

Nuclides Analysis Result of the Radioactive Materials in the Seawater < Offshore of Miyagi Prefecture 1/2 >

(Data summarized on July 17)

Place of Sampling (Place No.)	Offshore of Minamisanriku (T-MG0)						Ishinomaki Bay (T-MG1)						② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
	Upper Layer		Middle Layer		Lower Layer		Upper Layer		Middle Layer		Lower Layer		
Time of Sampling	Jun 12, 2012 9:40 AM		Jun 12, 2012 9:50 AM		Jun 12, 2012 9:36 AM		Jun 12, 2012 10:47 AM		Jun 12, 2012 10:57 AM		Jun 12, 2012 10:50 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	ND	-	ND	-	0.0021	0.00	0.014	0.00	0.014	0.00	0.013	0.00	60
Cs-137 (Approx. 30 years)	0.0036	0.00	0.0039	0.00	0.0050	0.00	0.021	0.00	0.021	0.00	0.021	0.00	90

Place of Sampling (Place No.)	Offshore of Kinkasan East (T-MG2)						Offshore of Kinkasan South (T-MG3)						② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
	Upper Layer		Middle Layer		Lower Layer		Upper Layer		Middle Layer		Lower Layer		
Time of Sampling	Jun 12, 2012 8:15 AM		Jun 12, 2012 8:36 AM		Jun 12, 2012 8:23 AM		Jun 12, 2012 9:13 AM		Jun 12, 2012 9:34 AM		Jun 12, 2012 9:19 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	0.0025	0.00	ND	-	ND	-	0.0027	0.00	0.0019	0.00	ND	-	60
Cs-137 (Approx. 30 years)	0.0050	0.00	0.0025	0.00	0.0021	0.00	0.0034	0.00	0.0040	0.00	0.0028	0.00	90

* The density specified by the Reactor Regulation is converted from Bq/cm³ to Bq/L.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* Analyzed by : THE GENERAL ENVIRONMENTAL TECHNOS Co., LTD.

* "ND" indicates that the measurement result is below the detection limit.

Cs-134: Approx.0.0019Bq/L

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

Nuclides Analysis Result of the Radioactive Materials in the Seawater < Offshore of Miyagi Prefecture 2/2 >

(Data summarized on July 17)

Place of Sampling (Place No.)	Offshore of Shichigahama (T-MG4)						Central Area of Sendai Bay (T-MG5)						② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
	Upper Layer		Middle Layer		Lower Layer		Upper Layer		Middle Layer		Lower Layer		
Time of Sampling	Jun 12, 2012 8:15 AM		Jun 12, 2012 8:10 AM		Jun 12, 2012 7:55 AM		Jun 12, 2012 9:18 AM		Jun 12, 2012 9:15 AM		Jun 12, 2012 9:08 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	0.018	0.00	0.015	0.00	0.020	0.00	0.011	0.00	0.019	0.00	0.014	0.00	60
Cs-137 (Approx. 30 years)	0.025	0.00	0.024	0.00	0.029	0.00	0.017	0.00	0.027	0.00	0.022	0.00	90

Place of Sampling (Place No.)	Offshore of Abukuma River (T-MG6)												② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
	Upper Layer		Middle Layer		Lower Layer								
Time of Sampling	Jun 12, 2012 10:46 AM		Jun 12, 2012 10:38 AM		Jun 12, 2012 10:23 AM								
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	0.021	0.00	0.018	0.00	0.016	0.00							60
Cs-137 (Approx. 30 years)	0.029	0.00	0.028	0.00	0.024	0.00							90

* The density specified by the Reactor Regulation is converted from Bq/cm³ to Bq/L.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

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