



Water 2015 Information Request Husky Energy Inc.

Module: Introduction

Page: W0. Introduction

W0.1 Introduction

Please give a general description and introduction to your organization.

Husky Energy is one of Canada's largest integrated energy companies. It is based in Calgary, Alberta, Canada and its common shares are publicly traded on the Toronto Stock Exchange under the symbol HSE. The Company operates in Canada, the United States and the Asia Pacific Region with Upstream and Downstream business segments.

W0.2 Reporting year

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

Period for which data is reported
Wed 01 Jan 2014 - Wed 31 Dec 2014

W0.3 Reporting boundary

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

Companies, entities or groups over which operational control is exercised

W0.4 Exclusions

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

Yes

W0.4a

Exclusions

Please report the exclusions in the following table

Exclusion	Please explain why you have made the exclusion
Asia Pacific Operations	Water data for this region is not currently consolidated at the corporate level. 2014 water uses were relatively minor and limited to drilling and completions operations.
Retail Operations	Retail operations are a mix of corporate and franchised locations. Water use (eg car washes) is not tracked.
Rainwater, domestic use	These sources are not consistently tracked. Domestic water use at field facilities is tracked, but is not included herein for the purpose of consistency.

Further Information

Forward-Looking Statements and Information Certain statements in this document are forward-looking statements and information (collectively “forward-looking statements”), within the meaning of the applicable Canadian securities legislation, Section 21E of the United States Securities Exchange Act of 1934, as amended, and Section 27A of the United States Securities Act of 1933, as amended. The forward-looking statements contained in this document are forward-looking and not historical facts. Some of the forward-looking statements may be identified by statements that express, or involve discussions as to, expectations, beliefs, plans, objectives, assumptions or future events or performance (often, but not always, through the use of words or phrases such as “will likely result”, “are expected to”, “will continue”, “is anticipated”, “is targeting”, “estimated”, “intend”, “plan”, “projection”, “could”, “aim”, “vision”, “goals”, “objective”, “target”, “schedules” and “outlook”). In particular, forward-looking statements in this document include, but are not limited to, references to: • with respect to the business, operations and results of the Company generally: planned scope of water risk assessments; the Company’s general strategic plans and growth strategies; proportion of financial value that could be affected by water risks that could generate a substantive change in the Company’s business, operations, revenue, or expenditure; anticipated time frame, likelihood, magnitude of potential financial impact, planned response strategy, and anticipated costs of response strategy for inherent water risks that could generate a substantive change in the Company’s business, operations, revenue, or expenditure; anticipated opportunities presented to the Company by water, and strategies and estimated time frame to realize such opportunities; and the Company’s qualitative goals related to water; and • with respect to the Company’s Heavy Oil properties: [anticipated timing of commencement of production from thermal facilities located in the Athabasca River Watershed; and] anticipated magnitude of water volume variations at the Company’s thermal facilities located in the Athabasca River Watershed. Although the Company believes that the expectations reflected by the forward-looking statements presented in this document are reasonable, the Company’s forward-looking statements have been based on assumptions and factors concerning future events that may prove to be inaccurate. Those assumptions and factors are based on information currently available to the Company about itself and the businesses in which it operates. Information used in developing forward-looking statements has been acquired from various sources including third party consultants, suppliers, regulators and other sources. Because actual results or outcomes could differ materially from those expressed in any forward-looking statements, investors should not place undue reliance on any such forward-looking statements. By their nature, forward-looking statements involve numerous assumptions, inherent risks and uncertainties, both general and specific, which contribute to the possibility that the predicted outcomes will not occur. Some of these risks, uncertainties and other factors are similar to those faced by other oil and gas companies and some are unique to Husky. The Company’s Annual Information Form for the year ended December 31, 2014 and other documents filed with securities regulatory authorities (accessible through the SEDAR website www.sedar.com and the EDGAR website www.sec.gov) describe risks, material assumptions and other factors that could influence actual results and are incorporated herein by reference. Any forward-looking statement speaks only as of the date on which such statement is made, and, except as required by applicable securities laws, the Company undertakes no obligation to update any forward-looking statement to reflect events or circumstances after the date on which such statement is made or to reflect the occurrence of unanticipated events. New factors emerge from time to time, and it is not possible for management to predict all of such factors and to assess in advance the impact of each such factor on the Company’s business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statement. The impact of any one factor on a particular forward-looking statement is not determinable with certainty as such factors are dependent upon other factors, and the Company’s course of action would depend upon its assessment of the future considering all information then available.

