



AdvanSix Inc

# CDP Corporate Questionnaire 2026

Word version

**Important: this export excludes unanswered questions**

This document is an export of your organization's CDP questionnaire response. It contains all data points for questions that are answered or in progress. There may be questions or data points that you have been requested to provide, which are missing from this document because they are currently unanswered. Please note that it is your responsibility to verify that your questionnaire response is complete prior to submission. CDP will not be liable for any failure to do so.

[Read full terms of disclosure](#)

## C1. Introduction

### (1.1) In which language are you submitting your response?

Select from:

☒ English

### (1.2) Select the currency used for all financial information disclosed throughout your response.

Select from:

☒ USD

### (1.3) Provide an overview and introduction to your organization.

#### (1.3.2) Organization type

Select from:

☒ Publicly traded organization

#### (1.3.3) Description of organization

*AdvanSix Inc. is a diversified chemistry company playing a critical role in global supply chains, innovating and delivering essential products for our customers in a wide variety of end markets and applications that touch people's lives, such as building and construction, fertilizers, agrochemicals, plastics, solvents, packaging, paints, coatings, adhesives and electronics. Our reliable and sustainable supply of quality products emerges from the integrated value chain of our five U.S.-based manufacturing facilities. AdvanSix strives to deliver best-in-class customer experiences and differentiated products in the industries of nylon solutions, plant nutrients and chemical intermediates, guided by our core values of Safety, Integrity, Accountability and Respect. At AdvanSix, a key priority has been, and will continue to be, ensuring safe, stable and sustainable operations through best-in-class performance and adherence to our core values of Safety, Accountability, Integrity and Respect. We believe that our legacy and continued commitment to operational excellence, including process safety and commitment to ACC Responsible Care® principles, have served to establish a solid foundation for our corporate social responsibility and sustainability programs. By integrating health, safety, environmental and sustainability considerations into all aspects of our business, we strive to protect our team and the environment, achieve sustainable growth, accelerate productivity, and drive compliance with all applicable regulations. Our health, safety and environmental management systems reflect our values and help us meet our business objectives.*

*[Fixed row]*

**(1.4) State the end date of the year for which you are reporting data. For emissions data, indicate whether you will be providing emissions data for past reporting years.**

|  | End date of reporting year | Alignment of this reporting period with your financial reporting period | Indicate if you are providing emissions data for past reporting years |
|--|----------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------|
|  | 12/31/2025                 | Select from:<br><input checked="" type="checkbox"/> Yes                 | Select from:<br><input checked="" type="checkbox"/> No                |

[Fixed row]

**(1.4.1) What is your organization’s annual revenue for the reporting period?**

1522233000

**(1.5) Provide details on your reporting boundary.**

|  | Is your reporting boundary for your CDP disclosure the same as that used in your financial statements? |
|--|--------------------------------------------------------------------------------------------------------|
|  | Select from:<br><input checked="" type="checkbox"/> Yes                                                |

[Fixed row]

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

ISIN code - bond

### (1.6.1) Does your organization use this unique identifier?

Select from:

☒ No

### ISIN code - equity

### (1.6.1) Does your organization use this unique identifier?

Select from:

☒ Yes

### (1.6.2) Provide your unique identifier

US00773T1016

### CUSIP number

### (1.6.1) Does your organization use this unique identifier?

Select from:

☒ Yes

### (1.6.2) Provide your unique identifier

00773T101

### Ticker symbol

### (1.6.1) Does your organization use this unique identifier?

Select from:

☒ Yes

### (1.6.2) Provide your unique identifier

ASIX

## SEDOL code

(1.6.1) Does your organization use this unique identifier?

Select from:

☒ No

## LEI number

(1.6.1) Does your organization use this unique identifier?

Select from:

☒ Yes

(1.6.2) Provide your unique identifier

5493009TPRODMCAZLF67

## D-U-N-S number

(1.6.1) Does your organization use this unique identifier?

Select from:

☒ No

## Other unique identifier

(1.6.1) Does your organization use this unique identifier?

Select from:

☒ No

[Add row]

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

Select all that apply

☒ United States of America

(1.8) Are you able to provide geolocation data for your facilities?

|  | Are you able to provide geolocation data for your facilities?               | Comment                |
|--|-----------------------------------------------------------------------------|------------------------|
|  | Select from:<br><input checked="" type="checkbox"/> Yes, for all facilities | No additional comment. |

[Fixed row]

(1.8.1) Please provide all available geolocation data for your facilities.

Row 1

(1.8.1.1) Identifier

Frankford, PA

(1.8.1.2) Latitude

40.005895

(1.8.1.3) Longitude

-75.075637

(1.8.1.4) Comment

*This is a single manufacturing location.*

## Row 2

### (1.8.1.1) Identifier

*Hopewell, VA*

### (1.8.1.2) Latitude

*37.298781*

### (1.8.1.3) Longitude

*-77.272453*

### (1.8.1.4) Comment

*This is a single manufacturing location.*

## Row 3

### (1.8.1.1) Identifier

*Chesterfield, VA*

### (1.8.1.2) Latitude

*37.338532*

### (1.8.1.3) Longitude

*-77.282918*

### (1.8.1.4) Comment

*This is a single manufacturing location.*

## Row 4

### (1.8.1.1) Identifier

*Bucks, AL*

### (1.8.1.2) Latitude

*30.98657*

### (1.8.1.3) Longitude

*-88.02364*

### (1.8.1.4) Comment

*This is a single manufacturing location.*

## Row 5

### (1.8.1.1) Identifier

*Portsmouth, VA*

### (1.8.1.2) Latitude

*36.86108*

### (1.8.1.3) Longitude

*-76.34273*

### (1.8.1.4) Comment

*This is a single manufacturing location.*

*[Add row]*

### **(1.14) In which part of the chemicals value chain does your organization operate?**

Bulk inorganic chemicals

☒ Ammonia

☒ Fertilizers

Bulk organic chemicals

☒ Polymers

Other chemicals

☒ Specialty organic chemicals

### **(1.24) Has your organization mapped its value chain?**

#### **(1.24.1) Value chain mapped**

*Select from:*

☒ Yes, we have mapped or are currently in the process of mapping our value chain

#### **(1.24.2) Value chain stages covered in mapping**

*Select all that apply*

☒ Upstream value chain

#### **(1.24.3) Highest supplier tier mapped**

*Select from:*

☒ Tier 1 suppliers

#### **(1.24.4) Highest supplier tier known but not mapped**

Select from:

☒ Tier 2 suppliers

#### (1.24.7) Description of mapping process and coverage

*AdvanSix leverages internal enterprise-wide software systems and data to map suppliers. We also can use information provided from EcoVadis supplier assessments, which gives us view into our value chain. As part of our life cycle assessment project, we mapped our upstream supply chain for our three largest manufacturing sites. In addition, we have mapped suppliers as part of our corporate wide Scope 3 emissions inventory project. This provides data to allow value chain and supplier prioritization based on environmental impact. Specifically related to our upstream water suppliers we have completed a water body risk assessment to map source watersheds that supply our manufacturing locations. We can also use this to screen water related value chain risks.*

*[Fixed row]*

## C2. Identification, assessment, and management of dependencies, impacts, risks, and opportunities

(2.1) How does your organization define short-, medium-, and long-term time horizons in relation to the identification, assessment, and management of your environmental dependencies, impacts, risks, and opportunities?

### Short-term

(2.1.1) From (years)

0

(2.1.3) To (years)

4

(2.1.4) How this time horizon is linked to strategic and/or financial planning

*This is aligned with our strategic financial planning periods.*

### Medium-term

(2.1.1) From (years)

5

(2.1.3) To (years)

10

(2.1.4) How this time horizon is linked to strategic and/or financial planning

*This is beyond our typical financial planning periods but is typically covered in our capital spend strategic planning periods.*

Long-term

(2.1.1) From (years)

11

(2.1.2) Is your long-term time horizon open ended?

Select from:

☒ Yes

(2.1.4) How this time horizon is linked to strategic and/or financial planning

*This is beyond our typical strategic planning periods.*  
[Fixed row]

(2.2) Does your organization have a process for identifying, assessing, and managing environmental dependencies and/or impacts?

|  | Process in place                                        | Dependencies and/or impacts evaluated in this process                             |
|--|---------------------------------------------------------|-----------------------------------------------------------------------------------|
|  | Select from:<br><input checked="" type="checkbox"/> Yes | Select from:<br><input checked="" type="checkbox"/> Both dependencies and impacts |

[Fixed row]

(2.2.1) Does your organization have a process for identifying, assessing, and managing environmental risks and/or opportunities?

|  | Process in place                                               | Risks and/or opportunities evaluated in this process                                    | Is this process informed by the dependencies and/or impacts process? |
|--|----------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------|
|  | <i>Select from:</i><br><input checked="" type="checkbox"/> Yes | <i>Select from:</i><br><input checked="" type="checkbox"/> Both risks and opportunities | <i>Select from:</i><br><input checked="" type="checkbox"/> Yes       |

[Fixed row]

## (2.2.2) Provide details of your organization's process for identifying, assessing, and managing environmental dependencies, impacts, risks, and/or opportunities.

### Row 1

#### (2.2.2.1) Environmental issue

*Select all that apply*

- ☒ Climate change
- ☒ Water

#### (2.2.2.2) Indicate which of dependencies, impacts, risks, and opportunities are covered by the process for this environmental issue

*Select all that apply*

- ☒ Risks
- ☒ Opportunities

#### (2.2.2.3) Value chain stages covered

*Select all that apply*

- ☒ Direct operations
- ☒ Upstream value chain

- ☒ Downstream value chain

#### (2.2.2.4) Coverage

*Select from:*

- ☒ Full

#### (2.2.2.5) Supplier tiers covered

*Select all that apply*

- ☒ Tier 1 suppliers

#### (2.2.2.7) Type of assessment

*Select from:*

- ☒ Qualitative and quantitative

#### (2.2.2.8) Frequency of assessment

*Select from:*

- ☒ Annually

#### (2.2.2.9) Time horizons covered

*Select all that apply*

- ☒ Short-term
- ☒ Medium-term
- ☒ Long-term

#### (2.2.2.10) Integration of risk management process

*Select from:*

- ☒ Integrated into multi-disciplinary organization-wide risk management process

### (2.2.2.11) Location-specificity used

*Select all that apply*

- ☒ Site-specific
- ☒ Local
- ☒ National

### (2.2.2.12) Tools and methods used

Enterprise Risk Management

- ☒ Risk models

Other

- ☒ Desk-based research
- ☒ External consultants
- ☒ Internal company methods
- ☒ Scenario analysis

### (2.2.2.15) Risk types and criteria considered

Acute physical

- |                                                                 |                                                                                     |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Drought                     | <input checked="" type="checkbox"/> Heavy precipitation (rain, hail, snow/ice)      |
| <input checked="" type="checkbox"/> Heat wave                   | <input checked="" type="checkbox"/> Flood (coastal, fluvial, pluvial, ground water) |
| <input checked="" type="checkbox"/> Wildfires                   |                                                                                     |
| <input checked="" type="checkbox"/> Cold wave/frost             |                                                                                     |
| <input checked="" type="checkbox"/> Cyclone, hurricane, typhoon |                                                                                     |

Chronic physical

- ☒ Heat stress
- ☒ Increased levels of environmental pollutants in freshwater or marine bodies
- ☒ Precipitation or hydrological variability
- ☒ Sea level rise

☒ Water stress

#### Policy

☒ Carbon pricing mechanisms

☒ Regulation of contaminants

☒ Changes to national legislation

☒ Regulation of discharge quality/volumes

☒ Increased difficulty in obtaining operations permits

☒ Changes to international law and bilateral agreements

☒ Changes to regulations of existing products and services

☒ Increased difficulty in obtaining water withdrawals permits

#### Market

☒ Changing customer behavior

☒ Lack of availability and/or increased cost of raw materials

#### Reputation

☒ Increased concern and/or negative feedback from partners and stakeholders

☒ Negative press coverage related to support of projects or activities with negative impacts on the environment (e.g., GHG emissions, deforestation & conversion, water stress, excessive bycatch)

☒ Stigmatization of sector

#### Technology

☒ Transition to lower emissions technology and products

☒ Transition to water efficient and low water intensity technologies and products

#### Liability

☒ Non-compliance with regulations and legislation

### (2.2.2.16) Partners and stakeholders considered

*Select all that apply*

☒ NGOs

☒ Customers

☒ Employees

☒ Regulators

☒ Local communities

☒ Other water users at the basin/catchment level

- ☒ Investors
- ☒ Suppliers

### (2.2.2.17) Has this process changed since the previous reporting year?

Select from:

- ☒ No

### (2.2.2.18) Further details of process

*After our first CDP disclosure in 2022 AdvanSix recognized improvements were needed to our original TCFD aligned risk assessment. We then engaged a consultant to refine and improve our climate risk assessment processes to include best practices as well as scenario analysis. The effort took a proactive approach to identify physical and transition climate risks and opportunities to help inform future decision making and regulatory disclosures. A wide scan of stakeholders was incorporated into the assessment. A cross-functional team of participants representing our products, operations, and leadership teams participated in interviews to understand climate transition risks and opportunities across the enterprise. Water risks are pulled into the process by ensuring proper water body risk assessment knowledge experts were represented on the team as well as operational and environmental experts who understand water dependency and usage at our manufacturing locations. Water risks were also included in the physical risk models. The team provided input on both physical and transition-related risks and opportunities covering our own assets, suppliers, and customers. Physical scenarios are aligned with SSP2-45. and SSP5-8.5 and transition risks are aligned with IEA Announced Pledges. Both physical and transition risks were evaluated based on potential impact and likelihood. Each risk the team identified was assigned a likelihood score on a scale from 1-5 and potential impact score on a scale from 1-5 to determine an overall risk score across short (0-4 years), medium (4-10 years), and long term (10+ years) time horizons. An overall gross risk score (GRS) was determined for each risk by multiplying the impact score by the likelihood score, with a GRS score greater than 16 being categorized as a significant risk (or substantial). Annually we review our risk assessment to ensure it remains applicable and is aligned with current and emerging risks associated with the landscape of the chemical industry. We may also shift risks to an update time horizon to ensure short and middle horizon risks are properly assigned. We also track the output to monitor for how current landscape may impact our assessment results. This assists us with deciding when a larger consultant-led effort may be necessary.*

## Row 2

### (2.2.2.1) Environmental issue

Select all that apply

- ☒ Climate change
- ☒ Water

### (2.2.2.2) Indicate which of dependencies, impacts, risks, and opportunities are covered by the process for this environmental issue

*Select all that apply*

☒ Risks

### **(2.2.2.3) Value chain stages covered**

*Select all that apply*

☒ Upstream value chain

### **(2.2.2.4) Coverage**

*Select from:*

☒ Partial

### **(2.2.2.5) Supplier tiers covered**

*Select all that apply*

☒ Tier 1 suppliers

### **(2.2.2.7) Type of assessment**

*Select from:*

☒ Qualitative and quantitative

### **(2.2.2.8) Frequency of assessment**

*Select from:*

☒ Every three years or more

### **(2.2.2.9) Time horizons covered**

*Select all that apply*

☒ Short-term

### **(2.2.2.10) Integration of risk management process**

*Select from:*

- ☒ Integrated into multi-disciplinary organization-wide risk management process

#### **(2.2.2.11) Location-specificity used**

*Select all that apply*

- ☒ Not location specific

#### **(2.2.2.12) Tools and methods used**

Commercially/publicly available tools

- ☒ EcoVadis

#### **(2.2.2.15) Risk types and criteria considered**

Market

- ☒ Inadequate access to water, sanitation, and hygiene services (WASH)

Reputation

- ☒ Impact on human health
- ☒ Increased concern and/or negative feedback from partners and stakeholders
- ☒ Negative press coverage related to support of projects or activities with negative impacts on the environment (e.g., GHG emissions, deforestation & conversion, water stress, excessive bycatch)

Liability

- ☒ Exposure to sanctions and litigation
- ☒ Non-compliance with regulations and legislation

#### **(2.2.2.16) Partners and stakeholders considered**

*Select all that apply*

- ☒ Suppliers

### (2.2.2.17) Has this process changed since the previous reporting year?

Select from:

☒ No

### (2.2.2.18) Further details of process

*AdvanSix has a publicly available Sustainable Procurement Policy to describe how we handle our supply chain risks. Our process leverages the EcoVadis platform, our Together for Sustainability membership, as well as our publicly available Supplier Code of Business Conduct to screen and mitigate environmental theme risks in our supply chain. All sites are covered by our Supplier Code of Conduct and our procurement policies and procedures. Our TfS membership allows us insight into global best practices for supplier assessments. It also allows our value chain to share assessment results, which include climate and water topics. We review our supplier assessment results on a routine basis, at least annually. We note that our supplier's assessments are valid for a three-year time period before they are required to be updated. Some suppliers do update their assessments more frequently than every three years. We use this opportunity to provide positive feedback when warranted as well as encourage improvement.*

## Row 3

### (2.2.2.1) Environmental issue

Select all that apply

☒ Water

### (2.2.2.2) Indicate which of dependencies, impacts, risks, and opportunities are covered by the process for this environmental issue

Select all that apply

☒ Dependencies

☒ Impacts

☒ Risks

☒ Opportunities

### (2.2.2.3) Value chain stages covered

Select all that apply

☒ Direct operations

- ☒ Upstream value chain

#### (2.2.2.4) Coverage

*Select from:*

- ☒ Full

#### (2.2.2.5) Supplier tiers covered

*Select all that apply*

- ☒ Tier 1 suppliers

#### (2.2.2.7) Type of assessment

*Select from:*

- ☒ Qualitative and quantitative

#### (2.2.2.8) Frequency of assessment

*Select from:*

- ☒ Annually

#### (2.2.2.9) Time horizons covered

*Select all that apply*

- ☒ Short-term
- ☒ Medium-term
- ☒ Long-term

#### (2.2.2.10) Integration of risk management process

*Select from:*

- ☒ A specific environmental risk management process

### (2.2.2.11) Location-specificity used

*Select all that apply*

- ☒ Site-specific
- ☒ Local

### (2.2.2.12) Tools and methods used

Commercially/publicly available tools

- ☒ WRI Aqueduct
- ☒ WWF Biodiversity Risk Filter
- ☒ WWF Water Risk Filter

Other

- ☒ Partner and stakeholder consultation/analysis

### (2.2.2.15) Risk types and criteria considered

Acute physical

- ☒ Pollution incident

Chronic physical

- ☒ Water availability at a basin/catchment level
- ☒ Water stress
- ☒ Water quality at a basin/catchment level

Policy

- ☒ Increased difficulty in obtaining water withdrawals permits
- ☒ Regulation of discharge quality/volumes

Market

- ☒ Inadequate access to water, sanitation, and hygiene services (WASH)

### (2.2.2.16) Partners and stakeholders considered

Select all that apply

- ☒ Local communities
- ☒ Water utilities at a local level
- ☒ Other water users at the basin/catchment level

### (2.2.2.17) Has this process changed since the previous reporting year?

Select from:

- ☒ No

### (2.2.2.18) Further details of process

*AdvanSix reviewed the applicability of our Water Body Risk assessment in 2025. This effort also feeds information about potential risks and/or opportunities into our general business strategy as well as our TCFD climate risk assessment. It allows for a deep dive into water-based climate risks that are site specific and allows us to prioritize these risks based on assessment results while still identifying site specific priorities.*

## Row 4

### (2.2.2.1) Environmental issue

Select all that apply

- ☒ Climate change
- ☒ Water

### (2.2.2.2) Indicate which of dependencies, impacts, risks, and opportunities are covered by the process for this environmental issue

Select all that apply

- ☒ Dependencies
- ☒ Impacts
- ☒ Risks
- ☒ Opportunities

### (2.2.2.3) Value chain stages covered

*Select all that apply*

- ☒ Direct operations
- ☒ Upstream value chain
- ☒ Downstream value chain

### (2.2.2.4) Coverage

*Select from:*

- ☒ Full

### (2.2.2.5) Supplier tiers covered

*Select all that apply*

- ☒ Tier 1 suppliers

### (2.2.2.7) Type of assessment

*Select from:*

- ☒ Qualitative and quantitative

### (2.2.2.8) Frequency of assessment

*Select from:*

- ☒ Every three years or more

### (2.2.2.9) Time horizons covered

*Select all that apply*

- ☒ Short-term

### (2.2.2.10) Integration of risk management process

Select from:

- ☒ Integrated into multi-disciplinary organization-wide risk management process

#### (2.2.2.11) Location-specificity used

Select all that apply

- ☒ Site-specific
- ☒ Local
- ☒ Sub-national
- ☒ National
- ☒ Not location specific

#### (2.2.2.12) Tools and methods used

Other

- ☒ Desk-based research
- ☒ External consultants
- ☒ Internal company methods
- ☒ Materiality assessment
- ☒ Partner and stakeholder consultation/analysis

#### (2.2.2.15) Risk types and criteria considered

Market

- ☒ Changing customer behavior
- ☒ Lack of availability and/or increased cost of raw materials
- ☒ Uncertainty in market signals

Reputation

- ☒ Increased concern and/or negative feedback from partners and stakeholders
- ☒ Negative press coverage related to support of projects or activities with negative impacts on the environment (e.g., GHG emissions, deforestation & conversion, water stress, excessive bycatch)

☒ Stigmatization of sector

#### (2.2.2.16) Partners and stakeholders considered

Select all that apply

☒ Customers

☒ Local communities

☒ Employees

☒ Investors

☒ Suppliers

☒ Regulators

#### (2.2.2.17) Has this process changed since the previous reporting year?

Select from:

☒ Yes

#### (2.2.2.18) Further details of process

*We can use our materiality assessment to better identify our risks, opportunities, dependencies, and impacts. Using this assessment process, we can obtain insight into our value chain and stakeholder priorities which can help us map priorities and goals in alignment to our business activities. We gain information we can use to prioritize our activities in alignment with our stakeholder priorities. Annually we review our materiality assessment to ensure it is applicable to current stakeholder interests and make appropriate updates. Secondly, we can then determine when a more intensive approach might be required.*

### Row 5

#### (2.2.2.1) Environmental issue

Select all that apply

☒ Climate change

☒ Water

#### (2.2.2.2) Indicate which of dependencies, impacts, risks, and opportunities are covered by the process for this environmental issue

*Select all that apply*

- ☒ Dependencies
- ☒ Impacts
- ☒ Risks
- ☒ Opportunities

### **(2.2.2.3) Value chain stages covered**

*Select all that apply*

- ☒ Direct operations
- ☒ Upstream value chain

### **(2.2.2.4) Coverage**

*Select from:*

- ☒ Full

### **(2.2.2.5) Supplier tiers covered**

*Select all that apply*

- ☒ Tier 1 suppliers
- ☒ Tier 2 suppliers

### **(2.2.2.7) Type of assessment**

*Select from:*

- ☒ Quantitative only

### **(2.2.2.8) Frequency of assessment**

*Select from:*

- ☒ As important matters arise

### **(2.2.2.9) Time horizons covered**

*Select all that apply*

☒ Short-term

#### **(2.2.2.10) Integration of risk management process**

*Select from:*

☒ A specific environmental risk management process

#### **(2.2.2.11) Location-specificity used**

*Select all that apply*

☒ Site-specific

#### **(2.2.2.12) Tools and methods used**

International methodologies and standards

☒ Environmental Impact Assessment

☒ Life Cycle Assessment

Other

☒ External consultants

#### **(2.2.2.15) Risk types and criteria considered**

Market

☒ Changing customer behavior

☒ Uncertainty in market signals

Reputation

☒ Impact on human health

#### **(2.2.2.16) Partners and stakeholders considered**

Select all that apply

☒ Customers

☒ Suppliers

#### (2.2.2.17) Has this process changed since the previous reporting year?

Select from:

☒ No

#### (2.2.2.18) Further details of process

*Our life cycle assessment provides data on environmental impact factors of our products. Specifically we can evaluate our product impacts using TRACI impact metrics to identify potential risks or areas we should further investigate related to how our products impact people and the environment. It also allows us to better understand how our upstream supply chain feeds into the environmental impacts of our own product environmental impacts.*

[Add row]

### (2.2.7) Are the interconnections between environmental dependencies, impacts, risks and/or opportunities assessed?

#### (2.2.7.1) Interconnections between environmental dependencies, impacts, risks and/or opportunities assessed

Select from:

☒ Yes

#### (2.2.7.2) Description of how interconnections are assessed

*Our Water Body Risk Assessment (WBRA) results are used as an input into our TCFD aligned climate risk assessment process when evaluating potential risks and/or opportunities. This ensures we can holistically prioritize our risks and opportunities. In addition, we can link this information with our life cycle assessment metrics and Scope 3 data to incorporate our supply chain and own operations into these processes. This can help us to link the risks and opportunities to potential outcomes as well as linking these outcomes to product specific environmental impact metrics. This allows us to take a more holistic approach as we prioritize and identify areas for potential improvements and action. In addition to third party disclosure platforms, we also disclose this information in our annual sustainability report.*

[Fixed row]

### (2.3) Have you identified priority locations across your value chain?

### (2.3.1) Identification of priority locations

Select from:

☒ Yes, we have identified priority locations

### (2.3.2) Value chain stages where priority locations have been identified

Select all that apply

☒ Direct operations

### (2.3.3) Types of priority locations identified

Locations with substantive dependencies, impacts, risks, and/or opportunities

☒ Locations with substantive dependencies, impacts, risks, and/or opportunities relating to water

### (2.3.4) Description of process to identify priority locations

*We used our Water Body Risk Assessment to identify how local and regional water risks in the US may impact us corporatewide. Two locations were identified as at risk for future water stress, both near Richmond, VA area and having withdrawals sourced from the Appomattox River and discharges into the James River. From this we determined our Hopewell, VA site is a priority location due to the importance of water to site operations, the volume of water withdrawals and discharges, and by the fact that this site is the largest water user corporate wide. Because this is the only priority location, we are not disclosing a list or map. In addition, this site is impacted by the Chesapeake Bay Total Daily Maximum Limit (TDML). We are not updating a list of priority locations because there is only a single site.*

### (2.3.5) Will you be disclosing a list/spatial map of priority locations?

Select from:

☒ No, we have a list/geospatial map of priority locations, but we will not be disclosing it

[Fixed row]

## (2.4) How does your organization define substantive effects on your organization?

### Risks

### (2.4.1) Type of definition

Select all that apply

- ☒ Qualitative
- ☒ Quantitative

### (2.4.2) Indicator used to define substantive effect

Select from:

- ☒ EBITDA

### (2.4.3) Change to indicator

Select from:

- ☒ Absolute decrease

### (2.4.5) Absolute increase/ decrease figure

50000000

### (2.4.6) Metrics considered in definition

Select all that apply

- ☒ Frequency of effect occurring
- ☒ Likelihood of effect occurring

### (2.4.7) Application of definition

*A gross risk score is assigned to each risk identified during our risk assessment process across different time horizons. Each risk was assigned a likelihood score from 1-5 and a potential impact on EBITA score from 1-5. One is the lowest impact and 5 is the highest impact. These thresholds were aligned with our enterprise risk matrix. A gross risk score (GRS) was determined for each risk for each applicable time horizon (short-, medium-, and long-term) by multiplying the likelihood score by the impact score. Substantive effects are risks with a score of 16 or greater.*

## Opportunities

### (2.4.1) Type of definition

Select all that apply

- ☒ Qualitative
- ☒ Quantitative

### (2.4.2) Indicator used to define substantive effect

Select from:

- ☒ EBITDA

### (2.4.3) Change to indicator

Select from:

- ☒ Absolute increase

### (2.4.5) Absolute increase/ decrease figure

10000000

### (2.4.6) Metrics considered in definition

Select all that apply

- ☒ Frequency of effect occurring
- ☒ Likelihood of effect occurring

### (2.4.7) Application of definition

A gross risk score is assigned to each risk identified during our risk assessment process across different time horizons. Each risk was assigned a likelihood score from 1-5 and a potential impact on EBITA score from 1-5. One is the lowest impact and 5 is the highest impact. These thresholds were aligned with our enterprise risk matrix. A gross risk score (GRS) was determined for each risk for applicable time horizons (short-, medium-, and long-term) by multiplying the likelihood score by the impact score. Substantive effects for opportunities achieved a score of 10 or greater.

