

(News Release)
The Results of Radioactive Material Monitoring of the Surface Water Bodies
within Fukushima Prefecture
(April-June Samples)

<Simultaneously released to the Fukushima Prefecture Press Club>

Friday, August 9, 2013 Water Environment Division, Environment Management Bureau, Ministry of the Environment Direct line: 03-5521-8316 Switchboard: 03-3581-3351 Director: Masanobu Miyazaki (ext. 6610) Deputy Director: Saori Nagasawa (ext. 6614) Coordinator: Katsuhiko Sato (ext. 6628)

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 bodies (rivers, lakes and headwaters, and coasts), etc.).

Samples taken from the surface water bodies of Fukushima Prefecture during the period of April 24-June 28, 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 monitoring results of radioactive materials in surface water bodies 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

222 environmental reference points, etc. in the surface water bodies within Fukushima Prefecture
(Rivers: 123 locations, Lakes and headwaters: 84 locations, Coasts: 15 locations)

Note: Starting with this survey, there are 5 new locations (lakes: 2 locations, coasts: 3 locations)

(2) Survey Method

- Measurement of concentrations of radioactive materials (radioactive cesium (Cs-134 and Cs-137)) in water and sediment
- Measurement of concentrations of radioactive materials and spatial dose-rate in soil in the surrounding environment of water and sediment sample collection points (river terraces, etc.)

2. Outline of Results (* denotes the results of the previous survey (December 2012-March 2013))

(1) Water Quality (Lower detection limit: 1Bq/L)

Radioactive materials were not detectable (ND) at almost all locations, but were detectable in water with high levels of suspended solids (SS) and turbidity at some locations, such as the area around the Tokyo Electric Power Company's Fukushima Daiichi Nuclear Power Station.

In the case of lakes and headwaters in particular, radioactive materials were detected at locations prone to higher turbidity, such as those with substrata and those where the water is shallow.

(Rivers)

Cs-134 + Cs-137: ND-2Bq/L (* ND-1Bq/L)

(Lakes and headwaters)

Cs-134 + Cs-137: ND-47Bq/L (* ND-100Bq/L)

(Coasts)

Cs-134 + Cs-137: 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))

At the majority of locations in rivers, and lakes and headwaters, the levels were around 2,000Bq/kg or below (coasts: 1,000Bq/kg), but high figures were seen at some locations, such as the area around the Tokyo Electric Power Company's Fukushima Daiichi Nuclear Power Station.

In terms of the overall trend, levels in rivers, and lakes and headwaters have generally remained constant or declined, with some variation in the fluctuation; in particular, although substantial fluctuations could be seen at some locations, such as the area around the Tokyo Electric Power Company's Fukushima Daiichi Nuclear Power Station, no major increases were observed overall. As for coasts, the levels have declined or remained constant.

(Rivers)

Cs-134 + Cs-137: ND-33,000Bq/kg (dried mud) (*ND-23,700Bq/kg (dried mud))

(Lakes and headwaters)

Cs-134 + Cs-137: ND-460,000Bq/kg (dried mud) (*33-560,000Bq/kg (dried mud))

(Coasts)

Cs-134 + Cs-137: 15-620Bq/kg (dried mud) (*ND-1,110Bq/kg (dried mud))

<Reference> Number of locations by radioactive cesium concentration (1,000Bq/kg)
Numbers in () denote results measured on the previous occasion.

	1000 or below	1,001 -2,000	2,001 -3,000	3,001 -4,000	4,001 -5,000	5,001 or more	Total
Rivers	195 (205)	20 (28)	14 (15)	2 (4)	2 (6)	11 (16)	244 (274)
Lakes and headwaters	66 (55)	17 (10)	7 (10)	7 (4)	4 (5)	42 (42)	143 (126)
Coasts	15 (45)	0 (1)	-	-	-	-	15 (46)

(3) Surrounding Environment (Lower detection limit: 10Bq/kg (dry))

(Rivers)

Cs-134 + Cs-137: ND-174,000Bq/kg (dry) (*ND-203,000Bq/kg (dry))

Spatial dose: 0.06-10.22μSv/h

(Lakes and headwaters)

Cs-134 + Cs-137: 16-310,000Bq/kg (dry) (*35-680,000Bq/kg (dry))

Spatial dose: 0.01-24.68μSv/h

(Annex for details)
(Map attached)

Future Plans

MOE intends to continue to measure radioactive materials in water, sediment, etc. in rivers, lakes, etc., 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.

