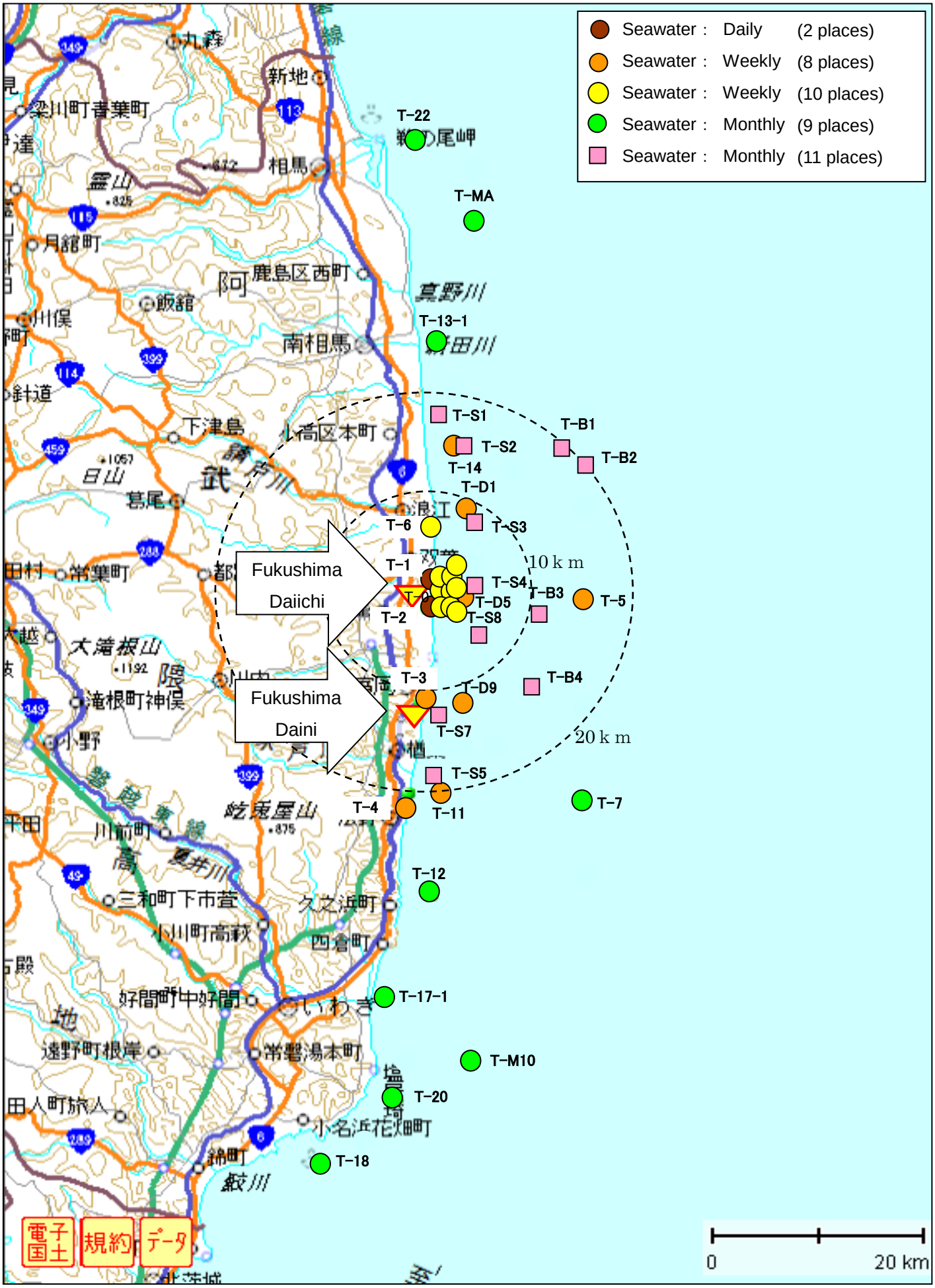


Fig. Sampling places of seawater (Offshore of Fukushima Prefecture)

[Date]

Tokyo Electric Power Company Holdings, Inc.
Fukushima Daiichi D&D Engineering Company

Analysis Results of Seawater
<In the Port, near Drainage Outlets> (Gross α・Gross β・H-3・Sr・γ)

Place of Sampling	Date and Time of Sampling	Analysis Item					
		Gross α (Bq/L)	Gross β (Bq/L)	H-3 (Bq/L)	Sr-90 (Bq/L)	Cs-134 (Bq/L)	Cs-137 (Bq/L)
Northern Part of Unit 1-4 Water Intake Canal (North of Eastern Wave Breaker), 1F							
North of Unit 5/6 Drainage Outlet ※1 (T-1), 1F							
Near Southern Drainage Outlet ※2 (T-2), 1F							
WHO Guidelines for Drinking-water Quality※3				1.0E+04	1.0E+01	1.0E+01	1.0E+01

・Half life of each nuclide: H-3 (Approx. 12 years), Sr-90 (Approx. 29 years), Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)
・Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
・ "-" indicates that the item was not included in the measurement or the sampling was stopped.
・Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10^{1}" and equals 31.
Similarly, "3.1E+00" means "$3.1\text{x}10^{0}$" and equals 3.1, and "3.1E-01" means "$3.1\text{x}10^{-1}$" and equals 0.31.
・Analysis results except for Gross α have already been released.
※1 Approx. 30 m north from Unit 5/6 Drainage Outlet (Sr-90 was analyzed by *[Name of Analysis Laboratory]* .)
※2 Approx. 320 m south from Unit 1-4 Drainage Outlet (Sr-90 was analyzed by *[Name of Analysis Laboratory]* .)
※3 Guideline levels for H-3, Sr-90, Cs-134 and Cs-137 in WHO Guidelines for Drinking-water Quality
・For the evaluation of the analyis results, please refer to the "Status of the Fukushima Daiichi NPS (Daily Report)" *(in Japanese only)* .
https://www.tepco.co.jp/press/report/

[Date]
Tokyo Electric Power Company Holdings, Inc.
Fukushima Daiichi D&D Engineering Company

Analysis Results of Seawater
<In the Port, near Drainage Outlets> (Detailed Analysis of Cs)

Place of Sampling	Date and Time of Sampling	Analysis Item	
		Cs-134 (Bq/L)	Cs-137 (Bq/L)
Port Entrance (T-0), 1F			
North of Unit 5/6 Drainage Outlet ※1 (T-1), 1F			
Near Southern Drainage Outlet ※2 (T-2), 1F			
Concentration Limit Required by Law ※3		6.0E+01	9.0E+01

・Half life of each nuclide: Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)
・Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
・"-" indicates that the item was not included in the measurement or the sampling was stopped.
・Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10^{1}" and equals 31.
Similarly, "3.1E+00" means "$3.1x10^{0}$" and equals 3.1, and "3.1E-01" means "$3.1x10^{-1}$" and equals 0.31.
・Analysed by *[Name of Analysis Laboratory].*
・Detailed analysis results using the ammonium phosphomolybdate adsotption collection method are shown.

