

**Module: Introduction**

**Page: W0. Introduction**

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**W0.1**

**Introduction**

**Please give a general description and introduction to your organization**

Celgene is a multinational biopharmaceutical company committed to improving the lives of patients worldwide.

At Celgene, we seek to deliver truly innovative and life-changing therapies for patients, the healthcare system, society and the economy. Our Mission and Vision is building a preeminent global biopharmaceutical company focused on the discovery, development and commercialization of innovative therapies for unmet medical needs in cancer and immune-inflammatory diseases.

We continue to research and invest, advancing our own discoveries and scanning the landscape for opportunities to enhance and expand our deep and diverse portfolio of next-generation medicines that hold the potential to change the course of human health. Currently, we have 19 pivotal/phase III programs underway, 40 treatments in clinical trials, 42 programs in pre-clinical development and more than 180 clinical trials ongoing. At the same time we are mindful that Celgene is part of an ecosystem of innovation. Our research and discovery efforts seek to collaborate with and complement the work of medical and academic institutions of excellence, government agencies and regulators, patient advocacy groups and non-governmental organizations and other biopharmaceutical companies.

As committed as we are to clinical accomplishment, we are equally committed to patient support, which is a guiding principle at Celgene. We believe all who can benefit from our discoveries should have the opportunity to do so. Celgene puts patients first with industry-leading programs that provide information, for patient support and, to the maximum extent possible, safe access to our innovative therapies.

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**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**

Fri 01 Jan 2016 - Sat 31 Dec 2016

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**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

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**W0.4**

**Exclusions**

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

No

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**W0.4a**

**Exclusions**

**Please report the exclusions in the following table**

Exclusion	Please explain why you have made the exclusion
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**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	Have not evaluated	Our company requires high-quality water in our facilities. We have not yet evaluated the quality and quantity of freshwater that is consumed or utilized across our value chain.
Sufficient amounts of recycled, brackish and/or produced water available for use	Neutral	Have not evaluated	Recycled water is not used in large quantities at our facilities. We are currently measuring our use of recycled water at our facilities. We have not yet evaluated the quality and quantity of recycled or produced water that is consumed or utilized across our value chain.

**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	51-75	
Water withdrawals- volume by sources	51-75	
Water discharges- total volumes	1-25	
Water discharges- volume by destination	1-25	
Water discharges- volume by treatment method	1-25	
Water discharge quality data- quality by standard effluent parameters	Less than 1%	
Water consumption- total volume	1-25	
Facilities providing fully-functioning WASH services for all workers	76-100	

**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			
Groundwater - non-renewable			
Produced/process water			

Source	Quantity (megaliters/year)	How does total water withdrawals for this source compare to the last reporting year?	Comment
Municipal supply	512.36	Much higher	Increase due to the accounting for our Summit West facility for the entire calendar year
Wastewater from another organization	19.59	This is our first year of measurement	New and proper accounting for the "Purple Pipe" system in San Diego
Total	531.95	Higher	

**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			
Municipal/industrial wastewater treatment plant	428.46	Higher	Increase due to the accounting for our Summit West facility for the entire calendar year
Wastewater for another organization			
Total			

**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
103.49	Much higher	Increase due to the accounting for our Summit West facility for the entire calendar year

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**W1.3**

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

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**W1.3a**

Please provide the proportion of suppliers you request to report on their water use, risks and/or management and the proportion of your procurement spend this represents

Proportion of suppliers %	Total procurement spend %	Rationale for this coverage
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**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
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**W1.4**

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

No

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**W1.4a**

Please describe the detrimental impacts experienced by your organization related to water in the reporting year

Country	River basin	Impact driver	Impact	Description of impact	Length of impact	Overall financial impact	Response strategy	Description of response strategy
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**W1.4b**

Please choose the option below that best explains why you do not know if your organization experienced any detrimental impacts related to water in the reporting year and any plans you have to investigate this in the future

Primary reason	Future plans
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**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	All facilities	Assessment undertaken using the WBCSD Water Tool to determine stress and scarcity projections for 2025 (on the watershed level) were employed in our annual risk assessment for CDP Water submittal.

