

Module: Introduction**Page: W0. Introduction****W0.1****Introduction**

Please give a general description and introduction to your organization.

Layne Christensen Company (“Layne”) is a global water management, construction and drilling company. Layne provides responsible solutions for water, mineral and energy. This integrated approach allows Layne to offer more than individual services, it ensures streamlined communications, expedited timelines, and a constant focus on its overriding values of safety, sustainability, integrity and excellence. Layne’s solutions enhance the lives of people by providing and protecting the world’s essential resources.

We operate on a geographically dispersed basis, with approximately 70 sales and operations offices located throughout North America, Africa, Australia, South America, and through our affiliates in Latin America countries. Headquartered in The Woodlands, Texas, Layne Christensen has approximately 3,000 full-time employees. For additional information, please refer to our fiscal year 2015 Sustainability Report and our corporate website.

WATER SOLUTIONS: Layne’s teams are responsible for effectively managing water in every phase of its lifecycle—supply, treatment, delivery and maintenance. Throughout each phase, we work to ensure compliance with complex state and federal regulations, and to meet increasingly high demand for quality, reliability and efficiency. We engage in the development and deployment of new and innovative water technologies to meet these higher standards and to continue improving on the safety and sustainability of our work. Whether we are identifying and developing a new optimal water source, delivering usable water to communities and facilities around the world, recycling water from oil and gas resources, rehabilitating an existing pipeline or safely returning wastewater to the natural environment, Layne has a responsible solution for any water management challenge. Water Management solutions include: hydrology and scientific studies to define water resources, sourcing, well design and construction, water treatment technologies, industrial treatment, water treatment for hydraulic fracturing, oil and gas services, wastewater treatment technologies, water reuse, water treatment service, treatment plants, Ranney collector wells, pump stations and intake structures, reservoirs, pipelines and sewer pipeline rehabilitation.

FISCAL YEAR: Please note that Layne’s fiscal year ends in January. Our reporting period is Layne’s fiscal year 2015, which ended on January 31, 2015.

PRIOR FISCAL YEAR RESTATEMENT: We have restated our fiscal year 2013 and 2014 water upon further review and refinement of our data management procedures. Our restated fiscal year 2013 water serves as our base year.

FORWARD-LOOKING STATEMENTS: This publication may contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Exchange Act of 1934. Such statements may include, but are not limited to, statements of plans and objectives, statements of future economic

performance and statements of assumptions underlying such statements, and statements of management's intentions, hopes, beliefs, expectations or predictions of the future. Forward-looking statements can often be identified by the use of forward-looking terminology, such as "should," "intended," "continue," "believe," "may," "hope," "anticipate," "goal," "forecast," "plan," "estimate" and similar words or phrases. Such statements are based on current expectations and are subject to certain risks, uncertainties and assumptions, including but not limited to: prevailing prices for various commodities (including gold, copper, crude oil and natural gas), the duration of the current slowdown in the mineral drilling services market, unanticipated slowdowns in Layne's major markets, the availability of credit, the risks and uncertainties normally incident to the construction industry, the timing for the completion of the existing unprofitable contracts in Heavy Civil, the ability to successfully obtain profitable contracts in Energy Services, the impact of competition, the effectiveness of operational changes expected to increase efficiency and productivity and reduce costs, worldwide economic and political conditions and foreign currency fluctuations that may affect worldwide results of operations. Many of the factors that will determine these items are beyond Layne's ability to control or predict. Should one or more of these risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially and adversely from those anticipated, estimated or projected. These forward-looking statements are made as of the date of this filing, and Layne assumes no obligation to update such forward-looking statements or to update the reasons why actual results could differ materially from those anticipated in such forward-looking statements.

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
Sat 01 Feb 2014 - Sat 31 Jan 2015

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
U.S. facilities with onsite wells	Incomplete information for the period in question
International facilities	Incomplete information for the period in question
Project-based water use	Incomplete information for the period in question
Water use for facilities other than our 10 highest impact facilities	We restated our disclosure to capture water use at our 10 highest impact facilities. For all other facilities, we have incomplete information for the period in question. We continue to collect data for all facilities within our operational control.

