(News Release)
The Results of Radioactive Material Monitoring on the Coast of Fukushima Prefecture (September Samples)

<Simultaneously released to the Fukushima Prefecture Press Club>

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In accordance with the Comprehensive Radiation Monitoring Plan determined by the Monitoring Coordination Meeting, the Ministry of the Environment (MOE) is continuing to monitor radioactive materials in water environments (surface water areas (rivers, lakes and headwaters, and coasts), etc.).

Samples taken along the coast of Fukushima Prefecture during the period of September 13-30, 2013 have been measured as part of MOE's efforts to monitor radioactive materials; the results have recently been compiled and are released here.

The results of monitoring of radioactive materials carried out to date can be found at the following web page: http://www.env.go.jp/jishin/rmp.html#monitoring

1. Survey Overview
   (1) Survey Locations
   15 environmental reference points, etc. along the coast of Fukushima Prefecture

   (2) 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 (August 2013))
   (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, and had a declining tendency.

Cs-134 + Cs-137: ND- 580Bq/kg (dried mud) (*15-1,240Bq/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	14 (12)	1 (2)	0 (1)	-	-	-	15 (15)

(Annex for details)
(Map attached)

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.

○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	Surface layer	2013/9/27	Sunny	15.5	0.5	4.3	29	2	2	<1	<1	
			Lower layer				14.5		29	3	1	<1	<1	
2	Matsukawaura sea area	Around center of Fishing Right Area-1	Surface layer	2013/9/27	Sunny	1.9	0.5	>1.9	28	5	2	<1	<1	
			Lower layer				0.9		28	3	3	<1	<1	
3	Neighboring sea area of Soso	Approx. 2,000 m offshore of Manogawa River	Surface layer	2013/9/30	Cloudy	19.5	0.5	3.8	30	2	2	<1	<1	
			Lower layer				18.5		30	12	4	<1	<1	
4	Neighboring sea area of Haramachi City	Approx. 1,000 m offshore of Niidagawa River	Surface layer	2013/9/30	Sunny	7.9	0.5	1.5	29	20	11	<1	<1	
			Lower layer				6.9		30	43	12	<1	<1	
5		Approx. 1,000 m offshore of Otagawa River	Surface layer	2013/9/30	Sunny	10.9	0.5	1.8	30	10	6	<1	<1	
			Lower layer				9.9		30	10	4	<1	<1	
6	Neighboring sea area of Soso District	Approx. 1,000 m offshore of Odakagawa River	Surface layer	2013/9/30	Cloudy	11.8	0.5	2.9	30	5	3	<1	<1	
			Lower layer				10.8		30	17	7	<1	<1	
7		Approx. 2,000 m offshore of Ukedogawa River	Surface layer	2013/9/30	Sunny	15.8	0.5	5.1	30	7	1	<1	<1	
			Lower layer				14.8		30	7	3	<1	<1	
8		Approx. 1,000 m offshore of Kumagawa River	Surface layer	2013/9/13	Cloudy	11.7	0.5	5.3	29	2	1	<1	<1	
			Lower layer				10.7		30	2	1	<1	<1	
9		Approx. 1,000 m offshore of Tomiokagawa River	Surface layer	2013/9/13	Cloudy	10.4	0.5	5.0	29	3	1	<1	<1	
			Lower layer				9.4		30	4	1	<1	<1	
10	Neighboring sea area of Narahamachi Town	Approx. 1,000 m offshore of Kidogawa River	Surface layer	2013/9/19	Sunny	9.8	0.5	3.1	28	5	2	<1	<1	
			Lower layer				8.8		29	6	2	<1	<1	
11	Approx. 1,000 m offshore of Asamigawa River estuary		Surface layer	2013/9/19	Sunny	10.3	0.5	3.9	29	2	1	<1	<1	
			Lower layer				9.3		29	3	1	<1	<1	
12	Approx. 1,000 m offshore of Ohisagawa River estuary		Surface layer	2013/9/19	Sunny	10.4	0.5	3.8	29	5	2	<1	<1	
			Lower layer				9.4		29	4	2	<1	<1	
13	Neighboring sea area of Iwakishi City	Approx. 1,500 m offshore of Natsuigawa River	Surface layer	2013/9/20	Sunny	17.6	0.5	8.3	29	2	1	<1	<1	
			Lower layer				16.6		30	4	0	<1	<1	
14	Onahama Port	Approx. 400 m north of Nishibouhatei No. 2	Surface layer	2013/9/20	Sunny	16.1	0.5	3.0	26	5	1	<1	<1	
			Lower layer				15.1		30	2	1	<1	<1	
15	Joban coastal sea area	Approx. 1,000 m offshore of Bindagawa River	Surface layer	2013/9/20	Sunny	18.4	0.5	4.2	29	3	1	<1	<1	
			Lower layer				17.4		30	1	1	<1	<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

