

W0. Introduction

This module requests information about your organization's disclosure to CDP and will help data users to interpret your responses in the context of your business operations, timeframe and reporting boundary. The information provided here should apply consistently to your responses throughout the questionnaire and be complete and accurate as it may determine response options presented in subsequent modules. For this reason, you should respond to every question in this module and save your response before accessing the rest of the questionnaire.

W0.1

(W0.1) Give a general description of and introduction to your organization.

GENERAL NiSource, Inc. is a leading natural gas and electric utility company. Our nearly 8,000 employees ensure approximately 4 million Columbia Gas and NIPSCO customers have the energy they need across seven U.S. states. We're one of the largest fully regulated utility companies in the United States, covering service territories across Indiana, Kentucky, Maryland, Massachusetts, Ohio, Pennsylvania and Virginia. NiSource and its companies are committed to pursuing strong programs that prioritize environmental, health and safety responsibilities and achieves environmental, health and safety excellence. Our vision is to establish a legacy of social responsibility and environmental stewardship reflective of a premier energy company.

GAS DISTRIBUTION OPERATIONS NiSource's natural gas distribution operations operate approximately 59,000 miles of pipe and serve approximately 3.5 million customers across seven states.

ELECTRIC GENERATION OPERATIONS Through its subsidiary company NIPSCO, NiSource generates, transmits, and distributes electricity to approximately 468,000 customers in northern Indiana. NIPSCO electric transmission is marketed by the Midcontinent Independent Systems Operators (MISO), a nonprofit organization created to offer regional wholesale electric transmission services under one tariff compliant with the Federal Energy Regulatory Commission (FERC) regulations to enhance the reliability of electric power availability. NIPSCO owns and operates three coal-fired generating stations, one combined-cycle gas turbine generating station, and two hydroelectric generating stations. The NIPSCO fleet has a combined electric generating capacity of approximately 4,000 megawatts (4,000 MW) and is diverse in its portfolio providing electric service from fossil fuel, natural gas, hydroelectric, and purchased renewable source credits such as wind power.

WATER Our coal-fired and combined cycle natural gas turbine units use water to generate steam to turn turbines as well as to provide cooling water for condensers and water re-use. While NIPSCO operates electric generating facilities in an area with abundant fresh water resources, we recognize the need to maintain water quantity and quality in our region and continue to invest in and maintain or improve water quality. A particular focus area is northern Indiana, where our use of water in electric generation is the highest among our operating areas. We continue to identify and implement new technology that ensures environmental compliance and the preservation of this vital resource for the surrounding community. For example, our electric generation facilities return approximately 95 percent of withdrawn water to surface water bodies in an environmentally responsible way that protects both water quality and the environment.

≤ 5000

W0.1

W-EU0.1a

(W-EU0.1a) Which activities in the electric utilities sector does your organization engage in?

- Electricity generation
- Transmission
- Distribution
- Other, please specify

Yes
Yes
Yes
No

Select all that apply:

Your response to W-EU0.1a prompts subsequent questions. If your response to W-EU0.1a is amended, data in those dependent questions may be erased. In this case, be sure to re-enter data for all relevant questions. The guidance for each question indicates if it is a dependent question.

W-EU0.1a

W-EU0.1b

(W-EU0.1b) For your electricity generation activities, provide details of your nameplate capacity and the generation for each power source.

Nameplate capacity (MW)

% of total nameplate capacity

Gross generation (MWh)

NiSource's CDP Water Questionnaire Response
08-15-2018

Coal – hard	2,574.00	80.00	87,388.80
	0 - 999999999999	0 - 100	0 - 999999999999
Lignite			
	0 - 999999999999	0 - 100	0 - 999999999999
Oil			
	0 - 999999999999	0 - 100	0 - 999999999999
Gas	721.00	21.80	26,054.60
	0 - 999999999999	0 - 100	0 - 999999999999
Biomass			
	0 - 999999999999	0 - 100	0 - 999999999999
Waste (non-biomass)			
	0 - 999999999999	0 - 100	0 - 999999999999
Nuclear			
	0 - 999999999999	0 - 100	0 - 999999999999
Geothermal			
	0 - 999999999999	0 - 100	0 - 999999999999
Hydroelectric	10.00	0.30	330.60
	0 - 999999999999	0 - 100	0 - 999999999999
Wind			
	0 - 999999999999	0 - 100	0 - 999999999999
Solar			
	0 - 999999999999	0 - 100	0 - 999999999999
Other renewable			
	0 - 999999999999	0 - 100	0 - 999999999999
Other non-renewable			

	0 - 999999999999	0 - 100	0 - 999999999999
Total	3,305.00	100.00	12,666,388.00
	0 - 999999999999	0 - 100	0 - 999999999999

*This question is only presented if you select "Electricity generation" in W-EU0.1a.
W-EU0.1b prompts linked questions to be presented depending on the response given.
The guidance for each question indicates if it is a dependent question.
W-EU0.1b*

W-OG0.1a

(W-OG0.1a) Which business divisions in the oil & gas sector apply to your organization?

- Upstream
- Downstream
- Chemicals
- Other, please specify

Yes
No
No
No

*Select all that apply:
Your response to W-OG0.1a prompts subsequent questions. If your response to W-OG0.1a is amended, data in those dependent questions may be erased. In this case, be sure to re-enter data for all relevant questions. The guidance for each question indicates if it is a dependent question.
W-OG0.1a*

W0.2

(W0.2) State the start and end date of the year for which you are reporting data.

Reporting year	Start date	End date
	01/01/2017	31/12/2017

W0.2

W0.3

(W0.3) Select the countries/regions for which you will be supplying data.

United States of America

Yes

*Select all that apply:
W0.3*

W0.4

(W0.4) Select the currency used for all financial information disclosed throughout your response.

USD

*All disclosed financial figures throughout the questionnaire will be in the same currency. The currency reported in this question will apply to all reported figures throughout this request.
W0.4*

W0.5

(W0.5) Select the option that best describes the reporting boundary for companies, entities, or groups for which water impacts on your business are being reported.

Companies, entities or groups over which operational control is exercised

W0.5

W0.6

(W0.6) Within this boundary, are there any geographies, facilities, water aspects, or other exclusions from your disclosure?

Yes

W0.6

W0.6a

(W0.6a) Please report the exclusions.

Exclusion (≤ 2500)

Only the NIPSCO Generating Stations (electric generation) are reported in this disclosure. The NiSource natural gas distribution companies (i.e. Columbia Gas) and NIPSCO's natural gas operations use de minimis amounts of water by comparison to NIPSCO electric generation and that use is not tracked or recorded.

Please explain (≤ 2500)

NiSource tracks the water use for only the NIPSCO electric generation operations.

Row 1

This question only appears if you select "Yes" in response to W0.6.

W0.6a

W1. Current state

The information in this module allows CDP data users to build a picture of the dependence of your direct operations and your wider value chain on sufficient amounts of water of a particular quality, currently and for future growth, and where in the value chain most dependence on water lies.

The questions allow your company to demonstrate how well it understands its corporate hydrology by providing information on the monitoring of relevant water aspects, and volumetric data.

The module also asks about your engagement activity around water in your value chain and a rationale for it. **CDP's approach to reporting water accounting data**

When reporting volumetric data please read the guidance for each question as well as the CDP Technical Note on water accounting definitions.

To reduce their impact on water ecosystems and resources as well as their need to manage water-related risks, organisation should minimize and be able to account for all their interaction with water. For this reason, CDP's focus is the collection of information to determine how well a company understands the flow of water into and out of its boundaries, and whether they have robust monitoring and accounting in place for all aspects of their water use.

