

Nuclide Analysis Results of Seawater <Offshore of Miyagi Prefecture 1/2>

Reference

(Data summarized on July 30)

Place of Sampling	Ishinomaki bay Upper Layer		Ishinomaki bay Middle Layer		Ishinomaki bay Lower Layer		Offshore of East side of Kinkasan Upper Layer		Offshore of East side of Kinkasan Middle Layer		Offshore of East side of Kinkasan Lower Layer		Density limit by the announcement of Reactor Regulation (Bq/ L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	July 26, 2011 10:00		July 26, 2011 10:04		July 26, 2011 9:55		July 26, 2011 8:16		July 26, 2011 8:13		July 26, 2011 8:06		
Detected Nuclides (Half-life)	Density of Sample (Bq/ L)	Scaling Factor ( / )	Density of Sample (Bq/ L)	Scaling Factor ( / )	Density of Sample (Bq/ L)	Scaling Factor ( / )	Density of Sample (Bq/ L)	Scaling Factor ( / )	Density of Sample (Bq/ L)	Scaling Factor ( / )	Density of Sample (Bq/ L)	Scaling Factor ( / )	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90

Place of Sampling	Offshore of South side of Kinkasan Upper Layer		Offshore of South side of Kinkasan Middle Layer		Offshore of South side of Kinkasan Lower Layer		Offshore of Shichigahama Upper Layer		Offshore of Shichigahama Middle Layer		Offshore of Shichigahama Lower Layer		Density limit by the announcement of Reactor Regulation (Bq/ L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	July 26, 2011 8:52		July 26, 2011 8:57		July 26, 2011 8:50		July 26, 2011 9:30		July 26, 2011 9:35		July 26, 2011 9:32		
Detected Nuclides (Half-life)	Density of Sample (Bq/ L)	Scaling Factor ( / )	Density of Sample (Bq/ L)	Scaling Factor ( / )	Density of Sample (Bq/ L)	Scaling Factor ( / )	Density of Sample (Bq/ L)	Scaling Factor ( / )	Density of Sample (Bq/ L)	Scaling Factor ( / )	Density of Sample (Bq/ L)	Scaling Factor ( / )	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm<sup>3</sup> to Bq/L

Data of other nuclides are under evaluation.

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L, Cs-134: approx. 4Bq/L, Cs-137: approx. 4Bq/L

Please note that these nuclides are sometimes detected even when they are below the threshold, contingent on the detector or samples.

Nuclide Analysis Results of Seawater <Offshore of Miyagi Prefecture 2/2>

Reference

( Data summarized : July 30 )

Place of Sampling	Central area of Sendai bay Upper Layer		Central area of Sendai bay Middle Layer		Central area of Sendai bay Lower Layer		Offshore of Abukumagawa Upper Layer		Offshore of Abukumagawa Middle Layer		Offshore of Abukumagawa Lower Layer		Density limit by the announcement of Reactor Regulation (Bq/ L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	July 26, 2011 7:11		July 26, 2011 7:25		July 26, 2011 7:15		July 26, 2011 8:27		July 26, 2011 8:33		July 26, 2011 8:29		
Detected Nuclides (Half-life)	Density of Sample (Bq/ L)	Scaling Factor ( / )	Density of Sample (Bq/ L)	Scaling Factor ( / )	Density of Sample (Bq/ L)	Scaling Factor ( / )	Density of Sample (Bq/ L)	Scaling Factor ( / )	Density of Sample (Bq/ L)	Scaling Factor ( / )	Density of Sample (Bq/ L)	Scaling Factor ( / )	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm<sup>3</sup> to Bq/L

Data of other nuclides are under evaluation.

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L, Cs-134: approx. 5Bq/L, Cs-137: approx. 4Bq/L

Please note that these nuclides are sometimes detected even when they are below the threshold, contingent on the detector or samples.