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	Important	Important	Having sufficient amounts of quality freshwater is critical to our employees, clients and communities that we serve. To deliver our services, it is not vital that we use freshwater. While critical to society and our overall value chain, our vital raw materials for operations, such as cement, steel and fuel, do not require freshwater to produce.
Sufficient amounts of recycled, brackish and/or produced water available for use	Vital for operations	Important	While we believe that our overall water impacts from operations are likely net positive, our Company processes large amounts of water to deliver its services, particularly during the drilling and testing phases of projects. Cement and fuel, two vital materials for operations, are water-intensive to produce.

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		Information not available
Water withdrawals- volume by sources		Information not available
Water discharges- total volumes		Information not available
Water discharges- volume by destination		Information not available
Water discharges- volume by treatment method		Information not available
Water discharge quality data- quality by standard effluent parameters		Information not available
Water consumption- total volume		Information not available
Facilities providing fully-functioning WASH services for		Information not available

Water aspect	% of sites/facilities/operations	Please explain
all workers		

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			
Municipal supply			
Wastewater from another organization			
Total	19.79	Much lower	Our water use at our 10 highest impact facilities decreased by over 50% between FY14 and FY15, which is primarily due to changes in our water treatment business in Phoenix, Arizona.

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 treatment plant			
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
-------------------------------	--	---------

W1.3

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

No

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
---------------------------	---------------------------	-----------------------------

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:	Based on the nature of our operations and degree of current risk, we do not currently require water-based reporting from our suppliers. Our sustainability strategy is currently focused on advancing the delivery of sustainable solutions and reducing our operational footprint to support our Company's growth strategy and vision. Supply chain engagement on material sustainability issues has been identified as a long-term opportunity to pursue as our growth strategy and our sustainability program evolves.

W1.4

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

No

W1.4a

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

Country	River basin	Impact indicator	Impact	Description of impact	Length of impact	Overall financial impact	Response strategy	Description of response strategy
---------	-------------	------------------	--------	-----------------------	------------------	--------------------------	-------------------	----------------------------------

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
----------------	--------------

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
Comprehensive company-wide risk assessment	Direct operations and supply chain	All facilities and suppliers	We view the increase in global water demand and related risks and opportunities as a megatrend with a series of potential implications (both positive and negative) across each of our business units. As such, the management of these risks and opportunities is integrated into company-wide processes wherein risks and opportunities are prioritized based on the degree of importance to our stakeholders and potential impacts to our business. We analyze and assess risk at the business unit level and across our operations. Individuals who manage sustainability maintain strategic oversight to identify and manage company-level risks that may impact our reputation, profitability and access to capital. Additionally, we assess risks and opportunities at the facility level to inform the development of reduction plans. Our Executive Leadership Team considers potential supply chain risks related to water, among other factors, to support strategic planning.

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
Annually	Country	3 to 6 years	We consider a timeframe of approximately 5 years to be in alignment with our strategic planning processes and the multi-year nature of many projects. As our greatest risks are based on project and not facility location, we use the UNEP Vital Water Graphics as our primary source to characterize water-stressed regions. The UNEP references FAO and WRI statistics, which served as an indirect reference. We also used the WBCSD Water Tool as a reference document in our assessment.

W2.4

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

Yes, evaluated over the next 5 years

W2.4a

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

We have set forth a vision for our Company to be the leading sustainable solutions provider to the world of the following essential natural resources: water, minerals and energy. As such, sustainability is a core value, and we are focused on the development and deployment of products and services that respond to growing water demands and the need to manage limited global water resources.

Our Executive Leadership Team also takes into consideration the relationship between water and the success of our organization as an aspect of strategic planning. Our Company's Director of Global Business Development leads our Sustainable Solutions team that is tasked with identifying, communicating and advancing the Company's deployment of sustainable solutions. We have established the percentage of revenues derived from sustainable products and services as one of five key performance indicators, which is tracked, monitored and reported in our annual sustainability report.

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

W2.5

Please state the methods used to assess water risks

Method	Please explain how these methods are used in your risk assessment
FAO/AQUASTAT UNEP Vital Water Graphics WBCSD Global Water Tool WRI water stress definition Other: Internal Company Processes	We use a variety of methods to assess our water risks.

