



**【 Definite Report 】 Nuclides Analysis Result of Marine Soil**

Place of Sampling (Place No.)	Around 2km Offshore of 2F (T-S7)				
Time of Sampling	Jun 24, 2012 6:35 AM				
Detected Nuclides (Half-life)	Radioactivity Density ( Bq/kg · Dry Soil)				
I-131 (Approx. 8 days)	ND				
Cs-134 (Approx. 2 years)	160				
Cs-137 (Approx. 30 years)	260				
Mn-54 (Approx. 310 days)	3.1				
Co-60 (Approx. 5 years)	ND				
Tc-99m (Approx. 6 hrs)	ND				
Ag-110m (Approx. 250 days)	ND				
Sb-125 (Approx. 3 yrs)	ND				
Te-129 (Approx. 70 mins)	ND				
Te-129m (Approx. 34 days)	ND				
Cs-136 (Approx. 13 days)	ND				
Ba-140 (Approx. 13 days)	ND				
La-140 (Approx. 40 hrs)	ND				

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

The detection limits of the three major nuclides not detected are as follows.

I-131: Approx. 5.4 Bq/kg, dry soil.

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

\* As for other sampling points at "Summary of Marine Soil Monitoring Result : Fukushima Daiichi Nuclear Power Station (June 2012) " (announced on August 17, 2012, reference), nuclide other than three major nuclides was not detected

**【Definite Report】 Nuclides Analysis Result of the Marine Soil in the Port of Fukushima Daiichi NPS < 1/2 >**

Place of Sampling	South, in front of Shallow Draft Quay, Fukushima Daiichi NPS		Offshore of Unit 1 Water Intake, Fukushima Daiichi NPS		Offshore of Unit 2 Water Intake, Fukushima Daiichi NPS
	Place No.	- 2	- 3	- 1	- 2
Time of Sampling	Jul 23, 2012 10:39 AM		Jul 23, 2012 10:56 AM		Jul 23, 2012 11:08 AM
Detected Nuclides (Half-life)	Radioactivity Density (Bq/kg · Dry Soil)				
I-131 (Approx. 8 days)	ND	ND	ND	ND	ND
Cs-134 (Approx. 2 years)	7,500	24,000	360,000	80	120
Cs-137 (Approx. 30 years)	12,000	39,000	540,000	140	200
Mn-54 (Approx. 310 days)	33	42	190	6.6	7.4
C0-60 (Approx. 5 years)	15	31	290	ND	ND
Tc-99m (Approx. 6 hrs)	ND	ND	ND	ND	ND
Ag-110m (Approx. 250 days)	ND	ND	ND	ND	ND
Sb-125 (Approx. 3 yrs)	ND	ND	ND	ND	ND
Te-129 (Approx. 70 mins)	ND	ND	ND	ND	ND
Te-129m (Approx. 34 days)	ND	ND	ND	ND	ND
Cs-136 (Approx. 13 days)	ND	ND	ND	ND	ND
Ba-140 (Approx. 13 days)	ND	ND	ND	ND	ND
La-140 (Approx. 40 hrs)	ND	ND	ND	ND	ND

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

The detection limits of the three major nuclides not detected are as follows.

I-131: Approx. 1,500 Bq/kg, dry soil.

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

\* As for other sampling points at "Nuclides Analysis Result of the Marine Soil in the Port of Fukushima Daiichi NPS " (announced on August 31, 2012, reference), nuclide other than three major nuclides was not detected

【 Definite Report 】 Nuclides Analysis Result of the Marine Soil in the Port of Fukushima Daiichi NPS < 2/2 >

Place of Sampling	South - North, around the entrance of breakwater, Fukushima Daiichi NPS	Offshore of Unit 3 Water Intake, Fukushima Daiichi NPS			
		- 1	- 2	- 3	
Place No.					
Time of Sampling	Jul 23, 2012 11:37 AM	Jul 23, 2012 11:20 AM			
Detected Nuclides (Half-life)	Radioactivity Density (Bq/kg · Dry Soil)				
I-131 (Approx. 8 days)	ND	ND	ND	ND	
Cs-134 (Approx. 2 years)	1,300	70,000	73,000	130,000	
Cs-137 (Approx. 30 years)	2,100	110,000	110,000	190,000	
Mn-54 (Approx. 310 days)	9.7	ND	ND	ND	
Co-60 (Approx. 5 years)	ND	100	69	54	
Tc-99m (Approx. 6 hrs)	ND	ND	ND	ND	
Ag-110m (Approx. 250 days)	ND	ND	ND	ND	
Sb-125 (Approx. 3 yrs)	ND	ND	ND	ND	
Te-129 (Approx. 70 mins)	ND	ND	ND	ND	
Te-129m (Approx. 34 days)	ND	ND	ND	ND	
Cs-136 (Approx. 13 days)	ND	ND	ND	ND	
Ba-140 (Approx. 13 days)	ND	ND	ND	ND	
La-140 (Approx. 40 hrs)	ND	ND	ND	ND	

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

The detection limits of the three major nuclides not detected are as follows.

I-131: Approx. 1,500 Bq/kg, dry soil.

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

\* As for other sampling points at "Nuclides Analysis Result of the Marine Soil in the Port of Fukushima Daiichi NPS " (announced on August 31, 2012, reference), nuclide other than three major nuclides was not detected