used company-wide to determine the magnitude of the impact to the company over the long-term horizon. The BIA criteria are written and re-evaluated at least two times per year by a collaborative effort between the Real Estate and Facilities Management department, Security, and Environmental Health & Safety. The four impact criteria include financial materiality, compliance, operational and competitive edge, and shareholder/stakeholder confidence value. These impacts are rated on a scale with six levels: very low, low, medium, high, very high and extreme. Climate and water-related risks are identified and assessed within these BIA criteria. A risk with a substantive financial and/or strategic impact would be rated on that scale as medium, high, very high, or extreme. A substantive financial impact of a climate or water-related risk would have a cost impact greater than \$50 million, and would receive a BIA rating of medium, high, very high or extreme. An example of this would be the magnitude of additional operational expenses incurred because of a climate-related disaster. Other substantive financial and strategic impacts from climate and water-related risks could include the loss of a sole source production line or an interruption to the R&D pipeline, which could result in a loss of revenue in excess of \$50 million.

Additionally, our Responsibility Committee conducts ESG materiality assessments every 3-to-5 years to identify and evaluate climate and water-related risks based on their significance to stakeholders and to the business. The committee engages with senior leaders and external stakeholder groups to prioritize the responsibility issues with potential significant impact to the business.

W4.2b

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

	Primary reason	Please explain
Row 1	Risks exist, but no substantive impact anticipated	This year, Regeneron continued its ongoing process to evaluate water risks using the WRI Aqueduct tool. We plan to repeat this evaluation on an annual basis. The tool provides us with valuable information about future water stress, seasonal variability, water supply, and water demand in the areas where we operate. The ability to source adequate amounts of high-quality fresh water is at the utmost importance to our business. Based on the results of the WRI Aqueduct assessment, risks of major disruptions in our ability to source enough high-quality fresh water for our operations are not very likely, particularly for our research and manufacturing locations. The water depletion class is low for the areas in which our research and development facility and two manufacturing facilities are located. Additionally, the overall water risk is rated low to medium for these facilities. Given that we source all of our water from the local municipalities in which we operate, the low water depletion risk and low to medium overall water risk also apply to these partners in the value chain. These risks are not projected to change. Therefore, we acknowledge that risks exist, but no substantive impact is anticipated. Contingency plans are developed as we expand, and we assess our existing operations to minimize any potential risks.

W4.2c

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

	Primary reason	Please explain
Row 1	Risks exist, but no substantive impact anticipated	Based on the results of the WRI Aqueduct assessment, the water depletion risk is low and the overall water risks are rated low to medium for the areas in which our research and development facility and two manufacturing facilities are located. Given that we source all our water from the local municipalities in which we operate, the low water depletion risk and low to medium overall water risk also apply to these partners in the value chain. These risks are not projected to change. Therefore, we acknowledge that risks exist, but no substantive impact is anticipated. The partners in our value chain from which we source water have not identified any present or future risks that would have a substantial impact to our business. Additionally, we have not identified any single-source unaffiliated third-party suppliers with risks that currently have a substantive impact on our business.

W4.3

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

No

W4.3b

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

	Primary reason	Please explain
Row 1	Evaluation in progress	Regeneron has previously assessed and realized water-related opportunities for our business, which included operational efficiency and cost savings. The company will re-evaluate water related opportunities for our global sites, which we anticipate will conclude in 2023. Our manufacturing sites and headquarters have completed water mapping strategies which will inform this broader evaluation of water-related opportunities. Results of the company's water risk assessment using WRI's Aqueduct tool will also be considered to guide a context-based approach. Opportunities will be categorized by type and potential financial impact to identify 'substantive' opportunities and will be defined in context of related operational expenses.

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 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 Recognition of environmental linkages, for example, due to climate change	Regeneron's Policy on Environment, Health & Safety acknowledges local, regional, and global environmental impacts. This policy clearly states a company-wide, global commitment to minimize the use of natural resources and conserve water, as these issues are increasingly important to our business. Regeneron's Code of Business Conduct also indicates the company's commitment to water stewardship. Our Code of Business Conduct states that our responsibility to protect the environment is a critical aspect of conducting business ethically. We seek to comply with all environmental laws and regulations, and are committed to minimizing risks, such as water depletion, that could negatively impact our community or the environment. Our Vendor Code describes our water standards for procurement, as it specifically indicates that our vendors are expected to have systems in place to ensure the safe handling, movement, storage, recycling, reuse or management of wastewater discharges. Additionally, our Responsibility Report details our water-related goal, which applies company-wide. Our goal is to improve water efficiencies by implementing a global water mapping strategy and water stewardship program. We also align our efforts with United Nations Water and the "Responsible Consumption and Production" goal of the United Nations SDGs, as we recognize the linkages between water-related issues and climate change impacts. Our strategy to operate responsibly includes reducing water withdrawals and decreasing water-related risks at all locations. The purpose of our policy is to affirm our commitment to ensuring water stewardship and compliance with regulations at all sites, describe our water standards and company targets, and align our practices with the UN SDGs for internal and external stakeholders. The scope of the policy includes company-wide operations because we strive to maintain consistency in our commitments, performance objectives, and strategies across all sites.