**W2.3**



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

<b>Frequency</b>	<b>Geographic scale</b>	<b>How far into the future are risks considered?</b>	<b>Comment</b>
Annually	River basin	Up to 1 year	The timeframe for water risk assessments occurs on an annual basis during the formation of the CDP Water submittal. Other water-related risk assessments may occur during the year on a variable schedule depending upon the facility projects and operations.

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**W2.4**

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

Not evaluated

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**W2.4a**

**Please explain how your organization evaluated the effects of water risks on the success (viability, constraints) of your organization's growth strategy?**

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**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
Important but not any immediate business priority	No	Other:	Celgene has not performed a thorough evaluation of how water quality and quantity could affect the growth of the company to date. This has not occurred due to our expansions occurring in geographical areas where water scarcity has not been shown to be a serious business-related risk. Any growth of the company, in particular expansion or additions of facilities, do include water risk analysis and purchasing strategies to ensure both quality and quantity needs meet the best possible standards.

**W2.5**

**Please state the methods used to assess water risks**

Method	Please explain how these methods are used in your risk assessment
WBCSD Global Water Tool	Assessment undertaken using the WBCSD Water Tool to determine stress and scarcity projections for 2025 (on the watershed level) were employed in our annual risk assessment for CDP Water submittal. The risk assessment tool includes impacts on local water sources, and this can readily translate to potential impacts on local communities where Celgene has operations. We have utilized the Tool for assessment of all scoped facilities within our operational boundary. Celgene has used the WBCSD Water Tool for its simplicity and overall functionality when assessing potential water risks to the river basins where our facilities are located. The WBCSD Tool also provides a simple review of the results of its own risk assessment for these river basins and communicates these results clearly and effectively.

**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	Water availability is critical for facility and general operations
Current water regulatory frameworks and tariffs at a local level	Not relevant, explanation provided	This item does not directly impact Celgene operations and is therefore not wholly considered within the risk assessment
Current stakeholder conflicts concerning water resources at a local level	Not relevant, explanation provided	This item is not addressed by Celgene nor does Celgene have an influence on this within local communities.
Current implications of water on your key commodities/raw materials	Relevant, not yet included	This item has not been evaluated within Celgene operations
Current status of ecosystems and habitats at a local level	Relevant, included	The water risk assessment tool includes potential impacts to ecosystems within Celgene's assessment
Current river basin management plans	Not relevant, explanation provided	This item is not addressed by Celgene nor does Celgene have an influence on this.
Current access to fully-functioning WASH services for all employees	Relevant, not yet included	The level of access to these services has not yet been fully determined within all of Celgene's operations
Estimates of future changes in water availability at a local level	Relevant, included	The water risk assessment tool includes potential changes to water availability within Celgene's assessment
Estimates of future potential regulatory changes at a local level	Not relevant, explanation provided	This item does not directly impact Celgene operations and is therefore not wholly considered within the risk assessment
Estimates of future potential stakeholder conflicts at a local level	Not relevant, explanation provided	This item is not addressed by Celgene nor does Celgene have an influence on this within local communities.
Estimates of future implications of water on your key commodities/raw materials	Relevant, not yet included	This item has not been evaluated within Celgene operations
Estimates of future potential changes in the status of ecosystems and habitats at a local level	Relevant, not yet included	This item has not been evaluated within Celgene operations
Scenario analysis of availability of sufficient quantity and quality of water relevant for your operations at a local level	Relevant, not yet included	This item has not been evaluated within Celgene operations
Scenario analysis of regulatory and/or tariff changes at a local level	Relevant, not yet included	This item has not been evaluated within Celgene operations
Scenario analysis of stakeholder conflicts concerning water resources at a local level	Relevant, not yet included	This item has not been evaluated within Celgene operations
Scenario analysis of implications of water on your key commodities/raw materials	Relevant, not yet included	This item has not been evaluated within Celgene operations
Scenario analysis of potential changes in the status of ecosystems and habitats at a local level	Relevant, not yet included	This item has not been evaluated within Celgene operations
Other	Relevant, not yet included	There are no other items that Celgene would consider relevant within its risk assessment.