Definitions: CDP is looking for comparable data, reported against a standard methodology/definition. To ensure the quality of our data and a fair scoring methodology, CDP definitions should be used for all disclosures. This is particularly relevant where there is a lack of standardization. Companies must not provide water accounting data that does not align with the definitions given. Please refer to CDP's Technical Note on water accounting

W1.1

(W1.1) Rate the importance (current and future) of water quality and water quantity to the success of your business.

Direct use importance rating	Indirect use importance rating	Please explain (≤ 1000)
Vital	Important	NiSource's subsidiary, NIPSCO utilizes freshwater for use in operations pertaining to its three coal fired generating stations and one combined cycle natural gas turbine generating station. Additionally, NIPSCO operates two hydroelectric dam facilities. Abundant water is critical for continued operations.

Sufficient amounts of good quality freshwater available for use

Sufficient amounts of recycled, brackish and/or produced water available for use

Vital	Important	NIPSCO utilizes internally recycled water from its circulating water system for use in Flue Gas Desulfurization (FGD) units. While operations is able to control and provide recycled water, abundant water is critical for continued operations.
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Your response to W1.1 prompts subsequent questions (W1.2, W1.3, and W1.4). If your response to W1.1 is amended, data in those dependent questions may be erased. In this case, be sure to re-enter data for all relevant questions. The guidance for each question indicates if it is a dependent question.

W1.1

W1.2

(W1.2) Across all your operations, what proportion of the following water aspects are regularly measured and monitored?

	% of sites/facilities/operations	Please explain (≤ 1000)
Water withdrawals – total volumes	76-99	Indiana Department of Natural Resources requires monitoring and reporting of Significant Withdrawal data on an annual basis.
Water withdrawals – volumes from water stressed areas	Not relevant	

Water withdrawals – volumes by source	76-99	Indiana Department of Natural Resources monthly reporting requirement for the Kankakee River. Additionally, water withdrawals, including groundwater, are tracked at all stations for the annual significant withdrawal report.
Produced water associated with your oil & gas sector activities - total volumes	Not relevant	
Water withdrawals quality	76-99	In order to provide the water quality for our operations, general water quality of the raw water sources is monitored and evaluated prior to additional in-house water treatment. In addition, where groundwater is used as a potable source water, the water quality is monitored in accordance with requirements from the U.S. Environmental Protection Agency as well as the Indiana Department of Environmental Management and the Department of Health.

Water discharges – total volumes	76-99	Discharge volume is a required datum reported in the Clean Water Act required Discharge Monitoring Report (DMR) submitted to the Indiana Department of Environmental Management for compliance with the National Pollution Discharge Elimination System (NPDES) program.
Water discharges – volumes by destination	76-99	DMRs are facility specific.
Water discharges – volumes by treatment method	76-99	DMRs are facility specific, which utilize a single treatment approach.
Water discharge quality – by standard effluent parameters	76-99	All NIPSCO generating unit's discharged water quality is tested in accordance with the parameters identified in the applicable NPDES permit, in accordance with the Clean Water Act, and reported through the NPDES programs DMR process.

Water discharge quality – temperature

76-99

Discharge water temperature is a required datum reported in the Clean Water Act required Discharge Monitoring Report (DMR) submitted to the Indiana Department of Environmental Management for compliance with the National Pollution Discharge Elimination System (NPDES) program.

Water consumption – total volume

76-99

Estimated based on the mathematical difference between the total withdrawal and discharge volumes. Engineering estimates are applied to account for loss from evaporation in the application of cooling tower technology.

Water recycled/reused

1-25

Water used to sluice ash is discharged to a pond system. A portion of this water can be redirected, as needed, and reused in select operations including main system service water, non-contact cooling purposes, and as make-up to environmental control equipment such as the flue gas desulfurization units.

The provision of fully-functioning, safely managed WASH services to all workers

100%

All NiSource facilities provide water of adequate quality for purposes of drinking, sanitation, and hygiene.

This question only appears if you select "Neutral", "Important," or "Vital" as your "Direct use importance rating" in response to W1.1. Your response to W1.2 will determine which subsequent questions are presented. If your response to W1.2 is amended, data in those dependent questions may be erased. In this case, be sure to re-enter data for all relevant questions. If you select "Not monitored" or "Not relevant" in response to W1.2, you will not be able to disclose associated volumetric data in this section. The guidance for each question indicates if it is a dependent question.
W1.2

W-EU1.2a

(W-EU1.2a) For your hydroelectric operations, what proportion of the following water aspects are regularly measured and monitored?

% of sites/facilities/operations measured and monitored	Please explain (≤ 2500)
100%	We monitor dissolved oxygen as required by our FERC (Federal Energy Regulatory Commission) license. In addition, during periods of low flow, we implement our abnormal low flow plan, as required by USFWS (U.S. Fish & Wildlife Service) to protect existing endangered mussel habitat.
Not monitored	
Not relevant	

Fulfilment of downstream environmental flows

Sediment loading

Other, please specify

This question only appears if you select "Neutral", "Important", or "Vital" as your "Direct use importance rating" in response to W1.1 and if you have any hydroelectric operations disclosed in W-EU0.1b.

W-EU1.2a

W1.2b

(W1.2b) What are the total volumes of water withdrawn, discharged, and consumed across all your operations, and how do these volumes compare to the previous reporting year?

	Volume (megaliters/year)	Comparison with previous reporting year	Please explain (≤ 2000)
Total withdrawals	356,179.45	Lower	6.5% decrease
	0 - 999999999999		
Total discharges	337,359.08	Lower	7.0% decrease
	0 - 999999999999		
Total consumption	18,820.36	Higher	5.1% increase. Consumption decreased at three of our four electric generating stations.
	0 - 999999999999		

This question only appears if you select "Neutral" "Important," or "Vital" as your "Direct use importance rating" in response to W1.1. Your response to W1.2 will determine which subsequent questions are presented. If your response to W1.2 is amended, data in those dependent questions may be erased.

W1.2b

W-OG1.2c

(W-OG1.2c) In your oil & gas sector operations, what are the total volumes of water withdrawn, discharged, and consumed – by business division – and what are the trends compared to the previous reporting year?

	Volume (megaliters /year)	Comparison with previous reporting year %	Please explain (≤ 2500)
Total withdrawals - Upstream	0.00		Water is not used our oil & gas sector operations.
	0 - 999999999999		
Total discharges – Upstream	0.00		Water is not used our oil & gas sector operations.

0 - 999999999999

Total consumption – Upstream

Water is not used our oil & gas sector operations.

0 - 999999999999

Rows in this question will be presented according to the business divisions reported in W-OG0.1a.
W-OG1.2c

W1.2h

(W1.2h) Provide total water withdrawal data by source.

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Please explain (≤ 1000)
Fresh surface water, including rainwater, water from wetlands, rivers, and lakes	Relevant	349,424.25	Lower	8.2% decrease
0 - 999999999999				
Brackish surface water/seawater	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Groundwater – renewable	Relevant	6,755.20	Higher	Increase may be partially due to improved monitoring.
0 - 999999999999				
Groundwater – non-renewable	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Produced water	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Third party sources	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

This question only appears if you indicate in W1.2 that you monitor the following water aspect(s): Water withdrawals – volume by source.
W1.2h

W1.2i

(W1.2i) Provide total water discharge data by destination.

Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Please explain (≤ 1000)
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Fresh surface water	Relevant	337,359.08	Lower	7.0% decrease
		0 - 999999999999		
Brackish surface water/seawater				
Groundwater				
Third-party destinations				

*This question only appears if you indicate in W1.2 that you monitor the following water aspect(s): Water discharges – volume by destination
W1.2i*

W1.2j

(W1.2j) What proportion of your total water use do you recycle or reuse?