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

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

Water quality and quantity	Direct use importance rating	Indirect use importance rating	Please explain
Sufficient amounts of good quality freshwater available for use	Vital for operations	Important	Good quality freshwater is an integral part of Husky's onshore operations and facilities. Potable water is vital for all of Husky's manned facilities which are associated with a large proportion of operations.
Sufficient amounts of recycled, brackish and/or produced water available for use	Vital for operations	Important	Water is used in a variety of processes employed by Husky including offshore and onshore production, refining, upgrading, etc. These form a large proportion of operations.

W1.2

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

Water aspect	% of sites/facilities/operations	Please explain
Water withdrawals- total volumes	76-100	Husky's Environmental Performance Reporting System (EPRS) tracks water withdrawals for compliance, corporate reporting and to inform water management. Produced water volumes are tracked in Husky's Production Volume Reporting (PVR) system.
Water withdrawals- volume by sources	76-100	EPRS tracks volumes for each water source.
Water discharges- total volumes	76-100	Husky's Environmental Performance Reporting System (EPRS) tracks water discharges for corporate reporting and to inform water management.. These include water discharges to surface water bodies and deep well disposal.
Water discharges- volume by destination	76-100	EPRS tracks volumes for each water discharge.
Water discharges- volume by treatment method	76-100	EPRS tracks volumes for each water discharge.
Water discharge quality data-quality by standard effluent parameters	76-100	Husky has only several facilities that discharge water to surface water. These facilities manage water data quality according to their regulatory requirements.
Water consumption- total volume	76-100	Water data for withdrawals and discharge are tracked in EPRS and PVR. These are used to determine water consumption.
Facilities providing fully-functioning WASH services for all workers	76-100	Husky provides fully functioning Water, Sanitation, and Hygiene (WASH) services for all workers, in accordance with Occupational Health and Safety requirements in all of its operating areas.

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
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Source	Quantity (megaliters/year)	How does total water withdrawals for this source compare to the last reporting year?	Comment
Fresh surface water	21163	Higher	Freshwater withdrawals increased due to startup of a thermal facility in Saskatchewan
Brackish surface water/seawater	16465	About the same	No change
Rainwater	0	Not applicable	Husky does not consistently track this metric. Minor uses from surface collection ponds, particularly for use in construction, drilling, and completions operations, are included in the "Fresh surface water metric"
Groundwater - renewable	3731	About the same	No change. Groundwater is obtained from aquifers at depths ranging from 4 m to 650 m, with varying water quality from fresh to saline. Due to the variation in definition of renewable versus non-renewable groundwater sources, Husky is reporting all groundwater withdrawals as renewable.
Groundwater - non-renewable	0	About the same	No change
Produced/process water	118833	About the same	No change. This metric includes produced water that is reinjected for production, and produced water that is sent for deep well disposal.
Municipal supply	0	Not applicable	Husky does not consistently track this metric. Where tracked, volumes are included in the "Fresh surface water metric"
Wastewater from another organization	94	Higher	Process affected water from an oilsands operator
Total	160286	About the same	No change

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	5308	About the same	No change
Brackish surface water/seawater	10698	Lower	There was a decrease in cooling water requirements in 2014 and a relatively higher percentage of cooling water was injected into the production zone.
Groundwater	59900	About the same	No change
Municipal treatment plant	0	Not applicable	Husky does not consistently track this metric; volumes are not significant relative to other discharge volumes.
Total	75906	About the same	No change

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
93435	About the same	This number includes the sum of (fresh and brackish surface water and groundwater withdrawals, wastewater withdrawals from another company, discharge to groundwater [deep well disposal], and water produced offshore which is discharged to the ocean) less (fresh and brackish water returned to surface).