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	In addition to using the UNEP Vital Water Graphics as a resource at the country level, we assess current water availability and quality parameters at the local level in both the United States and international locations when deciding which projects to pursue or not to pursue.
Current water regulatory frameworks and tariffs at a local level	Relevant, included	We continuously monitor regulatory developments, including water regulatory frameworks and tariffs, in the markets in which we operate. We also engage with regional trade associations to monitor these issues locally.
Current stakeholder conflicts concerning water resources at a local level	Relevant, included	We monitor a series of variables within countries of current or planned operations, which includes political conditions. At the local level, stakeholder conflicts concerning water resources would also be factor that is considered that may impact (1) whether we pursue a project or (2) how we execute the delivery of a solution that may resolve or mitigate these types of water conflicts.
Current implications of water on your key commodities/raw materials	Relevant, included	We consider these risks during project planning and have the ability to mitigate potential risks by shipping raw materials and parts to sites based on a cost-benefit analysis.
Current status of ecosystems and habitats at a local level	Relevant, not yet included	While not formally assessed, we do not currently believe that any water bodies and associated habitats are significantly affected by discharge of water or runoff from our operations. We have a strong record of compliance, and the protection of biodiversity is a priority for our Company. We engage in careful work planning prior to commencing projects performed near or adjacent to wetlands, waterways, aquifers and/or areas of high biodiversity value.
Current river basin management plans	Relevant, not yet included	We assess these issues not only internally to inform project planning, but also for our clients as part of our Integrated Water Supply Planning and Hydrogeologic Investigations services.
Current access to fully-functioning WASH services for all employees	Relevant, not yet included	We assess these issues not only internally to inform project planning, but also for our clients as part of our Integrated Water Supply Planning and Hydrogeologic Investigations services.
Estimates of future changes in water availability at a local level	Relevant, not yet included	We assess these issues not only internally to inform project planning, but also for our clients as part of our Integrated Water Supply Planning and Hydrogeologic Investigations services.
Estimates of future potential regulatory changes at a local level	Relevant, included	We assess these issues not only internally to inform project planning, but also for our clients as part of our Integrated Water Supply Planning services.
Estimates of future potential stakeholder conflicts at a local level	Relevant, included	We assess these issues not only internally to inform project planning, but also for our clients as part of our Integrated Water Supply Planning services.
Estimates of future implications of water on your key commodities/raw materials	Relevant, not yet included	Based on our assessment of water risks in the next five years and our multiple sourcing options, we have not currently identified the need to develop and maintain formal estimates regarding implications of water on our key commodities and raw materials.
Estimates of future potential changes in the status of ecosystems and habitats at a local level	Relevant, not yet included	While not formally assessed, we engage in careful work planning prior to commencing projects performed near or adjacent to wetlands, waterways, aquifers and/or areas of high biodiversity value.
Scenario analysis of availability of sufficient quantity and quality of water	Relevant, not yet included	We assess these issues not only internally to inform project planning, but also for our clients as part of our Integrated Water Supply Planning services.

Issues	Choose option	Please explain
relevant for your operations at a local level		
Scenario analysis of regulatory and/or tariff changes at a local level	Relevant, not yet included	Based on our assessment of water risks in the next five years, we have not currently identified the need to engage in this type of scenario analysis.
Scenario analysis of stakeholder conflicts concerning water resources at a local level	Relevant, not yet included	We assess these issues not only internally to inform project planning, but also for our clients as part of our Integrated Water Supply Planning services.
Scenario analysis of implications of water on your key commodities/raw materials	Relevant, not yet included	Based on our assessment of water risks in the next five years, we have not currently identified the need to engage in this type of scenario analysis.
Scenario analysis of potential changes in the status of ecosystems and habitats at a local level	Relevant, not yet included	Based on our assessment of water risks in the next five years, we have not currently identified the need to engage in this type of scenario analysis.
Other	Relevant, included	Because many of our projects help to solve global water challenges, we also factor how we can address specific local water risks and utilize synergies across our Company's product and service offerings as we develop project plans.

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 strive to consider all applicable stakeholders when assessing both water risks and opportunities.
Employees	Relevant, included	We strive to consider all applicable stakeholders when assessing both water risks and opportunities.
Investors	Relevant, included	We strive to consider all applicable stakeholders when assessing both water risks and opportunities.

Stakeholder	Choose option	Please explain
Local communities	Relevant, included	We strive to consider all applicable stakeholders when assessing both water risks and opportunities.
NGOs	Relevant, included	We strive to consider all applicable stakeholders when assessing both water risks and opportunities.
Other water users at a local level	Relevant, included	We strive to consider all applicable stakeholders when assessing both water risks and opportunities.
Regulators	Relevant, included	We strive to consider all applicable stakeholders when assessing both water risks and opportunities.
River basin management authorities	Relevant, included	We strive to consider all applicable stakeholders when assessing both water risks and opportunities.
Statutory special interest groups at a local level	Relevant, included	We strive to consider all applicable stakeholders when assessing both water risks and opportunities.
Suppliers	Relevant, included	We strive to consider all applicable stakeholders when assessing both water risks and opportunities.
Water utilities/suppliers at a local level	Relevant, included	We strive to consider all applicable stakeholders when assessing both water risks and opportunities.
Other	Relevant, included	We strive to consider all applicable stakeholders when assessing both water risks and opportunities.