[Add row]

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

### **(2.5.1) Identification and classification of potential water pollutants**

Select from:

☒ Yes, we identify and classify our potential water pollutants

### **(2.5.2) Details of policies and processes in place to identify and classify potential water pollutants**

*We identify and classify potential water pollutants based on the U.S. EPA's Clean Water Act. We also identify pollutants specifically based on the chemicals inventoried or manufactured at each site location. We also do routine sampling and analysis of a wide range of potential pollutants to verify pollutants that may be present in our discharges.*

*[Fixed row]*

## **(2.5.1) Describe how your organization minimizes the adverse impacts of potential water pollutants on water ecosystems or human health associated with your activities.**

Row 1

### **(2.5.1.1) Water pollutant category**

Select from:

☒ Other synthetic organic compounds

### **(2.5.1.2) Description of water pollutant and potential impacts**

*Organic based pollutants can have detrimental impacts to local aquatic life impacts such as fish kills as well as negative impacts on local municipal treatment facilities.*

### **(2.5.1.3) Value chain stage**

Select all that apply

- ☒ Direct operations

#### (2.5.1.4) Actions and procedures to minimize adverse impacts

Select all that apply

- ☒ Assessment of critical infrastructure and storage condition (leakages, spillages, pipe erosion etc.) and their resilience
- ☒ Industrial and chemical accidents prevention, preparedness, and response
- ☒ Reduction or phase out of hazardous substances
- ☒ Upgrading of process equipment/methods

#### (2.5.1.5) Indicators for measuring and evaluating the success of the procedure

Select all that apply

- ☒ Compliance with discharge permits / regulatory limits
- ☒ Reduction in pollutant concentration or load against a baseline
- ☒ Zero incidents (spills, exceedances, waterborne disease cases)
- ☒ Third-party audits and/or certification

#### (2.5.1.6) Please explain

*Pollutants in our discharges are defined by the Clean Water Act and enforced via site-specific water discharge permits to set quality standards. We manufacture a variety of organic compounds, including phenol, caprolactam, and cyclohexanone, that can impact the environment. To mitigate organic pollutants in our discharges, we have procedures in place to ensure employees understand the chemical hazards and safe operating and equipment procedures. We have procedures for routine samples, analytical tests, third-party compliance samples, continuous discharge monitoring, and set internal limits more stringent than our permit limits. Typically, TOC, DO, cBOD and individual organic constituents are monitored routinely to mitigate risk and ensure permit compliance. We also implement a formal HSE management system, and 100% of our sites are Responsible Care and ISO 14001 certified. There are procedures in place for immediate corrective actions in both normal and emergency situations which could impact our water discharges. For abnormal events a root cause investigation is completed, and corrective actions are implemented to improve our processes, typically with leadership review. Success is defined by permit compliance which is tracked and monitored internally and publicly for performance evaluation. Our goal is zero non compliances, which can be tracked publicly in USEPA's ECHO database. We also track discharge pollutants in priority locations, the James River in Virginia.*

#### Row 2

#### (2.5.1.1) Water pollutant category

Select from:

- ☒ Phosphates

### (2.5.1.2) Description of water pollutant and potential impacts

*High phosphates in our discharges can cause increased eutrophication impacts to local water bodies.*

### (2.5.1.3) Value chain stage

Select all that apply

- ☒ Direct operations

### (2.5.1.4) Actions and procedures to minimize adverse impacts

Select all that apply

- ☒ Industrial and chemical accidents prevention, preparedness, and response
- ☒ Provision of best practice instructions on product use
- ☒ Upgrading of process equipment/methods

### (2.5.1.5) Indicators for measuring and evaluating the success of the procedure

Select all that apply

- ☒ Compliance with discharge permits / regulatory limits
- ☒ Reduction in pollutant concentration or load against a baseline
- ☒ Zero incidents (spills, exceedances, waterborne disease cases)
- ☒ Third-party audits and/or certification

### (2.5.1.6) Please explain

*Pollutants in our discharges are defined by the Clean Water Act and enforced via site specific water discharge permits/limits. We have small amounts of phosphorous containing materials on site that can impact the environment. To reduce the risk of phosphates reaching our discharges, we have practices in place related to ensuring employees and suppliers/contractors understand appropriate chemical hazards and safe handling protocols of these ancillary materials. We also employ routine samples, analytical testing, third-party compliance sampling, and set internal limits more stringent than our permit limits to ensure permit compliance. We also implement a formal HSE management system, and our sites are Responsible Care and ISO 14001 certified. There are procedures in place for immediate corrective actions in both normal and abnormal situations which could impact our water discharges. For abnormal events a root cause investigation is completed, and corrective*

actions are implemented to improve our processes, typically with leadership review. Success is defined by permit compliance which is tracked and monitored internally and publicly for performance evaluation. Our goal is zero non compliances, which can be tracked publicly in USEPA's ECHO database. We also started formally reporting discharge pollutants in our annual sustainability report for priority locations, which is the James River in Virginia, which is also subject to the Chesapeake Bay TMDL for phosphates.

### Row 3

#### (2.5.1.1) Water pollutant category

Select from:

- ☒ Other nutrients and oxygen demanding pollutants

#### (2.5.1.2) Description of water pollutant and potential impacts

Nitrogen pollutants can cause detrimental impacts to local aquatic life impacts such as fish kills as well as negative impacts on local municipal treatment facilities.

#### (2.5.1.3) Value chain stage

Select all that apply

- ☒ Direct operations

#### (2.5.1.4) Actions and procedures to minimize adverse impacts

Select all that apply

- ☒ Assessment of critical infrastructure and storage condition (leakages, spillages, pipe erosion etc.) and their resilience
- ☒ Improving wastewater treatment processes/capacity
- ☒ Industrial and chemical accidents prevention, preparedness, and response
- ☒ Upgrading of process equipment/methods

#### (2.5.1.5) Indicators for measuring and evaluating the success of the procedure

Select all that apply

- ☒ Compliance with discharge permits / regulatory limits
- ☒ Reduction in pollutant concentration or load against a baseline
- ☒ Zero incidents (spills, exceedances, waterborne disease cases)

☒ Third-party audits and/or certification

#### (2.5.1.6) Please explain

*Pollutants are defined by the Clean Water Act and enforced via site specific water discharge permits to set quality standards. We handle a variety of nitrogen-containing materials, including ammonium sulfate, that can impact the environment and our water discharges. To mitigate nitrogen containing pollutants from entering our discharges, we have practices in place related to ensuring employees understand the chemical hazards and safe operating and equipment protocols. We also employ routine samples, analytical testing, continuous monitoring, third-party compliance sampling. We set internal limits more stringent than our permit limits. Typically, nitrogen content, TSS, pH and conductivity monitored proactively to mitigate risk and ensure permit compliance. We also implement a formal HSE management system, and our sites are Responsible Care and ISO 14001 certified. Procedures are in place for immediate corrective actions for normal and abnormal situations which could impact our water discharges. For abnormal events a root cause investigation is completed. Corrective actions are implemented to improve our processes, typically with leadership review. Success is defined by permit compliance which is tracked internally and publicly to evaluate performance. Our goal is zero non compliances, which is tracked publicly in USEPA's ECHO database. We also track discharge pollutants in priority locations, the James River in Virginia, subject to the Chesapeake TDML for nitrogen.*

*[Add row]*

## C3. Disclosure of risks and opportunities

**(3.1) Have you identified any environmental risks which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future?**

### Climate change

#### (3.1.1) Environmental risks identified

Select from:

☒ Yes, only within our direct operations

#### (3.1.2) Primary reason why your organization does not consider itself to have environmental risks in your direct operations and/or upstream/downstream value chain

Select from:

☒ Environmental risks exist, but none with the potential to have a substantive effect on our organization

#### (3.1.3) Please explain

*Using our TCFD aligned climate risk assessment we identified upstream risks related to climate, but none were substantive. Our substantive risks are related to our direct operations.*

### Water

#### (3.1.1) Environmental risks identified

Select from:

☒ Yes, only within our direct operations

#### (3.1.2) Primary reason why your organization does not consider itself to have environmental risks in your direct operations and/or upstream/downstream value chain

Select from:

☒ Environmental risks exist, but none with the potential to have a substantive effect on our organization

### (3.1.3) Please explain

*Using our water body risk assessment as well as our TCFD aligned climate risk assessment, we are able to identify risks in our value chain related to water, but we have not yet defined these as substantive based on initial capital budgetary estimates.*

*[Fixed row]*

**(3.1.1) Provide details of the environmental risks identified which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future.**

## Climate change

### (3.1.1.1) Risk identifier

Select from:

☒ Risk1

### (3.1.1.3) Risk types and primary environmental risk driver

Policy

☒ Changes to regulation of existing products and services

### (3.1.1.4) Value chain stage where the risk occurs

Select from:

☒ Direct operations

### (3.1.1.6) Country/area where the risk occurs

Select all that apply

☒ United States of America

### **(3.1.1.9) Organization-specific description of risk**

*Due to concerns about risks associated with global warming and climate change, more stringent regulations may be imposed. If enacted, more stringent GHG limitations are likely to have a significant impact on us because our production facilities emit GHGs such as carbon dioxide and nitrous oxide and because natural gas, a fossil fuel, is a primary raw material used in our production process. While these climate risks apply to all locations, the biggest impact would be at our Hopewell location because it has direct GHG emissions from manufacturing operations related to ammonia and caprolactam production. The direct manufacturing process emissions from Hopewell make up over 50% of our total Scope 1 direct emissions annually.*

### **(3.1.1.11) Primary financial effect of the risk**

Select from:

☒ Increased capital expenditures

### **(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization**

Select all that apply

☒ Long-term

### **(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon**

Select from:

☒ Very likely

### **(3.1.1.14) Magnitude**

Select from:

☒ High

### **(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons**

*These potential risks could require us to incur additional capital expenditures or make changes to our operating activities that would increase our operating costs, reduce our efficiency, limit our output, increase our costs for or limit the availability of energy, raw materials or transportation or otherwise adversely affect our business, financial condition and results of operations*

### (3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☒ Yes

### (3.1.1.23) Anticipated financial effect figure in the long-term – minimum (currency)

38624145

### (3.1.1.24) Anticipated financial effect figure in the long-term – maximum (currency)

144840546

### (3.1.1.25) Explanation of financial effect figure

*The potential financial impact figure is based on a potential carbon tax multiplied by our 2025 Scope 1 direct emissions. A carbon tax was estimated at 20 per metric ton of CO2e minimum and a 75 per metric ton CO2e maximum and our 2025 scope 1 direct emissions were 1,931,207 metric tons. This is an estimate from the cross functional team members, not a formal financial estimate or model.*

### (3.1.1.26) Primary response to risk

Policies and plans

☒ Develop a climate transition plan

### (3.1.1.27) Cost of response to risk

500000

### (3.1.1.28) Explanation of cost calculation

*The cost is an estimate of fees incurred to better understand our climate impacts and work towards developing and/or scoping activities to investigate risks and opportunities that align with our business strategy. This includes activities such as completing a life cycle assessment, refreshing our climate risk assessment, deploying new software, and other evaluation and scoping engagements implemented or under evaluation.*

### (3.1.1.29) Description of response

*In order to mitigate our risks for carbon dioxide emissions we have a steady and reliable customer base that purchases our carbon dioxide from our ammonia manufacturing via pipeline from our Hopewell location. Beyond that, in order to respond to this climate risk in our direct operations, we are evaluating feasibility options for GHG emission reduction projects. We have evaluated options for nitrous oxide emission abatement project options at our Hopewell facility, which make up around 50% of our GHG emissions corporate wide and are continuing to vet smart investment options. Since 2018, AdvanSix has reduced our total GHG emissions by 15%, reflecting our efforts to contribute to a more sustainable future as well as evaluating our current emissions footprint and identifying potential future emission reduction opportunities, including nitrous oxide abatement. Consistent with the outcome of our climate risk assessment and the results of our life cycle assessment, we continue to evaluate the best long-term strategy associated with the continued reduction of our carbon footprint.*

## Water

### (3.1.1.1) Risk identifier

Select from:

☒ Risk2

### (3.1.1.3) Risk types and primary environmental risk driver

Policy

☒ Increased difficulty in obtaining operations permits

### (3.1.1.4) Value chain stage where the risk occurs

Select from:

☒ Direct operations

### (3.1.1.6) Country/area where the risk occurs

Select all that apply

☒ United States of America

### (3.1.1.7) River basin where the risk occurs

Select all that apply

☒ James River

### **(3.1.1.9) Organization-specific description of risk**

*There are potential substantive risks related to potential of increasingly restrictive water regulations related to both withdrawals as well as discharges, that may impact our manufacturing sites located in Virginia. In addition, these same risks apply to our purchased water suppliers at these locations as well as our downstream (third party) treatment facilities (other users). There are substantial uncertainties as to the nature, stringency and timing of any future regulations or changes in regulations, including discharges into water and water nutrient regulations. Since we have shared local water bodies some of our value chain risks are interlinked with direct operations.*

### **(3.1.1.11) Primary financial effect of the risk**

*Select from:*

☒ Increased capital expenditures

### **(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization**

*Select all that apply*

☒ Short-term

☒ Medium-term

### **(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon**

*Select from:*

☒ Virtually certain

### **(3.1.1.14) Magnitude**

*Select from:*

☒ High

### **(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons**

*Our largest site is located in the Chesapeake Bay watershed, which is impacted by the Chesapeake Bay Total Daily Maximum Limit (TDML). Anticipated effects could potentially include increased capital costs and/or increased operational costs due to having to meet new or changing regulatory requirements. More stringent regulations may be imposed during our next permitting application process (aprox. 10 years) which could require us to incur additional capital expenditures or make*

*changes to our operating activities that would increase our operating costs, reduce our efficiency, limit our output, increase our costs for or limit the availability of energy, raw materials or transportation or otherwise adversely affect our business, financial condition and results of operations.*

### **(3.1.1.17) Are you able to quantify the financial effect of the risk?**

Select from:

☒ Yes

### **(3.1.1.19) Anticipated financial effect figure in the short-term – minimum (currency)**

25000000

### **(3.1.1.20) Anticipated financial effect figure in the short-term – maximum (currency)**

75000000

### **(3.1.1.21) Anticipated financial effect figure in the medium-term – minimum (currency)**

3500000

### **(3.1.1.22) Anticipated financial effect figure in the medium-term – maximum (currency)**

10500000

### **(3.1.1.25) Explanation of financial effect figure**

*The potential financial impact figure is based on significant capital investment we implemented, are in progress of implementing, or expecting to invest in water stewardship strategy projects.*

### **(3.1.1.26) Primary response to risk**

Infrastructure, technology and spending

☒ Increase environment-related capital expenditure

### **(3.1.1.27) Cost of response to risk**

9000000

### (3.1.1.28) Explanation of cost calculation

*The cost of response to risk is capital investment in water stewardship in years prior to the current reporting year, which would be 2024 or earlier.*

### (3.1.1.29) Description of response

*Our site in Hopewell Virginia has implemented a water stewardship strategy in alignment with regulatory requirements. Significant capital expenditures on stormwater management, infrastructure upgrades, improved everyday practices, and scientific studies are part of the implementation plan, which is already in progress and demonstrating improvements. AdvanSix has long valued the critical natural resource which is water. To ensure alignment with our values, the company has taken steps to further our drive for resiliency around this resource. AdvanSix completed a Water Body Risk Assessment in 2021 to evaluate the impacts from our operations and climate change to water supply bodies and receiving watersheds. The evaluation has highlighted risks both internally that the business can act upon in addition to external or regional risks that can only be addressed in partnership with the community and other valued stakeholders. This process has helped to develop targets and goals surrounding water both internally to the business and also opportunities for our community.*

[Add row]

## (3.1.2) Provide the amount and proportion of your financial metrics from the reporting year that are vulnerable to the substantive effects of environmental risks.

### Climate change

#### (3.1.2.1) Financial metric

Select from:

☒ Revenue

#### (3.1.2.2) Amount of financial metric vulnerable to transition risks for this environmental issue (unit currency as selected in 1.2)

580000000

#### (3.1.2.3) % of total financial metric vulnerable to transition risks for this environmental issue

Select from:

☒ 31-40%

#### (3.1.2.4) Amount of financial metric vulnerable to physical risks for this environmental issue (unit currency as selected in 1.2)

0

#### (3.1.2.5) % of total financial metric vulnerable to physical risks for this environmental issue

Select from:

☒ Less than 1%

#### (3.1.2.7) Explanation of financial figures

*Our TCFD aligned climate risk assessment does include physical risks, but none are considered substantive. Most substantive risks are related to potential transition risks related to caprolactam manufacturing, based on our annual 10-K report for 2025, is used to determine % of revenue associated with that location as well as revenue from products associated with that site.*

### Water

#### (3.1.2.1) Financial metric

Select from:

☒ CAPEX

#### (3.1.2.2) Amount of financial metric vulnerable to transition risks for this environmental issue (unit currency as selected in 1.2)

55000000

#### (3.1.2.3) % of total financial metric vulnerable to transition risks for this environmental issue

Select from:

☒ 11-20%

#### (3.1.2.4) Amount of financial metric vulnerable to physical risks for this environmental issue (unit currency as selected in 1.2)

0

#### (3.1.2.5) % of total financial metric vulnerable to physical risks for this environmental issue

Select from:

☒ Less than 1%

#### (3.1.2.6) Amount of CAPEX in the reporting year deployed towards risks related to this environmental issue

14000000

#### (3.1.2.7) Explanation of financial figures

*Our TCFD aligned climate risk assessment, which pulled in details from our Water Body Risk assessment, does include physical water risks, none are substantive. Transition risks metrics include are both short- and medium-term transition risks. Total capital at risk is estimated using expected total capital spending forecasts. CAPEX in the reporting year is determine based on capital investment.*  
[Add row]

**(3.2) Within each river basin, how many facilities are exposed to substantive effects of water-related risks, and what percentage of your total number of facilities does this represent?**

**Row 1**

#### (3.2.1) Country/Area & River basin

United States of America

☒ James River

#### (3.2.2) Value chain stages where facilities at risk have been identified in this river basin

Select all that apply

- ☒ Direct operations
- ☒ Upstream value chain

### (3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin

1

### (3.2.4) % of your organization's total facilities within direct operations exposed to water-related risk in this river basin

Select from:

- ☒ 1-25%

### (3.2.6) Number of facilities in upstream value chain exposed to water-related risk in this river basin

1

### (3.2.10) % organization's total global revenue that could be affected

Select from:

- ☒ 41-50%

### (3.2.11) Please explain

*Our site in Hopewell Virginia is our largest site and makes up the majority of our company wide withdrawals and discharges. Therefore we consider this our largest risk for water related risks, dependencies, and impacts. It is also located in the Chesapeake Bay watershed. The third-party municipal supplier for this site also withdrawals from a nearby stressed water source*  
[Add row]

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

|  | Water-related regulatory violations                    | Comment                                                                              |
|--|--------------------------------------------------------|--------------------------------------------------------------------------------------|
|  | Select from:<br><input checked="" type="checkbox"/> No | We paid fines in 2025 for regulatory violations disclosed in prior year CDP reports. |

[Fixed row]

### (3.5) Are any of your operations or activities regulated by a carbon pricing system (i.e. ETS, Cap & Trade or Carbon Tax)?

Select from:

☒ No, and we do not anticipate being regulated in the next three years

### (3.6) Have you identified any environmental opportunities which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future?

#### Climate change

##### (3.6.1) Environmental opportunities identified

Select from:

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

#### Water

##### (3.6.1) Environmental opportunities identified

Select from:

☒ No

##### (3.6.2) Primary reason why your organization does not consider itself to have environmental opportunities

Select from:

☒ Opportunities exist, but none anticipated to have a substantive effect on organization

### (3.6.3) Please explain

*We have identified some water-based opportunities during our climate risk assessment process, but none are expected to be substantive based on likelihood, financial impact, and time horizons, or not enough is known yet to be able to determine if an opportunity would come to fruition. We identify opportunities and rank/score them in the same manners as we assess risk. None related to water meet the threshold to be substantive.*  
[Fixed row]

**(3.6.1) Provide details of the environmental opportunities identified which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future.**

## Climate change

### (3.6.1.1) Opportunity identifier

Select from:

☒ Opp1

### (3.6.1.3) Opportunity type and primary environmental opportunity driver

Markets

☒ Increased demand for certified and sustainable materials

### (3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☒ Direct operations

### (3.6.1.5) Country/area where the opportunity occurs

Select all that apply

☒ United States of America

#### **(3.6.1.8) Organization specific description**

*Sales from products containing recycled materials.*

#### **(3.6.1.9) Primary financial effect of the opportunity**

*Select from:*

☒ Increased revenue resulting from price premiums

#### **(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization**

*Select all that apply*

☒ Short-term

#### **(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon**

*Select from:*

☒ Very likely (90–100%)

#### **(3.6.1.12) Magnitude**

*Select from:*

☒ Low

#### **(3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons**

*We can foresee revenue increases from increasing customer demand for our products with sustainable content.*

#### **(3.6.1.15) Are you able to quantify the financial effects of the opportunity?**

*Select from:*

☒ Yes

#### **(3.6.1.17) Anticipated financial effect figure in the short-term - minimum (currency)**

50000

#### **(3.6.1.18) Anticipated financial effect figure in the short-term – maximum (currency)**

1000000

#### **(3.6.1.23) Explanation of financial effect figures**

*This financial impact is estimated by the risk assessment team based on the potential to increase revenue by selling products that are manufactured with sustainable attributes.*

#### **(3.6.1.24) Cost to realize opportunity**

150000

#### **(3.6.1.25) Explanation of cost calculation**

*Cost estimates are based on fees incurred and certification fees associated with sustainability attributes of some of our products, which includes certification costs.*

#### **(3.6.1.26) Strategy to realize opportunity**

*In order to effectively market these products, we have marketing campaigns, have discussion with our customers on these ready-now solutions, present at trade shows for the plastics industries on the topic of post-industrial recycled products, as well as actively engage customers on the benefits of these products. We have also investment in life cycle assessment projects to further engage customers on this topics.*

*[Add row]*

**(3.6.2) Provide the amount and proportion of your financial metrics in the reporting year that are aligned with the substantive effects of environmental opportunities.**

|                | Financial metric                                            | Explanation of financial figures                                                                                               |
|----------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Climate change | Select from:<br><input checked="" type="checkbox"/> Revenue | We consider our actual financial information related to opportunities confidential and will not be sharing in this disclosure. |

[Add row]

## C4. Governance

### (4.1) Does your organization have a board of directors or an equivalent governing body?

#### (4.1.1) Board of directors or equivalent governing body

Select from:

☒ Yes

#### (4.1.2) Frequency with which the board or equivalent meets

Select from:

☒ Quarterly

#### (4.1.3) Types of directors your board or equivalent is comprised of

Select all that apply

☒ Executive directors or equivalent

☒ Independent non-executive directors or equivalent

#### (4.1.4) Board diversity and inclusion policy

Select from:

☒ Yes, and it is publicly available

#### (4.1.5) Briefly describe what the policy covers

*While AdvanSix's Corporate Governance Guidelines do not prescribe a diversity policy or standards, as a matter of practice, the Guidelines do prescribe that the Committee will give consideration to diversity when evaluating the composition of the Board and the nomination of director candidates. Directors are expected to challenge management constructively through active participation and questioning. The Nominating and Governance Committee is committed to enhancing both the diversity of the Board itself and the perspectives that are discussed in Board and Committee meetings. Refer to page 2 in our Nominating and Governance Committee Charter.*

#### (4.1.6) Attach the policy (optional)

*nom-gov-committee-charter-jan-1-2023.pdf*

[Fixed row]

#### (4.1.1) Is there board-level oversight of environmental issues within your organization?

|                | Board-level oversight of this environmental issue       |
|----------------|---------------------------------------------------------|
| Climate change | Select from:<br><input checked="" type="checkbox"/> Yes |
| Water          | Select from:<br><input checked="" type="checkbox"/> Yes |
| Biodiversity   | Select from:<br><input checked="" type="checkbox"/> Yes |

[Fixed row]

#### (4.1.2) Identify the positions (do not include any names) of the individuals or committees on the board with accountability for environmental issues and provide details of the board's oversight of environmental issues.

##### Climate change

#### (4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

☒ Board-level committee

#### (4.1.2.2) Positions' accountability for this environmental issue is outlined in policies applicable to the board

Select from:

☒ Yes

#### (4.1.2.3) Policies which outline the positions' accountability for this environmental issue

Select all that apply

☒ Board mandate

#### (4.1.2.4) Frequency with which this environmental issue is a scheduled agenda item

Select from:

☒ Scheduled agenda item in some board meetings – at least annually

#### (4.1.2.5) Governance mechanisms into which this environmental issue is integrated

Select all that apply

- |                                                                                                                                      |                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Reviewing and guiding annual budgets                                                             | <input checked="" type="checkbox"/> Approving and/or overseeing employee incentives               |
| <input checked="" type="checkbox"/> Overseeing the setting of corporate targets                                                      | <input checked="" type="checkbox"/> Overseeing and guiding major capital expenditures             |
| <input checked="" type="checkbox"/> Monitoring progress towards corporate targets                                                    | <input checked="" type="checkbox"/> Monitoring the implementation of the business strategy        |
| <input checked="" type="checkbox"/> Approving corporate policies and/or commitments                                                  | <input checked="" type="checkbox"/> Overseeing reporting, audit, and verification processes       |
| <input checked="" type="checkbox"/> Overseeing and guiding public policy engagement                                                  | <input checked="" type="checkbox"/> Overseeing and guiding the development of a business strategy |
| <input checked="" type="checkbox"/> Overseeing and guiding acquisitions, mergers, and divestitures                                   |                                                                                                   |
| <input checked="" type="checkbox"/> Monitoring compliance with corporate policies and/or commitments                                 |                                                                                                   |
| <input checked="" type="checkbox"/> Overseeing and guiding the development of a climate transition plan                              |                                                                                                   |
| <input checked="" type="checkbox"/> Reviewing and guiding the assessment process for dependencies, impacts, risks, and opportunities |                                                                                                   |

#### (4.1.2.7) Please explain

*One primary function of the Nominating and Governance committee of the board of directors of AdvanSix Inc. during 2025 was to have oversight of the Company's government relations, corporate social responsibility and sustainability programs, as well as other additional functions. This committee maintained an annual matrix of required agenda items to ensure coverage of all ESG/Sustainability topics including climate change and water. This is reviewed and confirmed by the General Counsel. Special topics are covered as needed. Responsibility for managing AdvanSix's sustainability program, including the company's impacts on people, the economy and the environment, as well as climate-related issues such as physical and transition risk, is delegated by the Nominating and Governance Committee of our Board of Directors to our executive leadership team. Our Chief Executive Officer has delegated oversight of our sustainability program to our Senior Vice*

President and General Counsel who has responsibility for managing the enterprise sustainability program and overseeing our public sustainability-related disclosures. They rely on high-level subject matter experts from across different functions of the organization as well as our sustainability team. Together, they report quarterly on relevant topics to the Nominating and Governance Committee of our Board of Directors. Topics covered include developments related to our climate strategy; updates on the potential future regulatory reporting changes for Scope 1, 2, and 3 emissions; status, results and/or rankings from third-parties; status of improvement or CAPEX projects related to our climate strategy.