	% recycled and reused	Comparison with previous reporting year	Please explain (≤ 2500)
Row 1	11-25	This is our first year of measurement	Engineering estimate.

*This question only appears if you indicate in W1.2 that you monitor the following water aspect(s): Water recycled/reused.
Note: organizations responding to a metals & mining or oil & gas sector request will be presented with an additional question on this topic (W-MM1.2j; W-OG1.2j) relating specifically to their activities in those sectors. Data submitted for W1.2j RC: should be with associated with their whole organization as defined by their reporting boundary.
W1.2j*

W-OG1.2j

(W-OG1.2j) What proportion of your total water use do you recycle or reuse in your operations associated with the oil & gas sector?

	% recycled and reused	Comparison with previous reporting year	Please explain (≤ 2500)
Upstream			

*This question only appears if you indicate in W1.2 that you monitor the following water aspect(s):
- Water recycled/reused.
Rows in this question will be presented according to the business divisions reported in W-OG0.1a
W-OG1.2j*

W-EU1.3

(W-EU1.3) Do you calculate water intensity for your electricity generation activities?	Yes
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*This question only appears if you select "Neutral" "Important" or "Vital" as your "Direct use importance rating" or your "Indirect use importance rating" in response to W1.1.
Your response to W-EU1.3 will determine whether W-EU1.3a is presented. If your response to W-EU1.3 is amended, data in W-EU1.3a may be erased. In this case, be sure to re-enter data for W-EU1.3a.
This question appears only if "Electricity generation" is selected in response to W-EU0.1a
W-EU1.3*

W-EU1.3a

(W-EU1.3a) Provide the following intensity information associated with your electricity generation activities.

	Water intensity value	Numerator: water aspect	Denominator: unit of production	Comparison with previous reporting year	Please explain (≤ 2000)
Row 1	31,305,868.32	Total water withdrawn	MWh	Higher	6.9% increase
	0 - 999999999999				
Row 2	1,654,188.13	Total water consumption	MWh	Higher	20.1% increase
	0 - 999999999999				

*This question only appears if you select "Yes" to question W-EU1.3.
W-EU1.3a*

W-OG1.3

(W-OG1.3) Do you calculate water intensity for your activities associated with the oil & gas sector?

No, and we have no plans to do so in the next two years

*This question only appears if you select "Neutral" "Important" or "Vital" as your "Direct use importance rating" or your "Indirect use importance rating" in response to W1.1.
Your response to W-OG1.3 will determine whether W-OG1.3a is presented. If your response to W-OG1.3 is amended, data in W-OG1.3a may be erased. In this case, be sure to re-enter data for W-OG1.3a.
W-OG1.3*

W1.4

(W1.4) Do you engage with your value chain on water-related issues?

Yes, our suppliers

No

Yes, our customers or other value chain partners

 No

No, not currently but we intend to within two years

 No

No, we do not engage on water with our value chain

 Yes

Select all that apply:

This question only appears if you select "Neutral", "Important", or "Vital" as your "Indirect use importance rating" in response to W1.1. Your response to W1.4 prompts subsequent questions. If your response to W1.4 is amended, data already entered in those dependent questions may be erased. In this case, be sure to re-enter data for all relevant questions. The guidance for each question indicates if it is a dependent question.

W1.4

W1.4d

(W1.4d) Why do you not engage with any stages of your value chain on water-related issues and what are your plans?

Primary reason

Please explain (≤ 1500)

Other, please specify

We do not control nor have influence on the operating conditions of our suppliers.

Row 1

Beyond our control

This question only appears if you select "No, we do not engage on water with our value chain" in response to W1.4.

W1.4d

W2. Business impacts

This module asks about water-related impacts on your organization and your response to them. These are impacts that have occurred in the past reporting year, including those resulting from regulatory violations.

W2.1

(W2.1) Has your organization experienced any detrimental water-related impacts?

No

W2.1

W2.2

(W2.2) In the reporting year, was your organization subject to any fines, enforcement orders, and/or other penalties for water-related regulatory violations?

Yes, fines

Yes, enforcement orders or other penalties

Yes, fines, enforcement orders or other penalties but none that are considered as significant

No

Don't know

No
No
No
Yes
No

Select all that apply:

Your response to W2.2 will determine which subsequent questions are presented in this section. If your response to W2.2 is amended, data in those dependent questions may be erased. In this case, be sure to re-enter data for all relevant questions. The guidance for each question indicates if it is a dependent question.

W2.2

W3. Procedures

This module requests information about the procedures that organizations have in place to manage issues salient to their sector and to understand inherent risk exposure. Questions in sections W3.1 and W3.2 are targeted at specific sectors only and focus on water pollution issues.

W-EU3.1

(W-EU3.1) How does your organization identify and classify potential water pollutants associated with your business activities in the electric utilities sector that could have a detrimental impact on water ecosystems or human health?

The USEPA (U.S. Environmental Protection Agency) establishes environmental regulations applicable to the electric utilities sector. These regulations identify potential water pollutants as well as the monitoring requirements.

≤ 5000

*This question only appears if "Electricity generation" is selected for question W-EU0.1a.
W-EU3.1*

W-EU3.1a

(W-EU3.1a) Describe how your organization minimizes the adverse impacts of potential water pollutants associated with your activities in the electric utilities sector on water ecosystems or human health.

Potential water pollutant	Description of water pollutant and potential impacts (≤ 2500)	Management procedures Select all that apply:	Please explain (≤ 2500)
Hydrocarbons	Oil and associated products are restricted, via federal regulation, from being released into the water system.	Compliance with effluent quality standards Yes	All NIPSCO electric generating units must comply with the requirements of the Clean Water Act via the National Pollutant Discharge Elimination System (NPDES) program. Compliance with the NPDES program includes monitoring our water discharge for hydrocarbons. In addition, the Spill Prevention, Control, and Countermeasure (SPCC) and the Facility Response Plan (FRP) rules require planning and prevention plans are implemented. The SPCC rule helps facilities prevent a discharge of oil into navigable waters or adjoining shorelines. The FRP rule requires certain facilities to submit a response plan and prepare to respond to a worst case oil discharge or threat of a discharge.

Row 1

Row 2

Coal combustion residuals

Coal combustion residuals (CCRs) are restricted, via federal regulation, from being released into the water system.

Measures to prevent spillage, leaching, and leakages
Community/stakeholder engagement
Emergency preparedness
No formal management procedure in place
Other, please specify

Yes
Yes
Yes
No
No

Compliance with effluent quality standards
Measures to prevent spillage, leaching, and leakages
Community/stakeholder engagement
Emergency preparedness
No formal management procedure in place
Other, please specify

Yes
Yes
Yes
No
No

Yes

All NIPSCO electric generating units must comply with the requirements of the Clean Water Act via the National Pollutant Discharge Elimination System (NPDES) program. In addition to traditional effluent discharge monitoring, facilities with combustion waste impoundments are required to evaluate the impoundments for potential discharge via seepage and/or failure of the structural integrity of the impoundment. The NIPSCO coal combustion residual impoundments are routinely monitored for compliance with application federal regulations.

Row 3

Thermal pollution

Adverse thermal discharge is restricted, via federal regulation, from being released into the water system.

Compliance with effluent quality standards
Measures to prevent spillage, leaching, and leakages
Community/stakeholder engagement

Emergency preparedness
No formal management procedure in place
Other, please specify

Yes

No

Yes

No

No

No

All NIPSCO electric generating units must comply with the requirements of the Clean Water Act via the National Pollutant Discharge Elimination System (NPDES) program. Compliance with the NPDES program and section 316(a) of the CWA includes controlling and monitoring our thermal discharge.