W2.8

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

Primary reason	Please explain
----------------	----------------

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?

Yes, direct operations only

W3.2

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

To define a substantive change in our business, operations, revenue or expenditure from water risk, we consider an estimated potential financial impact in excess of \$1 million as a threshold quantitative metric. In evaluating and estimating the potential financial impact, we consider numerous factors, including the proportion of business units affected, size of the impact on those business units, and degree of stakeholder concern. We also consider interdependencies among potential risks.

Please note that based on this methodology, we have not currently identified any supply chain risks that meet our threshold for generating a substantive change. While we use a significant amount of water onsite for product delivery, our Company's supply chain does not consist of a large portion of inputs that we would characterize as highly water-intensive compared to inputs within other sectors. Our largest purchase categories include bentonite/polymers, steel pipe, sand, paper, polyvinyl chloride, tricone bits and drill pipe components. Our capital goods consist primarily of our fleet and equipment for drilling, pumping, testing and other processes used for the delivery of goods and services to our customers. We purchase some cement from China, which is currently characterized as a water vulnerable region by the United Nations Environmental Programme. We also purchase fuel near project sites, some of which comes from the Middle East, in which certain areas have been classified as water-scarce and water-stressed. While we occasionally purchase parts locally to assist in project delivery, we have the ability to mitigate potential risks by shipping parts to sites, as needed and based on economic considerations. Additionally, we maintain multiple sourcing options.

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 total operations this represents

Country	River basin	Number of facilities	Proportion of total operations exposed to risk within river basin (%)	Comment
Australia	Other: All	0	1-5	
Burkina Faso	Volta	0	Less than 1%	
Ethiopia	Other: All	0	Less than 1%	
Guinea	Other: All	0	Less than 1%	
Mali	Other: All	0	Less than 1%	
Tanzania	Other: All	0	Less than 1%	
Zambia	Other: All	0	1-5	

W3.2b

Please provide the proportion of financial value that could be affected at river basin level associated with the facilities listed in W3.2a

Country	River basin	Financial reporting metric	Proportion of chosen metric that could be affected within the river basin	Comment
Australia	Other: All	% global revenue	1-5	
Burkina Faso	Volta	% global revenue	Less than 1%	
Ethiopia	Other: All	% global revenue	Less than 1%	
Guinea	Other: All	% global revenue	Less than 1%	
Mali	Other: All	% global revenue	Less than 1%	
Tanzania	Other: All	% global revenue	Less than 1%	
Zambia	Other: All	% global revenue	1-5	

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 impact	Timeframe	Likelihood	Magnitude of potential financial impact	Response strategy	Costs of response strategy	Details of strategy and costs
	Other: N/A (Global)	Physical- Increased water scarcity	Other: Constraint to future growth	The United Nations predicts that nearly half the world's population is expected to be living in areas of high water stress by 2030. We use significant amounts of water for project delivery. Our operations are diverse and global disruptions in water supply could impact project delivery. Additionally, our employees and contractors depend on access to safe, potable water.	Unknown	Probable	Medium-high	New products, markets	Low-medium	We strive to continue our focus on innovation to improve management of water resources by decreasing water consumption and discharges related to our products and services. We also seek to increase awareness about these opportunities to our consumers. We also continue to explore ways to recycle and reduce water used for project delivery Costs associated with this strategy include labor costs for our Executive

Country	River basin	Risk driver	Potential impact	Description of impact	Timeframe	Likelihood	Magnitude of potential financial impact	Response strategy	Costs of response strategy	Details of strategy and costs
										Leadership and management teams' time.
	Other: N/A (Global)	Reputational- Inadequate access to water, sanitation and hygiene	Other: Constraint to future growth	Water quality is critical to human health and to economic growth. A decline in water quality would cause wider social disadvantages. For example, our employees, contractors and the communities in which we operate depend on access to safe, potable water.	Unknown	Unknown	Medium	New products, markets	Low-medium	We provide water treatment services to municipalities and industrial customers, which help to mitigate risks related to declining water quality. We also utilize our expertise in water treatment to protect both water quality and ecosystem stability at our job-sites. We also provide water supply planning and hydrogeological services. Costs associated with this strategy include labor costs for our Executive Leadership and management teams' time.
	Other: N/A	Regulatory- Regulation of	Higher operating	The delivery of our products and	4-6 years	Probable	Medium	Other: Comply with	Low-medium	With oversight from our Division