## Water

### (4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

- ☒ Board-level committee

### (4.1.2.2) Positions' accountability for this environmental issue is outlined in policies applicable to the board

Select from:

- ☒ Yes

### (4.1.2.3) Policies which outline the positions' accountability for this environmental issue

Select all that apply

- ☒ Board mandate

### (4.1.2.4) Frequency with which this environmental issue is a scheduled agenda item

Select from:

- ☒ Scheduled agenda item in every board meeting (standing agenda item)

### (4.1.2.5) Governance mechanisms into which this environmental issue is integrated

Select all that apply

- |                                                                                     |                                                                                             |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Reviewing and guiding annual budgets            | <input checked="" type="checkbox"/> Approving and/or overseeing employee incentives         |
| <input checked="" type="checkbox"/> Overseeing the setting of corporate targets     | <input checked="" type="checkbox"/> Overseeing and guiding major capital expenditures       |
| <input checked="" type="checkbox"/> Monitoring progress towards corporate targets   | <input checked="" type="checkbox"/> Monitoring the implementation of the business strategy  |
| <input checked="" type="checkbox"/> Approving corporate policies and/or commitments | <input checked="" type="checkbox"/> Overseeing reporting, audit, and verification processes |

- ☒ Overseeing and guiding public policy engagement
- ☒ Overseeing and guiding acquisitions, mergers, and divestitures
- ☒ Monitoring compliance with corporate policies and/or commitments
- ☒ Reviewing and guiding the assessment process for dependencies, impacts, risks, and opportunities
- ☒ Overseeing and guiding the development of a business strategy

#### (4.1.2.7) Please explain

*One primary function of the Nominating and Governance committee of the board of directors of AdvanSix Inc. during 2025 was to have oversight of the Company's government relations, corporate social responsibility and sustainability programs, as well as other additional functions. This committee maintained an annual matrix of required agenda items to ensure coverage of all ESG/Sustainability topics including climate change and water. This is reviewed and confirmed by the General Counsel. Special topics are covered as needed. Responsibility for managing AdvanSix's sustainability program, including the company's impacts on people, the economy and the environment, as well as climate-related issues such as physical and transition risk, is delegated by the Nominating and Governance Committee of our Board of Directors to our executive leadership team. Our Chief Executive Officer has delegated oversight of our sustainability program to our Senior Vice President and General Counsel who has responsibility for managing the enterprise sustainability program and overseeing our public sustainability-related disclosures. They rely on high-level subject matter experts from across different functions of the organization as well as our sustainability team. Together, they report quarterly on relevant topics to the Nominating and Governance Committee of our Board of Directors. In addition, water-related projects are periodically highlighted for full Board review in light of capital expenditure project requirements and regulatory activities. For example, the Board has reviewed and approved our strategic approach to water permitting, receives status and progress updates towards our water stewardship objectives at our Hopewell site, as well as implementation of the site's water improvements and capital expenditures. Due to the significance of the capital investment our board is highly involved on evaluating the status and outcome of the water strategy at the Hopewell site.*

## Biodiversity

#### (4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

- ☒ Board-level committee

#### (4.1.2.2) Positions' accountability for this environmental issue is outlined in policies applicable to the board

Select from:

- ☒ Yes

#### (4.1.2.3) Policies which outline the positions' accountability for this environmental issue

Select all that apply

☒ Board mandate

#### (4.1.2.4) Frequency with which this environmental issue is a scheduled agenda item

Select from:

☒ Sporadic – agenda item as important matters arise

#### (4.1.2.5) Governance mechanisms into which this environmental issue is integrated

Select all that apply

☒ Monitoring compliance with corporate policies and/or commitments

#### (4.1.2.7) Please explain

*Biodiversity is included in our ESG category, similar to climate and water, and is covered on an as needed basis. Biodiversity is not currently one of our material topics.*

*[Fixed row]*

### (4.2) Does your organization's board have competency on environmental issues?

#### Climate change

#### (4.2.1) Board-level competency on this environmental issue

Select from:

☒ Yes

#### (4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply

☒ Consulting regularly with an internal, permanent, subject-expert working group

☒ Engaging regularly with external stakeholders and experts on environmental issues

☒ Integrating knowledge of environmental issues into board nominating process

- ☒ Having at least one board member with expertise on this environmental issue

#### (4.2.3) Environmental expertise of the board member

Experience

- ☒ Experience in an organization that is exposed to environmental-scrutiny and is going through a sustainability transition

### Water

#### (4.2.1) Board-level competency on this environmental issue

Select from:

- ☒ Yes

#### (4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply

- ☒ Consulting regularly with an internal, permanent, subject-expert working group
- ☒ Engaging regularly with external stakeholders and experts on environmental issues
- ☒ Integrating knowledge of environmental issues into board nominating process
- ☒ Having at least one board member with expertise on this environmental issue

#### (4.2.3) Environmental expertise of the board member

Experience

- ☒ Experience in an organization that is exposed to environmental-scrutiny and is going through a sustainability transition

[Fixed row]

### (4.3) Is there management-level responsibility for environmental issues within your organization?

|                | Management-level responsibility for this environmental issue |
|----------------|--------------------------------------------------------------|
| Climate change | Select from:<br><input checked="" type="checkbox"/> Yes      |
| Water          | Select from:<br><input checked="" type="checkbox"/> Yes      |
| Biodiversity   | Select from:<br><input checked="" type="checkbox"/> Yes      |

[Fixed row]

**(4.3.1) Provide the highest senior management-level positions or committees with responsibility for environmental issues (do not include the names of individuals).**

## Climate change

### (4.3.1.1) Position of individual or committee with responsibility

Executive level

☒ General Counsel

### (4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☒ Assessing environmental dependencies, impacts, risks, and opportunities

☒ Managing environmental dependencies, impacts, risks, and opportunities

#### Engagement

- ☒ Managing public policy engagement related to environmental issues

#### Policies, commitments, and targets

- ☒ Monitoring compliance with corporate environmental policies and/or commitments
- ☒ Measuring progress towards environmental corporate targets
- ☒ Setting corporate environmental policies and/or commitments
- ☒ Setting corporate environmental targets

#### Strategy and financial planning

- ☒ Developing a climate transition plan

#### Other

- ☒ Providing employee incentives related to environmental performance

### (4.3.1.4) Reporting line

Select from:

- ☒ Reports to the board directly

### (4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

- ☒ Quarterly

### (4.3.1.6) Please explain

*Rationale: Our General Counsel has oversight of our overall compliance program, which includes many matters relevant to our Company's ESG performance, including our Health, Safety and Environmental program. Climate-related issues are often closely related to and assessed with an approach similar to environmental management and compliance programs. This structure allows for effective oversight over these matters from the perspective of compliance, reporting and escalation of priorities. Process: Our General Counsel is informed of and monitors climate-related issues via multiple processes and reports to our CEO who is a member of the Board of Directors. Issues may be brought up as any important matters arise during the quarterly meetings, even if it is not a scheduled agenda item.*

## Water

#### (4.3.1.1) Position of individual or committee with responsibility

Executive level

- ☒ General Counsel

#### (4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

- ☒ Assessing environmental dependencies, impacts, risks, and opportunities
- ☒ Managing environmental dependencies, impacts, risks, and opportunities

Engagement

- ☒ Managing public policy engagement related to environmental issues

Policies, commitments, and targets

- ☒ Monitoring compliance with corporate environmental policies and/or commitments
- ☒ Setting corporate environmental policies and/or commitments
- ☒ Setting corporate environmental targets

Strategy and financial planning

- ☒ Managing acquisitions, mergers, and divestitures related to environmental issues

Other

- ☒ Providing employee incentives related to environmental performance

#### (4.3.1.4) Reporting line

*Select from:*

- ☒ Reports to the board directly

#### (4.3.1.5) Frequency of reporting to the board on environmental issues

*Select from:*

☒ Quarterly

#### (4.3.1.6) Please explain

*Rationale: Our General Counsel has oversight of our overall compliance program, which includes many matters relevant to our Company's ESG performance, including our Health, Safety and Environmental program. Water-related issues are often closely related to and assessed with an approach similar to environmental management and compliance programs. This structure allows for effective oversight over these matters from the perspective of compliance, reporting and escalation of priorities. Process: Our General Counsel is informed of and monitors climate and water related issues via multiple processes and reports to our CEO who is a member of the Board of Directors. Issues may be brought up as any important matters arise during the quarterly meetings, even if it is not a scheduled agenda item.*

### Biodiversity

#### (4.3.1.1) Position of individual or committee with responsibility

Executive level

☒ General Counsel

#### (4.3.1.2) Environmental responsibilities of this position

Engagement

☒ Managing public policy engagement related to environmental issues

#### (4.3.1.4) Reporting line

Select from:

☒ Reports to the board directly

#### (4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

☒ As important matters arise

#### (4.3.1.6) Please explain

*Rationale: Our General Counsel has oversight of our overall compliance program, which includes many matters relevant to our Company's ESG performance, including our Health, Safety and Environmental program. Process: Our General Counsel is informed of and monitors climate-related issues via multiple processes and reports to our CEO who is a member of the Board of Directors. Biodiversity is included in our ESG category and is covered on an as needed basis. Biodiversity is not currently one of our material topics.*  
[Add row]

## **(4.5) Do you provide monetary incentives for the management of environmental issues, including the attainment of targets?**

### **Climate change**

#### **(4.5.1) Provision of monetary incentives related to this environmental issue**

Select from:

☒ Yes

#### **(4.5.2) % of total C-suite and board-level monetary incentives linked to the management of this environmental issue**

20

#### **(4.5.3) Please explain**

*Our incentive program combines ESG and environmental topics as Leadership Team Strategic Objectives weighted at 20% which covers goals relating to business strategies, operational excellence, risk management and corporate social responsibility factors including environmental and sustainability priorities.*

### **Water**

#### **(4.5.1) Provision of monetary incentives related to this environmental issue**

Select from:

☒ Yes

#### **(4.5.2) % of total C-suite and board-level monetary incentives linked to the management of this environmental issue**

20

### (4.5.3) Please explain

*Our incentive program combines ESG and environmental topics as Leadership Team Strategic Objectives weighted at 20% which covers goals relating to business strategies, operational excellence, risk management and corporate social responsibility factors including environmental and sustainability priorities as well as progress on water stewardship topics.*

*[Fixed row]*

**(4.5.1) Provide further details on the monetary incentives provided for the management of environmental issues (do not include the names of individuals).**

### Climate change

#### (4.5.1.1) Position entitled to monetary incentive

Board or executive level

☒ Corporate executive team

#### (4.5.1.2) Incentives

*Select all that apply*

☒ Bonus - % of salary

#### (4.5.1.3) Performance metrics

Targets

☒ Progress towards environmental targets

☒ Organization performance against an environmental sustainability index

☒ Other targets-related metrics, please specify :Recognition for use of carbon capture technologies in its manufacturing process

#### (4.5.1.4) Incentive plan the incentives are linked to

*Select from:*

☒ Both Short-Term and Long-Term Incentive Plan, or equivalent

#### (4.5.1.5) Further details of incentives

*Our short-term incentive compensation program is reviewed annually, with Leadership Objectives typically used to drive continuous improvements over longer term timeframes. In February 2025, the C&LD Committee established the metrics for the short-term incentive plan for 2025 to ensure alignment with the Company's business objectives and compensation philosophy while also taking into consideration a review of peer group data confirmed by its independent compensation consultant. The performance metrics under the short-term incentive program adopted in February 2025 and do cover environmental and ESG enterprise-wide priorities which are included in Leadership Team Strategic Objectives (with a 20% weight as the remaining 80% is covered by other priorities). Sustainability related topics that are covered by Leadership Team Strategic Objectives include third party ratings which capture emissions reductions and transition targets, energy reductions, behavior changes, governance frameworks, supply chain engagement, and performance against indices and peers as well as environmental metrics intended to reduce emissions.*

#### (4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

*Short-term incentive awards are intended to motivate and reward executives for achieving annual corporate and individual goals in key areas of financial and operational performance as well as drive year-over-year improvements to our ESG indices and climate strategy.*

### Water

#### (4.5.1.1) Position entitled to monetary incentive

Board or executive level

☒ Corporate executive team

#### (4.5.1.2) Incentives

*Select all that apply*

☒ Bonus - % of salary

#### (4.5.1.3) Performance metrics

Targets

☒ Progress towards environmental targets

- ☒ Organization performance against an environmental sustainability index

#### Pollution

- ☒ Improvements in wastewater quality – direct operations
- ☒ Reduction of water pollution incidents
- ☒ Reduction/elimination of environmental incidents and/or environmental notices (notices of violation)

### (4.5.1.4) Incentive plan the incentives are linked to

Select from:

- ☒ Both Short-Term and Long-Term Incentive Plan, or equivalent

### (4.5.1.5) Further details of incentives

*Our short-term incentive compensation program is reviewed annually, with Leadership Objectives typically used to drive continuous improvements over longer term timeframes. In February 2025, the C&LD Committee established the metrics for the short-term incentive plan for 2025 to ensure alignment with the Company's business objectives and compensation philosophy while also taking into consideration a review of peer group data confirmed by its independent compensation consultant. The performance metrics under the short-term incentive program adopted in February 2025 and do cover ESG enterprise-wide priorities which are included in Leadership Team Strategic Objectives (with a 20% weight as the remaining 80% is covered by other priorities). Sustainability related topics that are covered by Leadership Team Strategic Objectives include third party ratings which capture water stewardship and policy topics, performance metrics, behavior changes, governance frameworks, supply chain engagement, and performance against indices and peers as well as incorporating a water stewardship strategy for our Virginia locations. In addition, for 2025 the successful implementation of a water strategy at our Hopewell site permit was considered as part of the incentive provided which is part of our regulatory compliance program as well as our water stewardship strategy implementation.*

### (4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

*Short-term incentive awards are intended to motivate and reward executives for achieving annual corporate and individual goals in key areas of financial and operational performance as well as drive year-over-year improvements to our ESG indices and drive water stewardship improvements related to withdrawals and nutrient discharges.*

*[Add row]*

## (4.6) Does your organization have an environmental policy that addresses environmental issues?

|  |                                                         |
|--|---------------------------------------------------------|
|  | Does your organization have any environmental policies? |
|  | Select from:<br><input checked="" type="checkbox"/> Yes |

[Fixed row]

#### (4.6.1) Provide details of your environmental policies.

##### Row 1

##### (4.6.1.1) Environmental issues covered

Select all that apply

- ☒ Climate change
- ☒ Water

##### (4.6.1.2) Level of coverage

Select from:

- ☒ Organization-wide

##### (4.6.1.3) Value chain stages covered

Select all that apply

- ☒ Direct operations
- ☒ Upstream value chain

##### (4.6.1.4) Explain the coverage

Our Health, Safety, Environmental and Sustainability Policy is applicable to our entire organization and covers all locations.

#### (4.6.1.5) Environmental policy content

##### Environmental commitments

- ☒ Commitment to comply with regulations and mandatory standards
- ☒ Commitment to take environmental action beyond regulatory compliance
- ☒ Commitment to stakeholder engagement and capacity building on environmental issues

##### Climate-specific commitments

- ☒ Other climate-related commitment, please specify :Attain no net increase of greenhouse gas emissions

##### Water-specific commitments

- ☒ Commitment to control/reduce/eliminate water pollution
- ☒ Commitment to reduce water withdrawal volumes
- ☒ Commitment to safely managed WASH in local communities
- ☒ Commitment to water stewardship and/or collective action
- ☒ Other water-related commitment, please specify :Realize no net increase in water usage

##### Social commitments

- ☒ Other social commitment, please specify :Substantively increase our diverse representation among our employees by 2030.

#### (4.6.1.6) Indicate whether your environmental policy is in line with global environmental treaties or policy goals

##### *Select all that apply*

- ☒ Yes, in line with Sustainable Development Goal 6 on Clean Water and Sanitation
- ☒ Yes, in line with another global environmental treaty or policy goal, please specify :United Nations Global Compact

#### (4.6.1.7) Public availability

##### *Select from:*

- ☒ Publicly available

#### (4.6.1.8) Attach the policy

#### **(4.10) Are you a signatory or member of any environmental collaborative frameworks or initiatives?**

##### **(4.10.1) Are you a signatory or member of any environmental collaborative frameworks or initiatives?**

Select from:

☒ Yes

##### **(4.10.2) Collaborative framework or initiative**

Select all that apply

☒ International Sustainability & Carbon Certification (ISCC)

☒ UN Global Compact

☒ Other, please specify :Together for Sustainability (TfS)

##### **(4.10.3) Describe your organization's role within each framework or initiative**

*AdvanSix has three sites ISCC Plus certified for circular, bio, and bio-circular product offerings. AdvanSix is a signatory of the UN Global compact and remains up to date with reporting obligations, documentation is available on the UN Global compact website. We are also members of Together for Sustainability. This allows us access to best practices, training, and best practices on the topics of Scope 3, product carbon footprint, as well as supply chain best practices.*

[Fixed row]

#### **(4.11) In the reporting year, did your organization engage in activities that could directly or indirectly influence policy, law, or regulation that may (positively or negatively) impact the environment?**

##### **(4.11.1) External engagement activities that could directly or indirectly influence policy, law, or regulation that may impact the environment**

Yes

☒ Yes, we engaged directly with policy makers

☒ Yes, we engaged indirectly through, and/or provided financial or in-kind support to a trade association or other intermediary organization or individual whose activities could influence policy, law, or regulation

#### **(4.11.2) Indicate whether your organization has a public commitment or position statement to conduct your engagement activities in line with global environmental treaties or policy goals**

*Select from:*

☒ Yes, we have a public commitment or position statement in line with global environmental treaties or policy goals

#### **(4.11.3) Global environmental treaties or policy goals in line with public commitment or position statement**

*Select all that apply*

☒ Sustainable Development Goal 6 on Clean Water and Sanitation

☒ Another global environmental treaty or policy goal, please specify :United Nations Global Compact Commitment on Progress (UNGC CoP)

#### **(4.11.4) Attach commitment or position statement**

*AdvanSix\_UN\_Global\_Compact\_Letter\_(Signed).pdf*

#### **(4.11.5) Indicate whether your organization is registered on a transparency register**

*Select from:*

☒ Yes, my organization is registered

#### **(4.11.6) Types of transparency register your organization is registered on**

*Select all that apply*

☒ Mandatory government register

#### **(4.11.7) Disclose the transparency registers on which your organization is registered & the relevant ID numbers for your organization**

*U.S. Senate Lobbying Disclosure Report: AdvanSix Senate ID#: 401110582-72984 U.S. House of Representatives Lobbying Disclosure Report AdvanSix House ID#: 775440001*

#### **(4.11.8) Describe the process your organization has in place to ensure that your external engagement activities are consistent with your environmental commitments and/or transition plan**

*AdvanSix participates in many trade organizations to remain current on emerging issues and proposed regulatory activity. We work to ensure that our legislative and regulatory interests are addressed in a professional and responsible way throughout the year, working with legislative committees and regulatory agencies on an ongoing basis to keep informed and up to date. We seek to proactively impact a wide variety of public policies. In addition, internal reviews take place to review legislation and trade association topics of interest that are meaningful to the topic of climate and our internal strategies with an action to communicate and engage internally and externally on certain topics when necessary. In order to ensure consistency between ourselves and the trade organization we frequently participate on special committees and sub-teams and are actively engaged. By participating as active and involved partners with our trade organizations we typically learn their engagement interests, our value chain's interests, and can weigh that with our interests. If we find that a trade organization has a different approach to sustainability topics, we will evaluate that instance and decide appropriate next steps. Next steps might involve providing comments and feedback to the trade organization that better leverages our interest or conducting internal reviews to determine if we might accept a new approach or engage with a policy maker directly.*

*[Fixed row]*

#### **(4.11.1) On what policies, laws, or regulations that may (positively or negatively) impact the environment has your organization been engaging directly with policy makers in the reporting year?**

##### **Row 1**

#### **(4.11.1.1) Specify the policy, law, or regulation on which your organization is engaging with policy makers**

*Support of advancing water withdrawal and quantity reporting and assessments across all system users, mainly related to the James River in Virginia.*

#### **(4.11.1.2) Environmental issues the policy, law, or regulation relates to**

*Select all that apply*

☒ Water

#### **(4.11.1.3) Focus area of policy, law, or regulation that may impact the environment**

Environmental impacts and pressures

☒ Water availability

☒ Water pollution

#### (4.11.1.4) Geographic coverage of policy, law, or regulation

Select from:

- ☒ Sub-national

#### (4.11.1.5) Country/area/region the policy, law, or regulation applies to

Select all that apply

- ☒ United States of America

#### (4.11.1.6) Your organization's position on the policy, law, or regulation

Select from:

- ☒ Support with minor exceptions

#### (4.11.1.7) Details of any exceptions and your organization's proposed alternative approach to the policy, law, or regulation

*Not all grandfathered users submit withdrawal data to regulatory agencies. Before the state proceeds to make decisions about withdrawal regulations we think it is important to understand the quantity of water withdrawals in the state, including grandfathered water users. The same holds true for some discharges back into the river, especially non-point source discharges that are not adequately being accounted for in protecting water quality.*

#### (4.11.1.8) Type of direct engagement with policy makers on this policy, law, or regulation

Select all that apply

- ☒ Regular meetings
- ☒ Ad-hoc meetings
- ☒ Participation in working groups organized by policy makers

#### (4.11.1.9) Funding figure your organization provided to policy makers in the reporting year relevant to this policy, law, or regulation (currency)

0

#### **(4.11.1.10) Explain the relevance of this policy, law, or regulation to the achievement of your environmental commitments and/or transition plan, how this has informed your engagement, and how you measure the success of your engagement**

*AdvanSix has grandfathered water intake permits but submits withdrawal information to regulatory reporting on quantity. Not all grandfathered users submit withdrawal data to regulatory agencies. Before the state proceeds to make decisions about withdrawal regulations we think it is important to understand the quantity of water withdrawals in the state, including grandfathered water users. In light of this we engaged policy makers to collect more data on withdrawal quantities across the region before finalizing any legislation.*

#### **(4.11.1.11) Indicate if you have evaluated whether your organization's engagement on this policy, law, or regulation is aligned with global environmental treaties or policy goals**

Select from:

☒ Yes, we have evaluated, and it is aligned

#### **(4.11.1.12) Global environmental treaties or policy goals aligned with your organization's engagement on this policy, law or regulation**

Select all that apply

☒ Sustainable Development Goal 6 on Clean Water and Sanitation

☒ Another global environmental treaty or policy goal, please specify :UNGC CoP

[Add row]

#### **(4.11.2) Provide details of your indirect engagement on policy, law, or regulation that may (positively or negatively) impact the environment through trade associations or other intermediary organizations or individuals in the reporting year.**

##### **Row 1**

#### **(4.11.2.1) Type of indirect engagement**

Select from:

☒ Indirect engagement via a trade association

#### **(4.11.2.4) Trade association**

North America

☒ Other trade association in North America, please specify :The Fertilizer Institute (TFI)

**(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position**

Select all that apply

☒ Water

**(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with**

Select from:

☒ Consistent

**(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year**

Select from:

☒ Yes, we publicly promoted their current position

**(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position**

*We support and publicly promote The Fertilizer Institute's (TFI) 4R Nutrient Stewardship advocacy. The program supports the use of the 4R agricultural practices which are an essential component of sustainable fertilizer use. The implementation of 4R Nutrient Stewardship can help the agricultural industry reduce greenhouse gas emissions and increase productivity with improved practices. 4R practices also reduce nutrient run off to water bodies.*

**(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)**

75000

**(4.11.2.10) Describe the aim of this funding and how it could influence policy, law or regulation that may impact the environment**

*The industry has a long history of supporting the sciences that helps our policy makers of today make decisions. The investment has resulted in a strong reputation with academics and other third-party entities that have viewed the industry as a trusted supporter of unbiased, scientific advancement.*

#### **(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals**

*Select from:*

☒ Yes, we have evaluated, and it is aligned

#### **(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation**

*Select all that apply*

☒ Sustainable Development Goal 6 on Clean Water and Sanitation

*[Add row]*

#### **(4.12) Have you published information about your organization's response to environmental issues for this reporting year in places other than your CDP response?**

*Select from:*

☒ Yes

#### **(4.12.1) Provide details on the information published about your organization's response to environmental issues for this reporting year in places other than your CDP response. Please attach the publication.**

##### **Row 1**

#### **(4.12.1.1) Publication**

*Select from:*

☒ In voluntary sustainability reports

#### **(4.12.1.2) Is your publication in line with a standard or framework?**

Select from:

☒ Yes

#### (4.12.1.3) Standard or framework the publication is in line with

Select all that apply

☒ GRI

☒ TCFD

#### (4.12.1.4) Environmental issues covered in publication

Select all that apply

☒ Climate change

☒ Water

#### (4.12.1.5) Status of the publication

Select from:

☒ Complete

#### (4.12.1.6) Content elements

Select all that apply

☒ Strategy

☒ Governance

☒ Risks & Opportunities

☒ Water-related targets

☒ Value chain engagement

☒ Content of environmental policies

☒ Public policy engagement

☒ Climate-related targets

☒ Water accounting figures

☒ Water pollution indicators

☒ Greenhouse gas emissions figures

#### (4.12.1.7) Page/section reference

Environmental topics such as climate, GHG's, water, and air are covered on pages 36-41. Governance and strategy are covered on pages on pages 20-22. Value chain engagement is covered in the materiality section on page 26 as well as the product stewardship and procurement sections on pages 44-47

#### (4.12.1.8) Attach the relevant publication

*2025-AdvanSix-Sustainability-Report.pdf*

#### (4.12.1.9) Comment

*No additional comments*

### Row 2

#### (4.12.1.1) Publication

*Select from:*

☒ In mainstream reports

#### (4.12.1.2) Is your publication in line with a standard or framework?

*Select from:*

☒ Yes

#### (4.12.1.3) Standard or framework the publication is in line with

*Select all that apply*

☒ TCFD

#### (4.12.1.4) Environmental issues covered in publication

*Select all that apply*

☒ Climate change

#### (4.12.1.5) Status of the publication

*Select from:*

☒ Complete

#### (4.12.1.6) Content elements

*Select all that apply*

- ☒ Risks & Opportunities
- ☒ Strategy
- ☒ Value chain engagement

#### (4.12.1.7) Page/section reference

20

#### (4.12.1.8) Attach the relevant publication

*asix-2025-annual-report.pdf*

#### (4.12.1.9) Comment

*No additional comments*

*[Add row]*

## C5. Business strategy

(5.1) Does your organization use scenario analysis to identify environmental outcomes?

### Climate change

#### (5.1.1) Use of scenario analysis

Select from:

☒ Yes

#### (5.1.2) Frequency of analysis

Select from:

☒ On a per project basis

### Water

#### (5.1.1) Use of scenario analysis

Select from:

☒ Yes

#### (5.1.2) Frequency of analysis

Select from:

☒ On a per project basis

[Fixed row]

(5.1.1) Provide details of the scenarios used in your organization's scenario analysis.

### Climate change

#### (5.1.1.1) Scenario used

Climate transition scenarios

☒ IEA APS

#### (5.1.1.3) Approach to scenario

*Select from:*

☒ Qualitative and quantitative

#### (5.1.1.4) Scenario coverage

*Select from:*

☒ Organization-wide

#### (5.1.1.5) Risk types considered in scenario

*Select all that apply*

☒ Policy

☒ Market

☒ Reputation

☒ Technology

☒ Liability

#### (5.1.1.6) Temperature alignment of scenario

*Select from:*

☒ 1.6°C - 1.9°C

#### (5.1.1.7) Reference year

2023

### (5.1.1.8) Timeframes covered

Select all that apply

- ☒ 2025
- ☒ 2030
- ☒ 2040
- ☒ 2050

### (5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

- ☒ Climate change (one of five drivers of nature change)

Finance and insurance

- ☒ Cost of capital
- ☒ Other finance and insurance driving forces, please specify :Increased costs of raw materials

Stakeholder and customer demands

- ☒ Consumer sentiment

Regulators, legal and policy regimes

- ☒ Global regulation

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*Under the Announced Pledges Scenario, which reaches Net Zero by 2050 and limits temperature rise to 1.7 degrees Celsius by the end of the century. This scenario assumes that all climate commitments made by governments and industries around the world by the end of August 2023, including Nationally Determined Contributions (NDCs) and longer-term net zero targets, as well as targets for access to electricity and clean cooking, will be met in full and on time.*

### (5.1.1.11) Rationale for choice of scenario

*Scenario analysis is a well-established method for developing strategic plans that are more flexible or robust to a range of plausible future states. It allows for an integrated approach to think about the future state of the world and provide a thorough assessment of risks. The scenarios developed by the International Energy Agency (IEA) and Intergovernmental Panel on Climate Change (IPCC) have long been used by scientists and policy analysts to assess future vulnerability to climate*

change. We recently refreshed our climate risk assessment process over the course of 2023 and 2024, and since this is the first time we have engaged in a formal method for scenario analysis we partnered with an outside consultant, with expertise in scenario analysis, to guide and advise us on our scenario analysis. IEA APS was selected because it aligns with a low carbon future and is below a 2 deg C future state.

Water

(5.1.1.1) Scenario used

Water scenarios

- ☒ WRI Aqueduct

(5.1.1.3) Approach to scenario

Select from:

- ☒ Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

- ☒ Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

- ☒ Policy
  - ☒ Liability
  - ☒ Reputation
  - ☒ Technology
  - ☒ Acute physical
- ☒ Chronic physical

(5.1.1.7) Reference year

2021

#### (5.1.1.8) Timeframes covered

Select all that apply

- ☒ 2025
- ☒ 2030
- ☒ 2040
- ☒ 2050

#### (5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

- ☒ Changes to the state of nature

Finance and insurance

- ☒ Cost of capital

Regulators, legal and policy regimes

- ☒ Other regulators, legal and policy regimes driving forces, please specify :Current and emerging regulations related to water stewardship in the regions local to our facilities.

#### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*AdvanSix participated in piloting American Chemistry Council (ACC)'s Water Body Risk Assessment and leveraged that activity to assess our water related risks. We used the WRI Aqueduct tool to evaluate the potential risk on water bodies that are regional or local to our manufacturing activities. In 2024 we evaluated our sites against the UNGC Net Positive Water Impact (NPWI) protocol to cover all of our manufacturing locations.*

#### (5.1.1.11) Rationale for choice of scenario

*AdvanSix has long valued the critical natural resource which is water. To ensure alignment with our values, the company has taken steps to further our drive for resiliency around this resource. AdvanSix completed a Water Body Risk Assessment to evaluate local water supply bodies and receiving watersheds. This effort allows us to evaluate our dependencies and impacts from our operations and climate change to our local watersheds. We recognized we were due for a water body risk assessment refresh and became aware of the NPWI tools available and selected that approach to evaluate our water dependencies and impacts and decide to evaluate this approach. In the end no new issues came from the NPWI approach.*

## Climate change

### (5.1.1.1) Scenario used

Physical climate scenarios

☒ RCP 4.5

### (5.1.1.2) SSPs used in conjunction with scenario

Select from:

☒ SSP2

### (5.1.1.3) Approach to scenario

Select from:

☒ Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

☒ Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

☒ Acute physical

☒ Chronic physical

### (5.1.1.6) Temperature alignment of scenario

Select from:

☒ 3.0°C - 3.4°C

#### (5.1.1.7) Reference year

2023

#### (5.1.1.8) Timeframes covered

Select all that apply

- |                                          |                                          |
|------------------------------------------|------------------------------------------|
| <input checked="" type="checkbox"/> 2025 | <input checked="" type="checkbox"/> 2070 |
| <input checked="" type="checkbox"/> 2030 | <input checked="" type="checkbox"/> 2080 |
| <input checked="" type="checkbox"/> 2040 | <input checked="" type="checkbox"/> 2090 |
| <input checked="" type="checkbox"/> 2050 |                                          |
| <input checked="" type="checkbox"/> 2060 |                                          |

#### (5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

- ☒ Changes to the state of nature
- ☒ Climate change (one of five drivers of nature change)

#### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*Physical global climate perils were modeled for our owned sites and other locations critical to our operations in our supply chain. This information was used to forecast changes in acute and chronic risk compared to a baseline, the baseline is our current climate. RCP4.5-SSP2 was used to represent the likely scenario if current pledges and voluntary agreements of the Paris accord were implemented in full.*

#### (5.1.1.11) Rationale for choice of scenario

*Scenario analysis is a well-established method for developing strategic plans that are more flexible or robust to a range of plausible future states. It allows for an integrated approach to think about the future state of the world and provide a thorough assessment of risks. The scenarios developed by the International Energy Agency (IEA) and Intergovernmental Panel on Climate Change (IPCC) have long been used by scientists and policy analysts to assess future vulnerability to climate change. We recently refreshed our climate risk assessment process, and since this is the first time we have engaged in a formal method for acute and chronic physical risk scenario analysis we have engaged in this activity we partnered with an outside consultant, with expertise in scenario analysis, to guide and advise us on our scenario analysis. SSP2-RCP4.5 along with SSP5-8.5 as scenarios representative of the likely and worst-case scenarios.*

Water

(5.1.1.1) Scenario used

Water scenarios

☒ Customized publicly available water scenario, please specify :Jupiter Intelligence

(5.1.1.3) Approach to scenario

Select from:

☒ Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

☒ Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

☒ Acute physical

☒ Chronic physical

(5.1.1.7) Reference year

2023

(5.1.1.8) Timeframes covered

Select all that apply

☒ 2025

☒ 2030

☒ 2040

☒ 2070

☒ 2080

☒ 2090

☒ 2050

☒ 2060

#### (5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

☒ Changes to the state of nature

☒ Climate change (one of five drivers of nature change)

Finance and insurance

☒ Cost of capital

#### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*Physical global climate perils were modeled for our owned sites and other locations critical to our operations in our supply chain. This information was used to forecast changes in acute and chronic risk compared to the current state, which is the baseline climate. RCP4.5-SSP2 was used to represent the likely scenario if current pledges and voluntary agreements of the Paris accord were implemented in full. Detailed and location specific flood maps and water impacts were modelled due to importance of water to each facility where there was a potential risk to flooding scenarios in addition to using standard data sets.*

#### (5.1.1.11) Rationale for choice of scenario

*We recently refreshed our climate risk assessment process, and since this is the first time we have engaged in a formal method for acute and chronic physical risk scenario analysis we have engaged in this activity we partnered with an outside consultant, with expertise in scenario analysis, to guide and advise us on our scenario analysis. Water themes, such as flood potential and depth of water impacts on future time horizons, were included as a deep dive for physical climate risk impacts because our water body risk assessment indicated local watershed risks. Both physical water risks and details from our water body risk assessment fed into our climate risk assessment.*

### Climate change

#### (5.1.1.1) Scenario used

Physical climate scenarios

☒ RCP 8.5

#### (5.1.1.2) SSPs used in conjunction with scenario

Select from:

☒ SSP5

#### (5.1.1.3) Approach to scenario

Select from:

☒ Qualitative and quantitative

#### (5.1.1.4) Scenario coverage

Select from:

☒ Organization-wide

#### (5.1.1.5) Risk types considered in scenario

Select all that apply

☒ Acute physical

☒ Chronic physical

#### (5.1.1.6) Temperature alignment of scenario

Select from:

☒ 4.0°C and above

#### (5.1.1.7) Reference year

2023

#### (5.1.1.8) Timeframes covered

Select all that apply

☒ 2025

☒ 2030

☒ 2070

- ☒ 2040
- ☒ 2050
- ☒ 2060

#### (5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

- ☒ Changes to the state of nature
- ☒ Climate change (one of five drivers of nature change)

#### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*Physical global climate perils were modeled for our owned sites and other locations critical to our operations in our supply chain. This information was used to forecast changes in acute and chronic risk compared to the current state baseline, which is our current climate. RCP8.5-SSP5 was used to represent the likely worst-case scenario which assumes that no major global effort to limit greenhouse gases will go into effect.*

#### (5.1.1.11) Rationale for choice of scenario

*Scenario analysis is a well-established method for developing strategic plans that are more flexible or robust to a range of plausible future states. It allows for an integrated approach to think about the future state of the world and provide a thorough assessment of risks. The scenarios developed by the International Energy Agency (IEA) and Intergovernmental Panel on Climate Change (IPCC) have long been used by scientists and policy analysts to assess future vulnerability to climate change. We recently refreshed our climate risk assessment process, and since this is the first time we have engaged in a formal method for acute and chronic physical risk scenario analysis we have engaged in this activity we partnered with an outside consultant, with expertise in scenario analysis, to guide and advise us on our scenario analysis. SSP2-RCP4.5 along with SSP5-8.5 as scenarios representative of the likely and worst-case scenarios.*  
[Add row]

### (5.1.2) Provide details of the outcomes of your organization's scenario analysis.

#### Climate change

#### (5.1.2.1) Business processes influenced by your analysis of the reported scenarios

Select all that apply

- ☒ Risk and opportunities identification, assessment and management
- ☒ Strategy and financial planning
- ☒ Resilience of business model and strategy
- ☒ Capacity building
- ☒ Target setting and transition planning

### (5.1.2.2) Coverage of analysis

Select from:

- ☒ Organization-wide

### (5.1.2.3) Summarize the influence of the scenario analysis on the selected business processes

*Scenario analysis is a well-established method for developing strategic plans that are more flexible or robust to a range of plausible future states. This information influenced the outcome of our climate risk assessment and developed a creditable list of risks and opportunities for our business. We were better able to understand our top risks so we can focus on the highest priorities.*

## Water

### (5.1.2.1) Business processes influenced by your analysis of the reported scenarios

Select all that apply

- ☒ Risk and opportunities identification, assessment and management
- ☒ Strategy and financial planning
- ☒ Resilience of business model and strategy
- ☒ Capacity building
- ☒ Target setting and transition planning

### (5.1.2.2) Coverage of analysis

Select from:

- ☒ Organization-wide

### (5.1.2.3) Summarize the influence of the scenario analysis on the selected business processes

*Scenario analysis is a well-established method for developing strategic plans that are more flexible or robust to a range of plausible future states. We were better able to understand our water related top risks in a prioritized list with common climate risk scenarios. Our water body risk assessment supported our climate risk assessment and allowed us to evaluate certain water related risks for ourselves and critical suppliers and customers in relation to our own.*  
[Fixed row]

## **(5.2) Does your organization's strategy include a climate transition plan?**

### **(5.2.1) Transition plan**

Select from:

☒ No, but we are developing a climate transition plan within the next two years

### **(5.2.20) Primary reason for not having a climate transition plan that aligns with a 1.5°C world**

Select from:

☒ Not an immediate strategic priority

### **(5.2.21) Explain why your organization does not have a climate transition plan that aligns with a 1.5°C world**

*As we have matured in our sustainability path we have begun to explore aligning with a science-based target protocol, but we have not made a decision on the final outcome. We have recognized opportunities to implement projects to reduce our largest GHG emissions sources and are working on developing a long-term strategy for emission reductions, likely to be centered around appropriate emission reduction projects and smart investments. In addition, we expect to evaluate and refine any climate strategies based on a potential project to manufacture diesel exhaust fluid (DEF) as part of our existing ammonia platform.*  
[Fixed row]

## **(5.3) Have environmental risks and opportunities affected your strategy and/or financial planning?**

### **(5.3.1) Environmental risks and/or opportunities have affected your strategy and/or financial planning**

Select from:

☒ Yes, both strategy and financial planning

## (5.3.2) Business areas where environmental risks and/or opportunities have affected your strategy

*Select all that apply*

- ☒ Products and services
- ☒ Upstream/downstream value chain
- ☒ Investment in R&D
- ☒ Operations

*[Fixed row]*

## (5.3.1) Describe where and how environmental risks and opportunities have affected your strategy.

### Products and services

#### (5.3.1.1) Effect type

*Select all that apply*

- ☒ Opportunities

#### (5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

*Select all that apply*

- ☒ Climate change

#### (5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

*Due to climate related risks and interest from our customers in more sustainable products, we have undertaken an enterprise-wide Life Cycle Assessment (LCA) for all of our manufactured products. It includes cradle to gate GHG footprints and TRACI metrics for nearly all product lines. We expect to be able to evaluate appropriate next step strategies with the information and potentially incorporate these into our long-term climate roadmap. We also offer circular products using pre and post-consumer content.*

### Upstream/downstream value chain

#### (5.3.1.1) Effect type

Select all that apply

☒ Physical risks

### (5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

☒ Climate change

☒ Water

### (5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

*We joined Together for Sustainability (TfS) and are now incorporating their supplier assessment framework using EcoVadis into our supplier management program. Climate is incorporated into our supplier assessment program in order to drive to a more sustainable supply chain model. In addition, we expect to leverage information from our Life Cycle Analysis (LCA) to evaluate potential alternative feedstocks that may be of interest to our product portfolio. We also exchange our LCA data with certain customers, including via the TfS platform for sharing, in order to facilitate scope 3 data sharing across our supply chain. We have also identified water risks in our supply chain, mainly related to high water stress surface water withdrawals.*

## Investment in R&D

### (5.3.1.1) Effect type

Select all that apply

☒ Physical risks

☒ Opportunities

### (5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

☒ Climate change

☒ Water

### (5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

*R&D activities have been part of the nylon recycled content project as well as general knowledge base in sustainability topics. In addition, R&D teams have begun to scope projects to develop more sustainable product offerings as well as support internal product and process development ideas and potential projects to support*

environmental and sustainability improvements across our organization and supply chain. At our Hopewell site we have commissioned scientific studies related to water withdrawals in order to scope future investments.

## Operations

### (5.3.1.1) Effect type

Select all that apply

- ☒ Physical risks
- ☒ Opportunities

### (5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

- ☒ Climate change
- ☒ Water

### (5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Due to climate related risks and interest from our customers in more sustainable products, we have undertaken an enterprise-wide Life Cycle Assessment (LCA) for all of our manufactured products. It includes cradle to gate GHG footprints and TRACI metrics for all product lines. We expect to be able to evaluate appropriate next step strategies with the information and potentially incorporate these into our long-term climate roadmap. We have also made logistics and storage improvements in order to mitigate impact of weather related events.

[Add row]

## (5.3.2) Describe where and how environmental risks and opportunities have affected your financial planning.

### Row 1

#### (5.3.2.1) Financial planning elements that have been affected

Select all that apply

- ☒ Direct costs
- ☒ Indirect costs

- ☒ Capital expenditures

#### (5.3.2.2) Effect type

Select all that apply

- ☒ Transition risks

#### (5.3.2.3) Environmental issues relevant to the risks and/or opportunities that have affected these financial planning elements

Select all that apply

- ☒ Climate change
- ☒ Water

#### (5.3.2.4) Describe how environmental risks and/or opportunities have affected these financial planning elements

*AdvanSix has recognized the importance of sustainability topics and climate change to our business strategies. We have added to our organizational structure for supporting sustainability themes. The future of a low carbon economy as well as water stewardship themes have factored into strategic business decisions and alignment with customer expectations. One example is the launch of our recycled content offerings for caprolactam and nylon which helps support a circular economy and positions us well in the marketplace for customers interested in products with recycled content. Also, our enterprise-wide life cycle assessment can lay the groundwork for future discussions with customers interested in sustainable products and engage conversations about carbon footprint. Putting additional investment into these activities now will frame the groundwork to be capable of increased demand in the future for sustainable products. There are also capital funds allotted to future and strategic sustainability improvement projects as part of our long-term financial planning, such as our water improvements at our Hopewell site, which are a significant capital investment.*

[Add row]

**(5.4) In your organization's financial accounting, do you identify spending/revenue that is aligned with your organization's climate transition?**

|  |                                                                                                     |
|--|-----------------------------------------------------------------------------------------------------|
|  | Identification of spending/revenue that is aligned with your organization's climate transition      |
|  | <i>Select from:</i><br><input checked="" type="checkbox"/> No, but we plan to in the next two years |

[Fixed row]

**(5.5) Does your organization invest in research and development (R&D) of low-carbon products or services related to your sector activities?**

|  |                                                                |         |
|--|----------------------------------------------------------------|---------|
|  | Investment in low-carbon R&D                                   | Comment |
|  | <i>Select from:</i><br><input checked="" type="checkbox"/> Yes | N/A     |

[Fixed row]

**(5.5.3) Provide details of your organization's investments in low-carbon R&D for chemical production activities over the last three years.**

**Row 1**

**(5.5.3.1) Technology area**

*Select from:*

☒ Unable to disaggregate by technology area

### **(5.5.3.3) Average % of total R&D investment over the last 3 years**

30

### **(5.5.3.5) Average % of total R&D investment planned over the next 5 years**

40

### **(5.5.3.6) Explain how your R&D investment in this technology area is aligned with your climate commitments and/or climate transition plan**

*Our R&D technology group supports projects related to sustainable offerings and technology. Our R&D team was highly involved in support and development of our SUSTAIN project to increase our granular sulfate production without increasing GHG emissions, as well as identifying and evaluating feasibility of other emission reduction projects of interest to our business and customers. This also includes funding for investment in water related scientific studies as well as evaluate the potential of future investments in our ammonia platform.*

*[Add row]*

## **(5.9) 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?**

### **(5.9.1) Water-related CAPEX (+/- % change)**

50

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

50

### **(5.9.3) Water-related OPEX (+/- % change)**

2

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

### (5.9.5) Please explain

*We have significant capital spend on water stewardship upgrades at our Hopewell, VA site. This year spend increased compared to the prior year due to a phased execution of project deliverables. Next year is expected to be our highest capital spend year with full implementation of stormwater infrastructure completed next year. We expect water-related capital to be reduced as the project progresses to completion over the next few years. We expect to have increased OPEX spending as the capital project moves to completion and start-up.*

[Fixed row]

### (5.10) Does your organization use an internal price on environmental externalities?

|        | Use of internal pricing for this environmental externality                                          | Primary reason for not pricing this environmental externality                                                                               | Explain why your organization does not price this environmental externality                                                                   |
|--------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Carbon | Select from:<br><input checked="" type="checkbox"/> No, but we plan to in the next two years        | Select from:<br><input checked="" type="checkbox"/> Lack of internal resources, capabilities, or expertise (e.g., due to organization size) | <i>We have not yet found this to be a strategic priority to take this level of action at this time but might consider it in future years.</i> |
| Water  | Select from:<br><input checked="" type="checkbox"/> No, but we plan to in the next two years        | Select from:<br><input checked="" type="checkbox"/> Lack of internal resources, capabilities, or expertise (e.g., due to organization size) | <i>We are already implementing water improvements and have prioritized those based on strategy. We could consider this in future years.</i>   |
| Other  | Select from:<br><input checked="" type="checkbox"/> No, and we do not plan to in the next two years |                                                          |                                                          |

[Fixed row]

### (5.11) Do you engage with your value chain on environmental issues?

|                                | Engaging with this stakeholder on environmental issues         | Environmental issues covered                                                                                                    |
|--------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Suppliers                      | <i>Select from:</i><br><input checked="" type="checkbox"/> Yes | <i>Select all that apply</i><br><input checked="" type="checkbox"/> Climate change<br><input checked="" type="checkbox"/> Water |
| Customers                      | <i>Select from:</i><br><input checked="" type="checkbox"/> Yes | <i>Select all that apply</i><br><input checked="" type="checkbox"/> Climate change<br><input checked="" type="checkbox"/> Water |
| Investors and shareholders     | <i>Select from:</i><br><input checked="" type="checkbox"/> Yes | <i>Select all that apply</i><br><input checked="" type="checkbox"/> Climate change<br><input checked="" type="checkbox"/> Water |
| Other value chain stakeholders | <i>Select from:</i><br><input checked="" type="checkbox"/> Yes | <i>Select all that apply</i><br><input checked="" type="checkbox"/> Climate change<br><input checked="" type="checkbox"/> Water |

[Fixed row]

### (5.11.1) Does your organization assess and classify suppliers according to their dependencies and/or impacts on the environment?

#### Climate change

#### (5.11.1.1) Assessment of supplier dependencies and/or impacts on the environment

*Select from:*

☒ Yes, we assess the dependencies and/or impacts of our suppliers

#### (5.11.1.2) Criteria for assessing supplier dependencies and/or impacts on the environment

Select all that apply

☒ Contribution to supplier-related Scope 3 emissions

☒ Other, please specify :Environment score in EcoVadis is below our threshold for suppliers based on our Sustainable Procurement Policy. For this we would review sub topics in environmental themes, such as emissions, climate, and energy, to investigate the low score.

#### (5.11.1.3) % Tier 1 suppliers assessed

Select from:

☒ 1-25%

#### (5.11.1.4) Define a threshold for classifying suppliers as having substantive dependencies and/or impacts on the environment

*AdvanSix is a member of Together for Sustainability (TfS) and leverages EcoVadis for supplier assessments. The environmental theme assessment covers climate related and air pollution topics. A score below our threshold of 45 defines if a supplier is considered to have potential substantive impacts. We can also assess supplier risk based our Scope 3 Category 1 emission calculations. Up to 99% of our supply base can be assessed based on this.*

#### (5.11.1.5) % Tier 1 suppliers meeting the threshold for substantive dependencies and/or impacts on the environment

Select from:

☒ 1-25%

#### (5.11.1.6) Number of Tier 1 suppliers meeting the thresholds for substantive dependencies and/or impacts on the environment

17

### Water

#### (5.11.1.1) Assessment of supplier dependencies and/or impacts on the environment

Select from:

☒ Yes, we assess the dependencies and/or impacts of our suppliers

### (5.11.1.2) Criteria for assessing supplier dependencies and/or impacts on the environment

Select all that apply

☒ Basin/landscape/marine ecosystem condition

☒ Other, please specify :Environment score in EcoVadis is below our threshold for suppliers based on our Sustainable Procurement Policy. For this we would review sub topics in environmental themes, such as water, to investigate the low score.

### (5.11.1.3) % Tier 1 suppliers assessed

Select from:

☒ 1-25%

### (5.11.1.4) Define a threshold for classifying suppliers as having substantive dependencies and/or impacts on the environment

*AdvanSix is a member of Together for Sustainability (TfS) and leverages EcoVadis for supplier assessments. The Environmental theme assessment covers climate related and air pollution topics. A score below our threshold of 45 defines if a supplier is considered to have potential substantive impacts. Specific to water themes we would also consider suppliers that are at high risk based on our water body risk assessment to have substantive dependencies or risks related to water.*

### (5.11.1.5) % Tier 1 suppliers meeting the threshold for substantive dependencies and/or impacts on the environment

Select from:

☒ 1-25%

### (5.11.1.6) Number of Tier 1 suppliers meeting the thresholds for substantive dependencies and/or impacts on the environment

17

[Fixed row]

### (5.11.2) Does your organization prioritize which suppliers to engage with on environmental issues?

Climate change

### (5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:

- ☒ Yes, we prioritize which suppliers to engage with on this environmental issue

### (5.11.2.2) Criteria informing which suppliers are prioritized for engagement on this environmental issue

Select all that apply

- ☒ In line with the criteria used to classify suppliers as having substantive dependencies and/or impacts relating to climate change
- ☒ Business risk mitigation
- ☒ Procurement spend
- ☒ Strategic status of suppliers

### (5.11.2.4) Please explain

*AdvanSix prioritizes suppliers based on factors that indicate impact of the supplier on our business in order to support safe and sustainable operations. Suppliers are prioritized based on a matrix of factors such as spend amount, criticality of the material in which they supply, and impact of a supply chain upset for the commodity/material they are supplying. In addition, we can gauge based on third party ESG rankings or EcoVadis scores, as well as publicly disclosed information how likely a supplier might engage with us on climate or circularity topics. We have included critical suppliers in our TCFD aligned climate risk assessment. This is aligned with the criteria selected in 5.11.1.*

## Water

### (5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:

- ☒ Yes, we prioritize which suppliers to engage with on this environmental issue

### (5.11.2.2) Criteria informing which suppliers are prioritized for engagement on this environmental issue

Select all that apply

- ☒ In line with the criteria used to classify suppliers as having substantive dependencies and/or impacts relating to water
- ☒ Business risk mitigation
- ☒ Procurement spend

- ☒ Strategic status of suppliers
- ☒ Suppliers' exposure or vulnerability to physical risks

#### (5.11.2.4) Please explain

*For water themes AdvanSix can prioritize suppliers based on their location how they may be impacted by water risks or if water risks could be imparted on us. We can also judge priority based on past performance and if any incidents have or could occur that impact our business. Some of our water suppliers are located in the same local watersheds in which we operate so we are knowledgeable about their current and future risks.*

*[Fixed row]*

#### (5.11.5) Do your suppliers have to meet environmental requirements as part of your organization's purchasing process?

##### Climate change

#### (5.11.5.1) Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process

Select from:

- ☒ Yes, environmental requirements related to this environmental issue are included in our supplier contracts

#### (5.11.5.2) Policy in place for addressing supplier non-compliance

Select from:

- ☒ Yes, we have a policy in place for addressing non-compliance

#### (5.11.5.3) Comment

*AdvanSix is committed to the principles set forth in our Code of Business Conduct and our supplier Code of Business Conduct and will only do business with suppliers sharing and supporting these principles. All suppliers are expected to comply with the Supplier Code of Business Conduct. This requirement is included wherever possible in new contracts and in all purchase order terms and conditions entered into by AdvanSix and its affiliated entities. Sustainability is a key factor discussed during supplier reviews with all procurement personnel, with in-depth training occurring every other year. AdvanSix maintains a publicly available sustainable Procurement Policy that continues to drive supplier decisions.*

##### Water

### **(5.11.5.1) Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process**

Select from:

☒ Yes, environmental requirements related to this environmental issue are included in our supplier contracts

### **(5.11.5.2) Policy in place for addressing supplier non-compliance**

Select from:

☒ Yes, we have a policy in place for addressing non-compliance

### **(5.11.5.3) Comment**

*AdvanSix is committed to the principles set forth in our Code of Business Conduct and our supplier Code of Business Conduct and will only do business with suppliers sharing and supporting these principles. All suppliers are expected to comply with the Supplier Code of Business Conduct. This requirement is included wherever possible in new contracts and in all purchase order terms and conditions entered into by AdvanSix and its affiliated entities. Sustainability is a key factor discussed during supplier reviews with all procurement personnel, with in-depth training occurring every other year. AdvanSix maintains a publicly available sustainable Procurement Policy that continues to drive supplier decisions.*

[Fixed row]

## **(5.11.6) Provide details of the environmental requirements that suppliers have to meet as part of your organization's purchasing process, and the compliance measures in place.**

### **Climate change**

#### **(5.11.6.1) Environmental requirement**

Select from:

☒ Environmental disclosure through a non-public platform

#### **(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement**

Select all that apply

☒ Supplier scorecard or rating

☒ Supplier self-assessment

**(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement**

Select from:

☒ None

**(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement**

Select from:

☒ 100%

**(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement**

Select from:

☒ None

**(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement**

Select from:

☒ 100%

**(5.11.6.9) Response to supplier non-compliance with this environmental requirement**

Select from:

☒ Retain and engage

**(5.11.6.10) % of non-compliant suppliers engaged**

Select from:

☒ 1-25%

#### (5.11.6.11) Procedures to engage non-compliant suppliers

*Select all that apply*

- ☒ Providing information on appropriate actions that can be taken to address non-compliance

#### (5.11.6.12) Comment

*At this time, we do not have formal metrics to disclose related to how many non-participating suppliers are currently engaged to participate in this assessment process. On an annual basis we track and evaluate supplier environmental assessment results based on spend and for raw materials compare to Scope 3 emission results to determine how to prioritize the supplier. We try to engage suppliers based on risk, spend, partnerships, and assessment results.*

### Water

#### (5.11.6.1) Environmental requirement

*Select from:*

- ☒ Environmental disclosure through a non-public platform

#### (5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

*Select all that apply*

- ☒ Supplier scorecard or rating  
☒ Supplier self-assessment

#### (5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

*Select from:*

- ☒ None

#### (5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

*Select from:*

- ☒ 100%

**(5.11.6.5) % tier 1 suppliers with substantive environmental dependencies and/or impacts related to this environmental issue required to comply with this environmental requirement**

Select from:

☒ None

**(5.11.6.6) % tier 1 suppliers with substantive environmental dependencies and/or impacts related to this environmental issue that are in compliance with this environmental requirement**

Select from:

☒ None

**(5.11.6.9) Response to supplier non-compliance with this environmental requirement**

Select from:

☒ Retain and engage

**(5.11.6.10) % of non-compliant suppliers engaged**

Select from:

☒ 1-25%

**(5.11.6.11) Procedures to engage non-compliant suppliers**

Select all that apply

☒ Providing information on appropriate actions that can be taken to address non-compliance

**(5.11.6.12) Comment**

*At this time, we do not have formal metrics to disclose related to how many non-participating suppliers are currently engaged to participate in this assessment process. On an annual basis we track and evaluate supplier environmental assessment results based on spend. We try to engage suppliers based on risk, spend, partnerships, and assessment results.*

**Climate change**

#### **(5.11.6.1) Environmental requirement**

*Select from:*

- ☒ Implementation of emissions reduction initiatives

#### **(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement**

*Select all that apply*

- ☒ First-party verification
- ☒ Grievance mechanism/ Whistleblowing hotline
- ☒ Supplier self-assessment

#### **(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement**

*Select from:*

- ☒ 100%

#### **(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement**

*Select from:*

- ☒ 100%

#### **(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement**

*Select from:*

- ☒ 100%

#### **(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement**

*Select from:*

- ☒ 100%

#### (5.11.6.9) Response to supplier non-compliance with this environmental requirement

Select from:

- ☒ Other, please specify :Follow grievance mechanism processes

#### (5.11.6.10) % of non-compliant suppliers engaged

Select from:

- ☒ All suppliers compliant during the reporting period

#### (5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

- ☒ Providing information on appropriate actions that can be taken to address non-compliance

#### (5.11.6.12) Comment

*We expect all suppliers to follow our Supplier Code of Business Conduct which also requires Suppliers to comply with all applicable environmental laws and regulations when conducting business. By way of example, suppliers shall: (i) obtain and keep current all required environmental permits and registrations; (ii) reduce, control and/or eliminate waste and pollution at the source; and (iii) reduce, control and/or eliminate air emissions of volatile chemicals, corrosives, particulates, aerosols and combustion products; among other items. We do not currently disclose procurement information related to spend, nor track this in relation to Scope 3 emissions, but can assume that 100% of our scope 3 emissions would be covered by our Supplier Code of Conduct.*

### Water

#### (5.11.6.1) Environmental requirement

Select from:

- ☒ Provision of fully-functioning, safely managed WASH services to all employees

#### (5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

- ☒ First-party verification  
☒ Grievance mechanism/ Whistleblowing hotline

☒ Supplier self-assessment

**(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement**

Select from:

☒ 100%

**(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement**

Select from:

☒ 100%

**(5.11.6.5) % tier 1 suppliers with substantive environmental dependencies and/or impacts related to this environmental issue required to comply with this environmental requirement**

Select from:

☒ 100%

**(5.11.6.6) % tier 1 suppliers with substantive environmental dependencies and/or impacts related to this environmental issue that are in compliance with this environmental requirement**

Select from:

☒ 100%

**(5.11.6.9) Response to supplier non-compliance with this environmental requirement**

Select from:

☒ Other, please specify :Follow grievance mechanism process

**(5.11.6.10) % of non-compliant suppliers engaged**

Select from:

☒ All suppliers compliant during the reporting period

#### (5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

- ☒ Providing information on appropriate actions that can be taken to address non-compliance

#### (5.11.6.12) Comment

*We expect all suppliers to follow our Supplier Code of Business Conduct which also requires Suppliers to comply with all applicable environmental laws and regulations when conducting business. In addition, it requires suppliers to provide workers with clean toilet facilities, access to potable water and if food preparation and storage facilities are provided these shall be sanitary. This is reinforced by our Human Rights Policy.*

[Add row]

### (5.11.7) Provide further details of your organization's supplier engagement on environmental issues.

#### Climate change

#### (5.11.7.2) Action driven by supplier engagement

Select from:

- ☒ Circular economy

#### (5.11.7.3) Type and details of engagement

Innovation and collaboration

- ☒ Collaborate with suppliers on innovations to reduce environmental impacts in products and services

#### (5.11.7.4) Upstream value chain coverage

Select all that apply

- ☒ Tier 1 suppliers

#### (5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

☒ 1-25%

#### (5.11.7.6) % of tier 1 supplier-related scope 3 emissions covered by engagement

Select from:

☒ 1-25%

#### (5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

*AdvanSix is ISCC Plus certified and engages supply chain partners on this topic. Organization-wide we are members of Together for Sustainability (TfS) and engage suppliers to participate in screening assessments. Assessments are carried out by a key partner, EcoVadis, a global service provider specialized in sustainability performance assessments. For its Audits, TfS cooperates with an approved audit firm. All metrics regarding assessment status, results, corrective actions, and improvements are maintained within the EcoVadis platform. AdvanSix is able to review supplier scores as well as the number of agreed upon corrective actions for each supplier by topic.*

#### (5.11.7.10) Engagement is helping your tier 1 suppliers meet an environmental requirement related to this environmental issue

Select from:

☒ No, this engagement is unrelated to meeting an environmental requirement

#### (5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:

☒ Unknown

## Water

#### (5.11.7.2) Action driven by supplier engagement

Select from:

☒ Other, please specify :Local watershed collaboration and strategy

#### (5.11.7.3) Type and details of engagement

Innovation and collaboration

☒ Collaborate with suppliers on innovations to reduce environmental impacts in products and services

#### **(5.11.7.4) Upstream value chain coverage**

*Select all that apply*

☒ Tier 1 suppliers

#### **(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement**

*Select from:*

☒ Less than 1%

#### **(5.11.7.7) % tier 1 suppliers with substantive impacts and/or dependencies related to this environmental issue covered by engagement**

*Select from:*

☒ Less than 1%

#### **(5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action**

*We are working on potential opportunities for shared resilience benefits for both a critical supplier and one of our manufacturing sites. Improvements have the potential to drive resiliency improvements to downstream water users.*

#### **(5.11.7.10) Engagement is helping your tier 1 suppliers meet an environmental requirement related to this environmental issue**

*Select from:*

☒ No, this engagement is unrelated to meeting an environmental requirement

#### **(5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action**

*Select from:*

☒ Unknown

[Add row]

## **(5.11.9) Provide details of any environmental engagement activity with other stakeholders in the value chain.**

### **Climate change**

#### **(5.11.9.1) Type of stakeholder**

Select from:

☒ Customers

#### **(5.11.9.2) Type and details of engagement**

Education/Information sharing

☒ Share information about your products and relevant certification schemes

☒ Share information on environmental initiatives, progress and achievements

#### **(5.11.9.3) % of stakeholder type engaged**

Select from:

☒ 1-25%

#### **(5.11.9.4) % stakeholder-associated scope 3 emissions**

Select from:

☒ 1-25%

#### **(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement**

*Rationale: AdvanSix has embarked on the journey to better quantify our environmental impacts, initiating a cradle-to-gate life cycle assessment of its full product portfolio. This effort will allow us to attribute these impacts to intermediates that are consumed on-site and chemicals sold to the market, giving our customers a more accurate view into the emissions footprint associated with the products they buy from us. Our customers are very interested in the carbon footprint of our products as they work to define the carbon footprint of their products, we are their upstream (Scope 3) supplier, and we work with them to supply accurate and ISO 14040 and*

ISO 14044 compliant GWP results for our products. We have customers that are very engaged in carbon footprint tracking efforts with AdvanSix as their supplier. This has become a very visible piece of information in our nylon and chemical intermediates product lines, especially since we offer products with recycled content. We certify the recycled content in our caprolactam and resins using a third-party certification for recycled content % and have included those product lines in our LCA as well. We also regularly complete customer ESG and environmental surveys related to the environment and climate themes, as well as engage in leadership meetings with stakeholders to discuss various sustainability-related topics including reporting, LCA results, and sustainability offerings.