※1 Approx. 30 m north from Unit 5/6 Drainage Outlet
※2 Approx. 320 m south from Unit 1-4 Drainage Outlet
※3 Concentration limit specified by the Regulation Concerning the Security of the Reactor Facilities at the Fukushima Daiichi Nuclear Power Station and the Protection of Specific Nuclear Fuel Material
(the concentration limit in the water outside of surrounding monitored areas in the section 6 of the appendix 1 : Limit specified by the Regulation is converted from Bq/cm^3 to Bq/L in the table.)

New Form (on and after May 9, 2022)

[Date]
Tokyo Electric Power Company Holdings, Inc.
Fukushima Daiichi D&D Engineering Company

Analysis Results of Seawater
<In the Port, near Drainage Outlets> (Detailed Analysis of Cs)

Place of Sampling	Date and Time of Sampling	Analysis Item	
		Cs-134 (Bq/L)	Cs-137 (Bq/L)
Port Entrance (T-0), 1F			
North of Unit 5/6 Drainage Outlet ※1 (T-1), 1F			
Near Southern Drainage Outlet ※2 (T-2), 1F			
WHO Guidelines for Drinking-water Quality※3		1.0E+01	1.0E+01

・Half life of each nuclide: Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)
・Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
・ "-" indicates that the item was not included in the measurement or the sampling was stopped.
・Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10^{1}" and equals 31.
Similarly, "3.1E+00" means "$3.1x10^{0}$" and equals 3.1, and "3.1E-01" means "$3.1x10^{-1}$" and equals 0.31.
・Analysed by *[Name of Analysis Laboratory].*
・Detailed analysis results using the ammonium phosphomolybdate adsotption collection method are shown.
※1 Approx. 30 m north from Unit 5/6 Drainage Outlet.
※2 Approx. 320 m south from Unit 1-4 Drainage Outlet.
※3 Guideline levels for H-3, Sr-90, Cs-134 and Cs-137 in WHO Guidelines for Drinking-water Quality
・For the evaluation of the analyis results, please refer to the "Status of the Fukushima Daiichi NPS (Daily Report)" *(in Japanese only)* .
https://www.tepco.co.jp/press/report/

[Date]
Tokyo Electric Power Company Holdings, Inc.
Fukushima Daiichi D&D Engineering Company

Analysis Results of Seawater <1.5 km Offshore of 1F Site> ([H-3・]γ)

Place of Sampling	Date and Time of Sampling	Analysis Item		
		[H-3] [(Bq/L)]	Cs-134 (Bq/L)	Cs-137 (Bq/L)
1.5 km Northern Offshore of 1F Site (T-A1)				
1.5 km Offshore of 1F Site (T-A2)				
1.5 km Southern Offshore of 1F Site (T-A3)				
WHO Guidelines for Drinking-water Quality※1		[1.0E+04]	1.0E+01	1.0E+01

・Seawater is sampled from the surface layer.
・Half life of each nuclide: [H-3 (Approx. 12 years),] Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)
・Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
・"-" indicates that the item was not included in the measurement or the sampling was stopped.
・Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10^{1}" and equals 31.
Similarly, "3.1E+00" means "3.1×10^{0}" and equals 3.1, and "3.1E-01" means "3.1×10^{-1}" and equals 0.31.

[・Analysis results except for H-3 have already been released.]

※1 Guideline levels for [H-3,]Cs-134 and Cs-137 in WHO Guidelines for Drinking-water Quality

・For the evaluation of the analyis results, please refer to the "Status of the Fukushima Daiichi NPS (Daily Report)" *(in Japanese only)*.
https://www.tepco.co.jp/press/report/

[Date]

Tokyo Electric Power Company Holdings, Inc.
Fukushima Daiichi D&D Engineering Company

Analysis Results of Seawater <Coastal Waters> (γ)

Place of Sampling	Date and Time of Sampling	Analysis Item	
		Cs-134 (Bq/L)	Cs-137 (Bq/L)
Near Northern Drainage Outlet ※1 (T-3), 2F			
Near Iwasawa Seashore ※2 (T-4), 2F			
South of Ukedo Port ※3 (T-6)			
WHO Guidelines for Drinking-water Quality※4		1.0E+01	1.0E+01

・Seawater is sampled from the surface layer.
・Half life of each nuclide: Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)
・Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
・ "-" indicates that the item was not included in the measurement or the sampling was stopped.
・Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10^{1}" and equals 31.
Similarly, "3.1E+00" means "$3.1x10^{0}$" and equals 3.1, and "3.1E-01" means "$3.1x10^{-1}$" and equals 0.31.
・Detailed analysis results using the ammonium phosphomolybdate adsotption collection method are shown.
・Analysed by *[Name of Analysis Laboratory]* .

※1 Near Unit 3/4 Drainage Outlet of the Fukushima Daini NPS (Approx. 10 km from the Fukushima Daiichi NPS)
※2 Approx. 7 km south from Unit 1/2 Drainage Outlet of the Fukushima Daini NPS (Approx. 16 km from the Fukushima Daiichi NPS)
※3 Approx. 5.5 km north from Unit 5/6 Drainage Outlet of the Fukufhima Daiichi NPS
※4 Guideline levels for Cs-134 and Cs-137 in WHO Guidelines for Drinking-water Quality
・For the evaluation of the analyis results, please refer to the "Status of the Fukushima Daiichi NPS (Daily Report)" *(in Japanese only)* .
https://www.tepco.co.jp/press/report/

[Date]

Tokyo Electric Power Company Holdings, Inc.
Fukushima Daiichi D&D Engineering Company

Analysis Results of Seawater <Coastal Waters> (Gross β・H-3・γ)

Place of Sampling	Date and Time of Sampling	Analysis Item			
		Gross β (Bq/L)	H-3 (Bq/L)	Cs-134 (Bq/L)	Cs-137 (Bq/L)
Near Northern Drainage Outlet ※1 (T-3), 2F					
South of Ukedo Port ※2 (T-6)					
Concentration Limit Required by Law ※3			6.0E+04	6.0E+01	9.0E+01

・Half life of each nuclide: H-3 (Approx. 12 years), Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)
・Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
・"-" indicates that the item was not included in the measurement or the sampling was stopped.
・Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10^{1}" and equals 31.
Similarly, "3.1E+00" means "$3.1x10^{0}$" and equals 3.1, and "3.1E-01" means "$3.1x10^{-1}$" and equals 0.31.
・Analysis results except for gross β and H-3 have already been released.
・Analysed by *[Name of Analysis Laboratory]*.