Country	River basin	Risk driver	Potential impact	Description of impact	Timeframe	Likelihood	Magnitude of potential financial impact	Response strategy	Costs of response strategy	Details of strategy and costs
	(Global)	discharge quality/volumes leading to higher compliance costs	costs	services involve water discharges, which are regulated. Thus, potential business impacts may include higher compliance costs.				local legal requirements or company own internal standards, whichever is more stringent		Presidents, we manage regulatory compliance of water discharges through a series of compliance- and values-based programs with defined responsibilities for our front-line workforce, including project leads, field workers and contractors in the field. Additionally, we engage with industry leaders and experts to monitor emerging regulations. We also make capital expenditures, when necessary, to maintain compliance. Costs associated with this strategy include capital expenditures and the labor costs associated with our compliance

Country	River basin	Risk driver	Potential impact	Description of impact	Timeframe	Likelihood	Magnitude of potential financial impact	Response strategy	Costs of response strategy	Details of strategy and costs
										programs.
	Other: N/A (Global)	Regulatory-Statutory water withdrawal limits/changes to water allocation	Other: Constraint to future growth	We use significant amounts of water for project delivery. Water stress may lead to withdrawal limits and/or changes to water allocation. Limits to our water supply could impact project delivery.	Unknown	Probable	High	New products, markets	Low-medium	We continue to explore ways to recycle and reduce water used for project delivery. Additionally, we focus on innovation and aim to increase awareness about innovation opportunities among our clients. Costs associated with this strategy include labor costs associated with our Executive Leadership and management teams' time
	Other: N/A (Global)	Reputational-Changes in consumer behavior	Brand damage	Our Company provides services to municipalities and industrial customers, many of whom will be increasingly considering suppliers' reputation related to water and	4-6 years	Probable	High	Engagement with customers	Medium	We manage our reputation through our commitment to sustainability as one of four core values at Layne. We engage with our customers and the communities we serve on water stewardship, and

Country	River basin	Risk driver	Potential impact	Description of impact	Timeframe	Likelihood	Magnitude of potential financial impact	Response strategy	Costs of response strategy	Details of strategy and costs
				sustainability in their decision-making and vendor selections. Also, reputation on performance related to water issues is increasingly important to our employees, investors and other stakeholders.						provide transparency on sustainability performance related to water issues through our website, annual sustainability report using the Global Reporting Initiative (GRI) guidelines and our annual CDP Water Information Request responses. Costs associated with this strategy include labor costs associated with our Executive Leadership and management teams' time.

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 impact	Timeframe	Likelihood	Magnitude of potential financial impact	Response strategy	Costs of response strategy	Details of strategy and costs
---------	-------------	-------------	------------------	-----------------------	-----------	------------	---	-------------------	----------------------------	-------------------------------

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
----------------	----------------

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	Our supply chain does not consist of a large portion of inputs that we would characterize as highly water-intensive with the exception of cement and fuel, some of which comes from China and the Middle East. While we occasionally purchase parts locally in Australia and Africa to assist in project delivery, we have the ability to mitigate potential risks by shipping parts to sites, as needed and based on economic considerations, and we maintain multiple sourcing options.

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
----------------	--------------

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	Sales of new products/services	Our Company provides total water management solutions across the life cycle for government	Current-up to 1 year	PROVIDING GOODS AND SERVICES THAT ENABLE OTHERS TO ADAPT TO PHYSICAL CHANGES,