W1.3

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

No

W1.3b

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

Primary reason	Please explain
Important but not an immediate business priority	Husky recognizes the importance of supplier water use and risk management, however, time and resources are currently focused on managing Husky's direct water use and risks.

W1.4

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

Yes

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
United States of America	Other: Maumee River Watershed	Reg-Regulation of discharge quality/volumes leading to higher compliance costs	Fines/penalties	Minor fines at Lima Refinery for regulatory discharge exceedance.	Single year.	\$4000 in penalties	Greater due diligence	Evaluating new wastewater treatment equipment to prevent future regulatory exceedances.

Further Information

Module: Risk Assessment

Page: W2. Procedures and Requirements

W2.1

Does your organization undertake a water-related risk assessment?

Water risks are assessed

W2.2

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

Risk assessment procedure	Coverage	Scale	Please explain
Water risk assessment undertaken independently of other risk assessments	Direct operations	Some facilities	Husky completed a number of water risk assessments in 2014. Risk assessments are planned for all operations.

W2.3

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

Frequency	Geographic scale	How far into the future are risks considered?	Comment
Sporadically not defined	Facility	>6 years	Water risk assessments are prioritized based on an evaluation of corporate water risks. Each risk assessment is followed by development of a water management plan. The water management plan defines a schedule for the risk assessment to be revisited. This schedule will vary depending on the facility and context.

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 10 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?

Risks are evaluated using a risk matrix. The risk matrix includes environmental, reputational, financial, legal, regulatory, and health and safety aspects. Material water-related risks are captured in Husky's corporate risk register.

W2.5

Please state the methods used to assess water risks

Method	Please explain how these methods are used in your risk assessment
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Method	Please explain how these methods are used in your risk assessment
Internal company knowledge IPIECA Global Water Tool for Oil & Gas Regional government databases Other: Husky corporate risk assessment process	Corporate-level risk assessment follows the Husky risk assessment process using internal company resources and government data. Facility-level water risk assessments have further used internal expertise and regional-scale government data to elaborate on local water risks. The IPIECA Tool (and other tools) were chosen to help define the scope and highlight important factors to include in both corporate and facility-level risk assessments.

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	These aspects are subject to regulatory scrutiny in Husky's operating areas, and are considered in risk assessments.
Current water regulatory frameworks and tariffs at a local level	Relevant, included	Regulatory aspects, including tariffs, are one of the fundamental criteria evaluated in risk assessments.
Current stakeholder conflicts concerning water resources at a local level	Relevant, included	Stakeholder values and concerns (including conflicts) are included in risk assessments.
Current implications of water on your key commodities/raw materials	Not evaluated	Implications of water on Husky's key commodities/raw materials are not evaluated in detail.
Current status of ecosystems and habitats at a local level	Relevant, included	Biophysical context for Husky's operations is included in risk assessments.
Current river basin management plans	Relevant, included	Watershed management plans, where available, are included in Husky's risk assessments.
Current access to fully-functioning WASH services for all employees	Relevant, included	Providing access to WASH services for all employees is a minimum standard for all Husky operations. Any potential to impact this access is considered as part of our risk assessments.
Estimates of future changes in water availability at a local level	Relevant, included	Availability and reliability of water at a local level are included in Husky's risk assessments.
Estimates of future potential regulatory changes at a local level	Relevant, included	The potential for regulatory changes at a local, provincial or federal level are included in Husky's risk assessments.
Estimates of future potential stakeholder conflicts at a local level	Relevant, included for some facilities/suppliers	Stakeholder issues (including the potential for conflict) are included in Husky's risk assessments. Risk assessments also include how these concerns may change over time, particularly when considering new projects.
Estimates of future implications of water on your key commodities/raw materials	Not evaluated	Implications of water on Husky's key commodities/raw materials are not evaluated in detail.
Estimates of future potential changes in the status of ecosystems and habitats at a local level	Relevant, not yet included	Biophysical context for Husky's operations is included in risk assessments. Numerous variables (not all of which are in the Company's control) affect how this context will change over time, and as such these potential future scenarios are not included in Husky's risk assessment at this time.