#### (5.11.9.6) Effect of engagement and measures of success

We have increased sales of our product lines that contain recycled content compared to prior reporting periods but consider these results confidential. We finalized our Life Cycle assessment, including a critical review, in order to share our carbon footprint impact of all of our product lines and make a comparison between our products with recycled content and our conventional product.

### Water

#### (5.11.9.1) Type of stakeholder

Select from:

☒ Customers

#### (5.11.9.2) Type and details of engagement

Education/Information sharing

☒ Share information about your products and relevant certification schemes

☒ Share information on environmental initiatives, progress and achievements

Innovation and collaboration

☒ Align your organization's goals to support customers' targets and ambitions

#### (5.11.9.3) % of stakeholder type engaged

Select from:

☒ 1-25%

#### (5.11.9.5) Rationale for engaging these stakeholders and scope of engagement

*Rationale: Our customers are one of the highest priority stakeholders. We regularly complete customer ESG and environmental surveys and are solicited for information directly by customers on environmental topics and water themes and have been engaged by customers looking to learn more about the water footprint of some of our products. We also issue routine and voluntary public disclosures on water themes to engage customers. In addition, we have received customer queries for our water related information that is part of our Life Cycle Assessment data.*

#### **(5.11.9.6) Effect of engagement and measures of success**

*Customers that ask about water metrics from our LCA seem satisfied with the information we can provide them and gives us an opportunity to learn more about how to use water data and consider how we can improve our metrics as well as collaborate.*

### **Climate change**

#### **(5.11.9.1) Type of stakeholder**

*Select from:*

☒ Investors and shareholders

#### **(5.11.9.2) Type and details of engagement**

Education/Information sharing

☒ Share information about your products and relevant certification schemes

☒ Share information on environmental initiatives, progress and achievements

#### **(5.11.9.3) % of stakeholder type engaged**

*Select from:*

☒ 1-25%

#### **(5.11.9.4) % stakeholder-associated scope 3 emissions**

*Select from:*

☒ None

#### **(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement**

*Sustainability is critical to our business and our relationships with key stakeholders. Increasing transparency in our annual sustainability reporting is one way we ensure engagement with our stakeholders. Our sustainability report is available publicly and shared with stakeholder and investors annually. We also submit several disclosures to investor groups each year, including CDP and welcome any formal feedback from stakeholders.*

#### **(5.11.9.6) Effect of engagement and measures of success**

*We work to maintain transparency in our sustainability disclosures internally and externally to third parties. We monitor this by benchmarking our sustainability disclosures to third parties based on our past performance as well as peer group or industry rankings. Based on our review we have maintained or improved our third-party disclosure scores over the past several years which is how we gauge our measure of success. Maintaining third party ratings is a leadership strategic objective and part of short-term compensation targets for our executive team.*

### **Water**

#### **(5.11.9.1) Type of stakeholder**

Select from:

☒ Investors and shareholders

#### **(5.11.9.2) Type and details of engagement**

Education/Information sharing

☒ Share information about your products and relevant certification schemes

☒ Share information on environmental initiatives, progress and achievements

#### **(5.11.9.3) % of stakeholder type engaged**

Select from:

☒ 1-25%

#### **(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement**

*Sustainability is critical to our business and our relationships with key stakeholders. Increasing transparency in our annual sustainability reporting is one way we ensure engagement with our stakeholders. Our sustainability report is available publicly and shared with stakeholder and investors annually. We also submit several disclosures to investor groups each year, including CDP and welcome any formal feedback from stakeholders.*

#### (5.11.9.6) Effect of engagement and measures of success

*We work to maintain transparency in our sustainability disclosures internally and externally to third parties. We monitor this by benchmarking our sustainability disclosures to third parties based on our past performance as well as peer group or industry rankings. Based on our review we have maintained or improved our third-party disclosure scores over the past several years which is how we gauge our measure of success. Maintaining third party ratings is a leadership strategic objective and part of short-term compensation targets for our executive team.*

### Climate change

#### (5.11.9.1) Type of stakeholder

Select from:

☒ Other value chain stakeholder, please specify :Community and Interest Groups

#### (5.11.9.2) Type and details of engagement

Education/Information sharing

☒ Share information about your products and relevant certification schemes

☒ Share information on environmental initiatives, progress and achievements

#### (5.11.9.3) % of stakeholder type engaged

Select from:

☒ 51-75%

#### (5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

☒ None

#### (5.11.9.5) Rationale for engaging these stakeholders and scope of engagement

*Sustainability is critical to our business and our relationships with our local communities. We offer a variety of opportunities for constructive discussions as well as community engagement. Our goal is to make a positive impact in our communities through community advisory groups, educational partnerships, outreach and support initiatives.*

#### **(5.11.9.6) Effect of engagement and measures of success**

*We have active community engagement programs in place across our manufacturing sites. We gauge effectiveness of our activities based on attendance and engagement of community members at routine public meetings. We have seen an increased level of participate since re-invigorating our program over the past year.*

### **Water**

#### **(5.11.9.1) Type of stakeholder**

*Select from:*

☒ Other value chain stakeholder, please specify :Community and Interest Groups

#### **(5.11.9.2) Type and details of engagement**

Education/Information sharing

☒ Share information about your products and relevant certification schemes

☒ Share information on environmental initiatives, progress and achievements

#### **(5.11.9.3) % of stakeholder type engaged**

*Select from:*

☒ 51-75%

#### **(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement**

*Sustainability is critical to our business and our relationships with our local communities. We offer a variety of opportunities for constructive discussions as well as community engagement. Our goal is to make a positive impact in our communities through community advisory groups, educational partnerships, outreach and support initiatives. We are part of the Hopewell Water Renewal Commission. The commission is a unique partnership between the City of Hopewell and its large industrial users. This agreement sets out the fiscal responsibilities of the Commission members in paying for the operational and maintenance costs of the water treatment plant.*

#### (5.11.9.6) Effect of engagement and measures of success

*We have active community engagement programs in place across our manufacturing sites. We gauge effectiveness of our activities based on attendance and engagement of community members at routine public meetings. We have seen an increased level of participate since re-invigorating our program over the past year.*  
[Add row]

#### (5.13) Has your organization already implemented any mutually beneficial environmental initiatives due to CDP Supply Chain member engagement?

|  |                                                                                 |
|--|---------------------------------------------------------------------------------|
|  | Environmental initiatives implemented due to CDP Supply Chain member engagement |
|  | Select from:<br><input checked="" type="checkbox"/> Yes                         |

[Fixed row]

#### (5.13.1) Specify the CDP Supply Chain members that have prompted your implementation of mutually beneficial environmental initiatives and provide information on the initiatives.

##### Row 1

#### (5.13.1.1) Requesting member

Select from:

☒ The Dow Chemical Company

#### (5.13.1.4) Initiative ID

Select from:

☒ Ini1

*[Add row]*

## C6. Environmental performance - Consolidation approach

(6.1) Provide details on your chosen consolidation approach for the calculation of environmental performance data.

|                | Consolidation approach used                                             | Provide the rationale for the choice of consolidation approach                         |
|----------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Climate change | Select from:<br><input checked="" type="checkbox"/> Operational control | <i>AdvanSix is based in the US and owns and operates five manufacturing locations.</i> |
| Water          | Select from:<br><input checked="" type="checkbox"/> Operational control | <i>AdvanSix is based in the US and owns and operates five manufacturing locations.</i> |
| Biodiversity   | Select from:<br><input checked="" type="checkbox"/> Operational control | <i>AdvanSix is based in the US and owns and operates five manufacturing locations.</i> |

[Fixed row]

C7. Environmental performance - Climate change

(7.1) Is this your first year of reporting emissions data to CDP?

Select from:

☒ No

(7.1.1) Has your organization undergone any structural changes in the reporting year, or are any previous structural changes being accounted for in this disclosure of emissions data?

|  |                                                                 |
|--|-----------------------------------------------------------------|
|  | Has there been a structural change?                             |
|  | Select all that apply<br><input checked="" type="checkbox"/> No |

[Fixed row]

(7.1.2) Has your emissions accounting methodology, boundary, and/or reporting year definition changed in the reporting year?

|  |                                                                       |
|--|-----------------------------------------------------------------------|
|  | Change(s) in methodology, boundary, and/or reporting year definition? |
|  | Select all that apply<br><input checked="" type="checkbox"/> No       |

[Fixed row]

## **(7.2) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.**

*Select all that apply*

- ☒ The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- ☒ The Greenhouse Gas Protocol: Scope 2 Guidance
- ☒ US EPA Mandatory Greenhouse Gas Reporting Rule
- ☒ US EPA Emissions & Generation Resource Integrated Database (eGRID)

## **(7.3) Describe your organization's approach to reporting Scope 2 emissions.**

### **(7.3.1) Scope 2, location-based**

*Select from:*

- ☒ We are reporting a Scope 2, location-based figure

### **(7.3.2) Scope 2, market-based**

*Select from:*

- ☒ We are reporting a Scope 2, market-based figure

### **(7.3.3) Comment**

*We use eGRID emission factors from USEPA for our appropriate subregions to determine the location-based emissions of electricity used at each facility. We use emission factors from our electricity supplier, when available, to determine our market-based emissions. For any electricity suppliers who do not yet share their specific emission factors we use a location-based emission factor.*

[Fixed row]

## **(7.4) Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1, Scope 2 or Scope 3 emissions that are excluded from your disclosure of climate-related data?**

Select from:

☒ No

## (7.5) Provide your base year and base year emissions.

### Scope 1

#### (7.5.1) Base year end

12/31/2018

#### (7.5.2) Base year emissions (metric tons CO<sub>2</sub>e)

2204655

#### (7.5.3) Methodological details

*Scope 1 emissions are collected and accounted for in alignment with The Greenhouse Protocol: A Corporate Accounting and Reporting Standard (revised edition). Stationary combustion, mobile fuel emissions, and HFC refrigerant emissions are included in our Scope 1 calculations along with process emissions of carbon dioxide and nitrous oxide. Each manufacturing location compiles the necessary activity data for a company-wide aggregation of emission reporting. Liquid fuels, used for mobile or temporary equipment, are not significant to our emissions inventory, and are estimated based on historical data usage. Our baseline year Scope 1 and Scope 2 location-based emissions were included in our limited assurance statement in a prior year. Standard emission factors from the US EPA's Emission Factor Hub are used where available, and where we burn non-standard fuels, emission factors are developed based on third-party elemental analyses. CO<sub>2</sub>e is determined from individual gases of CO<sub>2</sub>, N<sub>2</sub>O, CH<sub>4</sub>, and HFCs using 100-year GWP factors from IPCC AR6.*

### Scope 2 (location-based)

#### (7.5.1) Base year end

12/31/2018

#### (7.5.2) Base year emissions (metric tons CO<sub>2</sub>e)

203473

#### (7.5.3) Methodological details

Scope 2 emissions are accounted for in alignment with The Greenhouse Gas Protocol Scope 2 Guidance An Amendment to the GHG Protocol Standard. Purchased electricity consumption is aggregated across all of our manufacturing locations and other categories of indirect emissions are not applicable. For 2018 we report our Scope 2 emissions using a location-based methodology, using USEPA's eGRID emission factors and IPCC AR6 for 100-year GWP factors. Our baseline year Scope 1 and Scope 2 location-based emissions were included in our limited assurance statement in a prior year.

## Scope 2 (market-based)

### (7.5.1) Base year end

12/31/2024

### (7.5.2) Base year emissions (metric tons CO2e)

182882

### (7.5.3) Methodological details

Scope 2 emissions are accounted for in alignment with The Greenhouse Gas Protocol Scope 2 Guidance An Amendment to the GHG Protocol Standard. Purchased electricity consumption is aggregated across all of our manufacturing locations and other categories of indirect emissions are not applicable. For market-based emissions we use supplier provided emission factors when available otherwise the eGRID location-based emission factor is used. IPCC AR6 is used for GWP factors.

## Scope 3 category 1: Purchased goods and services

### (7.5.1) Base year end

12/31/2025

### (7.5.2) Base year emissions (metric tons CO2e)

1422666

### (7.5.3) Methodological details

Per CDP guidance we are using our first Scope 3 inventory calculations as our baseline. Average data methods are used for raw material and distributor chemicals using volume data and LCA emission factors. All other purchased goods and services use spend based methods. We categorize internal spending information which are then mapped to US EPA Supply Chain GHG Factors to calculate emission estimates. Natural gas as a raw material is included in Category 1.

## Scope 3 category 2: Capital goods

### (7.5.1) Base year end

12/31/2025

### (7.5.2) Base year emissions (metric tons CO2e)

20100

### (7.5.3) Methodological details

*AdvanSix categorizes internal spending information which is then mapped to US EPA Supply Chain GHG Factors to calculate emission estimates. Per CDP guidance we are using our first Scope 3 inventory calculations as our baseline.*

## Scope 3 category 3: Fuel-and-energy-related activities (not included in Scope 1 or 2)

### (7.5.1) Base year end

12/31/2025

### (7.5.2) Base year emissions (metric tons CO2e)

181178

### (7.5.3) Methodological details

*IEA emission factors are used for electricity Scope 3 emissions, including T&D losses, indirect fuel combustion emissions, and fuel lifecycle factors. DEFRA emission factors were used for Scope 3 emissions from fuels. Per CDP guidance we are using our first Scope 3 inventory calculations as our baseline.*

## Scope 3 category 4: Upstream transportation and distribution

### (7.5.1) Base year end

12/31/2025

## (7.5.2) Base year emissions (metric tons CO2e)

82566

## (7.5.3) Methodological details

*When available supplier specific emissions data is used. Fuel based methods using activity data is used for marine transport, distance-based methods rely on zip codes for other transport modes. Spend-based methods are used when other data is not available as well as for other categories such as warehousing and terminals. Per CDP guidance we are using our first Scope 3 inventory calculations as our baseline.*

## Scope 3 category 5: Waste generated in operations

### (7.5.1) Base year end

12/31/2025

## (7.5.2) Base year emissions (metric tons CO2e)

6792

## (7.5.3) Methodological details

*Emissions from waste-type and disposal-specific activity-based methods use site waste quantities for 99% of the emission calculations. The remaining amount uses service and spend based methods. Per CDP guidance we are using our first Scope 3 inventory calculations as our baseline.*

## Scope 3 category 6: Business travel

### (7.5.1) Base year end

12/31/2025

## (7.5.2) Base year emissions (metric tons CO2e)

872

## (7.5.3) Methodological details

*Business travel data and emissions are sourced directly from quarterly reports from our business travel partner, which only includes CO2. It is assumed that this data set is complete and that since CO2 comprised the large majority of CO2e this report is sufficient based on the low materiality of this category. Per CDP guidance we are using our first Scope 3 inventory calculations as our baseline.*

## **Scope 3 category 7: Employee commuting**

### **(7.5.1) Base year end**

12/31/2025

### **(7.5.2) Base year emissions (metric tons CO2e)**

2463

### **(7.5.3) Methodological details**

*Average data methods use our employee headcounts as of the last day of the reporting year and average commuting distances based on census data. Public information is used to calculate emissions for this category from the US Census Bureau (2023) and National Household Travel Survey of 2022 (Table 7.4). Conservative assumptions were used to estimate work schedules and transit habits.*

## **Scope 3 category 8: Upstream leased assets**

### **(7.5.1) Base year end**

12/31/2025

## **Scope 3 category 9: Downstream transportation and distribution**

### **(7.5.1) Base year end**

12/31/2025

### **(7.5.2) Base year emissions (metric tons CO2e)**

116652

### (7.5.3) Methodological details

*Average data methods were used to calculate emissions based on ship-to parties and shipment weights. Transit distances were mapped by origin and destination zip code. Local destinations were assumed to be 5 miles. Weight of sold product was used for 100% of the available data. Per CDP guidance we are using our first Scope 3 inventory calculations as our baseline.*

### Scope 3 category 10: Processing of sold products

#### (7.5.1) Base year end

12/31/2025

#### (7.5.2) Base year emissions (metric tons CO2e)

304209

### (7.5.3) Methodological details

*Average data methods were applied for emission calculations using LCA factors from EcolInvent Database V3.3 based on the first process step of the sold product. For sold products that undergo chemical transformation a 95% yield factor was used. When processing steps could not be isolated the LCA factor was applied at 100%. Per CDP guidance we are using our first Scope 3 inventory calculations as our baseline.*

### Scope 3 category 11: Use of sold products

#### (7.5.1) Base year end

12/31/2025

#### (7.5.2) Base year emissions (metric tons CO2e)

2488397

### (7.5.3) Methodological details

*Per CDP guidance we plan to use our first formal Scope 3 inventory calculations as our baseline and plan to monitor against the baseline as we calculate future years. The first full calculation year is 2025 based on a formal consultant-led effort to develop a Scope 3 emissions inventory and we are only applying the baseline*

comparison for the highest material categories. Average data method for sold product volumes apply to fertilizer and carbon dioxide sales since they are directly used by downstream customers. Appropriate emission factors were applied based on IPCC Guidelines for National Greenhouse Gas Inventories - Chapter 11.

## Scope 3 category 12: End of life treatment of sold products

### (7.5.1) Base year end

12/31/2025

### (7.5.2) Base year emissions (metric tons CO2e)

234347

### (7.5.3) Methodological details

Average-date methods for emissions calculations used sold product weight and disposal specific emission factors. End of life treatment of sold products is assumed based on sold product's assigned end use case and closest U.S. national average or EPA fate data available. Per CDP guidance we are using our first Scope 3 inventory calculations as our baseline.

## Scope 3 category 13: Downstream leased assets

### (7.5.1) Base year end

12/31/2025

## Scope 3 category 14: Franchises

### (7.5.1) Base year end

12/31/2025

## Scope 3 category 15: Investments

### (7.5.1) Base year end

12/31/2025

[Fixed row]

## **(7.6) What were your organization's gross global Scope 1 emissions in metric tons CO2e?**

### **Reporting year**

#### **(7.6.1) Gross global Scope 1 emissions (metric tons CO2e)**

1931207.281

#### **(7.6.3) Methodological details**

*Scope 1 emissions are collected and accounted for in alignment with The Greenhouse Protocol: A Corporate Accounting and Reporting Standard (revised edition) and IPCC AR6 for 100-year GWP factors. Stationary combustion, mobile fuel emissions, and HFC refrigerant emissions are included in our Scope 1 calculations along with process emissions of carbon dioxide and nitrous oxide. Each manufacturing location compiles the necessary activity data for a company-wide aggregation of emission reporting in order for corporate wide calculation of GHG emissions.*

[Fixed row]

## **(7.7) What were your organization's gross global Scope 2 emissions in metric tons CO2e?**

### **Reporting year**

#### **(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)**

161535

#### **(7.7.2) Gross global Scope 2, market-based emissions (metric tons CO2e)**

170912

#### **(7.7.4) Methodological details**

*Indirect emissions are generated by purchased electricity; no other sources are applicable to AdvanSix. GHG emissions of CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O are included. Scope 2 emissions are accounted for in alignment with The Greenhouse Gas Protocol Scope 2 Guidance: An Amendment to the GHG Protocol Standard. We report our*

Scope 2 emissions using a location-based methodology, using USEPA's eGRID most recently published emission factors and IPCC AR6 for 100-year GWP factors. We are able to report market-based emissions and have one provider supplying a market-based emission factor.  
[Fixed row]

## **(7.8) Account for your organization's gross global Scope 3 emissions, disclosing and explaining any exclusions.**

### **Purchased goods and services**

#### **(7.8.1) Evaluation status**

Select from:

☒ Relevant, calculated

#### **(7.8.2) Emissions in reporting year (metric tons CO2e)**

1422666

#### **(7.8.3) Emissions calculation methodology**

Select all that apply

☒ Average data method

☒ Spend-based method

#### **(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners**

0

#### **(7.8.6) Please explain**

Average data methods are used for raw material and distributor chemicals using volume data and LCA emission factors. All other purchased goods and services use spend based methods. AdvanSix categorizes internal spending information which are then mapped to US EPA Supply Chain GHG Factors to calculate emission estimates. Natural gas as a raw material is included in Category 1. Emissions have been calculated but we are not ready to publicly report our Scope 3 emissions in time for CDP disclosure this year.

### **Capital goods**

### (7.8.1) Evaluation status

Select from:

☒ Relevant, calculated

### (7.8.2) Emissions in reporting year (metric tons CO2e)

20100

### (7.8.3) Emissions calculation methodology

Select all that apply

☒ Average spend-based method

### (7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

### (7.8.6) Please explain

*AdvanSix categorizes internal spending information which is then mapped to US EPA Supply Chain GHG Factors to calculate emission estimates.*

## Fuel-and-energy-related activities (not included in Scope 1 or 2)

### (7.8.1) Evaluation status

Select from:

☒ Relevant, calculated

### (7.8.2) Emissions in reporting year (metric tons CO2e)

181178

### (7.8.3) Emissions calculation methodology

Select all that apply

☒ Average data method

#### (7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

#### (7.8.6) Please explain

IEA emission factors are used for electricity Scope 3 emissions, including T&D losses, indirect fuel combustion emissions, and fuel lifecycle factors. DEFRA emission factors were used for Scope 3 emissions from fuels.

### Upstream transportation and distribution

#### (7.8.1) Evaluation status

Select from:

☒ Relevant, calculated

#### (7.8.2) Emissions in reporting year (metric tons CO2e)

82566

#### (7.8.3) Emissions calculation methodology

Select all that apply

☒ Distance-based method

☒ Fuel-based method

☒ Spend-based method

#### (7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

25

#### (7.8.6) Please explain

*When available supplier specific emissions data is used. Fuel based methods using activity data is used for marine transport, distance-based methods rely on zip codes for other transport modes. Spend-based methods are used when other data is not available as well as for other categories such as warehousing and terminals.*

## Waste generated in operations

### (7.8.1) Evaluation status

*Select from:*

☒ Not relevant, calculated

### (7.8.2) Emissions in reporting year (metric tons CO2e)

6792

### (7.8.3) Emissions calculation methodology

*Select all that apply*

☒ Waste-type-specific method

### (7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

### (7.8.6) Please explain

*Emissions from waste-type and disposal-specific activity-based methods use site waste quantities for 99% of the emission calculations. The remaining amount uses service and spend based methods.*

## Business travel

### (7.8.1) Evaluation status

*Select from:*

☒ Not relevant, calculated

### (7.8.2) Emissions in reporting year (metric tons CO2e)

872

### (7.8.3) Emissions calculation methodology

Select all that apply

- ☒ Distance-based method
- ☒ Fuel-based method

### (7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

### (7.8.6) Please explain

*Business travel data and emissions are sourced directly from quarterly reports from our business travel partner, which only includes CO2. It is assumed that this data set is complete and that since CO2 comprised the large majority of CO2e this report is sufficient based on the low materiality of this category.*

## Employee commuting

### (7.8.1) Evaluation status

Select from:

- ☒ Not relevant, calculated

### (7.8.2) Emissions in reporting year (metric tons CO2e)

2463

### (7.8.3) Emissions calculation methodology

Select all that apply

- ☒ Average data method

#### (7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

#### (7.8.6) Please explain

*Average data methods use our employee headcounts as of the last day of the reporting year and average commuting distances based on census data. Public information is used to calculate emissions for this category from the US Census Bureau (2023) and National Household Travel Survey of 2022 (Table 7.4). Conservative assumptions were used to estimate work schedules and transit habits.*

### Upstream leased assets

#### (7.8.1) Evaluation status

Select from:

☒ Not relevant, explanation provided

#### (7.8.5) Reason for this category not being relevant

Select from:

☒ Not applicable to our organization's activities

#### (7.8.6) Please explain

*AdvanSix leases assets including warehouses and office buildings, however, warehouses do not have any staff and are often shared with other tenants making isolation difficult. Overall materiality is deemed to be low given the limited footprint and therefore determined not relevant due to size.*

### Downstream transportation and distribution

#### (7.8.1) Evaluation status

Select from:

☒ Relevant, calculated

#### (7.8.2) Emissions in reporting year (metric tons CO<sub>2</sub>e)

**(7.8.3) Emissions calculation methodology***Select all that apply*☒ Distance-based method**(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners**

0

**(7.8.6) Please explain**

*Average data methods were used to calculate emissions based on ship-to parties and shipment weights. Transit distances were mapped by origin and destination zip code. Local destinations were assumed to be 5 miles. Weight of sold product was used for 100% of the available data.*

**Processing of sold products****(7.8.1) Evaluation status***Select from:*☒ Not relevant, calculated**(7.8.2) Emissions in reporting year (metric tons CO2e)**

304209

**(7.8.3) Emissions calculation methodology***Select all that apply*☒ Average data method**(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners**

0

### (7.8.6) Please explain

*Average data methods were applied for emission calculations using LCA factors from EcolInvent Database V3.3 based on the first process step of the sold product. For sold products that undergo chemical transformation a 95% yield factor was used. When processing steps could not be isolated the LCA factor was applied at 100%.*

### Use of sold products

#### (7.8.1) Evaluation status

Select from:

☒ Relevant, calculated

#### (7.8.2) Emissions in reporting year (metric tons CO2e)

2488397

#### (7.8.3) Emissions calculation methodology

Select all that apply

☒ Methodology for direct use phase emissions, please specify :Average data method for sold product volumes

☒ Methodology for indirect use phase emissions, please specify :Average data method for sold product volumes

#### (7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

### (7.8.6) Please explain

*Average data method for sold product volumes apply to fertilizer and carbon dioxide sales since they are directly used by downstream customers. Appropriate emission factors were applied based on IPCC Guidelines for National Greenhouse Gas Inventories - Chapter 11.*

### End of life treatment of sold products

#### (7.8.1) Evaluation status

Select from:

☒ Relevant, calculated

### (7.8.2) Emissions in reporting year (metric tons CO2e)

234347

### (7.8.3) Emissions calculation methodology

Select all that apply

☒ Average data method

### (7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

### (7.8.6) Please explain

*Average-date methods for emissions calculations used sold product weight and disposal specific emission factors. End of life treatment of sold products is assumed based on sold product's assigned end use case and closest U.S. national average or EPA fate data available.*

## Downstream leased assets

### (7.8.1) Evaluation status

Select from:

☒ Not relevant, explanation provided

### (7.8.5) Reason for this category not being relevant

Select from:

☒ Not applicable to our organization's activities

### (7.8.6) Please explain

*Not Applicable to AdvanSix emissions inventory and scope.*

## Franchises

### (7.8.1) Evaluation status

*Select from:*

☒ Not relevant, explanation provided

### (7.8.5) Reason for this category not being relevant

*Select from:*

☒ Not applicable to our organization's activities

### (7.8.6) Please explain

*Not Applicable to AdvanSix emissions inventory and scope.*

## Investments

### (7.8.1) Evaluation status

*Select from:*

☒ Not relevant, explanation provided

### (7.8.5) Reason for this category not being relevant

*Select from:*

☒ Not applicable to our organization's activities

### (7.8.6) Please explain

*Not Applicable to AdvanSix emissions inventory and scope.*

## Other (upstream)

### (7.8.1) Evaluation status

Select from:

☒ Not relevant, explanation provided

### (7.8.5) Reason for this category not being relevant

Select from:

☒ Not applicable to our organization's activities

### (7.8.6) Please explain

*Not Applicable to AdvanSix emissions inventory and scope.*

### Other (downstream)

### (7.8.1) Evaluation status

Select from:

☒ Not relevant, explanation provided

### (7.8.5) Reason for this category not being relevant

Select from:

☒ Not applicable to our organization's activities

### (7.8.6) Please explain

*Not Applicable to AdvanSix emissions inventory and scope.*

*[Fixed row]*

### (7.9) Indicate the verification/assurance status that applies to your reported emissions.

|                                          | Verification/assurance status                                                                                     |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Scope 1                                  | <i>Select from:</i><br><input checked="" type="checkbox"/> Third-party verification or assurance process in place |
| Scope 2 (location-based or market-based) | <i>Select from:</i><br><input checked="" type="checkbox"/> Third-party verification or assurance process in place |
| Scope 3                                  | <i>Select from:</i><br><input checked="" type="checkbox"/> No third-party verification or assurance               |

[Fixed row]