○River (Fukushima Prefecture, Hamadori Area): Water Quality Monitoring Results

Sampling point				Sampling date	Weather	Full depth (m)	General items					Radioactive material concentrations (Bq/L)		Remarks
No.	Water body	Point	Municipality				Sampling depth (m)	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity	Radioactive cesium		
												Cs-134	Cs-137	
1	Jizogawa River	Hamahatabashi Bridge	Shinchimachi Town	2013/5/14	Sunny	1.8	0.0	39	1,290	12	7.6	<1	<1	
				2013/6/24	Sunny	4.0	0.0	82	4,330	2	2.6	<1	<1	
2	Koizumigawa River	Koizumibashi Bridge	Somashi City	2013/5/15	Cloudy	1.0	0.0	32	22	17	9.6	<1	<1	
				2013/6/24	Sunny	0.5	0.0	34	24	10	8.3	<1	<1	
3	Koizumigawa River	Hyakkenbashi Bridge	Somashi City	2013/5/14	Sunny	0.3	0.0	37	2,500	22	16.0	<1	<1	
				2013/6/21	Cloudy	0.3	0.0	21	1,820	12	10.0	<1	<1	
4	Udagawa River	Horisakabashi Bridge	Somashi City	2013/5/15	Sunny	0.6	0.0	>100	11	1	1.6	<1	<1	
				2013/6/24	Sunny	0.5	0.0	>100	14	1	1.7	<1	<1	
5	Udagawa River	Hyakkenbashi Bridge	Somashi City	2013/5/14	Sunny	0.7	0.0	>100	1,750	4	3.4	<1	<1	
				2013/6/21	Cloudy	0.7	0.0	73	3,760	3	2.7	<1	<1	
6	Manogawa River	Ochiaibashi Bridge	Minamisomashi City	2013/5/13	Cloudy	1.0	0.0	78	14	4	4.2	<1	<1	
				2013/6/24	Sunny	0.6	0.0	>100	13	1	1.0	<1	<1	
7	Manogawa River	Majimabashi Bridge	Minamisomashi City	2013/5/13	Cloudy	2.7	0.0	>100	1,300	4	2.9	<1	<1	
				2013/6/24	Sunny	2.0	0.0	70	3,780	4	3.4	<1	<1	
8	Niidagawa River	Kusano	Iitatemura Village	2013/5/15	Sunny	0.7	0.0	>100	9	1	1.6	<1	<1	
				2013/6/26	Cloudy	0.4	0.0	>100	8	2	2.3	<1	<1	
9	Niidagawa River	Komiya	Iitatemura Village	2013/5/15	Sunny	0.5	0.0	>100	7	1	1.5	<1	<1	
				2013/6/26	Cloudy	0.4	0.0	70	8	6	3.8	<1	<1	
10	Niidagawa River	Kidouchibashi Bridge	Minamisomashi City	2013/5/14	Sunny	1.5	0.0	>100	7	3	2.1	<1	<1	
				2013/6/24	Sunny	0.8	0.0	>100	8	1	1.3	<1	<1	
11	Niidagawa River	Sakekawabashi Bridge	Minamisomashi City	2013/5/13	Cloudy	1.0	0.0	>100	115	2	1.5	<1	<1	
				2013/6/24	Sunny	0.7	0.0	98	320	3	2.7	<1	<1	
12	Otagawa River	Ishiwatadobashi Bridge	Minamisomashi City	2013/5/14	Sunny	0.9	0.0	>100	5	2	1.2	<1	<1	
				2013/6/25	Sunny	0.5	0.0	>100	6	2	1.0	<1	<1	
13	Otagawa River	Kaminouchihashi Bridge	Minamisomashi City	2013/5/14	Sunny	0.8	0.0	>100	6	2	1.1	<1	<1	
				2013/6/25	Sunny	0.3	0.0	>100	7	2	0.9	<1	<1	
14	Otagawa River	Masudabashi Bridge	Minamisomashi City	2013/5/14	Sunny	0.1	0.0	>100	8	2	0.9	<1	<1	
				2013/6/25	Sunny	0.3	0.0	>100	9	2	0.8	<1	<1	
15	Otagawa River	JR Tetsudobashi Bridge	Minamisomashi City	2013/5/14	Sunny	0.3	0.0	>100	8	2	2.0	<1	<1	
				2013/6/25	Sunny	0.3	0.0	>100	12	3	2.0	<1	<1	
16	Otagawa River	Maruyamabashi Bridge	Minamisomashi City	2013/5/14	Cloudy	0.6	0.0	91	1,540	4	3.0	<1	<1	
				2013/6/25	Sunny	0.3	0.0	92	2,660	4	3.0	<1	<1	
17	Odakagawa River	Shimokawarabashi Bridge	Minamisomashi City	2013/5/13	Cloudy	0.2	0.0	>100	10	<1	0.9	<1	<1	
				2013/6/26	Cloudy	0.4	0.0	>100	10	1	1.4	<1	<1	
18	Odakagawa River	Zenchobashi Bridge	Minamisomashi City	2013/5/13	Cloudy	0.4	0.0	>100	13	2	1.7	<1	<1	
				2013/6/25	Sunny	0.3	0.0	49	13	7	5.2	<1	<1	
19	Odakagawa River	Hatsukarabashi Bridge	Minamisomashi City	2013/5/13	Cloudy	1.0	0.0	63	2,290	10	6.0	<1	<1	
				2013/6/25	Sunny	0.7	0.0	53	2,340	8	5.5	<1	<1	
20	Ukedogawa River	Muroharabashi Bridge	Namiemachi Town	2013/5/20	Sunny	0.6	0.0	>100	6	1	1.0	<1	<1	
				2013/6/25	Cloudy	0.2	0.0	>100	6	1	1.8	<1	1	
21	Ukedogawa River	Ukedobashi Bridge	Namiemachi Town	2013/5/20	Sunny	0.4	0.0	>100	8	1	1.2	<1	<1	
				2013/6/24	Sunny	0.6	0.0	84	38	9	4.0	<1	<1	
22	Furumichigawa River	Before the confluence with Takasegawa River (Miyakojimachi Town furumichishitadaira)	Tamurashi City	2013/5/22	Sunny	0.4	0.0	>100	9	2	2.9	<1	<1	
				2013/6/25	Sunny	0.5	0.0	>100	10	2	2.9	<1	<1	