Sampling point			Sampling date	Weather	Full depth (m)	General items			Concentration of radioactive material［Bq/kg (dried mud)]			Remarks
No.	Water body					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	2013/9/27	Sunny	15.5	10	73	Sand	<10	<10	-	
2	Matsukawaura sea area	Around center of Fishing Right Area-1	2013/9/27	Sunny	1.9	10	77	Sand/silt	33	68	101	
3	Neighboring sea area of Soso	Approx. 2,000 m offshore of Manogawa River	2013/9/30	Cloudy	19.5	10	76	Sand	<10	23	23	
4	Neighboring sea area of Haramachi City	Approx. 1,000 m offshore of Niidagawa River	2013/9/30	Sunny	7.9	10	77	Sand	25	54	79	
5		Approx. 1,000 m offshore of Otagawa River	2013/9/30	Sunny	10.9	10	75	Sand	11	27	38	
6	Neighboring sea area of Soso District	Approx. 1,000 m offshore of Odakagawa River	2013/9/30	Cloudy	11.8	10	68	Sand/silt	120	260	380	
7		Approx. 2,000 m offshore of Ukedogawa River	2013/9/30	Sunny	15.8	10	74	Sand/silt	57	130	187	
8		Approx. 1,000 m offshore of Kumagawa River	2013/9/13	Cloudy	11.7	10	75	Sand	180	400	580	
9		Approx. 1,000 m offshore of Tomiokagawa River	2013/9/13	Cloudy	10.4	10	75	Sand	100	240	340	
10	Neighboring sea area of Narahamachi Town	Approx. 1,000 m offshore of Kidogawa River	2013/9/19	Sunny	9.8	10	77	Sand	61	130	191	
11	Approx. 1,000 m offshore of Asamigawa River estuary		2013/9/19	Sunny	10.3	10	76	Sand	43	100	143	
12	Approx. 1,000 m offshore of Ohisagawa River estuary		2013/9/19	Sunny	10.4	10	75	Sand	30	66	96	
13	Neighboring sea area of Iwakishi City	Approx. 1,500 m offshore of Natsuigawa River	2013/9/20	Sunny	17.6	10	77	Sand	14	33	47	
14	Onahama Port	Approx. 400 m north of Nishibouhatei No. 2	2013/9/20	Sunny	16.1	10	58	Silt/sand	150	300	450	
15	Joban coastal sea area	Approx. 1,000 m offshore of Bindagawa River	2013/9/20	Sunny	18.4	10	73	Sand	40	89	129	

・Sampling points are listed from north to south.