※1 Near Unit 3/4 Drainage Outlet of the Fukushima Daini NPS (Approx. 10 km from the Fukushima Daiichi NPS)
※2 Approx. 5.5 km north from Unit 5/6 Drainage Outlet of the Fukufhima Daiichi NPS
※3 Concentration limit specified by the Regulation Concerning the Security of the Reactor Facilities at the Fukushima Daiichi Nuclear Power Station and the Protection of Specific Nuclear Fuel Material
(the concentration limit in the water outside of surrounding monitored areas in the section 6 of the appendix 1 : Limit specified by the Regulation is converted from Bq/cm^3 to Bq/L in the table.)

New Form (on and after May 23, 2022)

[Date]
Tokyo Electric Power Company Holdings, Inc.
Fukushima Daiichi D&D Engineering Company

Analysis Results of Seawater <Coastal Waters> (Gross β・H-3・γ)

Place of Sampling	Date and Time of Sampling	Analysis Item			
		Gross β (Bq/L)	H-3※1 (Bq/L)	Cs-134※2 (Bq/L)	Cs-137※2 (Bq/L)
Near Northern Drainage Outlet ※3 (T-3), 2F					
South of Ukedo Port ※4 (T-6)					
WHO Guidelines for Drinking-water Quality※5			1.0E+04	1.0E+01	1.0E+01

・Seawater is sampled from the surface layer.
・Half life of each nuclide: H-3 (Approx. 12 years), Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)
・Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
・ "-" indicates that the item was not included in the measurement or the sampling was stopped.
・Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10^{1}" and equals 31.
Similarly, "3.1E+00" means "$3.1x10^{0}$" and equals 3.1, and "3.1E-01" means "$3.1x10^{-1}$" and equals 0.31.
・Analysis results except for gross β and H-3 have already been released.
※1 Analysed by [Name of Analysis Laboratory].
※2 Analysed by [Name of Analysis Laboratory].
※3 Near Unit 3/4 Drainage Outlet of the Fukushima Daini NPS (Approx. 10 km from the Fukushima Daiichi NPS)
※4 Approx. 5.5 km north from Unit 5/6 Drainage Outlet of the Fukufhima Daiichi NPS
※5 Guideline levels for H-3, Cs-134 and Cs-137 in WHO Guidelines for Drinking-water Quality
・For the evaluation of the analyis results, please refer to the "Status of the Fukushima Daiichi NPS (Daily Report)" *(in Japanese only)*.
https://www.tepco.co.jp/press/report/

[Date]

Tokyo Electric Power Company Holdings, Inc.

Fukushima Daiichi D&D Engineering Company

Analysis Results of Seawater <Offshore> (Gross β・H-3・γ)

Place of Sampling	Date and Time of Sampling	Analysis Item			
		Gross β (Bq/L)	H-3 (Bq/L)	Cs-134 ※1 (Bq/L)	Cs-137 ※1 (Bq/L)
Surface at 15 km Offshore of 1F Site (T-5)					
Surface at 3 km Offshore of Ukedo River (T-D1)					
Surface at 3 km Offshore of 1F Site (T-D5)					
Surface at 3 km Offshore of 2F Site (T-D9)					
Concentration Limit Required by Law ※2			6.0E+04	6.0E+01	9.0E+01

・Half life of each nuclide: H-3 (Approx. 12 years), Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)
・Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
・"-" indicates that the item was not included in the measurement or the sampling was stopped.
・Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10^{1}" and equals 31.
Similarly, "3.1E+00" means "$3.1x10^{0}$" and equals 3.1, and "3.1E-01" means "$3.1x10^{-1}$" and equals 0.31.
・Analysis results except for gross β and H-3 have already been released.

※1 Analysed by *[Name of Analysis Laboratory]* .

※2 Concentration limit specified by the Regulation Concerning the Security of the Reactor Facilities at the Fukushima Daiichi Nuclear Power Station and the Protection of Specific Nuclear Fuel Material
(the concentration limit in the water outside of surrounding monitored areas in the section 6 of the appendix 1 : Limit specified by the Regulation is converted from Bq/cm^3 to Bq/L in the table.)

New Form (on and after May 26, 2022)

[Date]
Tokyo Electric Power Company Holdings, Inc.
Fukushima Daiichi D&D Engineering Company

Analysis Results of Seawater <Offshore> (Gross β・H-3・γ)

Place of Sampling	Date and Time of Sampling	Analysis Item			
		Gross β (Bq/L)	H-3※1 (Bq/L)	Cs-134※2 (Bq/L)	Cs-137※2 (Bq/L)
15 km Offshore of 1F Site (T-5)					
3 km Offshore of Ukedo River (T-D1)					
3 km Offshore of 1F Site (T-D5)					
3 km Offshore of 2F Site (T-D9)					
WHO Guidelines for Drinking-water Quality※3			1.0E+04	1.0E+01	1.0E+01

・Seawater is sampled from the surface layer.
・Half life of each nuclide: H-3 (Approx. 12 years), Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)
・Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
・"-" indicates that the item was not included in the measurement or the sampling was stopped.
・Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10^{1}" and equals 31.
Similarly, "3.1E+00" means "3.1×10^{0}" and equals 3.1, and "3.1E-01" means "3.1×10^{-1}" and equals 0.31.
・Analysis results except for Gross β and H-3 have already been released.
※1 Analysed by *[Name of Analysis Laboratory]*.
※2 Analysed by *[Name of Analysis Laboratory]*.
※3 Guideline levels for Cs-134 and Cs-137 in WHO Guidelines for Drinking-water Quality
・For the evaluation of the analyis results, please refer to the "Status of the Fukushima Daiichi NPS (Daily Report)" *(in Japanese only)*.
https://www.tepco.co.jp/press/report/