**(7.9.1) Provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements.**

## Row 1

### (7.9.1.1) Verification or assurance cycle in place

*Select from:*

☒ Annual process

### (7.9.1.2) Status in the current reporting year

*Select from:*

☒ Complete

### (7.9.1.3) Type of verification or assurance

*Select from:*

☒ Limited assurance

#### (7.9.1.4) Attach the statement

*2025-AdvanSix-Sustainability-Report-Print-Ready (1).pdf*

#### (7.9.1.5) Page/section reference

*See page 62-64 which references direct Scope 1 emissions are included in the limited assurance statement.*

#### (7.9.1.6) Relevant standard

*Select all that apply*

☒ ISAE3000

#### (7.9.1.7) Proportion of reported emissions verified (%)

100

*[Add row]*

**(7.9.2) Provide further details of the verification/assurance undertaken for your Scope 2 emissions and attach the relevant statements.**

#### Row 1

#### (7.9.2.1) Scope 2 approach

*Select from:*

☒ Scope 2 location-based

#### (7.9.2.2) Verification or assurance cycle in place

*Select from:*

☒ Annual process

#### (7.9.2.3) Status in the current reporting year

Select from:

☒ Complete

#### (7.9.2.4) Type of verification or assurance

Select from:

☒ Limited assurance

#### (7.9.2.5) Attach the statement

*2025-AdvanSix-Sustainability-Report-Print-Ready.pdf*

#### (7.9.2.6) Page/ section reference

*See page 62 which references in direct Scope 2 location based emissions are included in the limited assurance statement.*

#### (7.9.2.7) Relevant standard

Select all that apply

☒ ISAE3000

#### (7.9.2.8) Proportion of reported emissions verified (%)

100

### Row 2

#### (7.9.2.1) Scope 2 approach

Select from:

☒ Scope 2 market-based

#### (7.9.2.2) Verification or assurance cycle in place

Select from:

☒ Annual process

#### (7.9.2.3) Status in the current reporting year

Select from:

☒ Complete

#### (7.9.2.4) Type of verification or assurance

Select from:

☒ Limited assurance

#### (7.9.2.5) Attach the statement

*2025-AdvanSix-Sustainability-Report-Print-Ready.pdf*

#### (7.9.2.6) Page/ section reference

*See page 62 which references indirect Scope 2 market based emissions are included in the limited assurance statement.*

#### (7.9.2.7) Relevant standard

Select all that apply

☒ ISAE3000

#### (7.9.2.8) Proportion of reported emissions verified (%)

100

[Add row]

**(7.10) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?**

Select from:

☒ Increased

**(7.10.1) Identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined), and for each of them specify how your emissions compare to the previous year.**

### **Change in renewable energy consumption**

#### **(7.10.1.1) Change in emissions (metric tons CO2e)**

0

#### **(7.10.1.2) Direction of change in emissions**

Select from:

☒ No change

#### **(7.10.1.3) Emissions value (percentage)**

0

#### **(7.10.1.4) Please explain calculation**

*AdvanSix did not have any changes to renewable energy consumption.*

### **Other emissions reduction activities**

#### **(7.10.1.1) Change in emissions (metric tons CO2e)**

22946

#### **(7.10.1.2) Direction of change in emissions**

Select from:

☒ Decreased

### (7.10.1.3) Emissions value (percentage)

1.1

### (7.10.1.4) Please explain calculation

*Compared to last year our emissions increased by 36,108 mT or 1.8% Based on our change in volume we would have expected our emissions to have increased by 59,072 mT or 2.9%. We attributed the difference of 22,946 mT or 1.1% to emission reduction activities. Each year we have continuous improvement and cost savings projects to save on energy and utility resources. This can be accounted for to make up the differences between the total emission increase for 2025 and the 'Change in output' category.*

## Divestment

### (7.10.1.1) Change in emissions (metric tons CO2e)

0

### (7.10.1.2) Direction of change in emissions

Select from:

☒ No change

### (7.10.1.3) Emissions value (percentage)

0

### (7.10.1.4) Please explain calculation

*AdvanSix did not have any divestment activity in 2025.*

## Acquisitions

### (7.10.1.1) Change in emissions (metric tons CO2e)

0

#### (7.10.1.2) Direction of change in emissions

Select from:

☒ No change

#### (7.10.1.3) Emissions value (percentage)

0

#### (7.10.1.4) Please explain calculation

*AdvanSix did not have any acquisition activity in 2025.*

### Mergers

#### (7.10.1.1) Change in emissions (metric tons CO2e)

0

#### (7.10.1.2) Direction of change in emissions

Select from:

☒ No change

#### (7.10.1.4) Please explain calculation

*AdvanSix did not have any merger activity in 2025.*

### Change in output

#### (7.10.1.1) Change in emissions (metric tons CO2e)

59072

#### (7.10.1.2) Direction of change in emissions

Select from:

☒ Increased

#### (7.10.1.3) Emissions value (percentage)

2.9

#### (7.10.1.4) Please explain calculation

*AdvanSix had increased activity in 2025 compared to the prior year. We would have expected our emissions to be 59,072 mT CO2e higher than last year which is a 2.9% increase.*

### Change in methodology

#### (7.10.1.1) Change in emissions (metric tons CO2e)

0

#### (7.10.1.2) Direction of change in emissions

Select from:

☒ No change

#### (7.10.1.3) Emissions value (percentage)

0

#### (7.10.1.4) Please explain calculation

*AdvanSix did not have any changes in methodology to calculated in 2025.*

### Change in boundary

#### (7.10.1.1) Change in emissions (metric tons CO2e)

0

#### (7.10.1.2) Direction of change in emissions

Select from:

☒ No change

#### (7.10.1.3) Emissions value (percentage)

0

#### (7.10.1.4) Please explain calculation

*AdvanSix did not have any boundary changes in 2025.*

### Change in physical operating conditions

#### (7.10.1.1) Change in emissions (metric tons CO2e)

0

#### (7.10.1.2) Direction of change in emissions

Select from:

☒ No change

#### (7.10.1.3) Emissions value (percentage)

0

#### (7.10.1.4) Please explain calculation

*AdvanSix did not have any quantifiable changes in physical operating conditions in 2025.*

### Unidentified

#### (7.10.1.1) Change in emissions (metric tons CO2e)

0

#### (7.10.1.2) Direction of change in emissions

Select from:

☒ No change

#### (7.10.1.4) Please explain calculation

*This year we were able to attribute our emission changes to the listed categories.*

**Other**

#### (7.10.1.1) Change in emissions (metric tons CO2e)

0

#### (7.10.1.2) Direction of change in emissions

Select from:

☒ No change

#### (7.10.1.3) Emissions value (percentage)

0

#### (7.10.1.4) Please explain calculation

*This year we were able to attribute our emission changes to the listed categories.*

*[Fixed row]*

**(7.10.2) Are your emissions performance calculations in 7.10 and 7.10.1 based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?**

Select from:

☒ Location-based

**(7.12) Does your organization have significant land sector activities in its operations or value chain?**

|  |                                                                   |
|--|-------------------------------------------------------------------|
|  | Agriculture, forestry or other land sector activities             |
|  | Select from:<br><input checked="" type="checkbox"/> Not evaluated |

[Fixed row]

**(7.13) Does your organization choose to account for and report technological CO2 removals or captured CO2 with geologic storage, or have you done so in previous years?**

|  |                                                                                        |                                                                                                                    |                                                                                                                    |
|--|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
|  | Technological CO2 removals or captured CO2 with geologic storage in the reporting year | Specify the reason for no technological CO2 removals or captured CO2 with geological storage in the reporting year | Technological CO2 removals or captured CO2 with geologic storage were accounted for and reported in previous years |
|  | Select from:<br><input checked="" type="checkbox"/> No, explanation provided           | Select from:<br><input checked="" type="checkbox"/> No relevant activities identified                              | Select from:<br><input checked="" type="checkbox"/> No                                                             |

[Fixed row]

**(7.15) Does your organization break down its Scope 1 and/or Scope 2 emissions by greenhouse gas type?**

**(7.15.1) Emissions breakdown by greenhouse gas type**

Select from:

☒ Yes, both Scope 1 and Scope 2 emissions

[Fixed row]

**(7.15.1) Break down your total gross global Scope 1 and Scope 2 emissions by greenhouse gas type and provide the source of each used global warming potential (GWP).**

**Row 1**

**(7.15.1.1) Greenhouse gas**

Select from:

☒ CO2

**(7.15.1.2) Scope 1 emissions (metric tons of selected gas)**

1161288.901

**(7.15.1.3) Scope 1 emissions (metric tons of CO2e)**

1161288.901

**(7.15.1.4) Scope 2 location-based emissions (metric tons of selected gas)**

160801

**(7.15.1.5) Scope 2 location-based emissions (metric tons of CO2e)**

160801

**(7.15.1.6) Scope 2 market-based emissions (metric tons of selected gas)**

170177.089

**(7.15.1.7) Scope 2 market-based emissions (metric tons of CO2e)**

170177

### (7.15.1.8) GWP Reference

Select from:

☒ IPCC Sixth Assessment Report (AR6 - 100 year)

### Row 2

### (7.15.1.1) Greenhouse gas

Select from:

☒ CH4

### (7.15.1.2) Scope 1 emissions (metric tons of selected gas)

15.028

### (7.15.1.3) Scope 1 emissions (metric tons of CO2e)

447.838

### (7.15.1.4) Scope 2 location-based emissions (metric tons of selected gas)

12

### (7.15.1.5) Scope 2 location-based emissions (metric tons of CO2e)

350

### (7.15.1.6) Scope 2 market-based emissions (metric tons of selected gas)

12

### (7.15.1.7) Scope 2 market-based emissions (metric tons of CO2e)

350

### (7.15.1.8) GWP Reference

Select from:

☒ IPCC Sixth Assessment Report (AR6 - 100 year)

### Row 3

### (7.15.1.1) Greenhouse gas

Select from:

☒ N2O

### (7.15.1.2) Scope 1 emissions (metric tons of selected gas)

2737.037

### (7.15.1.3) Scope 1 emissions (metric tons of CO2e)

747211.237

### (7.15.1.4) Scope 2 location-based emissions (metric tons of selected gas)

1.4

### (7.15.1.5) Scope 2 location-based emissions (metric tons of CO2e)

384

### (7.15.1.6) Scope 2 market-based emissions (metric tons of selected gas)

1.4

### (7.15.1.7) Scope 2 market-based emissions (metric tons of CO2e)

384

#### (7.15.1.8) GWP Reference

Select from:

☒ IPCC Sixth Assessment Report (AR6 - 100 year)

#### Row 4

#### (7.15.1.1) Greenhouse gas

Select from:

☒ HFCs

#### (7.15.1.2) Scope 1 emissions (metric tons of selected gas)

0.355

#### (7.15.1.3) Scope 1 emissions (metric tons of CO2e)

17833.889

#### (7.15.1.4) Scope 2 location-based emissions (metric tons of selected gas)

0

#### (7.15.1.5) Scope 2 location-based emissions (metric tons of CO2e)

0

#### (7.15.1.6) Scope 2 market-based emissions (metric tons of selected gas)

0

#### (7.15.1.7) Scope 2 market-based emissions (metric tons of CO2e)

0

### (7.15.1.8) GWP Reference

Select from:

☒ IPCC Sixth Assessment Report (AR6 - 100 year)

[Add row]

### (7.16) Break down your total gross global Scope 1 and 2 emissions by country/area.

|                          | Scope 1 emissions (metric tons CO2e) | Scope 2, location-based (metric tons CO2e) | Scope 2, market-based (metric tons CO2e) |
|--------------------------|--------------------------------------|--------------------------------------------|------------------------------------------|
| United States of America | 1931207.281                          | 161535.493                                 | 170911.841                               |

[Fixed row]

### (7.17) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.

Select all that apply

☒ By facility

### (7.17.2) Break down your total gross global Scope 1 emissions by business facility.

#### Row 1

#### (7.17.2.1) Facility

Portsmouth, VA

#### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

93.808

#### (7.17.2.3) Latitude

30.986619

#### (7.17.2.4) Longitude

-88.023678

### Row 2

#### (7.17.2.1) Facility

Frankford, PA

#### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

208912.91

#### (7.17.2.3) Latitude

40.005895

#### (7.17.2.4) Longitude

-75.075637

### Row 3

#### (7.17.2.1) Facility

Chesterfield, VA

#### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

55457.632

**(7.17.2.3) Latitude**

37.338532

**(7.17.2.4) Longitude**

-77.282918

**Row 4****(7.17.2.1) Facility**

*Bucks, AL*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

17004.06

**(7.17.2.3) Latitude**

36.861529

**(7.17.2.4) Longitude**

-76.343878

**Row 5****(7.17.2.1) Facility**

*Hopewell, VA*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

1649776.156

### (7.17.2.3) Latitude

37.298781

### (7.17.2.4) Longitude

-77.272453

[Add row]

**(7.19) Break down your organization's total gross global Scope 1 emissions by sector production activity in metric tons CO2e.**

|                                 | Gross Scope 1 emissions, metric tons CO2e | Comment                 |
|---------------------------------|-------------------------------------------|-------------------------|
| Chemicals production activities | 1931207.281                               | No additional comments. |

[Fixed row]

**(7.20) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.**

Select all that apply

☒ By facility

**(7.20.2) Break down your total gross global Scope 2 emissions by business facility.**

|       | Facility                | Scope 2, location-based (metric tons CO2e) | Scope 2, market-based (metric tons CO2e) |
|-------|-------------------------|--------------------------------------------|------------------------------------------|
| Row 1 | <i>Frankford, PA</i>    | <i>26335.968</i>                           | <i>35712.317</i>                         |
| Row 2 | <i>Portsmouth, VA</i>   | <i>2239.451</i>                            | <i>2239.451</i>                          |
| Row 3 | <i>Hopewell, VA</i>     | <i>102047.587</i>                          | <i>102047.587</i>                        |
| Row 4 | <i>Chesterfield, VA</i> | <i>26668.96</i>                            | <i>26668.96</i>                          |
| Row 5 | <i>Bucks, AL</i>        | <i>4243.526</i>                            | <i>4243.526</i>                          |

[Add row]

**(7.21) Break down your organization's total gross global Scope 2 emissions by sector production activity in metric tons CO2e.**

|                                 | Scope 2, location-based, metric tons CO2e | Scope 2, market-based (if applicable), metric tons CO2e | Comment                        |
|---------------------------------|-------------------------------------------|---------------------------------------------------------|--------------------------------|
| Chemicals production activities | <i>161535.493</i>                         | <i>170911.841</i>                                       | <i>No additional comments.</i> |

[Fixed row]

**(7.22) Break down your gross Scope 1 and Scope 2 emissions between your consolidated accounting group and other entities included in your response.**

**Consolidated accounting group**

**(7.22.1) Scope 1 emissions (metric tons CO2e)**

1931207.281

**(7.22.2) Scope 2, location-based emissions (metric tons CO2e)**

161535.493

**(7.22.3) Scope 2, market-based emissions (metric tons CO2e)**

170911.841

**(7.22.4) Please explain**

*Our organizational boundary covers 100% of our business operations.*

**All other entities**

**(7.22.1) Scope 1 emissions (metric tons CO2e)**

0

**(7.22.2) Scope 2, location-based emissions (metric tons CO2e)**

0

**(7.22.3) Scope 2, market-based emissions (metric tons CO2e)**

0

**(7.22.4) Please explain**

*AdvanSix does not have additional entities.*

*[Fixed row]*

**(7.23) Is your organization able to break down your emissions data for any of the subsidiaries included in your CDP response?**

Select from:

☒ Not relevant as we do not have any subsidiaries

## **(7.25) Disclose the percentage of your organization's Scope 3, Category 1 emissions by purchased chemical feedstock.**

### **Row 1**

#### **(7.25.1) Purchased feedstock**

Select from:

☒ Natural gas

#### **(7.25.2) Percentage of Scope 3, Category 1 tCO<sub>2</sub>e from purchased feedstock**

9

#### **(7.25.3) Explain calculation methodology**

*Scope 3 Category emissions are calculated using both average-data and spend-based methods. Scope 3 emissions from natural gas as a feedstock is calculated using physical quantities consumed and a relevant LCA emission factor. The denominator is total Scope 3 Category 1 calculated emissions.*

### **Row 2**

#### **(7.25.1) Purchased feedstock**

Select from:

☒ Other base chemicals :Cumene

#### **(7.25.2) Percentage of Scope 3, Category 1 tCO<sub>2</sub>e from purchased feedstock**

63

#### **(7.25.3) Explain calculation methodology**

Scope 3 Category emissions are calculated using both average-data and spend-based methods. Scope 3 emissions from cumene use as a raw material is calculated using physical quantities consumed and a relevant LCA emission factor. The denominator is total Scope 3 Category 1 calculated emissions.  
[Add row]

(7.25.1) Disclose sales of products that are greenhouse gases.

Carbon dioxide (CO2)

(7.25.1.1) Sales, metric tons

441087.78

(7.25.1.2) Comment

Applicable to AdvanSix.

Methane (CH4)

(7.25.1.1) Sales, metric tons

0

(7.25.1.2) Comment

Not applicable, not manufactured by AdvanSix.

Nitrous oxide (N2O)

(7.25.1.1) Sales, metric tons

0

(7.25.1.2) Comment

Not applicable, not manufactured by AdvanSix.

## Hydrofluorocarbons (HFC)

### (7.25.1.1) Sales, metric tons

0

### (7.25.1.2) Comment

*Not applicable, not manufactured by AdvanSix.*

## Perfluorocarbons (PFC)

### (7.25.1.1) Sales, metric tons

0

### (7.25.1.2) Comment

*Not applicable, not manufactured by AdvanSix.*

## Sulphur hexafluoride (SF<sub>6</sub>)

### (7.25.1.1) Sales, metric tons

0

### (7.25.1.2) Comment

*Not applicable, not manufactured by AdvanSix.*

## Nitrogen trifluoride (NF<sub>3</sub>)

### (7.25.1.1) Sales, metric tons

0

### (7.25.1.2) Comment

*Not applicable, not manufactured by AdvanSix.  
[Fixed row]*

**(7.26) Allocate your emissions to your customers listed below according to the goods or services you have sold them in this reporting period.**

#### Row 1

### (7.26.1) Requesting member

*Select from:*

☒ The Dow Chemical Company

### (7.26.4) Allocation level

*Select from:*

☒ Commodity

### (7.26.6) Allocation method

*Select from:*

☒ Allocation based on the chemical content of products purchased

### (7.26.7) Unit for market value or quantity of goods/services supplied

*Select from:*

☒ Kilograms

### (7.26.12) Allocation verified by a third party?

*Select from:*

☒ Yes

#### (7.26.14) Where published information has been used, please provide a reference

*We share product specific carbon footprint and life cycle analysis directly with interested customers under confidentiality agreements. We have shared this information directly with this customer outside of our CDP submission.*

[Add row]

#### (7.27) What are the challenges in allocating emissions to different customers, and what would help you to overcome these challenges?

##### Row 1

#### (7.27.1) Allocation challenges

Select from:

☒ Doing so would require we disclose business sensitive/proprietary information

#### (7.27.2) Please explain what would help you overcome these challenges

*We have life cycle assessment (LCA) metrics available for most of our products corporate wide. Our LCA was completed by a reputable consultant with a completed third-party panel critical review. At this time, we consider this information business confidential and share with interested parties as agreed upon, but not in public disclosures.*

[Add row]

#### (7.28) Do you plan to develop your capabilities to allocate emissions to your customers in the future?

#### (7.28.1) Do you plan to develop your capabilities to allocate emissions to your customers in the future?

Select from:

☒ Yes

#### (7.28.2) Describe how you plan to develop your capabilities

We intend to continuously improve our capabilities to maintain and update our life cycle metrics in alignment with frameworks and industry/sector recommendations.  
 [Fixed row]

## (7.29) What percentage of your total operational spend in the reporting year was on energy?

Select from:

☒ More than 20% but less than or equal to 25%

## (7.30) Select which energy-related activities your organization has undertaken.

|                                                    | Indicate whether your organization undertook this energy-related activity in the reporting year |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Consumption of fuel (excluding feedstocks)         | Select from:<br><input checked="" type="checkbox"/> Yes                                         |
| Consumption of purchased or acquired electricity   | Select from:<br><input checked="" type="checkbox"/> Yes                                         |
| Consumption of purchased or acquired heat          | Select from:<br><input checked="" type="checkbox"/> No                                          |
| Consumption of purchased or acquired steam         | Select from:<br><input checked="" type="checkbox"/> No                                          |
| Consumption of purchased or acquired cooling       | Select from:<br><input checked="" type="checkbox"/> No                                          |
| Generation of electricity, heat, steam, or cooling | Select from:<br><input checked="" type="checkbox"/> Yes                                         |

[Fixed row]

## (7.30.1) Report your organization's energy consumption totals (excluding feedstocks) in MWh.

Consumption of fuel (excluding feedstock)

(7.30.1.1) Heating value

Select from:  
☒ HHV (higher heating value)

(7.30.1.2) MWh from renewable sources

0

(7.30.1.3) MWh from non-renewable sources

4421775.43

(7.30.1.5) Total (renewable + non-renewable) MWh

4421775.43

Consumption of purchased or acquired electricity

(7.30.1.2) MWh from renewable sources

0

(7.30.1.3) MWh from non-renewable sources

592755.57

(7.30.1.4) MWh from non-renewable zero or near-zero emission sources

0

(7.30.1.5) Total (renewable + non-renewable) MWh

592755.57

Consumption of self-generated non-fuel renewable energy

(7.30.1.2) MWh from renewable sources

0

(7.30.1.5) Total (renewable + non-renewable) MWh

0.00

Total energy consumption

(7.30.1.2) MWh from renewable sources

0

(7.30.1.3) MWh from non-renewable sources

5014531

(7.30.1.4) MWh from non-renewable zero or near-zero emission sources

0

(7.30.1.5) Total (renewable + non-renewable) MWh

5014531.00  
[Fixed row]

(7.30.3) Report your organization’s energy consumption totals (excluding feedstocks) for chemical production activities in MWh.

Consumption of fuel (excluding feedstocks)

**(7.30.3.1) MWh consumed from renewable sources inside chemical sector boundary**

0

**(7.30.3.2) MWh consumed from non-renewable sources inside chemical sector boundary (excluding recovered waste heat/gases)**

4421775.43

**(7.30.3.3) MWh consumed from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary**

1270607.21

**(7.30.3.5) Total MWh (renewable + non-renewable + MWh from recovered waste heat/gases) consumed inside chemical sector boundary**

5692382.64

**Consumption of purchased or acquired electricity**

**(7.30.3.1) MWh consumed from renewable sources inside chemical sector boundary**

0

**(7.30.3.2) MWh consumed from non-renewable sources inside chemical sector boundary (excluding recovered waste heat/gases)**

592756

**(7.30.3.3) MWh consumed from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary**

0

**(7.30.3.4) MWh consumed from non-renewable zero or near-zero emission sources inside chemical sector boundary**

0

**(7.30.3.5) Total MWh (renewable + non-renewable + MWh from recovered waste heat/gases) consumed inside chemical sector boundary**

592756.00

**Consumption of self-generated non-fuel renewable energy**

**(7.30.3.1) MWh consumed from renewable sources inside chemical sector boundary**

0

**(7.30.3.5) Total MWh (renewable + non-renewable + MWh from recovered waste heat/gases) consumed inside chemical sector boundary**

0.00

**Total energy consumption**

**(7.30.3.1) MWh consumed from renewable sources inside chemical sector boundary**

0

**(7.30.3.2) MWh consumed from non-renewable sources inside chemical sector boundary (excluding recovered waste heat/gases)**

5014531

**(7.30.3.3) MWh consumed from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary**

1270607.21

#### (7.30.3.4) MWh consumed from non-renewable zero or near-zero emission sources inside chemical sector boundary

0

#### (7.30.3.5) Total MWh (renewable + non-renewable + MWh from recovered waste heat/gases) consumed inside chemical sector boundary

6285138.21

[Fixed row]

#### (7.30.6) Select the applications of your organization's consumption of fuel.

|                                                         | Indicate whether your organization undertakes this fuel application |
|---------------------------------------------------------|---------------------------------------------------------------------|
| Consumption of fuel for the generation of electricity   | <i>Select from:</i><br><input checked="" type="checkbox"/> No       |
| Consumption of fuel for the generation of heat          | <i>Select from:</i><br><input checked="" type="checkbox"/> Yes      |
| Consumption of fuel for the generation of steam         | <i>Select from:</i><br><input checked="" type="checkbox"/> Yes      |
| Consumption of fuel for the generation of cooling       | <i>Select from:</i><br><input checked="" type="checkbox"/> No       |
| Consumption of fuel for co-generation or tri-generation | <i>Select from:</i><br><input checked="" type="checkbox"/> No       |

[Fixed row]

**(7.30.7) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.**

**Sustainable biomass**

**(7.30.7.1) Total fuel MWh consumed by the organization**

0

**(7.30.7.3) MWh fuel consumed for self-generation of heat**

0

**(7.30.7.4) MWh fuel consumed for self-generation of steam**

0

**(7.30.7.7) Comment**

*Not applicable to AdvanSix fuel usage.*

**Other biomass**

**(7.30.7.1) Total fuel MWh consumed by the organization**

0

**(7.30.7.3) MWh fuel consumed for self-generation of heat**

0

**(7.30.7.4) MWh fuel consumed for self-generation of steam**

0

**(7.30.7.7) Comment**

*Not applicable to AdvanSix fuel usage.*

## **Other renewable fuels (e.g. renewable hydrogen)**

**(7.30.7.1) Total fuel MWh consumed by the organization**

0

**(7.30.7.3) MWh fuel consumed for self-generation of heat**

0

**(7.30.7.4) MWh fuel consumed for self-generation of steam**

0

**(7.30.7.7) Comment**

*Not applicable to AdvanSix fuel usage.*

## **Coal**

**(7.30.7.1) Total fuel MWh consumed by the organization**

0

**(7.30.7.3) MWh fuel consumed for self-generation of heat**

0

**(7.30.7.4) MWh fuel consumed for self-generation of steam**

0

**(7.30.7.7) Comment**

*Not applicable to AdvanSix fuel usage.*

## Oil

### (7.30.7.1) Total fuel MWh consumed by the organization

17702

### (7.30.7.3) MWh fuel consumed for self-generation of heat

17702

### (7.30.7.4) MWh fuel consumed for self-generation of steam

0

### (7.30.7.7) Comment

*Typically used for combustion or heat.*

## Gas

### (7.30.7.1) Total fuel MWh consumed by the organization

4404073.64

### (7.30.7.3) MWh fuel consumed for self-generation of heat

1321222.09

### (7.30.7.4) MWh fuel consumed for self-generation of steam

3082851.55

### (7.30.7.7) Comment

*Natural gas is used for both heat and steam generation.*

## **Other non-renewable fuels (e.g. non-renewable hydrogen)**

### **(7.30.7.1) Total fuel MWh consumed by the organization**

0

### **(7.30.7.3) MWh fuel consumed for self-generation of heat**

0

### **(7.30.7.4) MWh fuel consumed for self-generation of steam**

0

### **(7.30.7.7) Comment**

*Not applicable to AdvanSix fuel usage.*

## **Total fuel**

### **(7.30.7.1) Total fuel MWh consumed by the organization**

4421775.43

### **(7.30.7.3) MWh fuel consumed for self-generation of heat**

1338923.89

### **(7.30.7.4) MWh fuel consumed for self-generation of steam**

3082851.55

### **(7.30.7.7) Comment**

Calculated result.  
[Fixed row]

**(7.30.9) Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed in the reporting year.**

## **Electricity**

**(7.30.9.1) Total Gross generation (MWh)**

0

**(7.30.9.2) Generation that is consumed by the organization (MWh)**

0

**(7.30.9.3) Gross generation from renewable sources (MWh)**

0

**(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)**

0

## **Heat**

**(7.30.9.1) Total Gross generation (MWh)**

1338928.3

**(7.30.9.2) Generation that is consumed by the organization (MWh)**

1338928.3

**(7.30.9.3) Gross generation from renewable sources (MWh)**

0

**(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)**

0

## **Steam**

**(7.30.9.1) Total Gross generation (MWh)**

4353458.75

**(7.30.9.2) Generation that is consumed by the organization (MWh)**

4353458.75

**(7.30.9.3) Gross generation from renewable sources (MWh)**

0

**(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)**

0

## **Cooling**

**(7.30.9.1) Total Gross generation (MWh)**

0

**(7.30.9.2) Generation that is consumed by the organization (MWh)**

0

**(7.30.9.3) Gross generation from renewable sources (MWh)**

0

**(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)**

0

*[Fixed row]*

**(7.30.11) Provide details on electricity, heat, steam, and cooling your organization has generated and consumed for chemical production activities.**

### **Electricity**

**(7.30.11.1) Total gross generation inside chemicals sector boundary (MWh)**

0

**(7.30.11.2) Generation that is consumed inside chemicals sector boundary (MWh)**

0

**(7.30.11.3) Generation from renewable sources inside chemical sector boundary (MWh)**

0

**(7.30.11.4) Generation from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary (MWh)**

0

### **Heat**

**(7.30.11.1) Total gross generation inside chemicals sector boundary (MWh)**

1338928.3

**(7.30.11.2) Generation that is consumed inside chemicals sector boundary (MWh)**

1338928.3

**(7.30.11.3) Generation from renewable sources inside chemical sector boundary (MWh)**

0

**(7.30.11.4) Generation from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary (MWh)**

0

**Steam**

**(7.30.11.1) Total gross generation inside chemicals sector boundary (MWh)**

4353458.75

**(7.30.11.2) Generation that is consumed inside chemicals sector boundary (MWh)**

3082851.54

**(7.30.11.3) Generation from renewable sources inside chemical sector boundary (MWh)**

0

**(7.30.11.4) Generation from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary (MWh)**

1270607.21

**Cooling**

**(7.30.11.1) Total gross generation inside chemicals sector boundary (MWh)**

0

**(7.30.11.2) Generation that is consumed inside chemicals sector boundary (MWh)**

0

**(7.30.11.3) Generation from renewable sources inside chemical sector boundary (MWh)**

0

**(7.30.11.4) Generation from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary (MWh)**

0

*[Fixed row]*

**(7.30.14) Provide a breakdown by country/area of your electricity/heat/steam/cooling consumption in the reporting year.**