○River (Fukushima Prefecture, Hamadori Area): Water Quality Monitoring Results

Sampling point				Sampling date	Weather	Full depth (m)	General items					Radioactive material concentrations (Bq/L)		Remarks
No.	Water body	Point	Municipality				Sampling depth (m)	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity	Radioactive cesium		
												Cs-134	Cs-137	
23	Takasegawa River	Keiobashi Bridge	Namiemachi Town	2013/5/20	Sunny	0.3	0.0	>100	7	2	1.1	<1	<1	
				2013/6/24	Sunny	0.3	0.0	>100	7	2	1.0	<1	<1	
24	Maedagawa River	National Route 6, west	Futabamachi Town	2013/5/20	Sunny	0.5	0.0	>100	14	3	2.2	<1	<1	
				2013/6/25	Cloudy	0.7	0.0	75	15	21	6.1	<1	2	
25		Nakahamabashi Bridge	Namiemachi Town	2013/5/20	Sunny	0.5	0.0	90	95	5	3.9	<1	<1	
				2013/6/25	Sunny	0.5	0.0	46	661	9	7.1	<1	1	
26	Kumagawa River	National Route 6, west	Okumamachi Town	2013/5/21	Sunny	0.2	0.0	>100	8	2	0.9	<1	<1	
				2013/6/25	Sunny	0.7	0.0	>100	9	1	0.6	<1	<1	
27		Mikumabashi Bridge		2013/5/21	Sunny	0.2	0.0	>100	10	2	0.9	<1	<1	
				2013/6/25	Sunny	0.8	0.0	>100	12	3	1.5	<1	<1	
28		Nabekurabashi Bridge	Kawauchimura Village	2013/5/31	Sunny	0.2	0.0	87	6	5	3.3	<1	<1	
				2013/6/27	Sunny	0.3	0.0	>100	6	1	1.1	<1	<1	
29	Tomiokagawa River	Sakaigawabashi Bridge		2013/5/31	Sunny	0.5	0.0	78	6	4	3.1	<1	<1	
				2013/6/27	Sunny	0.4	0.0	88	7	<1	3.0	<1	<1	
30		National Route 6, west	Tomiokamachi Town	2013/5/22	Sunny	0.4	0.0	>100	9	2	1.5	<1	<1	
				2013/6/25	Sunny	0.3	0.0	>100	10	2	1.1	<1	<1	
31		Kobamabashi Bridge		2013/5/22	Sunny	0.2	0.0	>100	11	<1	1.5	<1	<1	
				2013/6/25	Sunny	0.3	0.0	>100	12	2	1.1	<1	<1	
32	Idegawa River	Motogamabashi Bridge	Narahamachi Town	2013/5/31	Sunny	0.3	0.0	>100	8	2	1.1	<1	<1	
				2013/6/25	Sunny	0.3	0.0	>100	9	<1	0.4	<1	<1	
33	Kawauchigawa River	Before the confluence with Kidogawa River (Futamatabashi Bridge)	Kawauchimura Village	2013/5/31	Sunny	0.2	0.0	>100	4	1	0.7	<1	<1	
