



Water 2015 Information Request Amgen, Inc.

Module: Introduction

Page: W0. Introduction

W0.1

Introduction

Please give a general description and introduction to your organization.

Amgen discovers, develops, manufactures, and delivers innovative human therapeutics. A biotechnology pioneer since 1980, Amgen was one of the first companies to realize the new science's promise by bringing safe, effective medicines from lab to manufacturing plant to patient. Amgen therapeutics have changed the practice of medicine, helping people around the world in the fight against serious illnesses. With a deep and broad pipeline of potential new medicines, Amgen remains committed to advancing science to dramatically improve people's lives. For more information, visit www.amgen.com and follow us on [www.twitter.com/amgen](https://twitter.com/amgen).

This response contains forward-looking statements that are based on management's current expectations and beliefs and are subject to a number of risks, uncertainties, and assumptions that could cause actual results to differ materially from those described. All statements, other than statements of historical fact, are statements that could be deemed forward-looking statements, including estimates of revenues, operating margins, capital expenditures, cash, other financial metrics, expected legal, arbitration, political, regulatory, or clinical results, and other such estimates and results. Forward-looking statements involve significant risks and uncertainties, including those discussed below and more fully described in the Securities and Exchange Commission (SEC) reports filed by Amgen, including Amgen's most recent annual report on Form 10-K and most recent periodic reports on Form 10-Q and Form 8-K. Please refer to Amgen's most recent Forms 10-K, 10-Q, and 8-K for additional information on the uncertainties and risk factors related to our business. Unless noted otherwise, Amgen is providing this information as of June, 2014 and expressly disclaims any duty to update information contained in this response. No forward-looking statement can be guaranteed and actual results may differ materially from those we project. The Company's results may be affected by our ability to successfully market both new and existing products domestically and internationally, sales growth of recently launched products, difficulties or delays in manufacturing our products, and regulatory developments (domestic or foreign) involving current and future products and manufacturing facilities. In addition, sales of our products are affected by reimbursement policies imposed by third-party payers, including governments, private insurance plans, and managed care providers, and may be affected by domestic and international trends toward managed care and health care cost containment as well as US legislation affecting pharmaceutical pricing and reimbursement. Government regulations and reimbursement policies may affect the development, usage, and pricing of our products. Pursuant to our agreement to provide this response, the information contained herein shall not be made available publicly or to any third parties except for the sole purpose of being aggregated with responses from other companies in such a way as to no longer be attributable to Amgen. A number of questions in this Information Request require us to select from a list of several multiple choice responses. In each such case, the multiple choice response we have selected is qualified in its entirety by the more detailed narrative explanation we have provided.

W0.2

Reporting year

Please state the start and end date of the year for which you are reporting data.

Period for which data is reported

Wed 01 Jan 2014 - Wed 31 Dec 2014

W0.3**Reporting boundary**

Please indicate the category that describes the reporting boundary for companies, entities, or groups for which water-related impacts are reported.

Companies, entities or groups over which operational control is exercised

W0.4**Exclusions**

Are there any geographies, facilities or types of water inputs/outputs within this boundary which are not included in your disclosure?

Yes

W0.4a**Exclusions**

Please report the exclusions in the following table

Exclusion	Please explain why you have made the exclusion
Water use at small sales offices is excluded.	The scope of our data collection is our fifteen manufacturing, research and development, and distribution facilities in the U.S. (including Puerto Rico), Netherlands, U.K., Ireland and Canada. These facilities account for 94 percent of our operations based on square footage. Typically, small sales offices are leased and are not under our operational control. Recent acquisitions that have not completed the integration process are not included.

Further Information**Module: Current State****Page: W1. Context****W1.1**

Please rate the importance (current and future) of water quality and water quantity to the success of your organization

Water quality and quantity	Direct use importance rating	Indirect use importance rating	Please explain
Sufficient amounts of good quality freshwater available for use	Vital for operations	Important	As a raw material, water is vital for manufacturing our medicines. We respect water as a resource that is essential to our communities and to Amgen's business of discovering, developing, and manufacturing innovative medicines.

Water quality and quantity	Direct use importance rating	Indirect use importance rating	Please explain
Sufficient amounts of recycled, brackish and/or produced water available for use	Important	Have not evaluated	We use recycled water at our facilities, and this allows us greater capacity to reduce consumption of municipal water .

W1.2

For your total operations, please detail which of the following water aspects are regularly measured and monitored and provide an explanation as to why or why not

Water aspect	% of sites/facilities/operations	Please explain
Water withdrawals- total volumes	76-100	Percentage based on square footage
Water withdrawals- volume by sources	76-100	Percentage based on square footage
Water discharges- total volumes	76-100	Percentage based on square footage
Water discharges- volume by destination	76-100	Percentage based on square footage
Water discharges- volume by treatment method	76-100	Percentage based on square footage
Water discharge quality data- quality by standard effluent parameters	76-100	Percentage based on square footage
Water consumption- total volume	76-100	Percentage based on square footage
Facilities providing fully-functioning WASH services for all workers	76-100	Percentage based on square footage

