

(Announcement)
 The Results of Radioactive Material Monitoring
 on the Coast of Fukushima Prefecture
 (February Samples)

1. Survey Overview

- (1) Survey Period
February 4-7, 2014
- (2) Survey Locations
15 environmental reference points, etc. along the coast of Fukushima Prefecture
- (3) Survey Method
 - Measurement of concentrations of radioactive materials (radioactive cesium (Cs-134 and Cs-137)) in water and sediment

2. Outline of Results (* denotes the results of the previous survey (January 2014))

- (1) Water Quality (lower detection limit: 1Bq/L)
Cs-134 + Cs-137: Not detectable (ND) at any location (*ND at any location)

<Reference>

Specification and Standards for Food, Food Additives, etc. in accordance with the Food Sanitation Act (Drinking Water) (Ministry of Health, Labour and Welfare Public Notice No.130, March 15, 2012)
 Radioactive cesium (total for Cs-134+Cs-137): 10Bq/kg

Target value for radioactive materials in tap water (management target for water supply facilities) (March 5, 2012; 0305 Notice No.1 from the Director of the Water Supply Division, Health Service Bureau, Ministry of Health, Labour and Welfare)
 Radioactive cesium (total for Cs-134+Cs-137): 10Bq/kg

(2) Sediment (Lower detection limit: 10Bq/kg (dried mud))

Overall, the levels were around 500Bq/kg or below at almost all locations. While there were some fluctuations, the levels generally have declined or remained constant.
 Cs-134 + Cs-137: 11-1,160Bq/kg (dried mud) (*13-700Bq/kg (dried mud))

<Reference> Number of locations by radioactive cesium concentration (500Bq/kg)
 Numbers in () denote results measured on the previous occasion.

	500 or below	501 -1,000	1,001 -1,500	1,501 -2,000	2,001 -2,500	2,501 or more	Total
Coasts	11 (13)	2 (2)	2 (0)	-	-	-	15 (15)

(Annex for details)
 (Map attached)

3. Future Plans

MOE intends to continue to measure radioactive materials since concentrations of radioactive materials seem to show fluctuations, depending on locations, due to minor differences in sampling points or properties of samples of each survey.

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Coast: Water Quality Monitoring Results

(Annex)

Sampling point			Sampling date	Weather	Full depth (m)	General items				Radioactive material concentrations (Bq/L)		Remarks	
No.	Water body					Sampling depth (m)	Secchi disk depth (m)	Salinity (‰)	SS (mg/L)	Turbidity	Radioactive cesium		
											Cs-134		Cs-137
1	Neighboring sea area of Soso	Approx. 2,000 m offshore of Tsurushihama Fishing Port	2014/2/4	Light Snow	15.3	0.5	4.0	28	2	1	<1	<1	
		Surface layer				14.3							28
2	Matsukawaura sea area	Around center of Fishing Right Area-1	2014/2/4	Light Snow	1.7	0.5	>1.7	27	3	2	<1	<1	
						Surface layer							0.7
3	Neighboring sea area of Soso	Approx. 2,000 m offshore of Manogawa River	2014/2/5	Sunny	19.3	0.5	5.0	28	3	1	<1	<1	
						Surface layer							18.3
4	Neighboring sea area of Haramachi City	Approx. 1,000 m offshore of Niidagawa River	2014/2/5	Sunny	8.0	0.5	6.0	27	2	1	<1	<1	
						Surface layer							7.0
5	Neighboring sea area of Haramachi City	Approx. 1,000 m offshore of Otagawa River	2014/2/6	Sunny	10.6	0.5	7.0	28	2	1	<1	<1	
						Surface layer							9.6
6	Neighboring sea area of Soso District	Approx. 1,000 m offshore of Odakagawa River	2014/2/5	Sunny	12.2	0.5	2.0	28	8	4	<1	<1	
						Surface layer							11.2
7	Neighboring sea area of Soso District	Approx. 2,000 m offshore of Ukedogawa River	2014/2/6	Sunny	15.9	0.5	9.0	28	2	1	<1	<1	
						Surface layer							14.9
8	Neighboring sea area of Soso District	Approx. 1,000 m offshore of Kumagawa River	2014/2/7	Sunny	12.6	0.5	3.3	28	5	2	<1	<1	
						Surface layer							11.6
9	Neighboring sea area of Soso District	Approx. 1,000 m offshore of Tomiokagawa River	2014/2/7	Sunny	10.4	0.5	3.7	28	4	1	<1	<1	
						Surface layer							9.4
10	Neighboring sea area of Narahamachi Town	Approx. 1,000 m offshore of Kidogawa River	2014/2/6	Sunny	9.2	0.5	4.5	28	3	1	<1	<1	
						Surface layer							8.2
11	Approx. 1,000 m offshore of Asamigawa River Estuary		2014/2/6	Sunny	9.5	0.5	3.5	29	7	1	<1	<1	
						Surface layer							8.5
12	Approx. 1,000 m offshore of Ohisagawa River Estuary		2014/2/6	Cloudy	11.4	0.5	4.2	29	4	1	<1	<1	
						Surface layer							10.4
13	Neighboring sea area of Iwakishi City	Approx. 1,500 m offshore of Natsuigawa River	2014/2/7	Sunny	17.6	0.5	6.3	28	2	1	<1	<1	
						Surface layer							16.6
14	Onahama Port	Approx. 400 m north of Nishibouhatei No. 2	2014/2/7	Sunny	16.1	0.5	5.3	29	2	1	<1	<1	
						Surface layer							15.1
15	Joban coastal sea area	Approx. 1,000 m offshore of Bindagawa River	2014/2/7	Cloudy	18.1	0.5	5.2	29	3	1	<1	<1	
						Surface layer							17.1