Row 4

Other, please specify

Numerous chemical pollutants and characteristics, including metals, nutrients, and organic compounds are restricted, via federal regulation, from being released into the water system.

Compliance with effluent quality standards
Measures to prevent spillage, leaching, and leakages
Community/stakeholder engagement

Emergency preparedness
No formal management procedure in place

Yes

Yes

Yes

No

All NIPSCO electric generating units must comply with the requirements of the Clean Water Act via the National Pollutant Discharge Elimination System (NPDES) program with monitoring and compliance programs for numerous potential water pollutants beyond the above listed measures taken for hydrocarbons, coal combustion residuals, and thermal discharge. We are subject to regulations covering hundreds of potential pollutants including chemical, biological, and physical characteristics.

Other, please specify

*This question only appears if "Electricity generation" is selected for question W-EU0.1a.
W-EU3.1a*

W-OG3.1

(W-OG3.1) How does your organization identify and classify potential water pollutants associated with its activities in the oil & gas sector that may have a detrimental impact on water ecosystems or human health?

This is not applicable as we do not use water in our oil & gas sector operations.

≤ 5000

W-OG3.1

W-OG3.1a

(W-OG3.1a) For each business division of your organization, describe how your organization minimizes the adverse impacts on water ecosystems or human health of potential water pollutants associated with your oil & gas sector activities.

W-OG3.1a

W3.3

(W3.3) Does your organization undertake a water-related risk assessment?

Yes, water-related risks are assessed

*Your response to W3.3 prompts subsequent questions to be presented. If your response to W3.3 is amended, data in those dependent questions may be erased. In this case, be sure to re-enter data for all relevant questions. If your organization does not currently incorporate a water risk assessment into its core business procedures you will be presented with question W3.3e.
W3.3*

W3.3a

(W3.3a) Select the options that best describe your procedures for identifying and assessing water-related risks.

Direct operations

Coverage

Full

Risk assessment procedure

Water risks are assessed as part of other company-wide risk assessment system

Frequency of assessment

Six-monthly or more frequently

How far into the future are risks considered?

2 to 5 years

Type of tools and methods used

Tools on the market	No
Enterprise Risk Management	No
International methodologies	No
Databases	Yes

Select all that apply:
Tools and methods used

Other	Yes
FAO/AQUASTAT	No
Maplecroft Global Water Security Risk Index	No
Regional government databases	Yes
UNEP Vital Water Graphics	No
Internal company methods	Yes
External consultants	No
National-specific tools or standards	No
Other, please specify	No
Don't know	No

Select all that apply:
Comment (≤ 500)

≤ 500

Supply chain
Coverage

Comment (≤ 500)

≤ 500

Other stages of the value chain
Coverage

Comment (≤ 500)

≤ 500

*This question only appears if you select "Yes, water-related risks are assessed" in response to W3.3.
W3.3a*

W3.3b

(W3.3b) Which of the following contextual issues are considered in your organization's water-related risk assessments?

Relevance & inclusion Please explain (≤ 2000)

Water availability at a basin/catchment level

Relevant, always included	USGS (United States Geological Survey) station data are monitored for water availability and low level conditions.
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Water quality at a basin/catchment level

Relevant, always included

NIPSCO Chemical Compliance department monitors raw water quality. These data are used to guide our pretreatment operations as well as to provide input towards future potential water quality issues.

Stakeholder conflicts concerning water resources at a basin/catchment level

Relevant, always included

NiSource/NIPSCO is constantly involved with local, regional, and other stakeholder groups. This interaction assists us in operating in concert with other activities and water use initiatives as well as with practices desired by our communities.

Implications of water on your key commodities/raw materials

Not relevant, explanation provided

The raw materials used in our electric generating facilities are not shipped via water. That said, NIPSCO participates in local stakeholder groups, one of which routinely assesses and evaluates the topic of potential limited water access.

Water-related regulatory frameworks

Relevant, always included

NiSource/NIPSCO continuously interact with local, state, and federal agencies. Our Environmental Policy team is responsible for evaluating the regulatory framework affecting our business operations.

Status of ecosystems and habitats

Relevant, always included

The NiSource/NIPSCO Environmental Natural Resource Permitting team monitors and guides our operations relative to ecosystems and various habitats.

Access to fully-functioning, safely managed WASH services for all employees

Relevant, always included

NiSource/NIPSCO Environmental and Industrial Hygiene teams are responsible for managing our potable water program to provide adequate water to employees for personal use.

Other contextual issues, please specify

Not considered

This question only appears if you select "Yes, water-related risks are assessed" in response to W3.3.
W3.3b

W3.3c

(W3.3c) Which of the following stakeholders are considered in your organization's water-related risk assessments?

Relevance & inclusion

Please explain (≤ 2000)

Customers

Relevant, always included

Satisfying customer needs in a safe manner is NiSource's primary business objective and this applies to all aspects of our business model including environmental matters. Customer survey responses and other customer feedback are received and considered in our planning process.

Employees

Relevant, always included

Our employees are also customers and stakeholders. Moreover, employee knowledge and innovation are extremely valuable. Accordingly, their input is of great value and always considered in our planning process.

Investors

Relevant, always included

Investors rely on NiSource to deliver on our business objectives. Furthermore, NiSource is an investor-owned company, governed by our Board of Directors which receive information and provide direction in all aspects of our operation via our commitment to transparency.

Local communities	Relevant, always included	NiSource is very active within our communities in which we both live and operate. Involved from numerous different levels within our communities, input is constantly received and information provided to be considered in our planning process.
NGOs	Relevant, always included	NiSource employees actively participate in numerous local non-governmental organizations. We operate in a transparent manner with NGOs which, we believe, provides us the best opportunity to work in a collaborative manner towards goals that best serve all involved.
Other water users at a basin/catchment level	Not relevant, explanation provided	Included in the other groups identified (customers, employees, NGOs).
Regulators	Relevant, always included	NiSource routinely works collaboratively with our regulators to ensure compliance with applicable environmental regulations.

River basin management authorities	Relevant, always included	NiSource employees actively participate in the local river basin management groups. As with NGOs and other stakeholders, we operate in a transparent manner with all stakeholders towards goals that best serve all involved.
Statutory special interest groups at a local level	Not relevant, explanation provided	Included in the other groups identified (customers, employees, NGOs).
Suppliers	Not relevant, explanation provided	NIPSCO continues to work with suppliers of our water treatment chemicals to ensure the use and application of additives appropriate to meet federal/state/local water quality standards.
Water utilities at a local level	Relevant, always included	As part of our local stakeholders, NIPSCO actively interfaces with our local water utility to ensure our operations do not negatively impact the public water supply.
Other stakeholder, please specify	Not relevant, explanation provided	Included in the other groups identified (customers, employees, NGOs).

This question only appears if you select "Yes, water-related risks are assessed" in response to W3.3.
W3.3c

(W3.3d) Describe your organization's process for identifying, assessing, and responding to water-related risks within your direct operations and other stages of your value chain.

Water related risks are identified throughout the year using data from local databases as well as internal monitoring of water quality and water levels. At a minimum weekly meetings provide an opportunity for critical information to be passed along. Other opportunities occur at various monthly, quarterly, and annual update meetings.

≤ 2000

This question only appears if you select "Yes, water-related risks are assessed" in response to W3.3.
W3.3d

W4. Risks and opportunities

Providing information about inherent risk exposure rather than residual risk allows data-users to consider the potential impact and the appropriateness of the organization's response. CDP asks about risks anywhere in your business that are substantive at the corporate level (not those that are significant only at the facility level, for example). We wish only to know about risks that have the

W4.1

(W4.1) Have you identified any inherent water-related risks with the potential to have a substantive financial or strategic impact on your business?