Country or region	Opportunity	Strategy to realize opportunity	Estimated timeframe	Please explain
		agencies, commercial water suppliers, industrial facilities and energy companies. Layne's sustainable water solutions include water identification; water conveyance for sewers, wells and pipelines; water pump installation; water treatment; wastewater treatment, injection wells to prevent the disposal of wastewater into neighboring rivers and lakes and integrated water supply planning services.		GROWING POPULATIONS AND WATER DEMAND: With population and economic growth mounting in areas of water scarcity, the demand for specialized water well drilling is increasing. Our water management services enable Layne Christensen to help bring water to areas of the world that need it most. Our Water Resource Division's Layne Hydro group provides drought-planning services.
Company-wide	Sales of new products/services	As a water management company, we respond to growing global water demand, which is exacerbated by changing rainfall patterns. To manage these opportunities, we ensure that our products and services are aligned to meet the evolving needs associated with precipitation extremes, and that we are well-positioned competitively to gain the business.	Current-up to 1 year	CHANGING RAINFALL PATTERNS MAY INCREASE THE DEMAND FOR FLOOD DEFENSES AND STORMWATER SYSTEMS IN SOME AREAS: Our Heavy Civil and Water Resources divisions provide water infrastructure services that provide, protect and repair water systems following hurricanes
Company-wide	Sales of new products/services	Using our expertise in wastewater treatment facility and equipment design and construction, we are actively involved in developing and implementing technologies to help municipalities, food and beverage manufacturers, power producers, and oil and gas development companies to comply with environmental regulations related to wastewater reduction and discharges. Additionally, Layne is testing a new technology to reduce the levels of trihalomethanes (THMs) in municipal drinking water.	Current-up to 1 year	HELPING CUSTOMERS MEET WATER REGULATION REQUIREMENTS: Relative to the drinking water market, regulatory changes in the United States will drive demand for Layne Christensen's products and services. THMs, organic chemicals that occur in drinking water as a result of chlorine disinfectant treatment, are currently regulated with a maximum contaminant level.
Company-wide	Cost savings	We engaged in a significant effort to obtain more credible baseline data to support the achievement of future water efficiency improvements at our facilities.	4-6 years	INCREASING OUR OWN WATER STEWARDSHIP WITHIN OPERATIONS AND SERVICE DELIVERY: Increasing our awareness of the ways in which we use and dispose of water will help us to better manage our overall environmental footprint and reduce costs.
Company-wide	Sales of new products/services	We continue to develop and deliver products and services that respond to customer demand for water recycling, re-use and conservation services. For municipal wastewater treatment clients, Layne delivers deep injection well technology to safely dispose of waste. We have also begun drilling injection wells to provide power utilities with options	Current-up to 1 year	DEMAND FOR WATER RECYCLING, RE-USE, CONSERVATION, SPECIALIZED TREATMENT AND FILTRATION PRODUCTS AND SERVICES: For municipalities and water districts seek to upgrade aging facilities or meet increasingly stringent regulations, Layne provides low-waste treatment equipment, membrane bioreactor systems for re-use and treatment

Country or region	Opportunity	Strategy to realize opportunity	Estimated timeframe	Please explain
		for carbon sequestration that comply with regulations to protect underground sources of drinking water.		capabilities for use of marginal quality water supplies. Deep injection technology also presents an opportunity for Layne Christensen to utilize our historic drilling competencies to complement our wastewater treatment activities.
Company-wide	Sales of new products/services	We consult with clients and develop alternative, non-potable sources of water to ease the stress on municipal drinking water supplies in water scarce regions. Our recent activity in the industrial water and wastewater treatment sector also represents a growth area for our business. Layne has the capabilities to build and design desalination facilities, and engages with the American Water Works Association (AWWA) on water desalting.	Unknown	ADAPTATION, RESILIENCY AND CONTINUED INNOVATION: We anticipate two key areas in which Layne Christensen can respond to water scarcity challenges: (1) the development of alternative water supplies for industrial applications, and (2) the desalination of seawater. Developing a deeper understanding of the industrial water and wastewater sector's sustainability challenges and needs will help position Layne as a leader in this space.

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

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
----------------	----------------

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 the change if substantive
			Water risks identified in Question W3.2a are not based on facilities. These are specific to the job-sites where we deliver our services. We currently track water data at facilities and not job-sites. Additionally, all water risks identified in Question W3.2 were international. Our boundary is limited to United States facilities.			

Further Information

Page: W5. Facility Level Water Accounting (II)

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
---------------------------	---------------------	---------------------------------	-----------	-------------------------	-----------------------------	------------------------	-----------------	--------------------------------------	---------

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

Facility reference number	Total water discharged (megaliters/year) at this facility	How does the total water discharged at this facility compare to the last reporting year?	Please explain the change if substantive
			Water risks identified in Question W3.2a (Australia and selected countries in Africa) are not based on facilities. These are specific to the job-sites where we deliver our services. We do not currently track water discharge volumes at job-sites at these job-sites.