- Sampling points are listed from north to south.
- Radioactive materials concentrations contain some measurement errors but are not noted here.

○Coast: Sediment Monitoring Results

No.	Water body		Sampling date	Weather	Full depth (m)	General items			Concentration of radioactive material [Bq/kg (dried mud)]			Remarks
						Mud sampling depth (cm)	Mud content %	Property	Radioactive cesium			
									Cs-134	Cs-137	Total	
1	Neighboring sea area of Soso	Approx. 2,000 m offshore of Tsurushihama Fishing Port	2014/2/4	Light Snow	15.3	10	76	Sand	<10	11	11	
2	Matsukawaura sea area	Around center of Fishing Right Area-1	2014/2/4	Light Snow	1.7	10	77	Sand	<10	39	39	
3	Neighboring sea area of Soso	Approx. 2,000 m offshore of Manogawa River	2014/2/5	Sunny	19.3	10	79	Sand	<10	11	11	
4	Neighboring sea area of Haramachi City	Approx. 1,000 m offshore of Niidagawa River	2014/2/5	Sunny	8.0	10	63	Sand/silt	61	160	221	
5		Approx. 1,000 m offshore of Otagawa River	2014/2/6	Sunny	10.6	10	72	Sand	14	40	54	
6		Approx. 1,000 m offshore of Odakagawa River	2014/2/5	Sunny	12.2	10	72	Sand	11	24	35	
7		Approx. 2,000 m offshore of Ukedogawa River	2014/2/6	Sunny	15.9	10	76	Sand/silt	42	110	152	
8	Neighboring sea area of Soso District	Approx. 1,000 m offshore of Kumagawa River	2014/2/7	Sunny	12.6	10	74	Sand	170	450	620	
9		Approx. 1,000 m offshore of Tomiokagawa River	2014/2/7	Sunny	10.4	10	72	Sand/silt	330	810	1,140	
10	Neighboring sea area of Narahamachi To	Approx. 1,000 m offshore of Kidogawa River	2014/2/6	Sunny	9.2	10	51	Sand/silt	350	810	1,160	
11	Approx. 1,000 m offshore of Asamigawa River Estuary		2014/2/6	Sunny	9.5	10	73	Sand	72	190	262	
12	Approx. 1,000 m offshore of Ohisagawa River Estuary		2014/2/6	Cloudy	11.4	10	74	Sand	41	120	161	
13	Neighboring sea area of Iwakishi City	Approx. 1,500 m offshore of Natsugawa River	2014/2/7	Sunny	17.6	10	73	Sand	20	56	76	
14	Onahama Port	Approx. 400 m north of Nishibouhatei No. 2	2014/2/7	Sunny	16.1	10	49	Silt	180	450	630	
15	Joban coastal sea area	Approx. 1,000 m offshore of Bindagawa River	2014/2/7	Cloudy	18.1	10	73	Sand	29	69	98	

• Sampling points are listed from north to south.

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