W6.2

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

Yes

W6.2a

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

Position of individual	Please explain
Board-level committee	Regeneron's Board of Directors has formalized and delegated board oversight of responsibility for certain ESG and climate-related matters to the Corporate Governance and Compliance Committee of the Board. The CEO is also a member of the Board and engages with the Corporate Governance and Compliance Committee on ESG and climate-related issues. The Corporate Governance and Compliance Committee oversees the Company's key corporate responsibility initiatives (other than those specifically reserved for another committee of the Board or the full Board), including those expected to have a significant impact on the Company's ability to deliver sustained growth; and conducts a periodic review of ESG matters pertaining to the Company. One example of a water-related decision made by the Corporate Governance and Compliance Committee was the review and endorsement of the Company's water goal, which is to improve water efficiencies by implementing a global water mapping strategy and water stewardship program.

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	Other, please specify (Once per year as part of the Corporate Governance and Compliance Committee's annual review of ESG matters)	Reviewing and guiding corporate responsibility strategy	Regeneron's Board of Directors formalized and delegated oversight of Environmental, Social and Governance (ESG) and climate-related matters to the Corporate Governance and Compliance Committee (CGCC). This Committee typically meets five times a year to, among other things, fulfill its responsibility to oversee Regeneron's key corporate responsibility initiatives and other significant corporate governance matters. Toward this end, the CGCC conducts an annual review of ESG matters, including overarching strategies to address climate and water-related risks and opportunities. The CEO, a member of the Board of Directors, has overall responsibility for ESG and climate-related matters. The CGCC and CEO review, provide feedback on, and/or approve climate-related items, such as climate-related scenario analysis (e.g., Task Force on Climate-related Financial Disclosures, or TCFD), materiality assessments, and our global corporate responsibility goals.

W6.2d

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

	Board member(s) have competence on water-related issues	Criteria used to assess competence of board member(s) on water-related issues	Primary reason for no board-level competence on water-related issues	Explain why your organization does not have at least one board member with competence on water-related issues and any plans to address board-level competence in the future
Row 1	No, and we do not plan to address this within the next two years	<Not Applicable>	Judged to be unimportant, explanation provided	Regeneron seeks to have a Board of Directors comprised of highly qualified directors with diverse skillsets and backgrounds who will serve as stewards of investor capital and drive the Company's scientific focus to ensure the continued creation of long-term shareholder value. The company seeks to ensure that our board as a whole possesses the mix of skills and experiences to provide effective oversight and guidance to management to execute on the Company's long-term strategy. Water-related competence has not been identified as a priority skillset to date.

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)
Corporate responsibility committee

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

Frequency of reporting to the board on water-related issues
Annually

Please explain
Regeneron's Responsibility Committee, comprised of top-level cross-functional business leaders, reports to the Board of Director's Corporate Governance and Compliance Committee. The Responsibility Committee oversees and is accountable for global environmental goals, targets, and metrics, including water. The associated responsibilities of the committee members include monitoring and assessing climate-related risks and opportunities, spearheading the development of company-wide environmental targets, and identifying individuals with the appropriate skill sets and operational responsibility (primarily within the Environmental Health & Safety and Facilities teams) to respond to climate and water-related risks and opportunities. Climate and water-related issues are monitored through business continuity risk evaluations as well as the Company's Task Force on Climate-related Financial Disclosures (TCFD) assessment.

W6.4

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

	Provide incentives for management of water-related issues	Comment
Row 1	No, and we do not plan to introduce them in the next two years	

W6.5

(W6.5) Do you engage in activities that could either directly or indirectly influence public policy on water through any of the following?
No