				2013/6/27	Sunny	0.3	0.0	>100	6	<1	0.6	<1	<1	
34		Nishiyamabashi Bridge		2013/5/31	Sunny	1.0	0.0	34	5	10	4.5	<1	<1	
				2013/6/27	Sunny	1.2	0.0	92	5	3	2.7	<1	<1	
35	Kidogawa River	Nagatorobashi Bridge	Narahamachi Town	2013/5/31	Sunny	0.4	0.0	74	5	5	3.5	<1	<1	
				2013/6/25	Sunny	0.2	0.0	>100	6	1	1.2	<1	<1	
36		Kidokawabashi Bridge		2013/5/31	Sunny	0.4	0.0	86	6	4	3.6	<1	<1	
				2013/6/25	Sunny	0.5	0.0	>100	6	2	1.1	<1	<1	
37	Asamigawa River	Bodabashi Bridge	Hironomachi Town	2013/6/3	Sunny	0.5	0.0	>100	10	2	1.7	<1	<1	
38	Ohisagawa River	Kageisobashi Bridge	Iwakishi City	2013/6/3	Sunny	0.3	0.0	61	59	13	7.1	<1	<1	
39	Kohisagawa River	Rengobashi Bridge		2013/6/3	Sunny	0.4	0.0	53	49	4	2.9	<1	<1	
40	Niidagawa River	Kasumidabashi Bridge		2013/6/2	Sunny	0.5	0.0	37	23	18	10.0	<1	<1	
41		Matsubabashi Bridge	2013/6/6	Sunny	1.0	0.0	33	980	4	3.3	<1	<1		
42		Kitanouchibashi Bridge	Onomachi Town	2013/6/5	Sunny	0.5	0.0	93	16	3	3.3	<1	<1	
43	Natsuigawa River	Kyudayubashi Bridge	Iwakishi City	2013/6/5	Sunny	0.5	0.0	>100	15	1	1.8	<1	<1	
44		Rokujumabashi Bridge		2013/6/1	Sunny	0.6	0.0	48	17	13	5.0	<1	<1	
45	Yoshimagawa River	Iwaanatsuribashi Bridge		2013/6/2	Cloudy	0.3	0.0	>100	11	2	1.9	<1	<1	
46		Before the confluence with Natsuigawa River		2013/6/2	Sunny	0.3	0.0	>100	22	6	3.6	<1	<1	
47	Fujiwaragawa River	Shimabashi Bridge		2013/5/30	Cloudy	0.4	0.0	36	14	11	7.2	<1	<1	
48		Minatoohashi Bridge		2013/6/1	Sunny	2.9	0.0	48	2,290	9	5.6	<1	<1	
49	Samegawa River	Idosawabashi Bridge		2013/5/30	Cloudy	1.4	0.0	>100	15	2	2.6	<1	<1	
50		Samegawabashi Bridge		2013/5/30	Cloudy	0.7	0.0	79	330	5	4.6	<1	<1	
51	Shitokigawa River	Komurobashi Bridge		2013/5/31	Sunny	0.4	0.0	66	6	4	2.9	<1	<1	
52	Bindagawa River	Kobanabashi Bridge		2013/5/31	Sunny	0.3	0.0	32	18	15	9.8	<1	<1	
53		Bindabashi Bridge	2013/5/31	Sunny	2.2	0.0	25	71	12	9.5	<1	<1		