Issues	Choose option	Please explain
Scenario analysis of availability of sufficient quantity and quality of water relevant for your operations at a local level	Relevant, included	This is typically required to obtain water licensing in Husky's onshore operating areas.
Scenario analysis of regulatory and/or tariff changes at a local level	Relevant, included for some facilities/suppliers	Considered for new projects
Scenario analysis of stakeholder conflicts concerning water resources at a local level	Relevant, included for some facilities/suppliers	Considered for new projects
Scenario analysis of implications of water on your key commodities/raw materials	Not evaluated	Implications of water on Husky's key commodities/raw materials are not evaluated in detail.
Scenario analysis of potential changes in the status of ecosystems and habitats at a local level	Relevant, not yet included	Numerous variables (not all of which are in the Company's control) affect how this context will change over time, and as such these potential future scenarios are not included in Husky's risk assessment at this time.
Other		

W2.7

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

Stakeholder	Choose option	Please explain
Customers	Not evaluated	Customers are not an influencer of Husky's water risk.
Employees	Relevant, included	The perspective of Husky's employees provides local knowledge and operational expertise when conducting risk assessments.
Investors	Relevant, included for some facilities/suppliers	The perspective of Husky's investors is a consideration when conducting risk assessments.
Local communities	Relevant, included	Local communities may be influencers of Husky's water risk.
NGOs	Relevant, included for some facilities/suppliers	NGOs may be influencers of Husky's water risk.
Other water users at a local level	Relevant, included	Other water users may be influencers of Husky's water risk.
Regulators	Relevant, included	Regulators may be influencers of Husky's water risk.
River basin management authorities	Relevant, included	River basin management authorities may be influencers of Husky's water risk.
Statutory special interest groups at a local level	Relevant, included	Local special interest groups may be influencers of Husky's water risk.
Suppliers	Relevant, not yet included	Husky is sensitive to the concept that suppliers may be vulnerable to water risk. To date this has not been judged a substantive risk and as such as not been evaluated in detail.
Water utilities/suppliers at a local level	Relevant, included for some facilities/suppliers	Where water is supplied via a third party (such as a utility), these entities may be key influencers of Husky's water risk.
Other		

Further Information

Module: Implications

Page: W3. Water Risks

W3.1

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

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

Husky's enterprise risk management program supports decision-making via comprehensive and systematic identification and assessment of risks that could materially impact the results of the Company. Through this framework, the Company builds risk management and mitigation into strategic planning and operational processes for its business units through the adoption of standards and best practices. Husky has developed an enterprise risk matrix to identify risks to its people, the environment, its assets and its reputation, and to systematically mitigate these risks to an acceptable level.

Husky defines substantive change as having a financial impact of greater than ten (10) million dollars. The corporate risk register is revisited on at least an annual basis, while the matrix is evaluated every three years.