[Date]
Tokyo Electric Power Company Holdings, Inc.
Fukushima Daiichi D&D Engineering Company

Analysis Results of Seawater <Offshore> (Gross α・Gross β・H-3・Sr・γ)

Place of Sampling	Date and Time of Sampling	Analysis item					
		Gross α (Bq/L)	Gross β (Bq/L)	H-3 (Bq/L)	Sr-90 ※1 (Bq/L)	Cs-134 ※2 (Bq/L)	Cs-137 ※2 (Bq/L)
Surface at 15 km Offshore of 1F Site (T-5)							
Surface at 3 km Offshore of Ukedo River (T-D1)							
Surface at 3 km Offshore of 1F Site (T-D5)							
Surface at 3 km Offshore of 2F Site (T-D9)							
Concentration Limit Required by Law ※3				6.0E+04	3.0E+01	6.0E+01	9.0E+01

・Half life of each nuclide: H-3 (Approx. 12 years), Sr-90 (Approx. 29 years), Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)
・Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
・"-" indicates that the item was not included in the measurement or the sampling was stopped.
・Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10^{1}" and equals 31.
Similarly, "3.1E+00" means "3.1×10^{0}" and equals 3.1, and "3.1E-01" means "3.1×10^{-1}" and equals 0.31.
・Analysis results except for gross α, gross β, H-3 and Sr-90 have already been released.
※1 Analysed by *[Name of Analysis Laboratory]* .
※2 Analysed by *[Name of Analysis Laboratory]* .
※3 Concentration limit specified by the Regulation Concerning the Security of the Reactor Facilities at the Fukushima Daiichi Nuclear Power Station and the Protection of Specific Nuclear Fuel Material
(the concentration limit in the water outside of surrounding monitored areas in the section 6 of the appendix 1 : Limit specified by the Regulation is converted from Bq/cm^3 to Bq/L in the table.)

[Date]
Tokyo Electric Power Company Holdings, Inc.
Fukushima Daiichi D&D Engineering Company

Analysis Results of Seawater <Offshore> (γ) Weekly

Place of Sampling		Date and Time of Sampling	Analysis Item	
			Cs-134 (Bq/L)	Cs-137 (Bq/L)
3 km Offshore of Odaka Ward ※1 (T-14)	Surface Layer			
	Bottom Layer			
3 km Offshore of Ukedo River ※2 (T-D1)	Surface Layer			
	Bottom Layer			
3 km Offshore of 1F Site ※2 (T-D5)	Surface Layer			
	Bottom Layer			
3 km Offshore of 2F Site ※2 (T-D9)	Surface Layer			
	Bottom Layer			
15 km Offshore of 1F Site ※2 (T-5)	Surface Layer			
	Bottom Layer			
3 km Offshore of Iwasawa Seashore ※2 (T-11)	Surface Layer			
	Bottom Layer			
WHO Guidelines for Drinking-water Quality※3			1.0E+01	1.0E+01

・Half life of each nuclide: Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)
・Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
・ "-" indicates that the item was not included in the measurement or the sampling was stopped.
・Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10^{1}" and equals 31.
Similarly, "3.1E+00" means "$3.1x10^{0}$" and equals 3.1, and "3.1E-01" means "$3.1x10^{-1}$" and equals 0.31.
・Detailed analysis results using the ammonium phosphomolybdate adsotption collection method are shown (starting from the publication on May 14, 2012).
※1 Analysed by *[Name of Analysis Laboratory].*
※2 Analysed by *[Name of Analysis Laboratory].*
※3 Guideline levels for Cs-134 and Cs-137 in WHO Guidelines for Drinking-water Quality
・For the evaluation of the analyis results, please refer to the "Status of the Fukushima Daiichi NPS (Daily Report)" *(in Japanese only)*. https://www.tepco.co.jp/press/report/

[Date]

Tokyo Electric Power Company Holdings, Inc.
Fukushima Daiichi D&D Engineering Company

Analysis Results of Seawater (Pu)

Place of Sampling	Date and Time of Sampling	Analysis Item	
		Pu-238 (Bq/L)	Pu-239+Pu-240 (Bq/L)
Northern Part of Unit 1-4 Water Intake Canal (North of Eastern Wave Breaker) ※1, 1F			
North of Unit 5/6 Drainage Outlet ※2 (T-1), 1F			
Near Southern Drainage Outlet ※2 (T-2), 1F			
Surface layer at 15 km Offshore of 1F Site ※1 (T-5)			
Surface layer at 3 km Offshore of Ukedo River ※1 (T-D1)			
Surface layer at 3 km Offshore of 1F Site ※1 (T-D5)			
Surface layer at 3 km Offshore of 2F Site ※1 (T-D9)			
Range of past measurement values in the sea near 1F and 2F Sites (From FY2001 to FY2010) ※3		—	ND～1.3E-05

・Half life of each nuclide: Pu-238 (Approx. 88 years), Pu-239 (Approx. 24,000 years), Pu-240 (Approx. 6,600 years)

・Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).

・ "-" indicates that the item was not included in the measurement or the sampling was stopped.

・Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10^{1}" and equals 31.
Similarly, "3.1E+00" means "3.1×10^{0}" and equals 3.1, and "3.1E-01" means "3.1×10^{-1}" and equals 0.31.