* Sampling points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

○River (Fukushima Prefecture, Hamadori Area): Sediment Monitoring Results

Sampling point				Sampling date	Weather	Full depth (m)	General items			Radioactive material concentrations (Bq/kg (dried mud))			Remarks
No.	Water body	Point	Municipality				Mud sampling depth (cm)	Mud content %	Property	Radioactive cesium			
										Cs-134	Cs-137	Total	
1	Jizogawa River	Hamahatabashi Bridge	Shinchimachi Town	2013/5/14	Sunny	1.8	10	62	Silt/sand	200	420	620	
				2013/6/24	Sunny	4.0	4	70	Sand/silt	33	62	95	
2	Koizumigawa River	Koizumibashi Bridge	Somashi City	2013/5/15	Cloudy	1.0	5	71	Sand/silt	75	160	235	
				2013/6/24	Sunny	0.5	5	78	Sand/silt	170	370	540	
3	Udagawa River	Hyakkenbashi Bridge	Somashi City	2013/5/14	Sunny	0.3	10	67	Silt/sand	510	980	1,490	
				2013/6/21	Cloudy	0.3	10	69	Silt	380	820	1,200	
4	Udagawa River	Horisakabashi Bridge	Somashi City	2013/5/15	Sunny	0.6	5	83	Gravel/sand	180	370	550	
				2013/6/24	Sunny	0.3	4	86	Gravel/sand	120	250	370	
5	Udagawa River	Hyakkenbashi Bridge	Somashi City	2013/5/14	Sunny	0.7	10	77	Sand	35	65	100	
				2013/6/21	Cloudy	0.7	10	79	Sand	25	45	70	
6	Manogawa River	Ochiaibashi Bridge	Minamisomashi City	2013/5/13	Cloudy	1.0	10	83	Sand/gravel	74	150	224	
				2013/6/24	Sunny	0.6	10	81	Sand	120	260	380	
7	Manogawa River	Majimabashi Bridge	Minamisomashi City	2013/5/13	Cloudy	2.7	10	32	Silt/sand	2,100	4,300	6,400	
				2013/6/24	Sunny	0.7	10	85	Sand	51	110	161	
8	Niidagawa River	Kusano	Iitatemura Village	2013/5/15	Sunny	0.7	5	94	Gravel/sand	200	430	630	
				2013/6/26	Cloudy	0.4	10	85	Sand/silt	570	1,300	1,870	
9	Niidagawa River	Komiya	Iitatemura Village	2013/5/15	Sunny	0.5	5	80	Sand	1,100	2,300	3,400	
				2013/6/26	Cloudy	0.4	10	84	Gravel/sand	430	940	1,370	
10	Niidagawa River	Kidouchibashi Bridge	Minamisomashi City	2013/5/14	Sunny	1.5	10	78	Sand	1,200	2,300	3,500	
				2013/6/24	Sunny	0.8	10	80	Sand	800	1,700	2,500	
11	Niidagawa River	Sakekawabashi Bridge	Minamisomashi City	2013/5/13	Cloudy	1.0	10	63	Sand/silt	1,600	3,300	4,900	
				2013/6/24	Sunny	0.7	10	59	Sand/silt	1,600	3,100	4,700	
12	Otagawa River	Ishiwatadobashi Bridge	Minamisomashi City	2013/5/14	Sunny	0.9	5	80	Gravel/silt	3,100	6,400	9,500	
				2013/6/25	Sunny	0.5	5	81	Sand	4,300	9,100	13,400	
13	Otagawa River	Kaminouchihashi Bridge	Minamisomashi City	2013/5/14	Sunny	0.8	5	80	Sand	3,600	7,300	10,900	
				2013/6/25	Sunny	0.3	5	82	Sand	2,600	5,800	8,400	
14	Otagawa River	Masudabashi Bridge	Minamisomashi City	2013/5/14	Sunny	0.1	5	85	Gravel/sand	690	1,400	2,090	
				2013/6/25	Sunny	0.3	10	86	Sand/silt	820	1,700	2,520	
15	Otagawa River	JR Tetsudobashi Bridge	Minamisomashi City	2013/5/14	Sunny	0.3	5	84	Gravel	210	420	630	
				2013/6/25	Sunny	0.3	10	78	Sand	460	1,000	1,460	
16	Otagawa River	Maruyamabashi Bridge	Minamisomashi City	2013/5/14	Cloudy	0.6	5	79	Sand	19	34	53	
				2013/6/25	Sunny	0.3	10	80	Sand	21	39	60	
17	Odakagawa River	Shimokawarabashi Bridge	Minamisomashi City	2013/5/13	Cloudy	0.2	4	82	Gravel/sand	400	870	1,270	
				2013/6/26	Cloudy	0.4	5	84	Sand	270	620	890	
18	Odakagawa River	Zenchobashi Bridge	Minamisomashi City	2013/5/13	Cloudy	0.4	5	84	Gravel/sand	97	210	307	
				2013/6/25	Sunny	0.3	10	82	Sand/gravel	140	320	460	
19	Odakagawa River	Hatsukarabashi Bridge	Minamisomashi City	2013/5/13	Cloudy	1.0	6	78	Sand	13	35	48	
				2013/6/25	Sunny	0.7	5	81	Sand	<10	19	19	
20	Ukedogawa River	Muroharabashi Bridge	Namiemachi Town	2013/5/20	Sunny	0.6	4	80	Sand	5,100	10,000	15,100	
				2013/6/25	Cloudy	0.2	10	78	Sand	4,800	10,000	14,800	
21	Ukedogawa River	Ukedobashi Bridge	Namiemachi Town	2013/5/20	Sunny	0.4	5	79	Sand	3,500	7,200	10,700	
				2013/6/24	Sunny	0.6	10	45	Silt/sand	11,000	22,000	33,000	
22	Furumichigawa River	Before the confluence with Takasegawa River (Miyakojimachi Town furumichishitadaira)	Tamurashi City	2013/5/22	Sunny	0.4	5	76	Sand	71	160	231	
				2013/6/25	Sunny	0.5	10	79	Sand	70	150	220	
23	Takasegawa River	Keiobashi Bridge	Namiemachi Town	2013/5/20	Sunny	0.3	5	91	Gravel	260	510	770	
				2013/6/24	Sunny	0.3	10	86	Sand/gravel	270	590	860	