W5.2a

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 Treatment Plant	Seawater	Groundwater	Comment
---------------------------	---------------------	---------------------------	----------	-------------	---------

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 the change if substantive
			Water risks identified in Question W3.2a (Australia and selected countries in Africa) are not based on facilities. These are specific to the job-sites where we deliver our services. We do not currently track water consumption.

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 aspect	% verification	What standard and methodology was used?
Water withdrawals- total volumes	Not verified	N/A
Water withdrawals- volume by sources	Not verified	N/A
Water discharges- total volumes	Not verified	N/A
Water discharges- volume by destination	Not verified	N/A
Water discharges- volume by treatment method	Not verified	N/A
Water discharge quality data- quality by standard effluent parameters	Not verified	N/A
Water consumption- total volume	Not verified	N/A

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
Senior Manager/Officer		Our water strategy is managed by our President of the Water Resources Division, who reports directly to the CEO.

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	Helping clients respond to global water challenges is central to our Company's growth strategy and vision to be a leader in providing sustainable solutions. Our water strategy has enabled us to develop total water management solutions across the life cycle for government agencies, commercial water suppliers, industrial facilities and energy companies. The importance of water to our Company also enables us to create value and engage employees through our sustainability program.
Investment in staff/training	Helping clients respond to global water challenges is central to our Company's growth strategy and vision to be a leader in providing sustainable solutions. Our water strategy has enabled us to develop total water management solutions across the life cycle for government agencies, commercial water suppliers, industrial facilities and energy companies. The importance of water to our Company also enables us to create value and engage employees through our sustainability program.
Water resource considerations are factored into new product development	Helping clients respond to global water challenges is central to our Company's growth strategy and vision to be a leader in providing sustainable solutions. Our water strategy has enabled us to develop total water management solutions across the life cycle for government agencies, commercial water suppliers, industrial facilities and energy companies. The importance of water to our Company also enables us to create value and engage employees through our sustainability program.
Water resource considerations are factored into new market exploration	Helping clients respond to global water challenges is central to our Company's growth strategy and vision to be a leader in providing sustainable solutions. Our water strategy has enabled us to develop total water management solutions across the life cycle for government agencies, commercial water suppliers, industrial facilities and energy companies. The importance of water to our Company also enables us to create value and engage employees through our sustainability program.
Tighter operational performance standards	Helping clients respond to global water challenges is central to our Company's growth strategy and vision to be a leader in providing sustainable solutions. Our water strategy has enabled us to develop total water management solutions across the life cycle for government agencies, commercial water suppliers, industrial facilities and energy companies. The importance of water to our Company also enables us to create value and engage employees through our sustainability program.

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	We currently see only positive impacts to our business strategy related to water, and remain focused on the continued development and deployment of products and services that respond to growing water demand and the need to manage limited global water resources.

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
-----------------------	-----------------------

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
Select facilities only	We have environmental operating guidelines, but we do not have a water policy to support our overarching strategy as described herein.

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
		Information not available for fiscal year 2015.

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

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
---------------	----------	----------------------	---	------------------	----------	---------------------

W7.1b

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

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
---------------------	-------------------------

Further Information

Page: W8. Targets and Initiatives

W8.1

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

Yes, goals 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
--------------------	------------	-----------------------	----------------------------------	----------------	-------------	--

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
Educate customers to help them minimize product impacts	Sales of new products/services	To increase the percentage of revenue from sustainable water solutions.	We aim to implement criteria and a baseline from which we can increase revenue from sustainable water solutions.

Goal	Motivation	Description of goal	Progress
Other: Reduce operational water footprint	Cost savings	To reduce water withdrawals at our facilities and begin to track water data at job-sites	We have established a baseline and have begun to explore strategies for the reduction of water sourced from the municipal supply at our U.S. facilities.
Engagement with public policy makers to advance sustainable water policies and management	Shared value	To provide valued perspectives and thought leadership as appropriate	Through participation in trade association committees, technical experts in the Water Resources Division review and comment on draft federal legislation related to the protection and management of the nation's groundwater resources. We have multiple professionals engaged in developing and promoting policies, standards and manuals related to water management and infrastructure through professional and industry associations.

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

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

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
----------------------	----------------------	------------------

Further Information

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
Troy Hantla	Sr. HR Manager – Compensation, Labor Relations & HRIS	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.

Yes

Further Information

CDP