W1.2a

Water withdrawals: for the reporting year, please provide total water withdrawal data by source, across your operations

Source	Quantity (megaliters/year)	How does total water withdrawals for this source compare to the last reporting year?	Comment
Fresh surface water			
Brackish surface water/seawater			
Rainwater			
Groundwater - renewable	5	Much lower	
Groundwater - non-renewable			
Produced/process water			
Municipal supply	2482	Lower	
Wastewater from another organization			
Total	2487	Lower	

W1.2b

Water discharges: for the reporting year, please provide total water discharge data by destination, across your operations

Destination	Quantity (megaliters/year)	How does total water discharged to this destination compare to the last reporting year?	Comment
Fresh surface water			
Brackish surface water/seawater			
Groundwater	250	Lower	Irrigation
Municipal treatment plant	1551	Lower	
Total	1801	Lower	

W1.2c

Water consumption: for the reporting year, please provide total water consumption data, across your operations

Consumption (megaliters/year)	How does this consumption figure compare to the last reporting year?	Comment
2487	Lower	

W1.3

Do you request your suppliers to report on their water use, risks and/or management?

No

W1.3b

Please choose the option that best explains why you do not request your suppliers to report on their water use, risks and/or management

Primary reason	Please explain
Other:	We have currently not evaluated this.

W1.4

Has your organization experienced any detrimental impacts related to water in the reporting period?

No

Further Information

Module: Risk Assessment

Page: W2. Procedures and Requirements

W2.1

Does your organization undertake a water-related risk assessment?

Water risks are assessed

W2.2

Please select the options that best describe your procedures with regard to assessing water risks

Risk assessment procedure	Coverage	Scale	Please explain
Water risk assessment undertaken independently of other risk assessments	Direct operations	Some facilities	

W2.3

Please state how frequently you undertake water risk assessments, what geographical scale and how far into the future you consider risks for each assessment

Frequency	Geographic scale	How far into the future are risks considered?	Comment
Sporadically not defined	Facility	Unknown	There is no standard timeframe of how far into the future risks are considered.

W2.4

Have you evaluated how water risks could affect the success (viability, constraints) of your organization's growth strategy?

Not evaluated

W2.4b

What is the main reason for not having evaluated how water risks could affect the success (viability, constraints) of your organization's growth strategy, and are there any plans in place to do so in the future?

Main reason	Current plans	Timeframe until evaluation	Comment
Other:	No	Other:	This has not yet been evaluated.

W2.5

Please state the methods used to assess water risks

Method	Please explain how these methods are used in your risk assessment
WRI Aqueduct	

W2.6

Which of the following contextual issues are always factored into your organization's water risk assessments?

Issues	Choose option	Please explain
Current water availability and quality parameters at a local level	Relevant, included	

Issues	Choose option	Please explain
Current water regulatory frameworks and tariffs at a local level	Relevant, included	Local existing and potential future water regulations are evaluated on an ongoing basis
Current stakeholder conflicts concerning water resources at a local level	Not evaluated	
Current implications of water on your key commodities/raw materials	Not evaluated	
Current status of ecosystems and habitats at a local level	Not evaluated	
Current river basin management plans	Not evaluated	
Current access to fully-functioning WASH services for all employees		
Estimates of future changes in water availability at a local level	Relevant, included	WRI tool used to evaluate this aspect
Estimates of future potential regulatory changes at a local level	Relevant, included	Potential future regulations are monitored on an ongoing basis
Estimates of future potential stakeholder conflicts at a local level	Not evaluated	
Estimates of future implications of water on your key commodities/raw materials	Not evaluated	
Estimates of future potential changes in the status of ecosystems and habitats at a local level	Not evaluated	
Scenario analysis of availability of sufficient quantity and quality of water relevant for your operations at a local level	Not evaluated	
Scenario analysis of regulatory and/or tariff changes at a local level	Not evaluated	
Scenario analysis of stakeholder conflicts concerning water resources at a local level	Not evaluated	
Scenario analysis of implications of water on your key commodities/raw materials	Not evaluated	
Scenario analysis of potential changes in the status of ecosystems and habitats at a local level	Not evaluated	
Other		

W2.7

Which of the following stakeholders are always factored into your organization's water risk assessments?

Stakeholder	Choose option	Please explain
Customers	Relevant, included	We have a commitment to supply medicines to patients
Employees	Not evaluated	
Investors	Relevant, included	Our business includes a commitment to supply medicines to patients
Local communities	Not evaluated	
NGOs	Not evaluated	
Other water users at a local level	Not evaluated	
Regulators	Relevant, included	
River basin management authorities	Not evaluated	
Statutory special interest groups at a local level	Not evaluated	

Stakeholder	Choose option	Please explain
Suppliers	Not evaluated	
Water utilities/suppliers at a local level	Not evaluated	
Other		

Further Information

Module: Implications

Page: W3. Water Risks

W3.1

Is your organization exposed to water risks, either current and/or future, that could generate a substantive change in your business, operations, revenue or expenditure?