○River (Fukushima Prefecture, Hamadori Area): Sediment Monitoring Results

Sampling point				Sampling date	Weather	Full depth (m)	General items			Radioactive material concentrations (Bq/kg (dried mud))			Remarks
No.	Water body	Point	Municipality				Mud sampling depth (cm)	Mud content %	Property	Radioactive cesium			
										Cs-134	Cs-137	Total	
24	Maedagawa River	National Route 6, west	Futabamachi Town	2013/5/20	Sunny	0.5	5	75	Sand	800	1,700	2,500	
				2013/6/25	Cloudy	0.7	10	79	Sand	810	1,700	2,510	
25		Nakahamabashi Bridge	Namiemachi Town	2013/5/20	Sunny	0.5	5	74	Sand	3,200	6,700	9,900	
				2013/6/25	Sunny	0.5	10	82	Sand	640	1,400	2,040	
26	Kumagawa River	National Route 6, west	Okumamachi Town	2013/5/21	Sunny	0.2	5	89	Sand	340	730	1,070	
				2013/6/25	Sunny	0.7	10	78	Sand	840	1,800	2,640	
27		Mikumabashi Bridge		2013/5/21	Sunny	0.2	5	79	Gravel	950	1,900	2,850	
				2013/6/25	Sunny	0.8	10	80	Sand	1,700	3,600	5,300	
28		Nabekurabashi Bridge	Kawauchimura Village	2013/5/31	Sunny	0.2	5	78	Sand/gravel	110	240	350	
				2013/6/27	Sunny	0.3	4	80	Sand	75	160	235	
29	Tomiokagawa River	Sakaigawabashi Bridge		2013/5/31	Sunny	0.5	5	87	Sand/gravel	170	380	550	
				2013/6/27	Sunny	0.4	5	78	Gravel/sand	230	460	690	
30		National Route 6, west	Tomiokamachi Town	2013/5/22	Sunny	0.4	5	82	Gravel/sand	580	1,200	1,780	
				2013/6/25	Sunny	0.3	4	77	Sand	780	1,800	2,580	
31		Kobamabashi Bridge		2013/5/22	Sunny	0.2	5	82	Sand/gravel	670	1,300	1,970	
				2013/6/25	Sunny	0.3	4	81	Gravel/sand	760	1,700	2,460	
32	Idegawa River	Motogamabashi Bridge	Narahamachi Town	2013/5/31	Sunny	0.3	5	87	Gravel	110	200	310	
				2013/6/25	Sunny	0.3	3	80	Gravel/sand	120	250	370	
33	Kawauchigawa River	Before the confluence with Kidogawa River (Futamatubashi Bridge)	Kawauchimura Village	2013/5/31	Sunny	0.2	5	81	Sand/gravel	57	120	177	
				2013/6/27	Sunny	0.3	5	78	Gravel/sand	64	160	224	
34		Nishiyamabashi Bridge		2013/5/31	Sunny	1.0	5	79	Sand/gravel	<10	16	16	
				2013/6/27	Sunny	1.2	4	82	Gravel/sand	13	25	38	
35	Kidogawa River	Nagatorobashi Bridge	Narahamachi Town	2013/5/31	Sunny	0.4	5	77	Sand	89	170	259	
				2013/6/25	Sunny	0.2	4	79	Gravel/sand	130	260	390	
36		Kidokawabashi Bridge		2013/5/31	Sunny	0.4	5	71	Sand	370	730	1,100	
				2013/6/25	Sunny	0.5	5	77	Sand	68	150	218	