**W2.7**

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

Stakeholder	Choose option	Please explain
Customers	Relevant, not yet included	Customer impact on water risks are not included but could have an impact within Celgene's supply chain
Employees	Relevant, included	Because the vast majority of our water impacts occur at our facilities, the use of water by our employees at the facilities has a direct and measureable impact and is included within the assessments
Investors	Relevant, not yet included	Investor impact on water risks are not included but could have an impact within the strategy of water management and consideration
Local communities	Relevant, included	Local communities/ impact on water risks are not included but could have an impact within the strategy of water management and consideration
NGOs	Not evaluated	NGOs are not considered
Other water users at a local level	Not evaluated	Other water users are not considered
Regulators	Not evaluated	Regulators are not considered
River basin management authorities	Not evaluated	Authorities are not considered
Statutory special interest groups at a local level		Interest groups are not considered
Suppliers	Relevant, not yet included	Supplier impact on water risks are not included but could have an impact within Celgene's supply chain
Water utilities at a local level	Relevant, not yet included	Water Utilities at local levels impact on water risks are not included but could have an impact within Celgene's supply chain
Other	Not evaluated	There are no other items that Celgene would consider relevant within its risk assessment

**W2.8**

Please choose the option that best explains why your organisation does not undertake a water-related risk assessment

Primary reason	Please explain
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**Further Information**

**Module: Implications**

**Page: W3. Water Risks**

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**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?**

Yes, direct operations only

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**W3.2**

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

Potential substantive changes to Celgene's business and operations from water risks (see complete list below) are related to those that can contribute to a change in our business operations and impact costs related to water resources (withdrawal and discharge) and meeting regulatory requirements. This can also include any change or risk in water availability or quality utilized at our facility for operational use or employee consumption. This definition for substantive change is only applied to Celgene's direct operations; another definition that relates to Celgene's supply chain has yet to be formulated and applied.

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**W3.2a**

Please provide the number of facilities\* per river basin exposed to water risks that could generate a substantive change in your business, operations, revenue or expenditure; and the proportion of company-wide facilities this represents

Country	River basin	Number of facilities exposed to water risk	Proportion of company-wide facilities that this represents (%)	Comment
United States of America	Other: GHAASBasin3725	1	91-100	
United States of America	Other: GHAASBasin1513	1	91-100	
Switzerland	Rhine	1	91-100	
United Kingdom	Thames	1	91-100	
France	Seine	1	91-100	
Spain	Other: GHAASBasin2117	1	91-100	
Japan	Other: GHAASBasin947	1	91-100	

### W3.2b

For each river basin mentioned in W3.2a, please provide the proportion of the company's total financial value that could be affected by water risks

Country	River basin	Financial reporting metric	Proportion of chosen metric that could be affected	Comment

### W3.2c

Please list the inherent water risks that could generate a substantive change in your business, operations, revenue or expenditure, the potential impact to your direct operations and the strategies to mitigate them

Country	River basin	Risk driver	Potential impact	Description of potential impact	Timeframe	Likelihood	Magnitude of potential financial impact	Response strategy	Costs of response strategy	Details of strategy and costs
		Physical-Declining water quality	Higher operating costs	High quality potable water is essential to our business operations. Increased treatment costs for potable water as well as increased costs to meet more stringent wastewater regulations could have financial implications.	1-3 years	Unknown	Low	Infrastructure investment Infrastructure maintenance Greater due diligence Increased capital expenditure Increased investment in new technology New products, markets		
		Physical-Increased water scarcity	Higher operating costs	Limits on availability of fresh water could have financial implications.	>6 years	Probable	Low	Infrastructure investment Infrastructure maintenance	Low	The primary response for an increase in expenses for water-related activities is investing in water-consuming efficiency projects and infrastructure. This would reduce the facility's