Yes, only within our direct operations

Your response to W4.1 will determine which subsequent questions are presented. If your response to W4.1 is amended, data in those dependent questions may be erased. In this case, be sure to re-enter data for all relevant questions. The guidance for each question indicates if it is a dependent question
W4.1

W4.1a

(W4.1a) How does your organization define substantive financial or strategic impact on your business?

NIPSCO electric generation relies on adequate water for purposes of appropriate non-contact cooling. Insufficient water would limit our ability to operate.

≤ 5000

Where there is a "Sheet of paper" icon to the right, you can click on it to review and edit your response from last year. Once updates are made, click on the blue "Copy previous response" button to import your updated response into this year's disclosure.
W4.1a

W4.1b

(W4.1b) What is the total number of facilities exposed to water risks with the potential to have a substantive financial or strategic impact on your business, and what proportion of your company-wide facilities does this represent?

Total number of facilities exposed to water risk	% company-wide facilities this represents	Comment (≤ 4500)
--	---	------------------

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Row 1

3	51-75	One coal-fired electric generating station that withdraws water from the Kankakee River, one coal-fired electric generating station that withdraws water from the White River, two hydroelectric facilities located on the Tippecanoe River.
---	-------	--

0 - 1000

This question only appears if you select any of the following options in response to W4.1: Yes, both in direct operations and the rest of value chain; Yes, only within our direct operations; Yes, only in our value chain beyond our direct operations
W4.1b

W4.1c

(W4.1c) By river basin, what is the number and proportion of facilities exposed to water risks that could have a substantive impact on your business, and what is the potential business impact associated with those facilities?

Row 1

Country/Region	<input type="text" value="United States of America"/>
River basin	<input type="text" value="Other, please specify"/>
Number of facilities exposed to water risk	<input type="text" value="Kankakee River"/> <input type="text" value="1"/> 0 - 1000
% company-wide facilities this represents	<input type="text" value="26-50"/>
% company's annual electricity generation that could be affected by these facilities	<input type="text" value="26-50"/>
% company's global oil & gas production volume that could be affected by these facilities	<input type="text" value="• Less than 1%"/>
% company's total global revenue that could be affected	<input type="text" value="26-50"/>
Comment (≤ 5000)	<input type="text"/> ≤ 5000

Row 2

Country/Region	<input type="text" value="United States of America"/>
River basin	<input type="text" value="Other, please specify"/>
Number of facilities exposed to water risk	<input type="text" value="White River"/> <input type="text" value="1"/> 0 - 1000

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% company-wide facilities this represents

% company's annual electricity generation that could be affected by these facilities

% company's global oil & gas production volume that could be affected by these facilities

% company's total global revenue that could be affected

Comment (≤ 5000)

Row 3

Country/Region

River basin

Number of facilities exposed to water risk 0 - 1000

% company-wide facilities this represents

% company's annual electricity generation that could be affected by these facilities

% company's global oil & gas production volume that could be affected by these facilities

% company's total global revenue that could be affected

Comment (≤ 5000)

≤ 5000

This question only appears if you select any of the following options in response to W4.1: Yes, both in direct operations and the rest of our value chain; Yes, only within our direct operations; Yes, only in our value chain beyond our direct operations. Note: W5 will request water accounting data for facilities located in the basins reported here.

W4.1c

W4.2

(W4.2) Provide details of identified risks in your direct operations with the potential to have a substantive financial or strategic impact on your business, and your response to those risks.

Row 1

Country/Region

River basin

Type of risk

Primary risk driver

Primary potential impact

Company-specific description (≤ 1500) ≤ 1500

Timeframe

Magnitude of potential impact

Likelihood

Potential financial impact 0 - 999999999999

Explanation of financial impact (≤ 500) ≤ 500

Primary response to risk

Description of response (≤ 1500)	Identified a water reduction plan. NIPSCO has identified a water reduction plan. Based on baseline volumes from 2005, we are progressing towards our goal to reduce water withdrawal and water discharge by 90% by the end of 2025.	≤ 1500
Cost of response	0 - 999999999999	
Explanation of cost of response (≤ 500)		≤ 500

This question only appears if you select one of the following options in response to W4.1: Yes, both in direct operations and the rest of our value chain; Yes, only within our direct operations.

W4.2

W4.2c

(W4.2c) Why does your organization not consider itself exposed to water risks in its value chain (beyond direct operations) with the potential to have a substantive financial or strategic impact?

	Primary reason	Please explain (≤ 2000)
Row 1	Other, please specify	Neither processing nor shipment of our primary raw materials (coal and natural gas) are not subject to water risks.

This question only appears if you select "No" or "Yes, only within our direct operations" in response to W4.1.

W4.2c

W4.3

(W4.3) Have you identified any water-related opportunities with the potential to have a substantive financial or strategic impact on your business?

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

Your response to W4.3 will determine which subsequent questions are presented. If your response to W4.3 is amended, data in those dependent questions may be erased. In this case, be sure to re-enter data for all relevant questions. The guidance for each question indicates if it is a dependent question.

W4.3

W4.3a

(W4.3a) Provide details of opportunities currently being realized that could have a substantive financial or strategic impact on your business.

Row 1

Type of opportunity

Other

Primary water-related opportunity

Other, please specify

Company-specific description & strategy to realize opportunity (≤ 1500)

Ability to operate
NIPSCO electric generation relies on adequate water for purposes of non-contact cooling. Inadequate water volume limits our ability to operate. Inadequate water quality requires additional pretreatment (added costs).

≤ 1500

Estimated timeframe for realization

Current - up to 1 year

Magnitude of potential financial impact

Unknown

Potential financial impact

0 - 999999999999

Explanation of financial impact (≤ 1500)

≤ 1500

This question only appears if you select "Yes, we have identified opportunities, and some/all are being realized" in response to question W4.3
W4.3a

W5. Facility-level water accounting

All organizations are advised to refer to the CDP Technical Note on water accounting definitions when responding to this module. You will need to complete this section only if you completed W4.1c because you have facilities exposed to water risks that have the potential to generate a substantive change to your business. CDP is not asking for information for all facilities, just those exposed to substantive water risk as defined in question W4.1a.

The number of sites you provide this water accounting data for should be the same as the number of sites reported in section W4.1. A maximum of 50 rows is provided. If you have more than 50 sites you can aggregate your data at the river basin level.

If you are reporting data for many facilities, you may prefer to complete this module offline. You can export questions by clicking the "Export" button and then entering/pasting your data directly into the fields of the exported spreadsheet. You can then import this file to populate the tables in these questions.

Units: Volumes must be reported in megaliters per year (1 megaliter = 1 million liters or 1,000 m3) in all questions, unless otherwise stated.

Blank cells: Please ensure when responding to these water accounting questions that cells are only intentionally left blank if you have no data to disclose. Blank cells are interpreted as non-disclosure, i.e.

W5.1

(W5.1) For each facility referenced in W4.1c, provide coordinates, total water accounting data and comparisons with the previous reporting year.

Volumetric data MUST be reported in megaliters (1 megaliter = 1 million liters or 1,000 m3).