**United States of America**

**(7.30.14.1) Consumption of purchased electricity (MWh)**

592755.57

**(7.30.14.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.14.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.14.5) Consumption of self-generated heat, steam, and cooling (MWh)**

5692382.63

#### (7.30.14.6) Total electricity/heat/steam/cooling energy consumption (MWh)

6285138.20

[Fixed row]

#### (7.31) Does your organization consume fuels as feedstocks for chemical production activities?

Select from:

☒ Yes

#### (7.31.1) Disclose details on your organization's consumption of feedstocks for chemical production activities.

##### Row 1

#### (7.31.1.1) Fuels used as feedstocks

Select from:

☒ Natural gas

#### (7.31.1.2) Total consumption

13500

#### (7.31.1.3) Total consumption unit

Select from:

☒ million cubic feet

#### (7.31.1.4) Inherent carbon dioxide emission factor of feedstock, metric tons CO2 per consumption unit

22

#### (7.31.1.5) Heating value of feedstock, MWh per consumption unit

313.57

#### (7.31.1.6) Comment

*No additional comments.*

*[Add row]*

**(7.31.2) State the percentage, by mass, of primary resource from which your chemical feedstocks derive.**

**Oil**

#### (7.31.2.1) Percentage of total chemical feedstock (%)

70

#### (7.31.2.2) Direction of change in percentage of total chemical feedstock from previous year

*Select from:*

☒ No change

**Natural Gas**

#### (7.31.2.1) Percentage of total chemical feedstock (%)

30

#### (7.31.2.2) Direction of change in percentage of total chemical feedstock from previous year

*Select from:*

☒ No change

**Coal**

#### (7.31.2.1) Percentage of total chemical feedstock (%)

0

(7.31.2.2) Direction of change in percentage of total chemical feedstock from previous year

Select from:

☒ No change

## Biomass

(7.31.2.1) Percentage of total chemical feedstock (%)

0

(7.31.2.2) Direction of change in percentage of total chemical feedstock from previous year

Select from:

☒ No change

## Waste (non-biomass)

(7.31.2.1) Percentage of total chemical feedstock (%)

0

(7.31.2.2) Direction of change in percentage of total chemical feedstock from previous year

Select from:

☒ No change

## Fossil fuel (where coal, gas, oil cannot be distinguished)

(7.31.2.1) Percentage of total chemical feedstock (%)

0

#### (7.31.2.2) Direction of change in percentage of total chemical feedstock from previous year

Select from:

☒ No change

**Unknown source or unable to disaggregate**

#### (7.31.2.1) Percentage of total chemical feedstock (%)

0

#### (7.31.2.2) Direction of change in percentage of total chemical feedstock from previous year

Select from:

☒ No change

[Fixed row]

**(7.39) Provide details on your organization's chemical products.**

**Row 1**

#### (7.39.1) Output product

Select from:

☒ Other, please specify :Aggregate production volume

#### (7.39.2) Production (metric tons)

4118772

#### (7.39.3) Capacity (metric tons)

4772903.03

**(7.39.4) Direct emissions intensity (metric tons CO2e per metric ton of product)**

0.47

**(7.39.5) Electricity intensity (MWh per metric ton of product)**

0.14

**(7.39.6) Steam intensity (MWh per metric ton of product)**

1.06

**(7.39.7) Steam/ heat recovered (MWh per metric ton of product)**

0.31

**(7.39.8) Comment**

*Capacity is based on information shared in our annual financial report combined with engineering estimates.  
[Add row]*

**(7.45) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO2e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.**

**Row 1**

**(7.45.1) Intensity figure**

0.508

**(7.45.2) Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)**

2092743

**(7.45.3) Metric denominator**

Select from:

☒ metric ton of product

#### (7.45.4) Metric denominator: Unit total

4118772.05

#### (7.45.5) Scope 2 figure used

Select from:

☒ Location-based

#### (7.45.6) % change from previous year

1.1

#### (7.45.7) Direction of change

Select from:

☒ Decreased

#### (7.45.8) Reasons for change

Select all that apply

☒ Other emissions reduction activities

☒ Change in output

#### (7.45.9) Please explain

*Compared to the previous year our emissions increased by a small amount due and our activity volumes were also increased. This leads to a lower emissions intensity result compared to last year. Because we did account for other emission reduction efforts this also contributed to a reduced intensity with further details in 7.55.2.*

### Row 2

#### (7.45.1) Intensity figure

0.0014

#### (7.45.2) Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

2092743

#### (7.45.3) Metric denominator

Select from:

☒ unit total revenue

#### (7.45.4) Metric denominator: Unit total

1517557000

#### (7.45.5) Scope 2 figure used

Select from:

☒ Location-based

#### (7.45.6) % change from previous year

2.8

#### (7.45.7) Direction of change

Select from:

☒ Increased

#### (7.45.8) Reasons for change

Select all that apply

☒ Change in revenue

## (7.45.9) Please explain

*The revenue denominator is lower this year compared to last year. This is the largest factor in the emissions per revenue intensity result increasing.*  
[Add row]

## (7.53) Did you have an emissions target that was active in the reporting year?

Select all that apply

☒ Absolute target

### (7.53.1) Provide details of your absolute emissions targets and progress made against those targets.

#### Row 1

#### (7.53.1.1) Target reference number

Select from:

☒ Abs 1

#### (7.53.1.2) Is this a science-based target?

Select from:

☒ No, but we anticipate setting one in the next two years

#### (7.53.1.5) Date target was set

01/01/2020

#### (7.53.1.6) Target coverage

Select from:

☒ Organization-wide

#### (7.53.1.7) Greenhouse gases covered by target

*Select all that apply*

- ☒ Carbon dioxide (CO2)
- ☒ Methane (CH4)
- ☒ Nitrous oxide (N2O)
- ☒ Hydrofluorocarbons (HFCs)

#### **(7.53.1.8) Scopes**

*Select all that apply*

- ☒ Scope 1
- ☒ Scope 2

#### **(7.53.1.9) Scope 2 accounting method**

*Select from:*

- ☒ Location-based

#### **(7.53.1.11) End date of base year**

12/31/2018

#### **(7.53.1.12) Base year Scope 1 emissions covered by target (metric tons CO2e)**

2204655

#### **(7.53.1.13) Base year Scope 2 emissions covered by target (metric tons CO2e)**

203473

#### **(7.53.1.31) Base year total Scope 3 emissions covered by target (metric tons CO2e)**

0.000

#### **(7.53.1.32) Total base year emissions covered by target in all selected Scopes (metric tons CO2e)**

2408128.000

**(7.53.1.33) Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1**

100

**(7.53.1.34) Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2**

100

**(7.53.1.53) Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes**

100

**(7.53.1.54) End date of target**

12/31/2025

**(7.53.1.55) Targeted reduction from base year (%)**

10

**(7.53.1.56) Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e)**

2167315.200

**(7.53.1.57) Scope 1 emissions in reporting year covered by target (metric tons CO2e)**

1931207.281

**(7.53.1.58) Scope 2 emissions in reporting year covered by target (metric tons CO2e)**

161535.493

**(7.53.1.77) Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)**

**(7.53.1.78) Land-related emissions covered by target**

Select from:

☒ No, it does not cover any land-related emissions (e.g. non-FLAG SBT)**(7.53.1.79) % of target achieved relative to base year**

130.97

**(7.53.1.80) Target status in reporting year**

Select from:

☒ Achieved and maintained**(7.53.1.82) Explain target coverage and identify any exclusions**

*This target covers scope 1 and scope 2 corporate wide emissions within our operational control reporting boundary. There are no exclusions. The base year is recalculated when a change in calculation methods, merger/acquisition, or other event impacts our emissions calculations more than our significant threshold.*

**(7.53.1.83) Target objective**

*Our target is intended to hold ourselves accountable to maintain the emissions improvements implemented in mid 2019 when we moved away from coal energy sources, which has proved to be at least a 10% reduction year over year. This is indicated as no net increase.*

**(7.53.1.85) Target derived using a sectoral decarbonization approach**

Select from:

☒ No**(7.53.1.86) List the emissions reduction initiatives which contributed most to achieving this target**

*The largest corporate wide factor for this reduction was capital investments to switch boiler fuel from a coal-based supply to natural gas. Continuous improvements are implemented each year to reduce energy consumption and emissions to improve operational performance.*

[Add row]

**(7.54) Did you have any other climate-related targets that were active in the reporting year?**

*Select all that apply*

☒ No other climate-related targets

**(7.55) Did you have emissions reduction initiatives that were active within the reporting year? Note that this can include those in the planning and/or implementation phases.**

|  |                                                                            |
|--|----------------------------------------------------------------------------|
|  | Emissions reduction initiatives that were active within the reporting year |
|  | Select from:<br><input checked="" type="checkbox"/> Yes                    |

[Fixed row]

**(7.55.1) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO2e savings.**

|                          | Number of initiatives | Total estimated annual CO2e savings in metric tonnes CO2e |
|--------------------------|-----------------------|-----------------------------------------------------------|
| Under investigation      | 10                    | 0                                                         |
| To be implemented        | 1                     | 100                                                       |
| Implementation commenced | 1                     | 500                                                       |

|                       | Number of initiatives | Total estimated annual CO2e savings in metric tonnes CO2e                           |
|-----------------------|-----------------------|-------------------------------------------------------------------------------------|
| Implemented           | 1                     | 22946                                                                               |
| Not to be implemented | 0                     |  |

[Fixed row]

**(7.55.2) Provide details on the initiatives implemented in the reporting year in the table below.**

### Row 1

#### (7.55.2.1) Initiative category & Initiative type

Energy efficiency in production processes

☒ Process optimization

#### (7.55.2.2) Estimated annual CO<sub>2</sub>e savings (metric tonnes CO<sub>2</sub>e)

22946

#### (7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

☒ Scope 1

#### (7.55.2.4) Voluntary/Mandatory

Select from:

☒ Voluntary

#### (7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

0

#### (7.55.2.6) Investment required (unit currency – as specified in 1.2)

0

#### (7.55.2.7) Payback period

Select from:

☒ No payback

#### (7.55.2.8) Estimated lifetime of the initiative

Select from:

☒ Ongoing

#### (7.55.2.9) Comment

*These are aggregated improvements that did not result from changes in activity data and are considered continuous improvements which cover a wide array of themes, payback is not aggregated.*

*[Add row]*

### (7.55.3) What methods do you use to drive investment in emissions reduction activities?

#### Row 1

#### (7.55.3.1) Method

Select from:

☒ Financial optimization calculations

#### (7.55.3.2) Comment

No additional comments.

Row 2

(7.55.3.1) Method

Select from:  
☒ Employee engagement

(7.55.3.2) Comment

No additional comments.

Row 3

(7.55.3.1) Method

Select from:  
☒ Compliance with regulatory requirements/standards

(7.55.3.2) Comment

No additional comments.

Row 4

(7.55.3.1) Method

Select from:  
☒ Other :Ongoing evaluation of our carbon footprint

(7.55.3.2) Comment

No additional comments.  
[Add row]

**(7.73) Are you providing product level data for your organization's goods or services?**

Select from:

☒ No, I am not providing data

**(7.74) Do you classify any of your existing goods and/or services as low-carbon products?**

Select from:

☒ Yes

**(7.74.1) Provide details of your products and/or services that you classify as low-carbon products.**

**Row 1**

**(7.74.1.1) Level of aggregation**

Select from:

☒ Group of products or services

**(7.74.1.2) Taxonomy used to classify product(s) or service(s) as low-carbon**

Select from:

☒ No taxonomy used to classify product(s) or service(s) as low carbon

**(7.74.1.3) Type of product(s) or service(s)**

Chemicals and plastics

☒ Other chemicals and plastics, please specify :Recycled content materials

**(7.74.1.4) Description of product(s) or service(s)**

*We manufacture Aegis® PA6 Resins and caprolactam which are available in recycled grades. The products offer customers a way to address their sustainability goals by incorporating materials built on recycled monomers reclaimed from waste streams into their end products without compromises or trade-offs on performance. These mass balanced product grades can be considered a lower carbon product.*

#### **(7.74.1.5) Have you estimated the avoided emissions of this low-carbon product(s) or service(s)**

Select from:

☒ Yes

#### **(7.74.1.6) Methodology used to calculate avoided emissions**

Select from:

☒ Other, please specify :ISO 14040 and 14044 compliant LCA with comparative study between our virgin and recycled content products.

#### **(7.74.1.7) Life cycle stage(s) covered for the low-carbon product(s) or services(s)**

Select from:

☒ Cradle-to-gate

#### **(7.74.1.8) Functional unit used**

*kilogram*

#### **(7.74.1.9) Reference product/service or baseline scenario used**

*AdvanSix's own virgin counterpart resin*

#### **(7.74.1.10) Life cycle stage(s) covered for the reference product/service or baseline scenario**

Select from:

☒ Cradle-to-gate

#### **(7.74.1.12) Explain your calculation of avoided emissions, including any assumptions**

*We followed an attributional approach to our calculations and measured the difference in total cradle-to grave emissions between our PIR-PA6 and our traditional PA6. The LCA was conducted in conformance with ISO 14040 and ISO 14044 and the comparison between our products is available to share confidentially with key*

*stakeholders and customers. The study used a stoichiometric (or elemental) based allocation when multiple products were being produced and the recycled content cut-off approach (100:0) so recycled content is assumed to be free of burdens. The estimation of avoided emissions is based on the % reduction of GWP for the recycled content products. We do not share additional information publicly.*

*[Add row]*

**(7.79) Has your organization retired any project-based carbon credits within the reporting year?**

*Select from:*

☒ No

## C9. Environmental performance - Water security

### (9.1) Are there any exclusions from your disclosure of water-related data?

Select from:

☒ No

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

#### Water withdrawals – total volumes

##### (9.2.1) % of sites/facilities/operations

Select from:

☒ 100%

##### (9.2.2) Frequency of measurement

Select from:

☒ Continuously

##### (9.2.3) Method of measurement

*Different manufacturing facilities have different methods of measurements for water withdrawals. Most are continuously measured by a flow meter while others are calculated. Total volumes are typically the summation of more than one water flow meter as water is typically measured by source type.*

##### (9.2.4) Please explain

*For our company facilities refers to our five manufacturing sites, which are all located in the United States. Total water is a key process indicator for our manufacturing processes and also impacts cost. Total water is aggregated from each site annual to calculate a corporate wide total for water withdrawals. This result is also used to calculate water intensity. This aspect is typically reported in public disclosures annually.*

#### Water withdrawals – volumes by source

### (9.2.1) % of sites/facilities/operations

Select from:

☒ 100%

### (9.2.2) Frequency of measurement

Select from:

☒ Continuously

### (9.2.3) Method of measurement

*Different manufacturing facilities have different methods and frequency of measurements for water withdrawals. Most are continuously monitored with a flow meter while a small portion is calculated.*

### (9.2.4) Please explain

*100% of our water withdrawals are regularly measured and monitored at our manufacturing sites. Measuring withdrawals by source is a key measure for process optimization, costing, and water efficiency. Because we are able to identify volumes by source water type, we have been able to refine our water body risk assessment to assign risks by source water supply. This aspect is typically reported in public disclosures annually.*

## Water withdrawals quality

### (9.2.1) % of sites/facilities/operations

Select from:

☒ 100%

### (9.2.2) Frequency of measurement

Select from:

☒ Daily

### (9.2.3) Method of measurement

*Each site had different quality requirements and measuring frequency for water withdrawals, typically determined by source type.*

#### **(9.2.4) Please explain**

*Water withdrawals quality is measured and monitor at 100% of our manufacturing sites. Four of our manufacturing sites purchase third party water rely on the supplier to provide water that meets drinking water quality standards or may also run additional quality checks to ensure the water meets the needs of the manufacturing process. Two sites withdrawal surface water from the James River. Organic content is typically the parameter of interest for incoming river water quality, which is necessary to document in order to comply with local water regulatory permits. One site withdraws groundwater. which is sampled to ensure it meets Safe Drinking Water Act standards.*

### **Water discharges – total volumes**

#### **(9.2.1) % of sites/facilities/operations**

Select from:

☒ 100%

#### **(9.2.2) Frequency of measurement**

Select from:

☒ Continuously

#### **(9.2.3) Method of measurement**

*Our discharges are measured by flow meters and continuously monitored. Some quality parameters are also continuously monitored. Many key parameters and flows are required to be taken by our local regulatory permits. Total discharge volumes are typically the summation of more than one flow meter, as water is typically measured by destination.*

#### **(9.2.4) Please explain**

*100% of our sites monitor water discharges and totals are aggregated corporate wide annually to trend performance. Total water discharges is a key process indicator for our manufacturing processes. Discharges are typically measured to demonstrate compliance with the Clean Water Act and any local regulatory requirements. Some discharges have fees associated with quantity, so monitoring is required in order to pay for our discharge flows. This aspect is typically reported in public disclosures annually.*

### **Water discharges – volumes by destination**

### (9.2.1) % of sites/facilities/operations

Select from:

☒ 100%

### (9.2.2) Frequency of measurement

Select from:

☒ Continuously

### (9.2.3) Method of measurement

*The majority of our discharges are continuously monitored, and some parameters and flows are required by our local regulatory permits. Sanitary discharges are not measured but are considered de minimus.*

### (9.2.4) Please explain

*100% of our sites measure discharge by destination type. Our discharges corporate wide are to either surface water bodies or third-party treatment facilities. This has also helped to identify water risks by discharge type and destination. Each discharge type is permitted by a local or state authority which defines sampling requirements and may be different at each manufacturing location. Some locations have online monitoring and routine laboratory analysis for key parameters which are defined in their discharge permit. This aspect is typically reported in public disclosures annually.*

## Water discharges – volumes by treatment method

### (9.2.1) % of sites/facilities/operations

Select from:

☒ 100%

### (9.2.2) Frequency of measurement

Select from:

☒ Continuously

### (9.2.3) Method of measurement

*The majority of our discharges are tracked, and all discharge locations are known.*

#### **(9.2.4) Please explain**

*100% of our sites track water discharge volumes by treatment method. This is usually determined by discharge destination and is part of normal operations. Each site has different treatment methods prior to discharge or has known offsite discharges to treatment locations.*

### **Water discharge quality – by standard effluent parameters**

#### **(9.2.1) % of sites/facilities/operations**

*Select from:*

☒ 100%

#### **(9.2.2) Frequency of measurement**

*Select from:*

☒ Continuously

#### **(9.2.3) Method of measurement**

*Quality sampling is determined by local regulatory requirements at a minimum and may be different at each facility, some continuous and some routine. Some quality results are handled at on-site laboratories and others are handled at third party laboratories.*

#### **(9.2.4) Please explain**

*100% of our sites measure this water aspect in order to ensure our discharges are in compliance with the US EPA Clean Water Act and any site specific or local regulation. Many standard parameters are measured continuously at our sites, such as total organics, conductivity, and/or pH. Additional parameters are measured on a routine basis, typically daily. This is a very high-priority water aspect because we are required to meet all regulatory and compliance parameters associated with our water discharges in order to protect local watersheds.*

### **Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)**

#### **(9.2.1) % of sites/facilities/operations**

*Select from:*

☒ 100%

### (9.2.2) Frequency of measurement

Select from:

☒ Continuously

### (9.2.3) Method of measurement

*Monitoring is determined by local regulatory requirements as well as aligned with the Clean Water Act at a minimum and may be different at each facility, some continuous and some routine. Some quality results are handled at on-site laboratories and others are handled at third party laboratories.*

### (9.2.4) Please explain

*100% of our sites measure this water aspect in order to ensure our discharges are in compliance with the US EPA Clean Water Act and any site specific or local regulation. Ammonia based compounds, phosphates, and specific organics are monitored in our discharges. Some are monitored online and continuously and some are measured on a routine basis, typically daily, with laboratory analysis. This is a very high-priority water aspect because we are required to meet all regulatory and compliance parameters associated with our water discharges in order to protect local watersheds.*

## Water discharge quality – temperature

### (9.2.1) % of sites/facilities/operations

Select from:

☒ 100%

### (9.2.2) Frequency of measurement

Select from:

☒ Continuously

### (9.2.3) Method of measurement

*Temperature monitoring is determined by local regulatory requirements at a minimum and may be different at each facility.*

#### (9.2.4) Please explain

*100% of the sites that are required to measure and monitor discharge temperature comply with this water aspect. Temperature monitoring is typically an online continuous measurement.*

### Water consumption – total volume

#### (9.2.1) % of sites/facilities/operations

Select from:

☒ 100%

#### (9.2.2) Frequency of measurement

Select from:

☒ At least once a month

#### (9.2.3) Method of measurement

*Water consumption is calculated on a monthly or annual basis depending on the facility.*

#### (9.2.4) Please explain

*100% of our sites are monitored for water consumption. This is typically calculated based on the difference between each site's total withdrawals and total discharges. This is typically reported out annual is public disclosures.*

### Water recycled/reused

#### (9.2.1) % of sites/facilities/operations

Select from:

☒ 100%

#### (9.2.2) Frequency of measurement

Select from:

☒ Continuously

### (9.2.3) Method of measurement

*Monitoring requirements are determined by each individual recycling/reuse process and is determined at each site. Amounts are typically measured by online flow meters or determined by engineering calculations or mass balances.*

### (9.2.4) Please explain

*100% of our sites that reuse or recycle water track this water aspect. Recycling and reusing water are key aspects for cost control. Overall, we have several process manufacturing systems that recycle water internally, but we do not have any withdrawals of recycled water as a category for water.*

## The provision of fully-functioning, safely managed WASH services to all workers

### (9.2.1) % of sites/facilities/operations

Select from:

☒ 100%

### (9.2.2) Frequency of measurement

Select from:

☒ Continuously

### (9.2.3) Method of measurement

*All sites are compliant with regulations related to WASH services, such as Occupational Safety and Health Administration (OSHA) work rules.*

### (9.2.4) Please explain

*100% of our sites are compliance with WASH standards. Each site ensures access to compliant facilities. Our water body risk assessment does not reveal any WASH risks in our own operations. We also ensure our suppliers also have acceptable practices.*

*[Fixed row]*

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

### **Total withdrawals**

#### **(9.2.2.1) Volume (megaliters)**

185211.98

#### **(9.2.2.2) Comparison with previous reporting year**

Select from:

☒ About the same

#### **(9.2.2.3) Primary reason for comparison with previous reporting year**

Select from:

☒ Increase/decrease in efficiency

#### **(9.2.2.4) Five-year forecast**

Select from:

☒ About the same

#### **(9.2.2.5) Primary reason for forecast**

Select from:

☒ Increase/decrease in business activity

#### **(9.2.2.6) Please explain**

*For water withdrawals we consider any change less than 5% to be about the same, any change between 5-10% to be higher/lower than the previous year, and any change greater than 10% to be much higher/lower. While the absolute difference in water withdrawals is lower this year compared to last year, it is not a significant enough change to be considered anything other than 'about the same'. This is an indication of improved water efficiency because our activity level increased this year, but our water withdrawals did not increase. This can be attributed to increase focus on utility conservation and cost savings objectives corporate wide. Our*

*largest site has increased focused and capital expenditure on water stewardship improvements. For future trends we expect our withdrawals to remain about the same as we continue to prioritize water stewardship and smart conservation practices, even as we assess the potential for future business capacity.*

## Total discharges

### (9.2.2.1) Volume (megaliters)

176792.67

### (9.2.2.2) Comparison with previous reporting year

Select from:

☒ About the same

### (9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

☒ Increase/decrease in efficiency

### (9.2.2.4) Five-year forecast

Select from:

☒ About the same

### (9.2.2.5) Primary reason for forecast

Select from:

☒ No/minimal change in business activity

### (9.2.2.6) Please explain

*For water discharges we consider any change less than 5% to be about the same, any change between 5-10% to be higher/lower than the previous year, and any change greater than 10% to be much higher/lower. While the absolute difference in water discharges is lower this year compared to last year, it is not a significant enough change to be considered anything other than 'about the same'. Since our activity level increased compared to last year maintaining discharges about the same as last year is an indication of improved operational efficiency and increased attention on improving water discharges at our manufacturing sites. Our largest*

site has increased focused and capital expenditure on water stewardship improvements. For future trends we expect our withdrawals to remain about the same as we continue to prioritize water stewardship and smart conservation practices, even as we assess the potential for future business capacity.

## Total consumption

### (9.2.2.1) Volume (megaliters)

8419.31

### (9.2.2.2) Comparison with previous reporting year

Select from:

☒ About the same

### (9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

☒ Increase/decrease in business activity

### (9.2.2.4) Five-year forecast

Select from:

☒ About the same

### (9.2.2.5) Primary reason for forecast

Select from:

☒ Increase/decrease in business activity

### (9.2.2.6) Please explain

For consumption we would consider any change less than 10% to be about the same, any change between 10-20% to be higher/lower than the previous year, and any change greater than 20% to be much higher/lower. Consumption has different thresholds because it is comparably small quantity of our withdrawals and discharges and small deviation in these other aspects can cause a large deviation in consumption. Compared to last year our consumption was about the same. The intensity of our consumption compared to last year was also about the same. This indicates that we are consuming about the same quantities of water per production

activity volume. For future trends we expect our total consumption to remain about the same but continue to have some levels of deviation based on annual production volumes/activity.  
[Fixed row]

**(9.2.4) Indicate whether water is withdrawn from areas with water stress, provide the volume, how it compares with the previous reporting year, and how it is forecasted to change.**

**(9.2.4.1) Withdrawals are from areas with water stress**

Select from:

☒ Yes

**(9.2.4.2) Volume withdrawn from areas with water stress (megaliters)**

14031.93

**(9.2.4.3) Comparison with previous reporting year**

Select from:

☒ About the same

**(9.2.4.4) Primary reason for comparison with previous reporting year**

Select from:

☒ Increase/decrease in business activity

**(9.2.4.5) Five-year forecast**

Select from:

☒ About the same

**(9.2.4.6) Primary reason for forecast**

Select from:

☒ Increase/decrease in business activity

#### (9.2.4.7) % of total withdrawals that are withdrawn from areas with water stress

7.58

#### (9.2.4.8) Identification tool

Identification tool used

☒ WRI Aqueduct

☒ WWF Water Risk Filter

#### (9.2.4.9) Please explain

*A water body risk assessment was first used in 2022 to identify water stewardship risks and impacts at our manufacturing sites, which is typically reviewed annual as part of our sustainability disclosure process. This year's assessment is aligned with our original water body risk assessment which highlighted the risk associated with third-party water supplies sourced from the Appomattox River, which discharges into the James River. Current WWF Water Risk Filters for Water Availability do not indicate we have water withdrawal sources or discharges in areas of 'High Risk'. Two of our sites located near Richmond, VA have a third party water supply source in a 'Medium Risk' area. All of our source water is from areas with 'Low Risk' of drought. Current WRI Aqueduct Water Risk Atlas information does indicate that two of our sites near Richmond, VA (Chesterfield and Hopewell) have a 'High (40-80%)' risk for Baseline water stress source withdrawal, namely the Appomattox River. None of our sites are in areas of 'High (50-70%)' Baseline water depletion. Refining this risk with local and regional water information we have prioritized water stewardship activities at our Hopewell site since it has the largest withdrawals and discharges corporate wide and is impacted by Chesapeake Bay total maximum daily limit thresholds enacted by the Virginia Department of Environmental Quality.*

[Fixed row]

#### (9.2.7) Provide total water withdrawal data by source.

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

#### (9.2.7.1) Relevance

Select from:

☒ Relevant

### (9.2.7.2) Volume (megaliters)

167389

### (9.2.7.3) Comparison with previous reporting year

Select from:

☒ About the same

### (9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

☒ Increase/decrease in business activity

### (9.2.7.5) Please explain

*For water withdrawals we consider any change less than 5% to be about the same, any change between 5-10% to be higher/lower than the previous year, and any change greater than 10% to be much higher/lower. Surface water withdrawals is our largest withdrawal category corporate wide and makes up approximately 90% of our total withdrawals. Two of our sites withdraw fresh surface water from the James River. It is directly measured upon return to the river. Our other three sites do not withdraw surface water. Compared to last year our surface water withdrawals were lower than the previous year but were less than 5% lower so we consider them to be 'about the same'. We expect withdrawals to continue to remain about the same. This category tends to vary based on business activity volumes and river temperatures.*

## Brackish surface water/Seawater

### (9.2.7.1) Relevance

Select from:

☒ Not relevant

### (9.2.7.5) Please explain

*This is not relevant because we do not have brackish surface water withdrawals. We only use fresh water or groundwater sources. We have not used this water in prior years and do not expect to use it in future years.*

## Groundwater – renewable

#### (9.2.7.1) Relevance

Select from:

☒ Relevant

#### (9.2.7.2) Volume (megaliters)

768

#### (9.2.7.3) Comparison with previous reporting year

Select from:

☒ About the same

#### (9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

☒ No/minimal change in business activity

#### (9.2.7.5) Please explain

*For water withdrawals we consider any change less than 5% to be about the same, any change between 5-10% to be higher/lower than the previous year, and any change greater than 10% to be much higher/lower. Compared to last year this volume is considered to be the same. We do not expect this category to change much year over year because the equipment operates at the maximum amount of water withdrawals.*