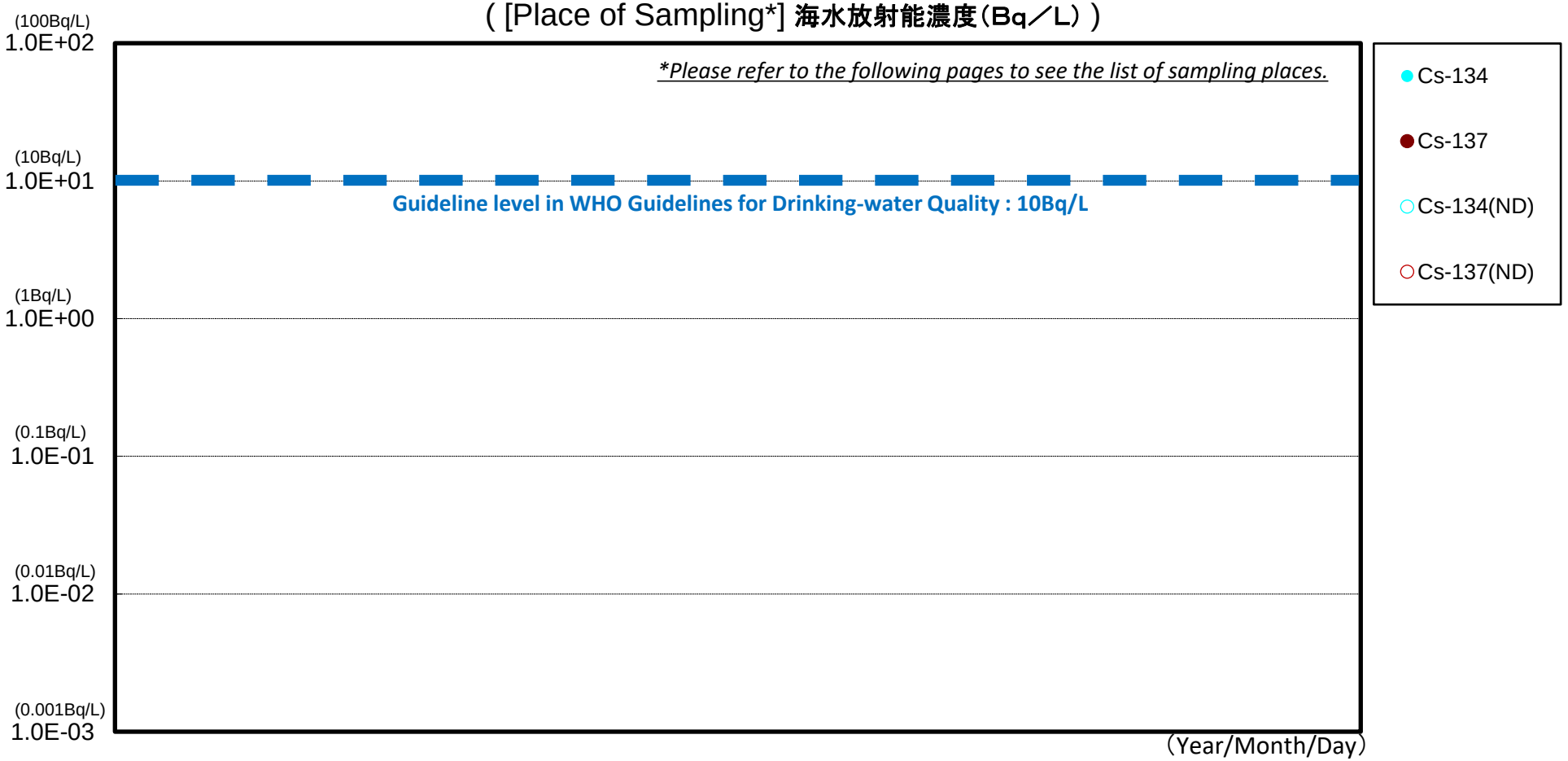
・Analyses are conducted once in six months at the sampling places above except for the northern part of Unit 1-4 Water Intake Canal (north of Eastern Wave Breaker) at 1F.

※1 Analysed by *[Name of Analysis Laboratory]*.

※2 Analysed by *[Name of Analysis Laboratory]*.

※3 Source: "FY2011 Report on the Results of Radioactivity Measurements in the Environment surrounding the Nuclear Power Stations" (Liaison Committee on the Technology for Securing Safety of the Nuclear Power Stations in Fukushima Prefecture)

Radioactive Concentration of Seawater at [Place of Sampling*] (Bq/L)
([Place of Sampling*] 海水放射能濃度（Bq／L）)



* Guideline levels for Cs-134 and Cs-137 in WHO Guidelines for Drinking-water Quality are both 1.0E+01Bq/L (10Bq/L).

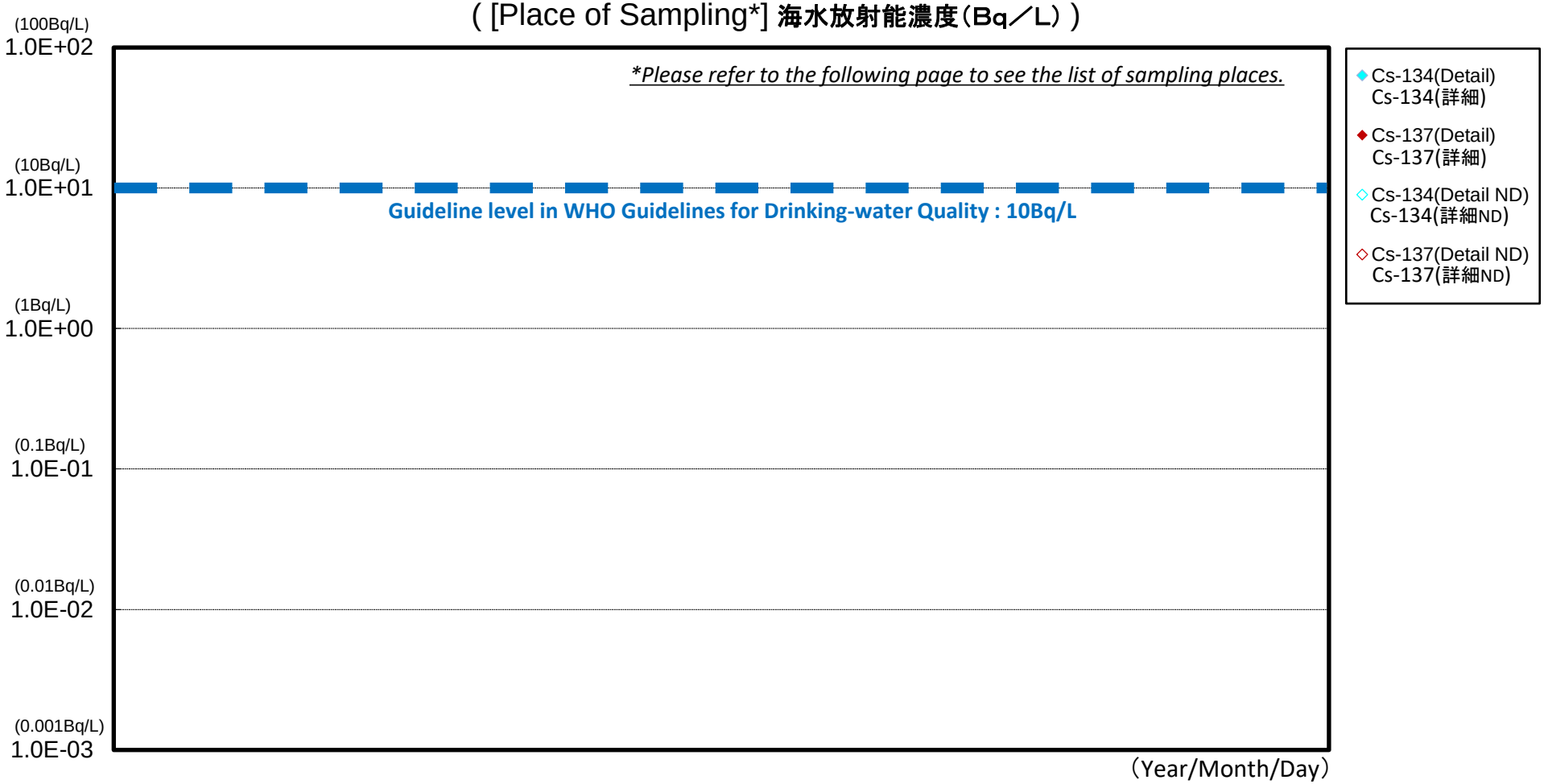
** (ND) indicates that measurement result is less than the lower detection limit. The detection limit may vary depending on the measurement environment and the characteristics of each measuring instrument.