Row 1

Facility reference number	<input type="text" value="Facility 1"/>				
Facility name (optional) (≤ 500)	<input type="text" value="R.M. Schahfer Generating Station"/> ≤ 500				
Country/Region	<input type="text" value="United States of America"/>				
River basin	<input type="text" value="Other, please specify"/>				
Latitude	<input type="text" value="Kankakee River"/> <input type="text" value="41.247197"/> -90 - 90				
Longitude	<input type="text" value="Kankakee River"/> <input type="text" value="-87.024444"/> -180 - 180				
Primary power generation source for your electricity generation at this facility	<input type="text" value="Coal - hard"/>				
Oil & gas sector business division	<table><tr><td>Upstream</td><td><input type="text" value="No"/></td></tr><tr><td>Not applicable</td><td><input type="text" value="Yes"/></td></tr></table>	Upstream	<input type="text" value="No"/>	Not applicable	<input type="text" value="Yes"/>
Upstream	<input type="text" value="No"/>				
Not applicable	<input type="text" value="Yes"/>				

Select all that apply:

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Total water withdrawals at this facility (megaliters/year) 0 - 999999999999

Comparison of withdrawals with previous reporting year

Total water discharges at this facility (megaliters/year) 0 - 999999999999

Comparison of discharges with previous reporting year

Total water consumption at this facility (megaliters/year) 0 - 999999999999

Comparison of consumption with previous reporting year

Please explain (≤ 500)

Row 2

Facility reference number

Facility name (optional) (≤ 500) ≤ 500

Country/Region

River basin

Latitude -90 - 90

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Enter a number from 0 to +/-90.000000 using a maximum of six decimal places.

Longitude -180 - 180

Enter a number from 0 to +/-180.000000 using a maximum of six decimal places.

Primary power generation source for your electricity generation at this facility

Oil & gas sector business division

Upstream
Not applicable

Select all that apply:

Total water withdrawals at this facility (megaliters/year) 0 - 99999999999

Comparison of withdrawals with previous reporting year

Total water discharges at this facility (megaliters/year) 0 - 99999999999

Comparison of discharges with previous reporting year

Total water consumption at this facility (megaliters/year) 0 - 99999999999

Comparison of consumption with previous reporting year

Please explain (≤ 500)

≤ 500

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This question only appears if you report that you have facilities exposed to water risk in W4.1c. Your response to W5.1 prompts subsequent questions. If your response to W5.1 is amended, data in those dependent questions may be erased. In this case, be sure to re-enter data for all relevant questions. The guidance for each question indicates if it is a dependent question.

W5.1

W5.1a

(W5.1a) For each facility referenced in W5.1, provide withdrawal data by water source.

Volumetric data MUST be reported in megaliters (1 megaliter = 1 million liters or 1,000 m3).

Row 1

Facility reference number	Facility 1		
Facility name (≤ 500)	R.M. Schahfer Generating Station		≤ 500
Fresh surface water, including rainwater, water from wetlands, rivers and lakes	23,720.01	0 - 999999999999	
Brackish surface water/seawater		0 - 999999999999	
Groundwater - renewable	6,755.20	0 - 999999999999	
Groundwater - non-renewable		0 - 999999999999	
Produced water		0 - 999999999999	
Third party sources		0 - 999999999999	
Comment (≤ 500)			≤ 500

Row 2

Facility reference number	Facility 2		
Facility name (≤ 500)	Sugar Creek Generating Station		≤ 500
Fresh surface water, including rainwater, water from wetlands, rivers and lakes		0 - 999999999999	

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Brackish surface water/seawater	<input type="text"/>	0 - 999999999999
Groundwater - renewable	<input type="text" value="4,275.62"/>	0 - 999999999999
Groundwater - non-renewable	<input type="text"/>	0 - 999999999999
Produced water	<input type="text"/>	0 - 999999999999
Third party sources	<input type="text"/>	0 - 999999999999
Comment (≤ 500)	<input type="text"/> ≤ 500	

This question only appears if you list facilities exposed to water risk in W5.1.
W5.1a

W5.1b

(W5.1b) For each facility referenced in W5.1, provide discharge data by destination.
Volumetric data MUST be reported in megaliters (1 megaliter = 1 million liters or 1,000 m3).

Row 1

Facility reference number	<input type="text" value="Facility 1"/>
Facility name (≤ 500)	<input type="text" value="R.M. Schahfer Generating Station"/> ≤ 500
Fresh surface water	<input type="text" value="18,422.46"/> 0 - 999999999999
Brackish surface water/Seawater	<input type="text"/> 0 - 999999999999
Groundwater	<input type="text"/> 0 - 999999999999
Third party destinations	<input type="text"/> 0 - 999999999999
Comment (≤ 500)	<input type="text"/> ≤ 500

Row 2

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Facility reference number	<input type="text" value="Facility 2"/>	
Facility name (≤ 500)	<input type="text" value="Sugar Creek Generating Station"/>	≤ 500
Fresh surface water	<input type="text" value="1,559.97"/>	0 - 999999999999
Brackish surface water/Seawater	<input type="text"/>	0 - 999999999999
Groundwater	<input type="text"/>	0 - 999999999999
Third party destinations	<input type="text"/>	0 - 999999999999
Comment (≤ 500)	<input type="text"/>	≤ 500

This question only appears if you list facilities exposed to water risk in W5.1.

W5.1b

W5.1c

(W5.1c) For each facility referenced in W5.1, provide the proportion of your total water use that is recycled or reused, and give the comparison with the previous reporting year.

Volumetric data MUST be reported in megaliters (1 megaliter = 1 million liters or 1,000 m3).

Row 1

Facility reference number	<input type="text" value="Facility 1"/>	
Facility name (≤ 500)	<input type="text" value="R.M. Schahfer Generating Station"/>	≤ 500
% recycled or reused	<input type="text" value="11-25%"/>	
Comparison with previous reporting year	<input type="text" value="This is our first year of measurement"/>	
Please explain (≤ 500)	<input type="text" value="Engineering estimate"/>	≤ 500

Row 2

Facility reference number	<input type="text" value="Facility 2"/>
---------------------------	---

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Facility name (≤ 500)	<input type="text" value="Sugar Creek Generating Station"/>	≤ 500
% recycled or reused	<input type="text" value="None"/>	
Comparison with previous reporting year	<input type="text" value="This is our first year of measurement"/>	
Please explain (≤ 500)	<input type="text"/>	≤ 500

This question only appears if you list facilities exposed to water risk in W5.1.
W5.1c

W5.1d

(W5.1d) For the facilities referenced in W5.1, what proportion of water accounting data has been externally verified?

Water withdrawals – total volumes % verified	<input type="text" value="76-100"/>	
What standard and methodology was used? (≤ 500)	<input type="text" value="Data submitted to Trinity Consultants for validation."/>	≤ 500
Water withdrawals – volume by source % verified	<input type="text" value="76-100"/>	
What standard and methodology was used? (≤ 500)	<input type="text" value="Data submitted to Trinity Consultants for validation."/>	≤ 500
Water withdrawals – quality % verified	<input type="text" value="Not verified"/>	
What standard and methodology was used? (≤ 500)	<input type="text" value="Validation of raw water quality checks is not necessary."/>	≤ 500
Water discharges – total volumes % verified	<input type="text" value="76-100"/>	

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What standard and methodology was used? (≤ 500)	Data submitted to Trinity Consultants for validation.	≤ 500
Water discharges – volume by destination % verified	76-100	
What standard and methodology was used? (≤ 500)	Data submitted to Trinity Consultants for validation.	≤ 500
Water discharges – volume by treatment method % verified	Not verified	
What standard and methodology was used? (≤ 500)	Treatment method delineation not necessary.	≤ 500
Water discharge quality – quality by standard effluent parameters % verified	Not verified	
What standard and methodology was used? (≤ 500)	Not applicable.	≤ 500
Water discharge quality – temperature % verified	Not verified	
What standard and methodology was used? (≤ 500)	Not applicable.	≤ 500
Water consumption – total volume % verified	76-100	
What standard and methodology was used? (≤ 500)	Data submitted to Trinity Consultants for validation.	≤ 500
Water recycled/reused % verified	Not verified	

What standard and methodology was used?
(≤ 500)

Engineering estimates.