W6.6

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

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

REGN_RR21_2021.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	11-15	<p>The water-related issues that are integrated into our long-term business objectives include the quantity and quality of water withdrawals, as well as the quality of our discharges. An example of how these issues are integrated into long-term business objectives is our commitment to install low-flush and low-flow fixtures in renovations and new construction projects at our campuses. Additionally, we created a company-wide goal to improve water efficiencies by implementing a global water mapping strategy and water stewardship program by 2025.</p> <p>To pursue these long-term objectives, our manufacturing sites continue to review efficiency measures for the WFI (water for injection) systems to economize process water. As another example, one of our manufacturing facilities performed an assessment to determine 1) the wastewater generation expected at full operational capacity and 2) the process water purification necessary for the wastewater to meet all regulatory compliance for discharge into the sanitary supply. These efforts all support our long-term objectives of conserving water while maintaining operational needs, complying with all applicable regulations, and progressing towards our company-wide water goal. The time horizon chosen is the most reasonable period for which we can sufficiently create strategic business plans.</p>
Strategy for achieving long-term objectives	Yes, water-related issues are integrated	11-15	<p>The water-related issues that are integrated into our strategy for achieving long-term business objectives include the quantity and quality of water withdrawals, as well as the quality of our discharges. As an example of integrating water-related issues into the strategy for achieving long-term objectives, the Facilities and Environmental Health & Safety groups identify gaps in process efficiency and areas where water withdrawals can be reduced. This strategy involves implementing a standardized procedure, modelling the procedure against a baseline, confirming results, and establishing a business case for an appropriate solution. Next steps are to present the business case, gain project approval, implement the project, and complete a perpetual cycle of 1) track and measure performance, 2) re-evaluate as necessary, and 3) modify the affected system as necessary. The time horizon chosen is the most reasonable period for which we can sufficiently create strategic business plans.</p>
Financial planning	Yes, water-related issues are integrated	11-15	<p>The water-related issues that are integrated into our financial planning include the quantity of water withdrawals, as well as the quantity and quality of our discharges. As an example of how these issues are integrated into financial planning, water reduction activities are incorporated into plans for growth to save money long-term. As another example, we consider the quantity and cost of water withdrawals when selecting appliances and process equipment for facility expansions, particularly with our two manufacturing sites and research & development facility. We ensure that the appropriate equipment is chosen early in the financial planning process so that we continue to be responsible in our water consumption & discharge.</p>

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)

5

Water-related OPEX (+/- % change)

27

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

20

Please explain

Regeneron's water-related CAPEX remained the same compared to the previous reporting year, as the budget dedicated to water-related appliances for new construction and major renovation projects did not change. The anticipated future trend for CAPEX is 5%, related to long-term new construction projects at our research and manufacturing sites. Regeneron's water-related OPEX increased 27% compared to the previous reporting year. This water-related expenditure reflects the company-wide increase in water withdrawals and regional market variability from 2020 to 2021. The anticipated future trend is 20%, influenced by increased water withdrawals to accommodate operational growth.

W7.3

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

	Use of scenario analysis	Comment
Row 1	Yes	<p>We utilize the WRI Aqueduct and TCFD assessments to inform our business strategy. For the WRI Aqueduct analysis, Regeneron's water risk is assessed based on seven risk layers and a non-weighted average of those risks. The water withdrawals at all sites are evaluated against the risks to determine which sites have the largest negative contribution to local water risks. We also evaluate water stress as well as supply and demand in line with TCFD recommendations. Although the overall water risk for our sites is relatively low, we consider any potential future risks at our R&D and manufacturing sites to be high priority. Key internal and external stakeholders discuss these risk factors, compare them to BIA criteria, and prioritize them accordingly. Those risks that affect our ability to source high quality fresh water for our operations are addressed by the Facilities and EH&S teams, who are primarily responsible for developing feasible solutions and implementing initiatives.</p>

W7.3a

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

	Type of scenario analysis used	Parameters, assumptions, analytical choices	Description of possible water-related outcomes	Influence on business strategy
Row 1	Water-related Climate-related	To perform the climate scenario analysis, Regeneron selected the Shared Socioeconomic Pathway 3 - RCP 7 (SSP3-RCP7.0) scenario. The assessment utilized the most advanced climate models, which incorporate socioeconomic pathways. The SSP3-RCP7.0 scenario aligns with a more realistic business-as-usual scenario, which assumes a 4.1 degrees Celsius increase by the end of the century based on existing actions and climate commitments made globally. The analysis is supplemented using WRI's Aqueduct tool to understand how water related risks will change over time, considering optimistic, pessimistic, and business as usual scenarios through 2040.	The analysis showed that our Rensselaer and Limerick sites have the greatest consumption of water but are located in areas where the average overall water risk is rated low to medium. Two of our sites in Europe are located in areas with a medium to high water stress risk, and a medium overall water risk. However, these two sites have the lowest water consumption among Regeneron's locations. There may be future challenges that arise from policy-based water restrictions in those higher risk areas. However, since our withdrawals are minimal in those areas, little to no financial or operational impacts are anticipated.	The outcomes of the climate and water scenario analyses inform our business strategy in context of R&D, our value chain, operations, and R&D investment. Mitigation efforts are prioritized for identified risks which are deemed high, considering the short-term (0 – 3 years) and medium-term (3 –5 years) time horizons. Given low risks in our operations, the company continues to monitor water policies which may influence our operations and value chain.