### Groundwater – non-renewable

#### (9.2.7.1) Relevance

Select from:

☒ Not relevant

#### (9.2.7.5) Please explain

*This is not relevant because we do not have any groundwater withdrawals for this category. We have not used this water in prior years and do not expect to use it in future years.*

## Produced/Entrained water

### (9.2.7.1) Relevance

Select from:

☒ Not relevant

### (9.2.7.5) Please explain

*This is not relevant to our manufacturing locations as we do not produce water. We have not used this water in prior years and do not expect to use it in future years.*

## Third party sources

### (9.2.7.1) Relevance

Select from:

☒ Relevant

### (9.2.7.2) Volume (megaliters)

17055

### (9.2.7.3) Comparison with previous reporting year

Select from:

☒ About the same

### (9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

☒ Increase/decrease in business activity

### (9.2.7.5) Please explain

*For water withdrawals we consider any change less than 5% to be about the same, any change between 5-10% to be higher/lower than the previous year, and any change greater than 10% to be much higher/lower. This category of water withdrawals is directly measured with the third-party provider typically overseeing or owning the meter and generating billing invoices. It is typically used for boiler and cooling tower make up water as well as ancillary usage at each site and is mostly impacted by business activity volumes. Compared to last year our third-party water withdrawals were higher than the previous year but were less than a 5% threshold so we consider them to be 'about the same'. We expect these withdrawals to continue to remain 'about the same'.*

[Fixed row]

### (9.2.8) Provide total water discharge data by destination.

#### Fresh surface water

#### (9.2.8.1) Relevance

Select from:

☒ Relevant

#### (9.2.8.2) Volume (megaliters)

167645.67

#### (9.2.8.3) Comparison with previous reporting year

Select from:

☒ About the same

#### (9.2.8.4) Primary reason for comparison with previous reporting year

Select from:

☒ Increase/decrease in efficiency

#### (9.2.8.5) Please explain

*For water discharge we consider any change less than 5% to be about the same, any change between 5-10% to be higher/lower than the previous year, and any change greater than 10% to be much higher/lower. Surface water discharge is our largest category corporate wide at approximately 95% of our total discharges. Two of our sites discharge to the James River which is the majority of our discharges. One site discharges into the Mobile River. Discharge flows are directly monitored. Our other three sites do not discharge to surface water. Compared to last year our surface water discharges were lower than the previous year but were less than 5% lower so we consider them to be 'about the same'. This is likely due to increased efficiency as had higher business activity compared to the prior year. We expect discharges to continue to remain about the same even we work to implement water stewardship improvements at our Hopewell site.*

## **Brackish surface water/seawater**

### **(9.2.8.1) Relevance**

*Select from:*

☒ Not relevant

### **(9.2.8.5) Please explain**

*This is not relevant to our manufacturing locations as we do not have water discharges to brackish surface water or seawater. This is not applicable.*

## **Groundwater**

### **(9.2.8.1) Relevance**

*Select from:*

☒ Not relevant

### **(9.2.8.5) Please explain**

*This is not relevant to our manufacturing locations as we do not have water discharges groundwater. This is not applicable.*

## **Third-party destinations**

### **(9.2.8.1) Relevance**

*Select from:*

☒ Relevant

### (9.2.8.2) Volume (megaliters)

9147

### (9.2.8.3) Comparison with previous reporting year

Select from:

☒ About the same

### (9.2.8.4) Primary reason for comparison with previous reporting year

Select from:

☒ Increase/decrease in efficiency

### (9.2.8.5) Please explain

*For water discharges we consider any change less than 5% to be about the same, any change between 5-10% to be higher/lower than the previous year, and any change greater than 10% to be much higher/lower. This category of water discharge is typically directly measured and tracked as part of monthly regulatory required discharge monitoring reporting. The majority of our third-party discharges ultimately end up being discharged to nearby surface water bodies. Compared to last year our third-party water discharges were lower than the previous year but were less than a 5% threshold so we consider them to be 'about the same'. This is likely due to increased efficiency and efforts to improve discharges at our manufacturing sites. We expect these discharges to continue to remain 'about the same'.*

*[Fixed row]*

**(9.2.9) Indicate the highest level to which your wastewater is treated (either by your organization or a third party) before being discharged to the environment.**

**Quaternary treatment**

### (9.2.9.1) Volume (megaliters)

0

### (9.2.9.6) Please explain

*We do not have any discharges that are treated to this level. This does not apply for our discharges.*

## Tertiary treatment

### (9.2.9.1) Volume (megaliters)

9147

### (9.2.9.2) Comparison of treated volume with previous reporting year

Select from:

☒ About the same

### (9.2.9.3) Primary reason for comparison with previous reporting year

Select from:

☒ Increase/decrease in efficiency

### (9.2.9.4) % of discharge volume treated in compliance with local regulatory standards

Select from:

☒ 100

### (9.2.9.5) Factors considered in determining appropriate treatment level beyond local regulatory standards

Select all that apply

☒ No other factors considered

### (9.2.9.6) Please explain

*For water discharge we consider any change less than 5% to be about the same, any change between 5-10% to be higher than the previous year, and any change greater than 10% to be much higher. Last year's discharges to tertiary treatment were 9,457 so this year was 310 megaliters lower. We classify this as 'about the same' since it is less than a 5% change. We expect future years to remain about the same as we do not have definite plans to change our site operations. We have one location that has onsite tertiary treatment before release to a local river. Four sites have discharges to third party municipal treatment which we classified as tertiary treatment. These discharges are then returned to a local surface water bodies after treatment. The Clean Water Act regulations applies to these discharges. These discharges are monitored for quantity and quality.*

## Secondary treatment

### (9.2.9.1) Volume (megaliters)

0

### (9.2.9.6) Please explain

*We do not have any discharges that are treated to this level. This does not apply for our discharges.*

## Primary treatment only

### (9.2.9.1) Volume (megaliters)

0

### (9.2.9.6) Please explain

*We do not have any discharges that are treated to this level. This does not apply for our discharges.*

## No treatment

### (9.2.9.1) Volume (megaliters)

167646

### (9.2.9.2) Comparison of treated volume with previous reporting year

Select from:

☒ About the same

### (9.2.9.3) Primary reason for comparison with previous reporting year

Select from:

☒ Increase/decrease in efficiency

#### (9.2.9.4) % of discharge volume treated in compliance with local regulatory standards

Select from:

☒ 100

#### (9.2.9.6) Please explain

*For water discharge we consider any change less than 5% to be about the same, any change between 5-10% to be higher than the previous year, and any change greater than 10% to be much higher. Last year's untreated discharges were 170,633 so this year was 2,987 megaliters lower. We classify this as 'about the same' since it is less than a 5% change. This volume typically changes with business activity and river water temperatures but in general we expect future years to remain about the same as we do not have definite plans to change our site operations. The Clean Water Act regulation applies to these discharges along with the Chesapeake Bay TDML limits. We monitor these discharges for quantity and quality. Approximately 95% of our discharges are from cooling equipment using river water into the James River across our Chesterfield and Hopewell, Virginia locations. The majority of the usage is non-contact cooling, which does not come in contact with our manufacturing process. A smaller portion is designed contact cooling at our Hopewell location.*

Unknown

#### (9.2.9.1) Volume (megaliters)

0

#### (9.2.9.6) Please explain

*We do not have any discharges that are unknown. The destination of our discharges are known and monitored.*  
*[Fixed row]*

**(9.2.10) Provide details of your organization's emissions of nitrates, phosphates, pesticides, and other priority substances to water in the reporting year.**

#### (9.2.10.1) Emissions to water in the reporting year (metric tons)

412244

### (9.2.10.2) Categories of substances included

Select all that apply

☒ Nitrates

☒ Phosphates

### (9.2.10.4) Please explain

*Nutrient load is defined as the total discharges of nitrogen, phosphate, and organics into the James River. Each parameter is defined as net total organic load, gross nitrogen load, and gross phosphate load into the James River from discharges directly from the site. This aligns with regulatory reporting. Data is compiled as part of our monthly regulatory required water discharge monitoring reports (DMR). The nutrients are emitted from caprolactam and ammonium sulfate manufacturing operations. Phosphate is typically from cooling tower treatment protocols.*

*[Fixed row]*

## (9.3) In your direct operations and upstream value chain, what is the number of facilities where you have identified substantive water-related dependencies, impacts, risks, and opportunities?

### Direct operations

#### (9.3.1) Identification of facilities in the value chain stage

Select from:

☒ Yes, we have assessed this value chain stage and identified facilities with substantive water-related dependencies, impacts, risks, and opportunities

#### (9.3.2) Total number of facilities identified

1

#### (9.3.3) % of facilities in direct operations that this represents

Select from:

☒ 1-25

#### (9.3.4) Please explain

Our water body risk assessment identified potential risks related to the municipal water supply being sourced from a local watershed (Appomattox River) that is at future risk for being stressed, which is applicable to both our Chesterfield and Hopewell VA locations. Our Hopewell, VA location also has potential water related regulatory risks that could be substantive. Because of this, our Hopewell, VA location has been a focus of our corporate wide water stewardship strategy.

Upstream value chain

(9.3.1) Identification of facilities in the value chain stage

Select from:

☒ No, we have assessed this value chain stage but did not identify any facilities with substantive water-related dependencies, impacts, risks, and opportunities

(9.3.4) Please explain

Based on our water body risk assessment combined with our climate risk assessment we did not identify substantial risk in our upstream supply chain related to water themes.  
[Fixed row]

(9.3.1) For each facility referenced in 9.3, provide coordinates, water accounting data, and a comparison with the previous reporting year.

Row 1

(9.3.1.1) Facility reference number

Select from:

☒ Facility 1

(9.3.1.2) Facility name (optional)

Hopewell

(9.3.1.3) Value chain stage

Select from:

☒ Direct operations

#### (9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

☒ Dependencies

☒ Risks

#### (9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☒ Yes, withdrawals and discharges

#### (9.3.1.7) Country/Area & River basin

United States of America

☒ James River

#### (9.3.1.8) Latitude

37.298781

#### (9.3.1.9) Longitude

77.272453

#### (9.3.1.10) Located in area with water stress

Select from:

☒ Yes

#### (9.3.1.13) Total water withdrawals at this facility (megaliters)

161921

**(9.3.1.14) Comparison of total withdrawals with previous reporting year**

Select from:

☒ About the same

**(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

148333

**(9.3.1.16) Withdrawals from brackish surface water/seawater**

0

**(9.3.1.17) Withdrawals from groundwater - renewable**

0

**(9.3.1.18) Withdrawals from groundwater - non-renewable**

0

**(9.3.1.19) Withdrawals from produced/entrained water**

0

**(9.3.1.20) Withdrawals from third party sources**

13589

**(9.3.1.21) Total water discharges at this facility (megaliters)**

156291

**(9.3.1.22) Comparison of total discharges with previous reporting year**

Select from:

☒ About the same

#### (9.3.1.23) Discharges to fresh surface water

148333

#### (9.3.1.24) Discharges to brackish surface water/seawater

0

#### (9.3.1.25) Discharges to groundwater

0

#### (9.3.1.26) Discharges to third party destinations

7958

#### (9.3.1.27) Total water consumption at this facility (megaliters)

5630

#### (9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☒ About the same

#### (9.3.1.29) Please explain

*For water withdrawals and discharges we consider any change less than 5% to be about the same, any change between 5-10% to be higher/lower than the previous year, and any change greater than 10% to be much higher/lower. Last year's withdrawals were 162,884 which is a decrease of 963 megaliters. Discharges last year were 1578,652 which is a decrease of 1,360 megaliters. Both categories we classify as 'about the same' as last year. Since water consumption is a comparatively small numerator we define about the same to be less than 10%, higher to be 10-20%, and much higher to be above 20% change. Consumption is calculated by subtracting the discharge volume from the withdrawal volume. Last year consumption was 5,233 so this year was increased by 398 megaliters, which we consider to be 'about the same'. For this site water withdrawals typically trends with business activity volumes as well as river water temperatures. This site is a priority for water*

stewardship based on our water body risk assessment as well as our climate change risk assessment due to the municipal water being sourced from the Appomattox River as well as regulatory pressure. We have significant capital investment at this site to improve the water discharges as well as to complete scientific studies related to defining the scope of future investments.

[Add row]

## **(9.3.2) For the facilities in your direct operations referenced in 9.3.1, what proportion of water accounting data has been third party verified?**

### **Water withdrawals – total volumes**

#### **(9.3.2.1) % verified**

Select from:

☒ 76-100

#### **(9.3.2.2) Verification standard used**

Select all that apply

☒ ISAE 3000

### **Water withdrawals – volume by source**

#### **(9.3.2.1) % verified**

Select from:

☒ Not verified

#### **(9.3.2.3) Please explain**

*This is a sub-category of the total water and is inherently included as underlying data with the analytical review process during the audit of the total withdrawal category, so we do not feel it is high risk metric to include in our third-party assurance statement.*

### **Water withdrawals – quality by standard water quality parameters**

### (9.3.2.1) % verified

Select from:

☒ Not verified

### (9.3.2.3) Please explain

*We do not include this in our third-party verification scope because it is regulatory required data and typically has third party oversight from our regulatory agencies. We do not feel this is a high-risk metric that requires assurance.*

## Water discharges – total volumes

### (9.3.2.1) % verified

Select from:

☒ 76-100

### (9.3.2.2) Verification standard used

Select all that apply

☒ ISAE 3000

## Water discharges – volume by destination

### (9.3.2.1) % verified

Select from:

☒ Not verified

### (9.3.2.3) Please explain

*This is a sub-category of the total water discharge and is inherently included as underlying data with the analytical review process during the audit of total discharges. Because of this we do not feel it is high risk metric to include in our third-party assurance statement.*

## Water discharges – volume by final treatment level

### (9.3.2.1) % verified

Select from:

☒ Not verified

### (9.3.2.3) Please explain

*This is a sub-category of the total water discharge and is inherently included as underlying data with the analytical review process during the audit of total discharges. Because of this we do not feel it is high risk metric to include in our third-party assurance statement.*

## Water discharges – quality by standard water quality parameters

### (9.3.2.1) % verified

Select from:

☒ Not verified

### (9.3.2.3) Please explain

*We do not include this in our third-party verification scope because it is regulatory required data and typically has third party oversight from our regulatory agencies and sample analysis is completed by a certified laboratory. We do not feel this is a high-risk metric that required assurance.*

## Water consumption – total volume

### (9.3.2.1) % verified

Select from:

☒ 76-100

### (9.3.2.2) Verification standard used

Select all that apply

☒ ISAE 3000

[Fixed row]

**(9.4) Could any of your facilities reported in 9.3.1 have an impact on a requesting CDP supply chain member?**

Select from:

☒ No, CDP supply chain members do not buy goods or services from facilities listed in 9.3.1

**(9.5) Provide a figure for your organization’s total water withdrawal efficiency.**

**(9.5.1) Revenue (currency)**

1522233000

**(9.5.2) Total water withdrawal efficiency**

8218.87

**(9.5.3) Anticipated forward trend**

*We expect the forward trend to remain about the same as most of our operations have fixed equipment. This result will fluctuate year to year since revenue is the denominator and will vary even if water withdrawals remain the same.*  
[Fixed row]

**(9.6) Do you calculate water intensity for your activities in the chemical sector?**

Select from:

☒ Yes

**(9.6.1) For your top five products by production weight/volume, provide the following water intensity information associated with your activities in the chemical sector.**

Row 1

**(9.6.1.1) Product type**

Other chemicals

☒ Specialty organic chemicals

#### (9.6.1.2) Product name

*Total aggregated production volume in metric tons*

#### (9.6.1.3) Water intensity value (m3/denominator)

44.97

#### (9.6.1.4) Numerator: water aspect

*Select from:*

☒ Total water withdrawals

#### (9.6.1.5) Denominator

*Select from:*

☒ Ton

#### (9.6.1.6) Comparison with previous reporting year

*Select from:*

☒ About the same

#### (9.6.1.7) Five-year forecast

*Select from:*

☒ About the same

#### (9.6.1.8) Use of the metric within the organization

*Select all that apply*

- ☒ Monitor progress against targets
- ☒ Reduce impact on water resources
- ☒ Reference for future water targets and business planning

#### (9.6.1.9) Please explain

*Choice of Numerator: Our numerator is total company-wide water withdrawals in cubic meters and the same result provided in 9.2.2. Choice of Denominator: Our denominator is in metric tonnes of total aggregated production volume across all five manufacturing sites, which includes intermediates and sales products. We measure intensity as an aggregate of company-wide production results because this normalized water efficiency based on production activity. The denominator also aligns with our energy and climate intensity denominator. Definition of Change Threshold: We would consider anything less than a 5% change to be about the same, and any change between 5 - 10% to be higher/lower than the previous year, above a 10% change we would classify as much lower/higher. Explanation of Trend: Last year's water efficiency was 46.9, which is a 4% decrease, which we classify as 'about the same'. Because our production volume was higher this year compared to last year our water intensity did improve this year, we would have expected an increase. Anticipated Future Trends: Over the next five years we expect our water intensity metric to likely stay the same as we implement continuous improvements to reduce water usage and costs. Reduce Water Intensity: We will be evaluating our water intensity as we consider potential future investments in our fertilizer and ammonia platforms. How metrics are used internally: We calculate corporate wide water intensity as part of the roll up for annual sustainability metrics. Each year the annual result is compared to prior years back to 2015 to evaluate the trend of water usage and to evaluate if it is a positive or negative trend. On a more routine basis, water usage is tracked at manufacturing sites, typically on a continuous or daily basis, as it is an important parameter for our manufacturing processes. Water usage is also tracked and escalated when abnormal usage occurs as part of routine utility tracking programs.*

[Add row]

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

#### Row 1

#### (9.12.3) Numerator: Water aspect

Select from:

- ☒ Water withdrawn

#### (9.12.4) Denominator

kilograms

#### (9.12.5) Comment

We have life cycle assessment (TRACI) metrics available for BWC (blue water consumption) but do not currently share via public disclosure platforms. Instead, we share directly with customers under confidentiality agreements.

[Add row]

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

|  |                                                        |                        |
|--|--------------------------------------------------------|------------------------|
|  | Products contain hazardous substances                  | Comment                |
|  | Select from:<br><input checked="" type="checkbox"/> No | No additional comments |

[Fixed row]

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

(9.14.1) Products and/or services classified as low water impact

Select from:

☒ No, but we plan to address this within the next two years

(9.14.6) Primary reason for not classifying any of your current products and/or services as low water impact

Select from:

☒ Not an immediate strategic priority

(9.14.7) Please explain

We have blue water consumption (BWC) TRACI metric data for most of our products, however we have not yet investigated this topic or completed any benchmarking or framework/certification activities to determine if any of our products might be considered low water impact and if there is a benefit.

[Fixed row]

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

|                                                | Target set in this category                                                                             | Science-based target set in this target category according to SBTN guidance                         |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Water pollution                                | Select from:<br><input checked="" type="checkbox"/> Yes                                                 | Select from:<br><input checked="" type="checkbox"/> No, and we do not plan to in the next two years |
| Water withdrawals                              | Select from:<br><input checked="" type="checkbox"/> Yes                                                 | Select from:<br><input checked="" type="checkbox"/> No, and we do not plan to in the next two years |
| Water, Sanitation, and Hygiene (WASH) services | Select from:<br><input checked="" type="checkbox"/> Yes                                                 |                  |
| Other                                          | Select from:<br><input checked="" type="checkbox"/> No, and we do not plan to within the next two years |                  |

[Fixed row]

**(9.15.1) Provide details of your water-related targets and the progress made.**

**Row 1**

**(9.15.1.1) Target reference number**

Select from:

☒ Water target 1

**(9.15.1.2) Target coverage**

Select from:

☒ Organization-wide (direct operations only)

### (9.15.1.3) Category of target & Quantitative metric

Water withdrawals

☒ Reduction in total water withdrawals

### (9.15.1.4) Date target was set

01/01/2019

### (9.15.1.5) End date of base year

12/31/2024

### (9.15.1.6) Base year figure

187896.93

### (9.15.1.7) End date of target year

12/31/2025

### (9.15.1.8) Target year figure

185212

### (9.15.1.9) Reporting year figure

185212

### (9.15.1.10) Target status in reporting year

Select from:

☒ Underway

#### (9.15.1.11) % of target achieved relative to base year

100

#### (9.15.1.12) Global environmental treaties/initiatives/frameworks aligned with or supported by this target

Global environmental treaties/initiatives/frameworks aligned with or supported by this target

☒ Sustainable Development Goal 6

#### (9.15.1.13) Explain target coverage and identify any exclusions

*This target covers our entire organization with a goal of no net increase in water consumption.*

#### (9.15.1.14) Plan for achieving target, and progress made to the end of the reporting year

*We are evaluating our data to identify potential areas of improvement and projects to focus on to reduce our water withdrawals. As we implement our capital project plan in alignment with our water stewardship strategy, we will be looking to identify opportunities to reduce water withdrawals and consumption.*

#### (9.15.1.16) Is this a science-based target according to SBTN?

Select from:

☒ No

#### (9.15.1.18) Further details of target

*Results are in megaliters. We are committed to conserving water, protecting local water sources and adhering to stringent environmental regulations. Our objective is to minimize our negative impacts, with consideration to the quantity of our withdrawals, the quality of the discharges from our sites, and from the use of our Plant Nutrients products. Our understanding of our impacts continues to evolve year over year as we evaluate our results and metrics against our activities. This is a year over year goal/target with respect to our results in 2015. This year we achieved results that were lower than the prior year and also below our baseline year.*

### Row 3

#### (9.15.1.1) Target reference number

Select from:

☒ Water target 3

### (9.15.1.2) Target coverage

Select from:

☒ Basin level

### (9.15.1.3) Category of target & Quantitative metric

Water pollution

☒ Reduction in concentration of pollutants

### (9.15.1.4) Date target was set

01/01/2024

### (9.15.1.5) End date of base year

12/31/2019

### (9.15.1.6) Base year figure

100

### (9.15.1.7) End date of target year

12/31/2030

### (9.15.1.8) Target year figure

0

### (9.15.1.9) Reporting year figure

**(9.15.1.10) Target status in reporting year**

Select from:

☒ Underway**(9.15.1.11) % of target achieved relative to base year**

67

**(9.15.1.12) Global environmental treaties/initiatives/frameworks aligned with or supported by this target**

Global environmental treaties/initiatives/frameworks aligned with or supported by this target

☒ Sustainable Development Goal 6**(9.15.1.13) Explain target coverage and identify any exclusions**

*This target is applicable to our water stewardship efforts related to our Hopewell, VA facility as part of the Chesapeake Bay TDML and is aligned with commitments to regulatory compliance related to pollutant targets in stormwater discharges to support loading reductions in the James River. The metrics listed are in percent of the target established by our water permit and aligned with this year's regulatory report.*

**(9.15.1.14) Plan for achieving target, and progress made to the end of the reporting year**

*AdvanSix has significant capital investment for water improvements to support robust stormwater management to reduce nutrient discharges into the James River at our Hopewell site. Stormwater upgrades are currently under construction and are expected to be completed in 2027 to further reduce our nutrient discharges into the James River. In the meantime, AdvanSix has been continuously making improvements to our discharges by continued implementation of enhanced daily inspections and housekeeping programs as well as adaptive management programs to reduce ammonia content in our discharges. We are on track to meet this target.*

**(9.15.1.16) Is this a science-based target according to SBTN?**

Select from:

☒ No**(9.15.1.18) Further details of target**

Results are in megaliters. We are committed to conserving water, protecting local water sources and adhering to stringent environmental regulations. Our objective is to minimize our negative impacts, with consideration to the quantity of our withdrawals, the quality of the discharges from our sites, and from the use of our Plant Nutrients products. Our understanding of our impacts continues to evolve year over year as we evaluate our results and metrics against our activities. We expect to continue to make progress to reduce nutrient loading to the James River and have implement an investment strategy to ensure we achieve these results by 2030.

## Row 4

### (9.15.1.1) Target reference number

Select from:

☒ Water target 2

### (9.15.1.2) Target coverage

Select from:

☒ Organization-wide (including entire value chain)

### (9.15.1.3) Category of target & Quantitative metric

Water, Sanitation, and Hygiene (WASH) services

☒ Other WASH, please specify :Business Code of Conduct Adherence

### (9.15.1.4) Date target was set

01/01/2017

### (9.15.1.5) End date of base year

12/31/2017

### (9.15.1.6) Base year figure

0

### (9.15.1.7) End date of target year

#### (9.15.1.8) Target year figure

0

#### (9.15.1.9) Reporting year figure

0

#### (9.15.1.10) Target status in reporting year

Select from:

☒ Achieved and maintained

#### (9.15.1.12) Global environmental treaties/initiatives/frameworks aligned with or supported by this target

Global environmental treaties/initiatives/frameworks aligned with or supported by this target

☒ Sustainable Development Goal 6

#### (9.15.1.13) Explain target coverage and identify any exclusions

*This target covers our entire organization and also applies to our suppliers. Our operational sites are all located in the US and facilities comply with drinking water regulations as well as OSHA required workplace WASH facilities. We expect the same compliance practices from our suppliers. All sites have proper sanitation and safely manage services as part of regulatory compliance activities, with no exclusions. In addition, this is supported by our Human Rights Policy.*

#### (9.15.1.15) Actions which contributed most to achieving or maintaining this target

*WASH services are part of basic practices in the United States as part of OSHA's regulatory statutes and covered by our regulatory compliance commitments. Access to sanitary services is available at all of our locations. Based on the WWF Risk Filter for 'Access to Safe Drinking Water' and 'Access to Sanitation' in all of the regions/communities in which we operate are listed as 'Very Low' risk levels.*

#### (9.15.1.18) Further details of target

*This is a yearly goal that is long-standing. This target is part of our goal of 100% regulatory compliance as part of our Code of Business Conduct program and Responsible Care program. We are not aware of any non-compliances related to WASH at any of our sites.*  
*[Add row]*

## C11. Environmental performance - Biodiversity

### (11.2) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?

|  |                                                                                                                                                                                  |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Actions taken in the reporting period to progress your biodiversity-related commitments                                                                                          |
|  | Select from:<br><input checked="" type="checkbox"/> No, we are not taking any actions to progress our biodiversity-related commitments, but we plan to within the next two years |

[Fixed row]

### (11.3) Does your organization use biodiversity indicators to monitor performance across its activities?

|  |                                                                                                                         |
|--|-------------------------------------------------------------------------------------------------------------------------|
|  | Does your organization use indicators to monitor biodiversity performance?                                              |
|  | Select from:<br><input checked="" type="checkbox"/> No, we do not use indicators, but plan to within the next two years |

[Fixed row]

### (11.4) Does your organization have activities located in or near to areas important for biodiversity in the reporting year?

|                                        | Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity | Comment                        |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Legally protected areas                | <i>Select from:</i><br><input checked="" type="checkbox"/> No                                                                 | <i>No additional comments.</i> |
| UNESCO World Heritage sites            | <i>Select from:</i><br><input checked="" type="checkbox"/> No                                                                 | <i>No additional comments.</i> |
| UNESCO Man and the Biosphere Reserves  | <i>Select from:</i><br><input checked="" type="checkbox"/> No                                                                 | <i>No additional comments.</i> |
| Ramsar sites                           | <i>Select from:</i><br><input checked="" type="checkbox"/> No                                                                 | <i>No additional comments.</i> |
| Key Biodiversity Areas                 | <i>Select from:</i><br><input checked="" type="checkbox"/> Not assessed                                                       | <i>No additional comments.</i> |
| Other areas important for biodiversity | <i>Select from:</i><br><input checked="" type="checkbox"/> Not assessed                                                       | <i>No additional comments.</i> |

[Fixed row]

C13. Further information & sign off

(13.1) Indicate if any environmental information included in your CDP response (not already reported in 7.9.1/2/3, 8.9.1/2/3/4, and 9.3.2) is verified and/or assured by a third party?

|  |                                                                                                           |
|--|-----------------------------------------------------------------------------------------------------------|
|  | Other environmental information included in your CDP response is verified and/or assured by a third party |
|  | Select from:<br><input checked="" type="checkbox"/> Yes                                                   |

[Fixed row]

(13.1.1) Which data points within your CDP response are verified and/or assured by a third party, and which standards were used?

Row 1

(13.1.1.1) Environmental issue for which data has been verified and/or assured

Select all that apply

- ☒ Climate change
- ☒ Water

(13.1.1.2) Disclosure module and data verified and/or assured

Environmental performance – Water security

- ☒ Water consumption– total volume
- ☒ Water discharges– total volumes

☒ Water withdrawals– total volumes

**(13.1.1.3) Verification/assurance standard**

General standards

☒ ISAE 3000

**(13.1.1.4) Further details of the third-party verification/assurance process**

*These metrics are in scope for an annual limited assurance engagement in conjunction with our sustainability report, which covers 100% of our operational boundary. Refer to pages 62-64.*

**(13.1.1.5) Attach verification/assurance evidence/report (optional)**

*2025-AdvanSix-Sustainability-Report-Print-Ready.pdf*  
*[Add row]*

**(13.3) Provide the following information for the person that has signed off (approved) your CDP response.**

**(13.3.1) Job title**

*Senior Vice President and General Counsel*

**(13.3.2) Corresponding job category**

Select from:  
☒ General Counsel  
*[Fixed row]*

**(13.4) Please indicate your consent for CDP to share contact details with the Pacific Institute to support content for its Water Action Hub to facilitate collective action in priority basins.**

*Select from:*

☒ No