List of Sampling Places - Seawater (Cs-134 and Cs-137)

Japanese	English
福島第一　5,6号機放水口北側（T-1）	North of Unit 5/6 Drainage Outlet (T-1), 1F
福島第一　南放水口付近（T-2）	Near Southern Drainage Outlet (T-2), 1F
福島第一　物揚場前	In front of Shallow Draft Quay, 1F
福島第一　1～4号機取水口内北側（東波除堤北側）	Northern Part of Unit 1-4 Water Intake Canal (North of Eastern Wave Breaker), 1F
福島第一　1～4号機取水口内南側（遮水壁前）	Southern Part of Unit 1-4 Water Intake Canal (In front of the Impermeable Wall), 1F
福島第一　6号機取水口前	In front of Unit 6 Water Intake, 1F
福島第一　港湾口	Port Entrance, 1F
福島第一　港湾中央	Central Area in the Port, 1F
福島第一　港湾内東側	Eastern Area in the Port, 1F
福島第一　港湾内西側	Western Area in the Port, 1F
福島第一　港湾内北側	Northern Area in the Port, 1F
福島第一　港湾内南側	Southern Area in the Port, 1F
福島第一　北防波堤北側	North of Northern Seawall, 1F
福島第一　港湾口北東側	Northeast of the Port Entrance, 1F
福島第一　港湾口東側	East of the Port Entrance, 1F
福島第一　港湾口南東側	Southeast of the Port Entrance, 1F
福島第一　南防波堤南側	South of Southern Seawall, 1F
小高区沖合3km(T-14)　表層	Surface layer at 3 km Offshore of Odaka Ward (T-14)
小高区沖合3km(T-14)　底層	Bottom layer at 3 km Offshore of Odaka Ward (T-14)
請戸川沖合3km(T-D1)　表層	Surface layer at 3 km Offshore of Ukedo River (T-D1)
請戸川沖合3km(T-D1)　底層	Bottom layer at 3 km Offshore of Ukedo River (T-D1)
福島第一　敷地沖合3km(T-D5)　表層	Surface layer at 3 km Offshore of 1F site (T-D5)
福島第一　敷地沖合3km(T-D5)　底層	Bottom layer at 3 km Offshore of 1F site (T-D5)
福島第二　敷地沖合3km(T-D9)　表層	Surface layer at 3 km Offshore of 2F site (T-D9)
福島第二　敷地沖合3km(T-D9)　底層	Bottom layer at 3 km Offshore of 2F site (T-D9)
福島第一　敷地沖合15km(T-5)　表層	Surface layer at 15 km Offshore of 1F site (T-5)
福島第一　敷地沖合15km(T-5)　底層	Botom layer at 15 km Offshore of 1F site (T-5)
岩沢海岸沖合3km(T-11)　表層	Surface layer at 3 km Offshore of Iwasawa Seashore (T-11)
岩沢海岸沖合3km(T-11)　底層	Bottom layer at 3 km Offshore of Iwasawa Seashore (T-11)
1F敷地北側沖合1.5km(T-A1)	1.5 km Northern Offshore of 1F Site (T-A1)
1F敷地沖合1.5km(T-A2)	1.5 km Offshore of 1F Site (T-A2)
1F敷地南側沖合1.5km(T-A3)	1.5 km Southern Offshore of 1F Site (T-A3)

