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Results of Radioactive Material Monitoring of Groundwater in Fukushima Prefecture (Report No. 2)

Thursday, August 4, 2011 Office of Groundwater and Ground Environment, Soil Environment Division, Environmental Management Bureau, Ministry of the Environment Direct line: 03-5521-8309 Switchboard: 03-3581-3351 Director: Shinsuke Unisuga (ext. 6670) Deputy Director: Kazuhisa Matsuda (ext. 6671)

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. 2 (for samples collected on June 21, 22, 23, and 24).

• Outline of Results

I-131, Cs-134, and Cs-137 were not detectable at some of the locations surveyed in Fukushima Prefecture (32 locations) or at any of the locations surveyed in Iwaki City (nine locations) (detection limit: 10 Bq/L). (See Annex for details.)

• Future Plans

Sampling has been completed at 101 locations, including those surveyed so far, within Fukushima Prefecture by the end of June. The results for the remaining samples and those to be collected in the scheduled locations will be released when available.

Natsunashi

Yanomeda

Oaza Takanuki

Ohisa Town Ohisa

Miwamachi Goudo

Tairashimokabeya

Tairanumanouchi

Nagasaki

Tono Town katoono

Kawamaemachi Kamioukeuri

Tabitomachi Town kaidomari

Izumimachi Town Takijiri

Oaza Minowa

Ishikawa Town

Furudono Town

Asakawa Town

Iwaki City

 Groundwater 							
Location (41 Points)			Activity concentration (Bq/L)				
Municipality	Location	Sampling Date	I-131	Cs		Other detected	Remarks
				Cs-134	Cs-137	radionuclides	
Date City	Ryozem Town Kamioguni	2011/6/23	ND	ND	ND	ND	
Kawamata Town	Oaza Akiyama	2011/6/23	ND	ND	ND	ND	
	Oaza Haneda	2011/6/23	ND	ND	ND	ND	
	Oaza Tsuruzawa	2011/6/23	ND	ND	ND	ND	
	Oaza Tsuruzawa	2011/6/23	ND	ND	ND	ND	
	Shinnaka Town	2011/6/23	ND	ND	ND	ND	
Tamura City	Takiniemachi Town Sugaya	2011/6/22	ND	ND	ND	ND	
Sukagawa City	Namegawa	2011/6/23	ND	ND	ND	ND	
	Morijuku	2011/6/23	ND	ND	ND	ND	
	Morijuku	2011/6/22	ND	ND	ND	ND	
	Morijuku	2011/6/23	ND	ND	ND	ND	
	Okubo	2011/6/23	ND	ND	ND	ND	
	Iwabuchi	2011/6/23	ND	ND	ND	ND	
Kagamiishi Town	Kabanosawa Town	2011/6/24	ND	ND	ND	ND	
	Kagaminuma	2011/6/24	ND	ND	ND	ND	
	Okanouchi	2011/6/24	ND	ND	ND	ND	
	Narita	2011/6/24	ND	ND	ND	ND	
	Suwa Town	2011/6/24	ND	ND	ND	ND	
Tenei Village	Oaza Iitoyo	2011/6/23	ND	ND	ND	ND	
Tamakawa Village	Oaza Tatsuzaki	2011/6/23	ND	ND	ND	ND	
	Oaza Naka	2011/6/23	ND	ND	ND	ND	
	Oaza Odaka	2011/6/23	ND	ND	ND	ND	
Nishigo Village	Oaza Habuto	2011/6/24	ND	ND	ND	ND	
	Oaza Yone	2011/6/24	ND	ND	ND	ND	
	Oaza Odakura	2011/6/24	ND	ND	ND	ND	
Shirakawa City	Kurabeishi	2011/6/24	ND	ND	ND	ND	
	Shirasaka	2011/6/24	ND	ND	ND	ND	
	Oaza Shirasaka	2011/6/24	ND	ND	ND	ND	
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* 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.""

2011/6/24

2011/6/24

2011/6/24

2011/6/24

2011/6/22

2011/6/22

2011/6/21

2011/6/22

2011/6/22

2011/6/22

2011/6/21

2011/6/21

2011/6/21

ND

(Map attached)