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
Canada	Other: Atlantic Ocean	1	11-20	Proportion of total operations based on % global production capacity.
Canada	Other: North Saskatchewan River Watershed	6	11-20	Proportion of total operations based on % global production capacity.
United States of America	Other: Ohio - Maumee River Watershed	1	71-80	Proportion of total operations based on % global refinery throughput.
Canada	Other: Athabasca River Watershed	1	Less than 1%	Proportion of total operations based on % global production capacity. Thermal facility started steaming in 2014, with oil production commencing in 2015

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
Canada	Other: Atlantic Ocean	% global production capacity	11-20	
Canada	Other: North Saskatchewan River Watershed	% global production capacity	11-20	
United States of America	Other: Ohio- Maumee River Watershed	Other: % global refinery throughput	71-80	
Canada	Other: Athabasca River Watershed	% global production capacity	Less than 1%	Thermal facility started steaming in 2014, with oil production commencing in 2015

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
Canada	Other: Atlantic Ocean	Other: Physical - Ice & Icebergs	Closure of operations	The potential consequences of a severe weather or iceberg-related event to Husky's offshore operations include possible production disruptions, spills, asset damage and human impacts. While this is mitigated through the methods described below, financial implications of a severe event could be greater than \$10 million.	Current-up to 1 year	Unlikely	High	Other: Annual monitoring and management	Medium	Husky has an ice management program that includes ice surveillance aircraft. Regular surveillance flights commence in February and continue until the threat has abated. Husky employs support vessels to actively manage ice and icebergs. These vessels are equipped with tools

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
										including towing ropes and nets and water cannons. The Company maintains ad-hoc relationships with contractors, allowing the quick mobilization of additional resources. It spends an average of \$13.5 million per year on the ice management program.
Canada	Other: Saskatchewan: North Saskatchewan River Basin	Regulatory-Mandatory water efficiency, conservation, recycling or process standards	Higher operating costs	Potential for increased water recycling requirement in Saskatchewan.	Unknown	Unknown	Medium-high	Engagement with public policy makers Infrastructure investment	Medium-high	Preparing for possible changes to regulation by (1) engaging with regulators to anticipate planned changes; (2) evaluating water risk at the facility level for all of the heavy oil operations; (3) research of water recycling technology.

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
United States of America	Other: Ohio: Maumee River Watershed	Regulatory-Regulation of discharge quality/volumes leading to higher compliance costs	Higher operating costs	Increased regulatory requirements relating to discharge.	1-3 years	Probable	Medium-high	Infrastructure investment	Medium-high	Evaluating additional water treatment infrastructure to ensure this risk is addressed through treatment and/or reduction of effluent streams.
Canada	Other: Athabasca River Watershed	Physical-Increased water scarcity	Higher operating costs	Potential for change by neighbouring operator to affect access to water at the Sunrise Energy Project.	Unknown	Unlikely	High	Engagement with other stakeholders in the river basin Engagement with suppliers	Low	Continue to engage with industry peers on plans, collaborate for mutual benefit.

W3.2f

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

Primary reason	Please explain
Other:	Husky has prioritized addressing its internal water considerations and has no immediate concerns regarding substantive supplier water risks. For example, the Company's supply chain faces risks relating to flooding that may impact our operation. These risks are mitigated through the Company's business continuity plan, which provides provisions to minimize business interruption.

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
Canada	Carbon management Competitive advantage Cost savings Increased shareholder value Improved water efficiency Innovation R&D Social licence to operate Staff retention	Water sourcing and treatment is a factor in Husky's Oil Sands and Heavy Oil project costs. Husky employs both corporate and Business Unit teams to research technology that could reduce water sourcing costs, water treatment costs, and water disposal costs.	Unknown	There is no timeframe for implementation of technology that would make a substantive change in operations. This will be evaluated on a regular basis.
Other: Canada & United States of America	Competitive advantage Increased brand value Improved community relations Increased shareholder value Social licence to operate Staff retention	Transparency - Husky issues a Community Report each year which includes water metrics and discussion on water management. Husky also communicates to stakeholders through townhall and individual meetings.	1-3 years	