Japanese	English
岩沢海岸沖合15km(T-7)　表層	Surface layer at 15 km Offshore of Iwasawa Seashore (T-7)
岩沢海岸沖合15km(T-7)　底層	Bottom layer at 15 km Offshore of Iwasawa Seashore (T-7)
小名浜港沖合3km(T-18)　表層	Surface layer at 3 km Offshore of Onahama Port (T-18)
小名浜港沖合3km(T-18)　底層	Bottom layer at 3 km Offshore of Onahama Port (T-18)
沼の内沖合5km(T-M10)　表層	Surface layer at 5 km Offshore of Numanouchi (T-M10)
沼の内沖合5km(T-M10)　底層	Bottom layer at 5 km Offshore of Numanouchi (T-M10)
いわき市北部沖合3km(T-12)　表層	Surface layer at 3 km Offshore of Northern Part of Iwaki City (T-12)
いわき市北部沖合3km(T-12)　底層	Bottom layer at 3 km Offshore of Northern Part of Iwaki City (T-12)
夏井川沖合1km(T-17-1)　表層	Surface layer at 1 km Offshore of Natsui River (T-17-1)
夏井川沖合1km(T-17-1)　底層	Bottom layer at 1 km Offshore of Natsui River (T-17-1)
豊間沖合3km(T-20)　表層	Surface layer at 3 km Offshore of Toyoma (T-20)
豊間沖合3km(T-20)　底層	Bottom layer at 3 km Offshore of Toyoma (T-20)
新田川沖合1km(T-13-1)　表層	Surface layer at 1 km Offshore of Niida River (T-13-1)
新田川沖合1km(T-13-1)　底層	Bottom layer at 1 km Offshore of Niida River (T-13-1)
相馬沖合3km(T-22)　表層	Surface layer at 3 km Offshore of Soma (T-22)
相馬沖合3km(T-22)　底層	Bottom layer at 3 km Offshore of Soma (T-22)
鹿島沖合5km(T-MA)　表層	Surface layer at 5 km Offshore of Kashima (T-MA)
鹿島沖合5km(T-MA)　底層	Bottom layer at 5 km Offshore of Kashima (T-MA)
太田川沖合1km付近(T-S1)　表層	Surface layer at around 1 km Offshore of Ota River (T-S1)
太田川沖合1km付近(T-S1)　底層	Bottom layer at around 1 km Offshore of Ota River (T-S1)
請戸川沖合3km付近(T-S3)　表層	Surface layer at around 3 km Offshore of Ukedo River (T-S3)
請戸川沖合3km付近(T-S3)　底層	Bottom layer at around 3 km Offshore of Ukedo River (T-S3)
福島第一　敷地沖合3km付近(T-S4)　表層	Surface layer at around 3 km Offshore of 1F Site (T-S4)
福島第一　敷地沖合3km付近(T-S4)　底層	Bottom layer at around 3 km Offshore of 1F Site (T-S4)
木戸川沖合2km付近(T-S5)　表層	Surface layer at around 2 km Offshore of Kido River (T-S5)
木戸川沖合2km付近(T-S5)　底層	Bottom layer at around 2 km Offshore of Kido River (T-S5)
福島第二　敷地沖合2km付近(T-S7)　表層	Surface layer at around 2 km Offshore of 2F Site (T-S7)
福島第二　敷地沖合2km付近(T-S7)　底層	Bottom layer at around 2 km Offshore of 2F Site (T-S7)
熊川沖合4km付近(T-S8)　表層	Surface layer at around 4 km Offshore of Kuma River (T-S8)
熊川沖合4km付近(T-S8)　底層	Bottom layer at around 4 km Offshore of Kuma River (T-S8)
小高区沖合15km付近(T-B1)　表層	Surface layer at around 15 km Offshore of Odaka Ward (T-B1)
小高区沖合15km付近(T-B1)　底層	Bottom layer at around 15 km Offshore of Odaka Ward (T-B1)
請戸川沖合18km付近(T-B2)　表層	Surface layer at around 18 km Offshore of Ukedo River (T-B2)
請戸川沖合18km付近(T-B2)　底層	Bottom layer at around 18 km Offshore of Ukedo River (T-B2)
福島第一　敷地沖合10km付近(T-B3)　表層	Surface layer at around 10 km Offshore of 1F Site (T-B3)
福島第一　敷地沖合10km付近(T-B3)　底層	Bottom layer at around 10 km Offshore of 1F Site (T-B3)
福島第二　敷地沖合10km付近(T-B4)　表層	Surface layer at around 10 km Offshore of 2F Site (T-B4)
福島第二　敷地沖合10km付近(T-B4)　底層	Bottom layer at around 10 km Offshore of 2F Site (T-B4)

Radioactive Concentration of Seawater at [Place of Sampling*] (Bq/L)
([Place of Sampling*] 海水放射能濃度（Bq／L）)



* Guideline levels for Cs-134 and Cs-137 in WHO Guidelines for Drinking-water Quality are both 1.0E+01Bq/L (10Bq/L).

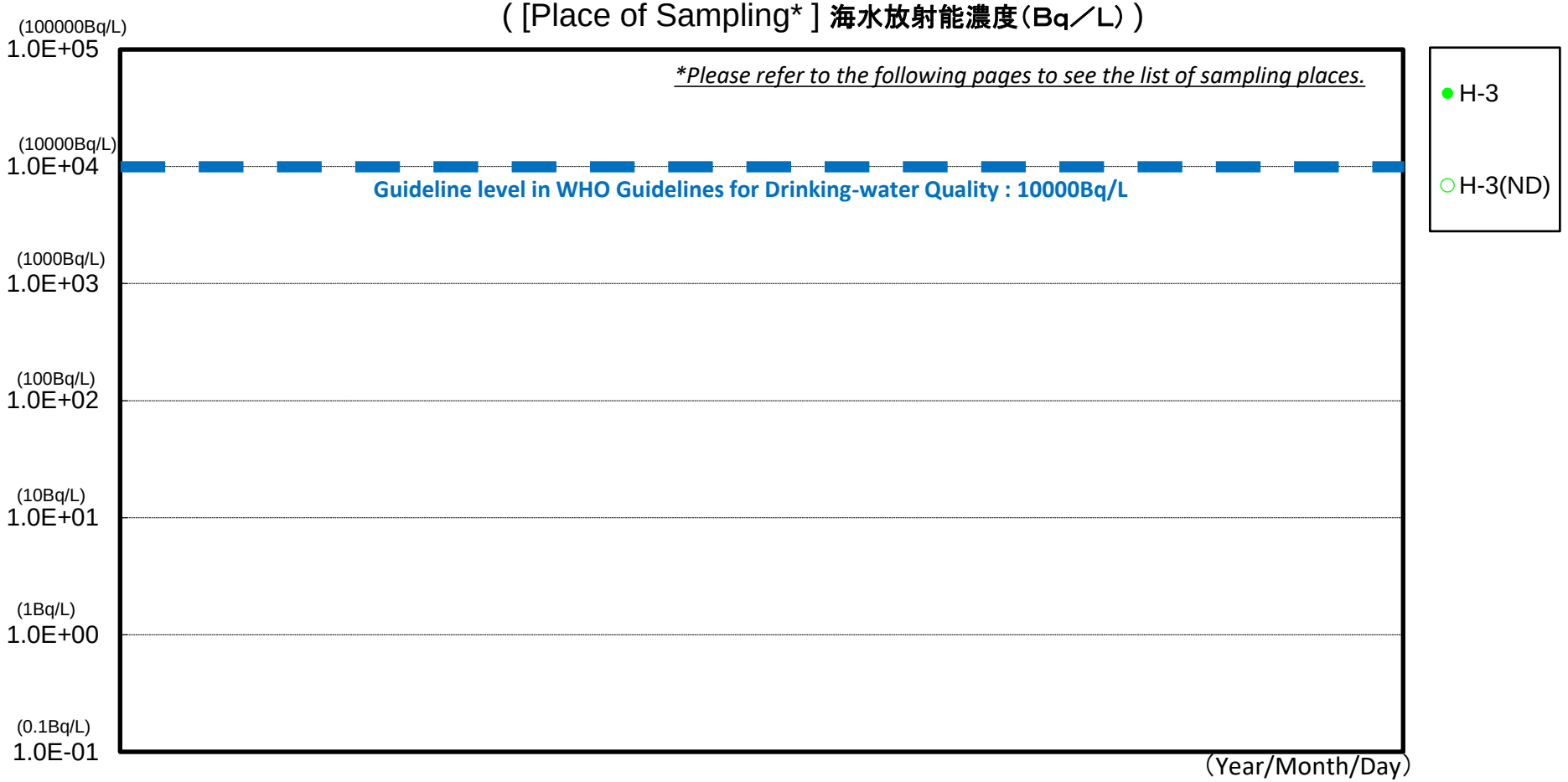
** (ND) indicates that measurement result is less than the lower detection limit. The detection limit may vary depending on the measurement environment and the characteristics of each measuring instrument.