Country	River basin	Risk driver	Potential impact	Description of potential impact	Timeframe	Likelihood	Magnitude of potential financial impact	Response strategy	Costs of response strategy	Details of strategy and costs
										overall consumption quantity and, hence, reduce the associated expenses, including those for operating and maintenance of the equipment if it is more reliable than old pieces of equipment.
		Regulatory-Regulatory uncertainty	Higher operating costs	Increased cost to meet newly implemented or more stringent regulations could have financial implications	>6 years	Unknown	Low-medium	Infrastructure investment Greater due diligence Increased investment in new technology	Low-medium	Based upon the regulatory that may result from water-related issues and incidents, the company will investigate the regulations to determine the shortcomings for its water performance and avenues for increasing



Country	River basin	Risk driver	Potential impact	Description of potential impact	Timeframe	Likelihood	Magnitude of potential financial impact	Response strategy	Costs of response strategy	Details of strategy and costs
										water conservation
United States of America	Other: GHAASBasin3725	Physical-Drought	Higher operating costs	California had its driest year in recorded history from 2013 through 2016. This led to constraints for water supply throughout the state and drove up costs associated with water consumption. The drought was lessened at the start of 2017, but the effects are still being felt and could easily persist for the foreseeable future.	1-3 years	Highly probable	Low-medium	Engagement with community Increased investment in new technology Water management incentives	Low-Medium	The primary response for an increase in expenses for water-related activities is investing in water-consuming efficiency projects and infrastructure. This would reduce the facility's overall consumption quantity and, hence, reduce the associated expenses, including those for operating and maintenance of the equipment if it is more reliable than old pieces of equipment.

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**W3.2d**

Please list the inherent water risks that could generate a substantive change in your business operations, revenue or expenditure, the potential impact to your supply chain and the strategies to mitigate them

Country	River basin	Risk driver	Potential impact	Description of potential impact	Timeframe	Likelihood	Magnitude of potential financial impact	Response strategy	Costs of response strategy	Details of strategy and costs
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**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
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**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
Risks exist, but no substantive impact anticipated	Celgene recognizes that risks are inherit throughout our supply chain. However, we have yet to pursue an analysis that shows where water risks exist and the magnitude of said risks on both the company as a whole and individual facilities. We are analyzing and focusing on our operations concerning water before pursuing water risks and opportunities in our supply chain.

W3.2g

Please choose the option that best explains why you do not know if your organization is exposed to water risks that could generate a substantive change in your business operations, revenue or expenditure and discuss any future plans you have to assess this

Primary reason	Future plans
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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	Comment
United States of America	Cost savings Improved water efficiency	Installation of water items, such as low-flow faucets, fixtures, water closets, urinals and other miscellaneous items to decrease both water consumption and associated costs of consuming and discharging water. This type of strategy has been adapted at multiple Celgene facilities and has been shown to generate a positive and short-term ROI.	4-6 years	General consensus that proven and best practices related to installation of water-efficient infrastructure has helped Celgene facilities reduce water consumption and impact on local communities.