Country or region	Opportunity	Strategy to realize opportunity	Estimated timeframe	Please explain
Other: Canada & United States of America	Cost savings Improved community relations Improved water efficiency Innovation Regulatory changes Social licence to operate	Continued improvement of the Environmental Performance Reporting System (EPRS) – Water Module. Through EPRS, Husky systematically gathers, calculates, and reports data relating to environmental performance. The water module enables Husky to track water usage trends, and aids in the identification and prioritization of opportunities for water use reduction and recycling in its operations.	1-3 years	
Canada	Cost savings Improved community relations Increased shareholder value Improved water efficiency Innovation Social licence to operate	Funding joint industry project to characterize water source and disposal alternatives in major tight gas play areas of Western Alberta.	1-3 years	
Canada	Cost savings Improved water efficiency Innovation Regulatory changes R&D Social licence to operate Staff retention	Collaboration on water technology projects through the Petroleum Technology Alliance of Canada (PTAC) and the Canadian Oil Sands Innovation Alliance (COSIA) (e.g. the Water Technology Development Centre).	1-3 years	

Country or region	Opportunity	Strategy to realize opportunity	Estimated timeframe	Please explain
Other: Canada-Alberta	Competitive advantage Cost savings Improved community relations Increased shareholder value Regulatory changes Social licence to operate	Creating a comprehensive wetland database to enable future cost reductions associated with wetland compensation under Alberta's new Wetland Policy.	>6 years	
Canada	Improved community relations Social licence to operate	Developed corporate risk assessment and planning procedure for water course crossings. This procedure is expected to increase environmental protection.	1-3 years	
Canada	Cost savings Improved water efficiency	Water recycle during drilling	Current-up to 1 year	
Canada	Improved community relations Regulatory changes Social licence to operate	Husky is currently on the North Saskatchewan Watershed Alliance's (NSWA) Board of Directors as the Petroleum Representative. NSWA supports stakeholder and public discussions concerning all aspects of Integrated Watershed Management for the North Saskatchewan River watershed in Alberta.	1-3 years	

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
Facility 1	Canada	Other: Atlantic Ocean	Sea Rose	20532	Higher	This year produced water has been included as a water withdrawal.
Facility 2	Canada	Other: North Saskatchewan River	Bolney	5947	Higher	This year produced water has been included as a water withdrawal, which increases the overall number. Fresh water withdrawal decreased at this in situ thermal project, due to variations that are a function of reservoir characteristics and project stage.
Facility 3	Canada	Other: North Saskatchewan River	Pikes Peak	3137	Higher	This year produced water has been included as a water withdrawal, which increases the overall number. Fresh water withdrawal decreased at this in situ thermal project, due to variations that are a function of reservoir characteristics and project stage.
Facility 4	Canada	Other: North Saskatchewan River	Pikes Peak South	3786	Higher	This year produced water has been included as a water withdrawal. Fresh water withdrawal increased at this in situ thermal project, due to variations that are a function of reservoir characteristics and project stage.
Facility 5	Canada	Other: North Saskatchewan River	Paradise Hill	1534	Higher	This year produced water has been included as a water withdrawal. Fresh water withdrawal increased at this in situ thermal project, due to variations that are a function of reservoir characteristics and project stage.
Facility 6	Canada	Other: North Saskatchewan River	Rush Lake	448	Higher	This year produced water has been included as a water withdrawal. Fresh water withdrawal increased at this in situ thermal project, due to variations that are a function of reservoir characteristics and project stage.
Facility 7	Canada	Other: North Saskatchewan River	Sandall	1298	Much higher	This is the first complete year in operation. Fresh water withdrawal increased at this in situ thermal project, due to variations that are a function of reservoir characteristics and project stage. Additionally, produced water has been included as a water withdrawal.
Facility 8	United States of America	Other:	Lima Refinery	6802	About the same	No significant change.
Facility 9	Canada	Other: Athabasca River	Sunrise Thermal Project	141	This is our first year of measurement	This in situ thermal facility started to inject steam for the first time at the end of 2014.