List of Sampling Places - Seawater (Cs-134 (Detail) and Cs-137 (Detail))

Japanese	English
福島第一　5,6号機放水口北側（T-1）	North of Unit 5/6 Drainage Outlet (T-1), 1F
福島第一　南放水口付近（T-2）	Near Southern Drainage Outlet (T-2), 1F
福島第二　北放水口付近（T-3）	Near Northern Drainage Outlet (T-3), 2F
福島第二　岩沢海岸付近（T-4）	Near Iwasawa Seashore (T-4), 2F
諸戸港南側（T-6）	South of Ukedo Port (T-6)
福島第一　港湾口	Port Entrance, 1F

Radioactive Concentration of Seawater at [Place of Sampling*] (Bq/L)

([Place of Sampling*] 海水放射能濃度（Bq／L）)



* Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).

** (ND) indicates that measurement result is less than the lower detection limit. The detection limit may vary depending on the measurement environment and the characteristics of each measuring instrument.

List of Sampling Places - Seawater (H-3)

Japanese	English
福島第一　5,6号機放水口北側(T-1)	North of Unit 5/6 Drainage Outlet (T-1), 1F
福島第一　南放水口付近(T-2)	Near Southern Drainage Outlet (T-2), 1F
福島第二　北放水口付近(T-3)	Near Northern Drainage Outlet (T-3), 2F
請戸港南側(T-6)	South of Ukedo Port (T-6)
福島第一　北防波堤北側	North of Northern Seawall, 1F
福島第一　港湾口北東側	Northeast of the Port Entrance, 1F
福島第一　港湾口東側	East of the Port Entrance, 1F
福島第一　港湾口南東側	Southeast of the Port Entrance, 1F
福島第一　南防波堤南側	South of Southern Seawall, 1F
請戸川沖合3km(T-D1)　表層	Surface layer at 3 km Offshore of Ukedo River (T-D1)
福島第一　敷地沖合3km(T-D5)　表層	Surface layer at 3 km Offshore of 1F site (T-D5)
福島第二　敷地沖合3km(T-D9)　表層	Surface layer at 3 km Offshore of 2F site (T-D9)
福島第一　敷地沖合15km(T-5)　表層	Surface layer at 15 km Offshore of 1F site (T-5)
1F敷地北側沖合1.5km(T-A1)	1.5 km Northern Offshore of 1F Site (T-A1)
1F敷地沖合1.5km(T-A2)	1.5 km Offshore of 1F Site (T-A2)
1F敷地南側沖合1.5km(T-A3)	1.5 km Southern Offshore of 1F Site (T-A3)
福島第一　物揚場前	In front of Shallow Draft Quay, 1F
福島第一　1～4号機取水口内北側(東波除堤北側)	Northern Part of Unit 1-4 Water Intake Canal (North of Eastern Wave Breaker), 1F
福島第一　1～4号機取水口内南側(遮水壁前)	Southern Part of Unit 1-4 Water Intake Canal (In front of the Impermeable Wall), 1F
福島第一　6号機取水口前	In front of Unit 6 Water Intake, 1F
福島第一　港湾口	Port Entrance, 1F
福島第一　港湾中央	Central Area in the Port, 1F
福島第一　港湾内東側	Eastern Area in the Port, 1F
福島第一　港湾内西側	Western Area in the Port, 1F
福島第一　港湾内北側	Northern Area in the Port, 1F
福島第一　港湾内南側	Southern Area in the Port, 1F

Japanese	English
岩沢海岸沖合15km(T-7)　表層	Surface layer at 15 km Offshore of Iwasawa Seashore (T-7)
小名浜港沖合3km(T-18)　表層	Surface layer at 3 km Offshore of Onahama Port (T-18)
沼の内沖合5km(T-M10)　表層	Surface layer at 5 km Offshore of Numanouchi (T-M10)
いわき市北部沖合3km(T-12)　表層	Surface layer at 3 km Offshore of Northern Part of Iwaki City (T-12)
夏井川沖合1km(T-17-1)　表層	Surface layer at 1 km Offshore of Natsui River (T-17-1)
豊間沖合3km(T-20)　表層	Surface layer at 3 km Offshore of Toyoma (T-20)
新田川沖合1km(T-13-1)　表層	Surface layer at 1 km Offshore of Niida River (T-13-1)
相馬沖合3km(T-22)　表層	Surface layer at 3 km Offshore of Soma (T-22)
鹿島沖合5km(T-MA)　表層	Surface layer at 5 km Offshore of Kashima (T-MA)
太田川沖合1km付近(T-S1)　表層	Surface layer at around 1 km Offshore of Ota River (T-S1)
小高区沖合3km付近(T-S2)　表層	Surface layer at around 3 km Offshore of Odaka Ward (T-S2)
請戸川沖合3km付近(T-S3)　表層	Surface layer at around 3 km Offshore of Ukedo River (T-S3)
福島第一　敷地沖合3km付近(T-S4)　表層	Surface layer at around 3 km Offshore of 1F Site (T-S4)
木戸川沖合2km付近(T-S5)　表層	Surface layer at around 2 km Offshore of Kido River (T-S5)
福島第二　敷地沖合2km付近(T-S7)　表層	Surface layer at around 2 km Offshore of 2F Site (T-S7)
熊川沖合4km付近(T-S8)　表層	Surface layer at around 4 km Offshore of Kuma River (T-S8)
小高区沖合15km付近(T-B1)　表層	Surface layer at around 15 km Offshore of Odaka Ward (T-B1)
請戸川沖合18km付近(T-B2)　表層	Surface layer at around 18 km Offshore of Ukedo River (T-B2)
福島第一　敷地沖合10km付近(T-B3)　表層	Surface layer at around 10 km Offshore of 1F Site (T-B3)
福島第二　敷地沖合10km付近(T-B4)　表層	Surface layer at around 10 km Offshore of 2F Site (T-B4)