No

W3.2

Please provide details as to how your organization defines substantive change in your business, operations, revenue or expenditure from water risk

Potable water is a necessary resource to our manufacturing process. Should water become extremely scarce in regions where we manufacture our products, it could potentially have an impact on our manufacturing operations. This potential risk has been identified at a functional level within Environment, Health, Safety, and Sustainability and is considered a low potential risk.

W3.2e

Please choose the option that best explains why you do not consider your organization to be exposed to water risks in your direct operations that could generate a substantive change in your business, operations, revenue or expenditure

Primary reason	Please explain
Evaluation in progress	As we use risk tools to evaluate water risk at our facilities, we have currently seen nothing that could potentially be a substantive risk. Our evaluation process is ongoing.

W3.2f

Please choose the option that best explains why you do not consider your organization to be exposed to water risks in your supply chain that could generate a substantive change in your business, operations, revenue or expenditure

Primary reason	Please explain
Other:	This has not been evaluated

Further Information

Page: W4. Water Opportunities**W4.1**

Does water present strategic, operational or market opportunities that substantively benefit/have the potential to benefit your organization?

Yes

W4.1a

Please describe the opportunities water presents to your organization and your strategies to realize them

Country or region	Opportunity	Strategy to realize opportunity	Estimated timeframe	Please explain
Company-wide	Cost savings Improved community relations Improved water efficiency	We developed water maps for each of our sites, following the flow of water through the site to its exit point. Through these evaluations we are able to characterize all points of water use, identify significant water users, and develop performance indicators. These water maps are already providing opportunities and benefits—we discovered and fixed a leak, saving approximately \$60,000 a year.	4-6 years	We have an environmental sustainability plan, that includes water conservation aspects, that will take us through 2020.

Further Information**Module: Accounting****Page: W5. Facility Level Water Accounting (I)****Further Information****Page: W5. Facility Level Water Accounting (II)****Further Information****Module: Response****Page: W6. Governance and Strategy****W6.1**

Who has the highest level of direct responsibility for water within your organization and how frequently are they briefed?

Highest level of direct responsibility for water issues	Frequency of briefings on water issues	Comment
Individual/Sub-set of the Board or other committee appointed by the Board	Scheduled-quarterly	Updates on Environmental Sustainability, which may include water issues, are given to the Corporate Responsibility and Compliance Committee of the Board on a quarterly basis.

W6.2

Is water management integrated into your business strategy?

Yes

W6.2a

Please choose the option(s) below that best explain how water has positively influenced your business strategy

Influence of water on business strategy	Please explain
Establishment of sustainability goals	As part of our 2020 Environmental Sustainability Plan, we have set a 2020 target to reduce water usage by 10% of our 2012 baseline.

W6.2b

Please choose the option(s) below that best explains how water has negatively influenced your business strategy

Influence of water on business strategy	Please explain
No measurable influence	

W6.3

Does your organization have a water policy that sets out clear goals and guidelines for action?

Yes

W6.3a

Please select the content that best describes your water policy (tick all that apply)

Content	Please explain why this content is included
Company-wide Performance standards for direct operations Incorporated within group environmental, sustainability or EHS policy	

W6.4

How does your organization's water-related capital expenditure (CAPEX) and operating expenditure (OPEX) during the most recent reporting period compare to the previous reporting period?

Water CAPEX (+/- % change)	Water OPEX (+/- % change)	Motivation for these changes

Water CAPEX (+/- % change)	Water OPEX (+/- % change)	Motivation for these changes
		No appreciable change.

Further Information
Page: W7. Compliance

W7.1

Was your organization subject to any penalties, fines and/or enforcement orders for breaches of abstraction licenses, discharge consents or other water and wastewater related regulations in the reporting year?

No

Further Information
Page: W8. Targets and Initiatives

W8.1

Do you have any company wide targets (quantitative) or goals (qualitative) related to water?

Yes, targets only

W8.1a

Please complete the following table with information on company wide quantitative targets (ongoing or reached completion during the reporting period) and an indication of progress made

Category of target	Motivation	Description of target	Quantitative unit of measurement	Base-line year	Target year	Proportion of target achieved, % value
Absolute reduction of water withdrawals	Shared value	Reduce 269000 cubic meters of water by 2020. This represents 10% of our 2012 baseline.	% reduction of water sourced from municipal supply	2012	2020	13%

Further Information
Module: Linkages/Tradeoff
Page: W9. Managing trade-offs between water and other environmental issues

W9.1

Has your organization identified any linkages or trade-offs between water and other environmental issues in its value chain?

No

Further Information

This has not yet been evaluated.

Module: Sign Off

Page: Sign Off

W10.1

Please provide the following information for the person that has signed off (approved) your CDP water response

Name	Job title	Corresponding job category
David Seitz	Senior Manager, Environment, Health, Safety, and Sustainability	Environment/Sustainability manager

W10.2

Addressing water risks effectively, in many instances, requires collective action. CDP would like to support you in finding potential partners that are also working to tackle water challenges in the river basins you report against. Please select if your organization would like CDP to transfer your publicly disclosed risk and impact drivers and response strategy data from questions W1.4a, W3.2b, W3.2c, W4.1a and W8.1b to the United Nations Global Compact Water Action Hub.

No

Further Information

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