#### W4.1b

Please choose the option that best explains why water does not present your organization with any opportunities that have the potential to provide substantive benefit

Primary reason	Please explain
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#### W4.1c

Please choose the option that best explains why you do not know if water presents your organization with any opportunities that have the potential to provide substantive benefit

Primary reason	Please explain
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Further Information

Module: Accounting

Page: W5. Facility Level Water Accounting (I)

W5.1

Water withdrawals: for the reporting year, please complete the table below with water accounting data for all facilities included in your answer to W3.2a

Facility reference number	Country	River basin	Facility name	Total water withdrawals (megaliters/year) at this facility	How does the total water withdrawals at this facility compare to the last reporting year?	Please explain
Facility 1	United States of America	Hudson River	Summit East	59.66	Higher	
Facility 2	United States of America	Hudson River	Summit West	138.79	Much higher	2016 represented the first full-year accounting of our Summit West campus
Facility 3	United States of America	Hudson River	300 BH	12.13	Lower	
Facility 4	United States of America	Hudson River	400 BH	17.58	About the same	
Facility 5	United States of America	Hudson River	7 PH	10.47	Lower	
Facility 6	United States of America	Hudson River	Cedar Knolls	1.04	Lower	2016 represents that last year that Cedar Knolls is included in our accounting
Facility 7	United States of America	Mississippi River	Overland Park	7.67	About the same	

Facility reference number	Country	River basin	Facility name	Total water withdrawals (megaliters/year) at this facility	How does the total water withdrawals at this facility compare to the last reporting year?	Please explain
Facility 8	United States of America	Colorado River (Pacific Ocean)	Phoenix	112.69	About the same	
Facility 9	United States of America	Other: GHAASBasin3725	San Diego	23.39	Lower	New and proper accounting for the "Purple Pipe" system in San Diego that added trackable withdrawal quantities in 2016
Facility 10	United States of America	Sacramento River - San Joaquin River	San Francisco	10.76	About the same	
Facility 11	United States of America	Other: GHAASBasin1513	Cambridge	16.63	Higher	Facility transfer from our site in Bedford, MA to Cambridge, MA
Facility 12	Canada	St. Lawrence	Mississauga	3.48	Higher	
Facility 13	Switzerland	Rhine	Boudry	17.21	About the same	
Facility 14	Switzerland	Rhine	Zofingen	39.94	About the same	
Facility 15	United Kingdom	Thames	London	14.84	About the same	
Facility 16	France	Seine	Paris	7.94	About the same	
Facility 17	Germany	Danube	Munich	5.62	About the same	
Facility 18	Italy	Po	Milan	10.62	About the same	
Facility 19	Spain	Tejo	Madrid	0.85	About the same	
Facility 20	Spain	Other: GHAASBasin2117	Sevilla	1.85	Higher	
Facility 21	Japan	Other: GHAASBasin947	Tokyo	18.77	About the same	

#### Further Information

**W5.1a**

**Water withdrawals: for the reporting year, please provide withdrawal data, in megaliters per year, for the water sources used for all facilities reported in W5.1**

Facility reference number	Fresh surface water	Brackish surface water/seawater	Rainwater	Groundwater (renewable)	Groundwater (non-renewable)	Produced/process water	Municipal water	Wastewater from another organization	Comment
Facility 1							59.66		
Facility 2							138.79		
Facility 3							12.13		
Facility 4							17.58		
Facility 5							10.47		
Facility 6							1.04		
Facility 7							7.67		
Facility 8							112.69		
Facility 9							3.8	19.59	
Facility 10							10.76		
Facility 11							16.63		
Facility 12							3.48		
Facility 13							17.21		
Facility 14							39.94		
Facility 15							14.84		
Facility 16							7.94		
Facility 17							5.62		
Facility 18							10.62		
Facility 19							.85		
Facility 20							1.85		
Facility 21							18.77		

**W5.2**

**Water discharge: for the reporting year, please complete the table below with water accounting data for all facilities included in your answer to W3.2a**