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
Facility 1	0	16465	0	0	0	4067	0	0	All produced water passing regulatory criteria is discharged to the sea.
Facility 2	2661	0	0	0	0	3286	0	0	All produced water from this facility goes to deep well disposal.
Facility 3	1412	0	0	0	0	1725	0	0	All produced water from this facility goes to deep well disposal.
Facility 4	2592	0	0	0	0	1194	0	0	All produced water from this facility goes to deep well disposal.
Facility 5	912	0	0	0	0	622	0	0	All produced water from this facility goes to deep well disposal.
Facility 6	235	0	0	0	0	213	0	0	All produced water from this facility goes to deep well disposal.
Facility 7	829	0	0	0	0	469	0	0	All produced water from this facility goes to deep well disposal.
Facility 8	5481	0	0	1321	0	0	0	0	
Facility 9	47	0	0	0	0	0	0	94	This facility started injecting steam into the formation in 2014; there was no produced water in 2014.

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
Facility 1	10698	Lower	There was a decrease in cooling water requirements in 2014 and a relatively higher percentage of cooling water was injected into the production zone.

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
Facility 2	3910	About the same	No substantive change. General water volume variations at this thermal project are a function of reservoir characteristics and project stage.
Facility 3	1903	Lower	General water volume variations at this thermal project are a function of reservoir characteristics and project stage.
Facility 4	1933	About the same	No substantive change. General water volume variations at this thermal project are a function of reservoir characteristics and project stage.
Facility 5	892	Higher	General water volume variations at this thermal project are a function of reservoir characteristics and project stage.
Facility 6	209	Higher	General water volume variations at this thermal project are a function of reservoir characteristics and project stage.
Facility 7	700	Higher	2014 was the first complete year of production at Sandall and subsequently overall production increased. General water volume variations at this thermal project are a function of reservoir characteristics and project stage.
Facility 8	5054	About the same	No substantive change.
Facility 9	35	This is our first year of measurement	General water volume variations at this thermal project will be a function of reservoir characteristics and project stage.

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
Facility 1	0	0	10698	0	Water discharged to sea includes cooling water and produced water.
Facility 2	0	0	0	3910	
Facility 3	0	0	0	1903	
Facility 4	0	0	0	1933	
Facility 5	0	0	0	892	
Facility 6	0	0	0	209	
Facility 7	0	0	0	700	
Facility 8	5054	0	0	0	
Facility 9	0	0	0	35	

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
Facility 1	13902	Higher	This year produced water has been included as consumption.

Facility reference number	Consumption (megaliters/year)	How does this compare to the last reporting year?	Please explain the change if substantive
Facility 2	6571	Higher	This year produced water has been included as consumption, which increases the overall number. Fresh water consumption was lower. General water volume variations at this thermal project are a function of reservoir characteristics and project stage.
Facility 3	3315	Higher	This year produced water has been included as consumption. Fresh water consumption was lower, which increases the overall number. General water volume variations at this thermal project are a function of reservoir characteristics and project stage.
Facility 4	4525	Higher	This year produced water has been included as consumption. Fresh water consumption was higher. General water volume variations at this thermal project are a function of reservoir characteristics and project stage.
Facility 5	1804	Higher	This year produced water has been included as consumption. Fresh water consumption was higher. General water volume variations at this thermal project are a function of reservoir characteristics and project stage.
Facility 6	444	Higher	This year produced water has been included as consumption. Fresh water consumption was higher. General water volume variations at this thermal project are a function of reservoir characteristics and project stage.
Facility 7	1529	Much higher	First complete year in operation. This year produced water has been included as consumption. Fresh water consumption was higher. General water volume variations at this thermal project are a function of reservoir characteristics and project stage.
Facility 8	1749	Lower	No significant change.
Facility 9	141	This is our first year of measurement	This is the first year of measurement.