≤ 500

This question only appears if you list facilities exposed to water risk in W5.1
W5.1d

W6. Governance

This module captures the governance structure and mechanisms of your organization with regards to water security. For CDP's high impact sectors, the module includes a question on the use of

W6.1

(W6.1) Does your organization have a water policy?

Yes, we have a documented water policy that is publicly available

Your response to W6.1 will determine if subsequent questions are presented in this section. If your response to W6.1 is amended, data in those dependent questions may be erased. In this case, be sure to re-enter data for all relevant questions. The guidance for each question indicates if it is a dependent question.

W6.1

W6.1a

(W6.1a) Select the options that best describe the scope and content of your water policy.

	Scope	Content	Please explain (≤ 1000)
Row 1	Company-wide	<p>Select all that apply:</p> <p>dependency on water</p> <p>Description of business impact on water</p> <p>Description of water-related performance standards for direct operations</p> <p>Description of water-related standards for procurement</p> <p>Reference to international standards and widely-recognized water initiatives</p> <p>Company water targets and goals</p> <p>Commitment to align with public policy initiatives, such as the SDGs</p> <p>Commitments beyond regulatory compliance</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>No</p> <p>No</p> <p>Yes</p> <p>No</p> <p>No</p>

Commitment to water-related innovation	No
Commitment to stakeholder awareness and education	No
Commitment to water stewardship and/or collective action	No
Acknowledgement of the human right to water and sanitation	No
Recognition of environmental linkages, for example, due to climate change	Yes
Other, please specify	No

This question only appears if you select "Yes, we have a documented water policy that is publicly available" or "Yes, we have a documented water policy, but it is not publicly available" in response to W6.1.

W6.1a

W6.2

(W6.2) Is there board level oversight of water-related issues within your organization?

Yes

Your response to W6.2 will determine if subsequent questions are presented in this section. If your response to W6.2 is amended, data in those dependent questions may be erased. In this case, be sure to re-enter data for all relevant questions. The guidance for each question indicates if it is a dependent question.

W6.2

W6.2a

(W6.2a) Identify the position(s) of the individual(s) on the board with responsibility for water-related issues.

Position of individual

Please explain (≤ 1000)

Row 1

President

The Vice President in charge of Environmental matters is directly responsible for managing information on water-related issues, making decisions about what the company will do and adapting those decisions based on water-related information. Plans, summaries, and status reports are provided to the President as well as the Board of Directors.

*This question only appears if you select "Yes" in response to W6.2
W6.2a*

W6.2b

(W6.2b) Provide further details on the board's oversight of water-related issues.

Row 1

Frequency that water-related issues are a scheduled agenda item

Scheduled - all meetings

Governance mechanisms into which water-related issues are integrated

Select all that apply:

- implementation and performance
- Overseeing acquisitions and divestiture
- Overseeing major capital expenditures
- Providing employee incentives

Yes
No
Yes
No

Please explain (≤ 1500)

Reviewing and guiding annual budgets	Yes
Reviewing and guiding business plans	Yes
Reviewing and guiding major plans of action	Yes
Reviewing and guiding risk management policies	Yes
Reviewing and guiding strategy	Yes
Reviewing and guiding corporate responsibility strategy	Yes
Reviewing innovation/R&D priorities	No
Setting performance objectives	No
Other, please specify	No

*This question only appears if you select "Yes" in response to W6.2
W6.2b*

W6.3

(W6.3) Below board level, provide the highest-level management position(s) or committee(s) with responsibility for water-related issues.

Row 1

Name of the position(s) and/or committee(s)	Other, please specify
Responsibility	Vice President, Environmental Both assessing and managing water-related risks and opportunities
Frequency of reporting to the board on water-related issues	Quarterly
Please explain (≤ 1000)	The Vice President in charge of Environmental matters is directly responsible for managing information on water-related issues, making decisions about what the company will do and adapting those decisions based on water-related information. Plans, summaries, and status reports are provided to the President as well as the Board of Directors.

≤ 1000

W6.3

W-FB6.4/W-CH6.4/W-EU6.4/W-OG6.4/W-MM6.4

(W-FB6.4/W-CH6.4/W-EU6.4/W-OG6.4/W-MM6.4) Do you provide incentives to C-suite employees or board members for the management of water-related issues?

No, and we do not plan to introduce them in the next two years

Your response to this question will determine whether the next question is presented. If your response to this question is amended, data in the next question may be erased. In this case, be sure to re-enter data for the next question.

W-FB6.4/W-CH6.4/W-EU6.4/W-OG6.4/W-MM6.4

W6.5

(W6.5) Do you engage in activities that could either directly or indirectly influence public policy on water through any of the following?

- Yes, direct engagement with policy makers
- Yes, trade associations
- Yes, funding research organizations
- Yes, other
- No

Yes
No
No
No
No

Select all that apply:

Your response to W6.5 will determine if subsequent questions are presented in this section. If your response to W6.5 is amended, data in those dependent questions may be erased. In this case, be sure to re-enter data for all relevant questions. The guidance for each question indicates if it is a dependent question.

W6.5

W6.5a

(W6.5a) What processes do you have in place to ensure that all of your direct and indirect activities seeking to influence policy are consistent with your water policy/water commitments?

A management team meets routinely to identify and assess environmental policy risks. This team aligns our Government Affairs and other policy activities with our commitments. For example, our water policy activities are aligned with our target to reduce wastewater discharge and water withdrawal by 90% by 2025.

≤ 1500

This question only appears if you select any of the "Yes" options in response to W6.5.

W6.5a

W7. Business strategy

The purpose of this module is to collect information on how a company is adapting its long-term business model to secure a sustainable future, in terms of both its own resilience and securing water for all.

W7.1

(W7.1) Are water-related issues integrated into any aspects of your long-term strategic business plan, and if so how?

	Are water-related issues integrated?	Long-term time horizon (years)	Please explain (≤ 1500)
Long-term business objectives	Yes, water-related issues are integrated	5-10	Our Integrated Resource Plan (IRP) is updated at a minimum of every 5 years. The IRP addresses the planning for the next 5 years of operation.
Strategy for achieving long-term objectives	Yes, water-related issues are integrated	5-10	Current water goals identify the plan and targets until 2025.
Financial planning	Yes, water-related issues are integrated	5-10	Capital projects require approval by our state regulatory commission. Financial forecasting is a required element of the submittals to the commission.

W7.1

W7.2

(W7.2) What is the trend in your organization's water-related capital expenditure (CAPEX) and operating expenditure (OPEX) for the reporting year, and the anticipated trend for the next reporting year?

	Water-related CAPEX (+/- % change)	Anticipated forward trend for CAPEX (+/- % change)	Water-related OPEX (+/- % change)	Anticipated forward trend for OPEX (+/- % change)	Please explain (≤ 1000)
Row 1					Unable to forecast due to uncertainty in upcoming regulatory requirements.
W7.2	-99999999999 - 99999999	-99999999999 - 99999999999	-99999999999 - 99999999	-99999999999 - 99999999999	

W7.3

(W7.3) Does your organization use climate-related scenario analysis to inform its business strategy?

Use of climate-related scenario analysis	Comment (≤ 1000)

Row 1

Yes

Our climate-related scenarios include a 50% reduction in GHG emissions by 2025 and an 80% reduction in GHG emissions by 2050. In the NIPSCO Integrated Resource Plan (IRP) process this year, we presented a scenario to stakeholders whereby NiSource could achieve an 80% reduction in its emissions by 2050 (from a 2005 baseline), through a combination of renewable generation, natural gas-fired generation, energy efficiency, and natural gas priority pipeline replacement. An 80% GHG reduction by 2050 is consistent with published "2-degree" scenarios.