<b>Facility reference number</b>	<b>Total water discharged (megaliters/year) at this facility</b>	<b>How does the total water discharged at this facility compare to the last reporting year?</b>	<b>Please explain</b>
Facility 1	52.18	About the same	
Facility 2	122.78	Much higher	2016 represented the first full-year accounting of our Summit West campus
Facility 3	10.73	Lower	
Facility 4	15.55	About the same	
Facility 5	9.26	Lower	
Facility 6	.92	Lower	2016 represents that last year that Cedar Knolls is included in our accounting
Facility 7	6.78	About the same	
Facility 8	67.89	About the same	
Facility 9	20.69	Higher	New and proper accounting for the "Purple Pipe" system in San Diego that added trackable discharge quantities in 2016
Facility 10	9.52	About the same	
Facility 11	14.71	Lower	Facility transfer from our site in Bedford, MA to Cambridge, MA
Facility 12	2.29	About the same	
Facility 13	12	About the same	
Facility 14	39.94	About the same	
Facility 15	7.95	About the same	
Facility 16	5.07	About the same	
Facility 17	5.8	About the same	
Facility 18	4.7	About the same	
Facility 19	.49	About the same	
Facility 20	1.07	Higher	
Facility 21	18.11	About the same	



**Water discharge: for the reporting year, please provide water discharge data, in megaliters per year, by destination for all facilities reported in W5.2**

Facility reference number	Fresh surface water	Municipal/industrial wastewater treatment plant	Seawater	Groundwater	Wastewater for another organization	Comment
Facility 1		52.18				
Facility 2		122.78				
Facility 3		10.73				
Facility 4		15.55				
Facility 5		9.26				
Facility 6		.92				
Facility 7		6.78				
Facility 8		67.89				
Facility 9		20.69				
Facility 10		9.52				
Facility 11		14.71				
Facility 12		2.29				
Facility 13		12				
Facility 14		39.94				
Facility 15		7.95				
Facility 16		5.07				
Facility 17		5.8				
Facility 18		4.7				
Facility 19		.49				
Facility 20		1.07				
Facility 21		18.11				

**W5.3**

**Water consumption: for the reporting year, please provide water consumption data for all facilities reported in W3.2a**

Facility reference number	Consumption (megaliters/year)	How does this compare to the last reporting year?	Please explain
Facility 1	7.48		
Facility 2	16.01	Higher	2016 represented the first full-year accounting of our Summit West campus
Facility 3	1.4	About the same	
Facility 4	2.03	About the same	
Facility 5	1.21	About the same	
Facility 6	.12	About the same	2016 represents that last year that Cedar Knolls is included in our accounting
Facility 7	.88	About the same	
Facility 8	44.8	Higher	
Facility 9	2.7	About the same	
Facility 10	1.24	About the same	
Facility 11	1.92	About the same	Facility transfer from our site in Bedford, MA to Cambridge, MA
Facility 12	1.19	Higher	
Facility 13	5.21	About the same	
Facility 14	0	About the same	
Facility 15	6.89	About the same	
Facility 16	2.87	Higher	
Facility 17	0	About the same	
Facility 18	5.92	About the same	
Facility 19	.36	About the same	
Facility 20	.78	About the same	
Facility 21	.66	About the same	

**W5.4**

**For all facilities reported in W3.2a what proportion of their water accounting data has been externally verified?**

Water aspect	% verification	What standard and methodology was used?
Water withdrawals- total volumes	Not verified	This water accounting data has not been externally verified
Water withdrawals- volume by sources	Not verified	This water accounting data has not been externally verified
Water discharges- total volumes	Not verified	This water accounting data has not been externally verified
Water discharges- volume by destination	Not verified	This water accounting data has not been externally verified
Water discharges- volume by treatment method	Not verified	This water accounting data has not been externally verified
Water discharge quality data- quality by standard effluent parameters	Not verified	This water accounting data has not been externally verified
Water consumption- total volume	Not verified	This water accounting data has not been externally verified

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**Further Information**

**Module: Response**

**Page: W6. Governance and Strategy**

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**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
Senior Manager/Officer	Scheduled- quarterly	Richard Bagger, Executive Vice President of Global Corporate Affairs and Market Access, is one of the members of the Executive Committee and reports directly to the Chairman and Chief Executive Officer. Richard is the chairman of the Sustainability Committee, which manages climate change-related policy and strategy for Celgene worldwide.