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	Where there are material changes year over year, numbers are internally verified with operations.
Water withdrawals- volume by sources	Not verified	Where there are material changes year over year, numbers are internally verified with operations.
Water discharges- total volumes	Not verified	Where there are material changes year over year, numbers are internally verified with operations.
Water discharges- volume by destination	Not verified	Where there are material changes year over year, numbers are internally verified with operations.
Water discharges- volume by treatment method	Not verified	Where there are material changes year over year, numbers are internally verified with operations.
Water discharge quality data- quality by standard effluent parameters	Not verified	Where there are material changes year over year, numbers are internally verified with operations.
Water consumption- total volume	Not verified	Where there are material changes year over year, numbers are internally verified with operations.

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	Scheduled - monthly	

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 a clear water strategy	Husky has a Water Conservation Guideline. This guideline outlines: 1) strategies for ensuring responsible use of fresh water 2) key performance indicators relating to water use and inventory 3) responsibilities for implementing and complying with the guideline This guideline is applicable to all facilities operated by Husky; it is currently enacted in its North American operations.
Greater regulator engagement	Husky is an active member of the Canadian Association of Petroleum Producers (CAPP). Through both CAPP and unilateral engagement with regulators, Husky provides feedback on new and emerging regulation related to water.
Alignment of public policy positions with water stewardship goals	Husky considers public policy objectives when developing local water management plans.
Publicly demonstrated our commitment to water	In addition to participating in the CDP Water disclosure, Husky discloses water management information via Husky's annual Community Report. Husky's public disclosure of water management practices has allowed Husky to improve the Company's relationship with investors, including performance on scoring mechanisms such as the Sustainalytics ESG report.
Water resource considerations are factored into location planning for new operations	
Water resource considerations are factored into site expansions	

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
Increased capital expenditure	Capital is required to protect and remediate fresh water, identify and evaluate water sourcing and discharge options, and implement water storage and treatment technologies. The potential for increased capital expenditure has further motivated efforts to identify opportunities for increased water efficiency.

W6.3
Does your organization have a water policy that sets out clear goals and guidelines for action?

Yes

W6.3a
Please select the content that best describes your water policy (tick all that apply)

Content	Please explain why this content is included
Company-wide Incorporated within group environmental, sustainability or EHS policy	Water is an important consideration in all of Husky's operational areas. In 2014, Husky's water policy was addressed as part of the Company's corporate HS&E Policy and Operational Integrity Management System. Water should not be considered in isolation of other important priorities addressed by these programs, such as health and safety.

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
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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?

Yes, not significant

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
Lima	Penalty	In 2014 the Lima Refinery was assessed \$4000 in penalties for exceedances to Husky's EPA NPDES (National Pollution Discharge Elimination System) Water Permit. The penalties were for a total of eight instances where discharged water did not meet the quality standards required by Husky's Permit.	8	4000	USD(\$)	Evaluating additional water treatment infrastructure to ensure this risk is addressed through treatment and/or reduction of effluent streams.

W7.1b

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

0.25%

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
0.25	No change

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

W8.1b

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
Other: Reduction of fresh water intensity	Risk mitigation	Where practicable, Husky evaluates opportunities to use alternatives to freshwater.	Where alternatives perform better than freshwater in terms of mitigating risk, these alternatives are pursued. For example, in one case Husky made investments to use process-affected water to supplement water supply for a project.

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?

Yes

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
Energy consumption/ Associated emissions	Trade-off	Treatment of lower-quality sources requires energy. Reducing consumption of freshwater may come at a cost in terms of GHG and other air emissions.
Land	Trade-off	Use of lower quality sources will more than likely require the overland transport of those water types. In the case of saline sources, for example, leaks or spills will have a greater impact than if freshwater were used. Reducing consumption of freshwater therefore may come at a cost in terms of risks to land. Treatment of lower quality sources may also require a larger footprint than is required for freshwater sources.
Ecosystem health	Linkage	Lowering Husky's use of freshwater in basins that are constrained (including in the case of a temporary drought) can contribute to maintaining ecosystem health.

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
Lois Garrett	Vice President, Corporate Responsibility	Other: Vice President

W10.2

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

No

Further Information

CDP: [D][-,][D2]