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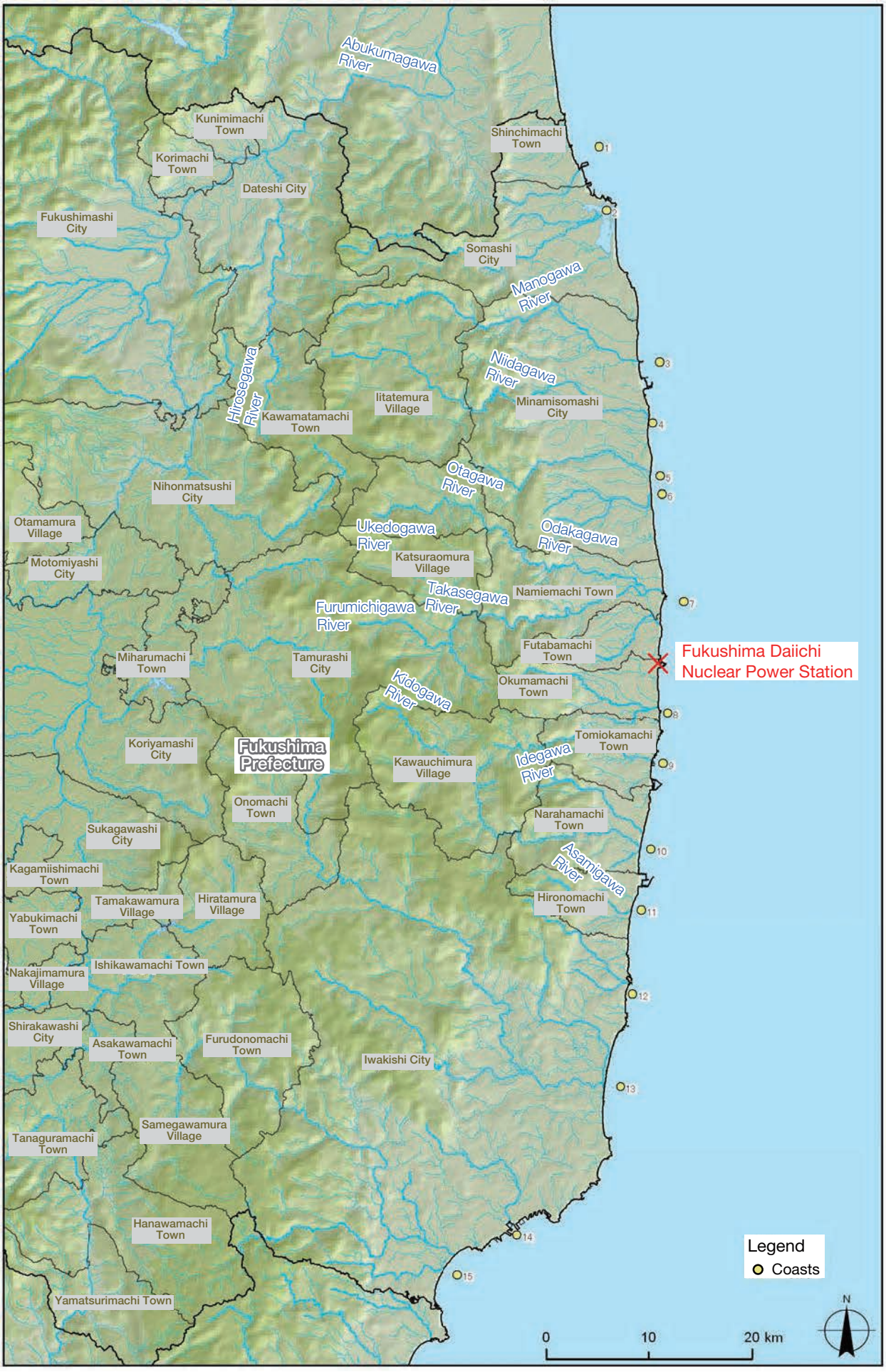
Abukumagawa River
Kunimimachi Town
Shinchimachi Town
Korimachi Town
Dateshi City
Fukushimashi City
Somashi City
Manogawa River
Niidagawa River
Hirosegawa River
Iitatemura Village
Minamisomashi City
Kawamatamachi Town
Otagawa River
Nihonmatsushi City
Otamamura Village
Ukedogawa River
Odakagawa River
Katsuraomura Village
Motomiyashi City
Takasegawa River
Namiemachi Town
Furumichigawa River
Futabamachi Town
Fukushima Daiichi Nuclear Power Station
Miharumachi Town
Tamurashi City
Okumamachi Town
Kidogawa River
Tomiokamachi Town
Koriyamashi City
Fukushima Prefecture
Kawauchimura Village
Idegawa River
Onomachi Town
Narahamachi Town
Sukagawashi City
Asamigawa River
Kagamiishimachi Town
Tamakawamura Village
Hiratamura Village
Hironomachi Town
Yabukimachi Town
Ishikawamachi Town
Nakajimamura Village
Shirakawashi City
Asakawamachi Town
Furudonomachi Town
Iwakishi City
Samegawamura Village
Tanaguramachi Town
Hanawamachi Town
Yamatsurimachi Town
Legend
Coasts
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