W7.4

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

Row 1

Does your company use an internal price on water?

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

Please explain

Water expenses comprise an immaterial portion of Regeneron's OPEX. Also, Regeneron's sites have a total average water risk that is relatively low, so we do not anticipate setting an internal price on water within the next two years. If any of these factors change, Regeneron will re-evaluate if an internal price on water is appropriate for the business strategy and future planning initiatives.

W7.5

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

	Products and/or services classified as low water impact	Definition used to classify low water impact	Primary reason for not classifying any of your current products and/or services as low water impact	Please explain
Row 1	No, and we do not plan to address this within the next two years	<Not Applicable >	Important but not an immediate business priority	Delivering high quality medicines to patients is critical to our business. As a biotechnology company, we withdrawal significant amounts of water from local municipalities which aid both drug research and drug manufacturing. In context, the company does not withdraw water from regions with medium or high water risk based on our water-risk assessment and water mapping projects conducted by our research and manufacturing sites have not revealed material risks. In addition, the company only consumes 5% of overall withdrawals. The company does not consider its products to be medium or high water impact.

W8. Targets

W8.1

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

	Levels for targets and/or goals	Monitoring at corporate level	Approach to setting and monitoring targets and/or goals
Row 1	Company-wide targets and goals Business level specific targets and/or goals Site/facility specific targets and/or goals	Targets are monitored at the corporate level Goals are monitored at the corporate level	We utilize analyses from the WRI Aqueduct tool and TCFD assessment to inform our decision-making regarding water-related issues. This ensures that targets and goals reflect geographic, regulatory, and other contextual factors. Our motivation to set targets is to adhere to local regulations and reduce the company's water-related impacts as the business continues to grow. Our forward-looking business strategy and approach to setting and monitoring targets is informed by the results of the WRI Aqueduct risk assessment, which gives us outcomes on various water risk factors by facility location. Our Facilities and Environmental Health & Safety teams are primarily involved in setting targets, ensuring that they are tracked, monitoring progress, and delivering meaningful outcomes for our organization and other water users.

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

Monitoring of water use

Level

Company-wide

Primary motivation

Cost savings

Description of target

Regeneron has established a commitment to improve water efficiencies by implementing a global water mapping strategy and water stewardship program at all locations by the end of 2025. This target is important because it will provide the company with a better understanding of current water consumption and help identify specific opportunities for reduced water usage and operational savings. As an example of how Regeneron is implementing the goal across the business, metering is being incorporated into an enterprise level tracking system for real time company-wide management, as applicable per site. We are identifying areas where water withdrawals are significant, so that we can develop strategies to reduce consumption and continue to source adequate amounts of water for our business.

Quantitative metric

% sites monitoring water consumption total volumes

Baseline year

2016

Start year

2019

Target year

2025

% of target achieved

100

Please explain

We have installed meters at all of our owned sites to measure water consumption and have measures in place to obtain necessary metering data from our remaining tenant site.

W8.1b

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

Goal

Promotion of water data transparency

Level

Company-wide

Motivation

Cost savings

Description of goal

Regeneron's water goal is to improve water efficiencies by implementing a global water mapping strategy and water stewardship program by 2025. This goal is important because it will provide the company with greater data transparency and reveal opportunities for reduced water usage and cost savings. As an example of how Regeneron is implementing this goal across the business, all our primary/owned sites are creating comprehensive water maps and identifying water stewards to promote water security.

Baseline year

2019

Start year

2020

End year

2025

Progress

There are two indicators of progress, one is the completion of a water map and the second is the identification and establishment of a water stewardship program. The threshold for success is having all owned sites complete a water map as well as designate a water steward. In terms of progress, three of Regeneron's owned sites (Limerick, Ireland, Rensselaer, NY, and Tarrytown, NY) have completed the water map for their sites. Also, the Limerick site has designated a water steward to ensure reliable supply of water.

W9. Verification

W9.1

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

Yes

verificationstatementregeneron2021.pdf

W9.1a

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

Disclosure module	Data verified	Verification standard	Please explain
W1 Current state	W1.2b (total volume of water withdrawals)	ISAE 3000	Regeneron's global water withdrawals were verified by a third-party.

W10. Sign off

W-FI

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

W10.1

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

	Job title	Corresponding job category
Row 1	Executive Vice President Finance, CFO	Chief Financial Officer (CFO)

W10.2

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

No

Submit your response

In which language are you submitting your response?

English

Please confirm how your response should be handled by CDP

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

Please confirm below

I have read and accept the applicable Terms