Your response to W7.3 will determine whether W7.3a is presented in this section. If your response to W7.3 is amended, data in those dependent questions may be erased. In this case, be sure to re-enter data for all relevant questions. The guidance for each question indicates if it is a dependent question
W7.3

W7.3a

(W7.3a) Has your organization identified any water-related outcomes from your climate-related scenario analysis?

No

This question only appears if you select "Yes" in response to W7.3. Your response to W7.3a will determine whether W7.3b is presented in this section. If your response to W7.3a is amended, data in those dependent questions may be erased. In this case, be sure to re-enter data for all relevant questions. The guidance for each question indicates if it is a dependent question.
W7.3a

W7.4

(W7.4) Does your company use an internal price on water?

Row 1

Does your company use an internal price on water?

No, and we do not anticipate doing so within the next two years

Please explain (≤ 1000)

≤ 1000

W7.4

W8. Targets

This module collects information on your organization's water-related quantitative targets and qualitative goals to demonstrate your commitment to progressing water stewardship and security, and

W8.1

(W8.1) Describe your approach to setting and monitoring water-related targets and/or goals.

Row 1

Levels for targets and/or goals
Select all that apply:

- Our company sets no targets or goals
- Company-wide targets and goals
- Business level specific targets and/or goals
- Activity level specific targets and/or goals
- Site/facility specific targets and/or goals
- Brand/product specific targets and/or goals
- Country level targets and/or goals
- Basin specific targets and/or goals
- Other, please specify

No
Yes
No
No
No
No
No
No
No

Monitoring at corporate level
Select all that apply:

- None are monitored at corporate level
- Targets are monitored at the corporate level
- Goals are monitored at the corporate level

No
Yes
Yes

Approach to setting and monitoring targets and/or goals (≤ 2000)

Federal and state regulations as well as the technology required for compliance are evaluated. Targets and goals are developed based on the compliance activities required.

Your response to W8.1 will prompt which subsequent questions in this section are presented. If your response to W8.1 is amended, data in those dependent questions may be erased. In this case, be sure to re-enter data for all relevant questions. The guidance for each question indicates if it is a dependent question. If you select "Our company sets no targets and/or goals" in column 1, you will be presented with W8.1c; If you select "Targets are monitored at the corporate level" in column 2, you will be presented with W8.1a; If you select "Goals are monitored at the corporate level" in column 2, you will be presented with W8.1b.

W8.1

W8.1a

(W8.1a) Provide details of your water targets that are monitored at the corporate level, and the progress made.

Row 1

Target reference number	<input type="text" value="Target 1"/>	
Category of target	<input type="text" value="Water withdrawals"/>	
Level	<input type="text" value="Company-wide"/>	
Primary motivation	<input type="text" value="Cost savings"/>	
Description of target (≤ 1000)	<input type="text" value="90% reduction"/>	≤ 1000
Quantitative metric	<input type="text" value="% reduction in total water withdrawals"/>	
Baseline year	<input type="text" value="2005"/>	1900 - 2100
Start year	<input type="text" value="2017"/>	1900 - 2018
Target year	<input type="text" value="2025"/>	2017 - 2100
% achieved	<input type="text" value="21.00"/>	0 - 100
Please explain (≤ 1000)	<input type="text"/>	≤ 1000

Row 2

NiSource's CDP Water Questionnaire Response
08-15-2018

Target reference number	Target 2	
Category of target	Water consumption	
Level	Company-wide	
Primary motivation	Cost savings	
Description of target (≤ 1000)	90% reduction	≤ 1000
Quantitative metric	% reduction in total water consumption	
Baseline year	2005	1900 - 2100
Start year	2017	1900 - 2018
Target year	2025	2017 - 2100
% achieved	21.00	0 - 100
Please explain (≤ 1000)		≤ 1000

Row 3

Target reference number	Target 3	
Category of target	Water discharge	
Level	Company-wide	
Primary motivation	Cost savings	
Description of target (≤ 1000)	90% reduction	≤ 1000

Quantitative metric	<input type="text" value="Other, please specify"/>	
Baseline year	<input type="text" value="% reduction in total water discharge"/>	
	<input type="text" value="2005"/>	1900 - 2100
Start year	<input type="text" value="2017"/>	1900 - 2018
Target year	<input type="text" value="2025"/>	2017 - 2100
% achieved	<input type="text" value="22.00"/>	0 - 100
Please explain (≤ 1000)	<input type="text"/>	≤ 1000

*This question only appears if you select "Targets are monitored at the corporate level" in response to column 2 of W8.1.
W8.1a*

W8.1b

(W8.1b) Provide details of your water goal(s) that are monitored at the corporate level and the progress made.

Row 1

Goal	<input type="text" value="Engagement with public policy makers to advance sustainable water management and policies"/>	
Level	<input type="text" value="Company-wide"/>	
Motivation	<input type="text" value="Recommended sector best practice"/>	
Description of goal (≤ 1500)	<input type="text"/>	≤ 1500
Baseline year	<input type="text"/>	1900 - 2100
Start year	<input type="text"/>	1900 - 2018
End year	<input type="text"/>	2017 - 2100
Progress (≤ 1500)	<input type="text"/>	≤ 1500

This question only appears if you select "Goals are monitored at the corporate level" in response to column 2 of W8.1.
W8.1b

W9. Linkages and trade-offs

This module asks about linkages and tradeoffs that may have been identified and/or considered when taking actions to manage risks or pursue opportunities related to water and other environmental issues.

W9.1

(W9.1) Has your organization identified any linkages or tradeoffs between water and other environmental issues in its direct operations and/or other parts of its value chain?

Yes

Your response to W9.1 will determine whether W9.1a is presented in this section. If your response W9.1 is amended, data in those dependent questions may be erased. In this case, be sure to re-enter data for all relevant questions. The guidance for each question indicates if it is a dependent question.

W9.1

W9.1a

(W9.1a) Describe the linkages or tradeoffs and the related management policy or action.

Row 1

Linkage or tradeoff

Linkage

Type of linkage/tradeoff

Decreased wastewater treatment

Description of linkage/tradeoff (≤ 1000)

Reduction of wash water resulted in avoiding additional capital costs for a permanent waste treatment operation.

≤ 1000

Policy or action (≤ 1500)

≤ 1500

This question only appears if you select "Yes" in response to W9.1.

W9.1a

W10. Verification

W10.1

(W10.1) Do you verify any other water information reported in your CDP disclosure (not already covered by W5.1d)?

No, we do not currently verify any other water information reported in our CDP disclosure

Your response to W10.1 determines whether W10.1a is presented. If your response to W10.1 is amended, data in may be erased, be sure to re-enter data for W10.1a

W10.1

W11. Sign off

W-FI

(W-FI) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.

≤ 4000

*Please note that completing this field is optional and will not be scored.
Please click the "File upload" button (paperclip icon) to drag and drop a file.*

W11.1

(W11.1) Provide details for the person that has signed off (approved) your CDP water response.

Row 1

Job title (≤ 200)	Corresponding job category
Vice President, Environmental	Other, please specify Vice President

W11.1

W11.2

(W11.2) Please indicate whether your organization agrees for CDP to transfer your publicly disclosed data on your impact and risk response strategies to the CEO Water Mandate's Water Action Hub [applies only to W2.1a (response to impacts), W4.2 and W4.2a (response to risks)].

Yes

W11.2

Submit your response

*In which language are you submitting your response?

Please confirm how your response should be handled by CDP

Please refer to the Terms for an explanation of how CDP will use your data based on your selection.

*Public or Non-Public
Submission

*I am submitting to

I am submitting my response

Investors

Please see CDP's Privacy Policy

Please read CDP's **Terms for responding to Investors (2018 Water Security)**

*Please confirm below

I have read and accept the applicable Terms