**W6.2**

**Is water management integrated into your business strategy?**

Yes

**W6.2a**

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

Influence of water on business strategy	Please explain
Tighter operational performance standards	Influence concerning water performance has already led Celgene to adapt basic strategies and programs at existing facilities such as the projects highlighted in section 4.1 and in previous year's disclosure reports. Celgene has been able to maintain operational performance at our facilities without a large impact on water bodies and without disturbance to our own operations. These general programs are being planned to transition to other global sites and facilities in order maintain or reduce Celgene's global water consumption and impact.
Establishment of sustainability goals	Water factors and performance has been considered into the decision-making process behind our first corporate-level environmental goals, with a focus on how much water is taken into our scoped facilities.

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**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	There have been no observed instances where water performance or related activities have contributed negatively to our business strategy or operations.

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**W6.2c**

Please choose the option that best explains why your organization does not integrate water management into its business strategy and discuss any future plans to do so

Primary reason	Please explain
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**W6.3**

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

No

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**W6.3a**

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

Content	Please explain why this content is included
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**W6.4**

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

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

**Page: W7. Compliance**

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**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

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**W7.1a**

Please describe the penalties, fines and/or enforcement orders for breaches of abstraction licenses, discharge consents or other water and wastewater related regulations and your plans for resolving them

Facility name	Incident	Incident description	Frequency of occurrence in reporting year	Financial impact	Currency	Incident resolution
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**W7.1b**

What proportion of your total facilities/operations are associated with the incidents listed in W7.1a?

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**W7.1c**

Please indicate the total financial impacts of all incidents reported in W7.1a as a proportion of total operating expenditure (OPEX) for the reporting year. Please also provide a comparison of this proportion compared to the previous reporting year

Impact as % of OPEX	Comparison to last year
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**Further Information**

**Page: W8. Targets and Initiatives**

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**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	Recommended sector best practice	Our goal is to decrease our absolute water withdrawals from our scoped facilities by 10% by 2020 against a baseline year of 2015. Water use was identified as one of four primary environmental impact items of important value by Celgene's Sustainability Committee for the next 5 years.	Other: % reduction per facility area	2015	2020	0%

**W8.1b**

Please describe any company wide qualitative goals (ongoing or reached completion during the reporting period) and your progress in achieving these

Goal	Motivation	Description of goal	Progress



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W8.1c

Please explain why you do not have any water-related targets or goals and discuss any plans to develop these in the future

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**Further Information**

**Module: Linkages/Tradeoff**

**Page: W9. Managing trade-offs between water and other environmental issues**

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W9.1

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

No

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W9.1a

Please describe the linkages or trade-offs and the related management policy or action

Environmental issues	Linkage or trade-off	Policy or action
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**Further Information**

**Module: Sign Off**

**Page: Sign Off**

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**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
Janos Angeli	Senior Director of Engineering, Construction and Carbon Management	Environment/Sustainability manager

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**W10.2**

Please indicate that your organization agrees for CDP to transfer your publicly disclosed data regarding your response strategies to the CEO Water Mandate Water Action Hub.

**Note: Only your responses to W1.4a (response to impacts) and W3.2c&d (response to risks) will be shared and then reviewed as a potential collective action project for inclusion on the WAH website.**

**By selecting Yes, you agree that CDP may also share the email address of your registered CDP user with the CEO Water Mandate. This will allow the Hub administrator to alert your company if its response data includes a project of potential interest to other parties using water resources in the geographies in which you operate. The Hub will publish the project with the associated contact details. Your company will be provided with a secure log-in allowing it to amend the project profile and contact details.**

No

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**Further Information**

[CDP 2017 Water 2017 Information Request](#)