

Results of Radioactive Material Monitoring of Groundwater in the Disaster-Afflicted Areas (Activity Concentrations (Report No. 4))

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As an emergency response to the Great East Japan Earthquake, the Ministry of the Environment (MOE) is conducting water quality monitoring surveys of hazardous materials, etc. in groundwater in the disaster-afflicted areas. In conjunction with surveys of hazardous materials, groundwater in Fukushima Prefecture has been surveyed to measure activity concentrations.

The results of the completed portion of the measurement are released here as Report No. 4 (activity concentrations for samples collected in Fukushima Prefecture on July 19 and 20) and as Report No. 2 (concentrations of hazardous materials for samples collected in Fukushima Prefecture on June 10, 21 to 24, and 27 to 30 and for samples collected in Ibaraki Prefecture on June 10, 16, and 27 to 29 and on July 1).

○ Outline of Results

1. Radioactive materials

I-131, Cs-134, and Cs-137 were not detectable at any of the ten locations surveyed in Fukushima City (detection limit: 10 Bq/L). (See the Annex for details.)

○ Future Responses

MOE provided the measurement results to the Fukushima prefectural government and other relevant organizations. Regarding locations where values exceeding the environmental standard values for groundwater were detected, the Fukushima prefectural government, etc. instructed the owners of the relevant wells not to drink well water. MOE will conduct additional surveys and take other necessary measures in collaboration with the relevant organizations.

- Results
- Groundwater

(Annex)

Location (10 Points)		Sampling Date	Activity concentration (Bq/L)				Remarks
Municipality	Location		I-131	Cs		Other detected radionuclides	
				Cs-134	Cs-137		
Soma City	Tamano	2011/7/19	ND	ND	ND	ND	
	Higashitamano	2011/7/19	ND	ND	ND	ND	
Minamisoma City	Kashima Ward Kamitochikubo	2011/7/19	ND	ND	ND	ND	
	Kashima Ward Jisabara	2011/7/19	ND	ND	ND	ND	
	Haramachi Ward Fukono	2011/7/19	ND	ND	ND	ND	
	Haramachi Ward Shidazawa	2011/7/19	ND	ND	ND	ND	
	Haramachiku Ward Ishigami	2011/7/20	ND	ND	ND	ND	
	Haramachi Ward Okido	2011/7/20	ND	ND	ND	ND	
	Haramachi Ward Okido	2011/7/20	ND	ND	ND	ND	
	Haramachi Ward Kamiota	2011/7/20	ND	ND	ND	ND	

* When measured values were below the detection limit for radioactive concentrations in groundwater (10 Bq/L) adopted for this monitoring, they are indicated as "ND."

(Map attached)

No.	District
1	Soma City Tamano
2	Soma City Higashitamano
3	Minamisoma City Kashima Ward Kamitochikubo
4	Minamisoma City Kashima Ward Jisabara
5	Minamisoma City Haramachi Ward Fukono
6	Minamisoma City Haramachi Ward Shidazawa
7	Minamisoma City Haramachiku Ward Ishigami
8	Minamisoma City Haramachi Ward Okido
9	Minamisoma City Haramachi Ward Okido
10	Minamisoma City Haramachi Ward Kamiota