37	Asamigawa River	Bodabashi Bridge	Hironomachi Town	2013/6/3	Sunny	0.5	2	89	Gravel/sand	31	62	93	
38	Ohisagawa River	Kageisobashi Bridge	Iwakishi City	2013/6/3	Sunny	0.3	10	82	Sand/gravel	190	420	610	
39	Kohisagawa River	Rengobashi Bridge		2013/6/3	Sunny	0.4	5	73	Gravel/sand	120	260	380	
40	Niidagawa River	Kasumidabashi Bridge		2013/6/2	Sunny	0.5	10	89	Sand/gravel	<10	14	14	
41		Matsubabashi Bridge		2013/6/6	Sunny	1.0	10	85	Gravel/silt	65	130	195	
42		Kitanouchibashi Bridge	Onomachi Town	2013/6/5	Sunny	0.5	10	79	Sand/gravel	11	20	31	
43	Natsugawa River	Kyudayubashi Bridge	Iwakishi City	2013/6/5	Sunny	0.5	10	83	Sand	13	29	42	
44		Rokujumabashi Bridge		2013/6/1	Sunny	0.6	10	76	Sand	32	67	99	
45	Yoshimaga River	Iwaanatsuribashi Bridge		2013/6/2	Cloudy	0.3	2	84	Gravel/sand	25	54	79	
46		Before the confluence with Natsugawa River		2013/6/2	Sunny	0.3	5	75	Sand	47	110	157	
47	Fujiwaragawa River	Shimabashi Bridge	Iwakishi City	2013/5/30	Cloudy	0.4	10	81	Sand/gravel	12	26	38	
48		Minatoohashi Bridge		2013/6/1	Sunny	2.9	10	54	Silt	290	500	790	
49	Samegawa River	Idosawabashi Bridge		2013/5/30	Cloudy	0.9	5	81	Sand/gravel	18	50	68	
50		Samegawabashi Bridge		2013/5/30	Cloudy	0.7	10	82	Sand/gravel	20	44	64	
51	Shitokigawa River	Komurobashi Bridge		2013/5/31	Sunny	0.4	10	81	Sand/gravel	11	29	40	
52	Bindagawa River	Kobanabashi Bridge		2013/5/31	Sunny	0.3	10	83	Gravel/sand	41	93	134	
53		Bindabashi Bridge		2013/5/31	Sunny	2.2	10	64	Silt/sand	390	790	1,180	

* Sampling points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

○River (Fukushima Prefecture, Hamadori Area): Surrounding Environment Monitoring Results

Sampling point				Sampling date	Weather	Left bank				Right bank				Remarks		
No.	Water body	Point	Municipality			Property	Radioactive material concentrations (Bq/kg (dry))			Air dose (μ Sv/h)	Property	Radioactive material concentrations (Bq/kg (dry))			Air dose (μ Sv/h)	
							Radioactive cesium					Radioactive cesium				
							Cs-134	Cs-137	Total			Cs-134	Cs-137			Total
1	Jizogawa River	Hamahatabashi Bridge	Shinchimachi Town	2013/5/14	Sunny	Sandy	540	1,100	1,640	0.22	Sandy	360	750	1,110	0.15	
				2013/6/24	Sunny	Sandy	490	1,000	1,490	0.17	Loamy	650	1,300	1,950	0.14	
2	Koizumigawa River	Koizumibashi Bridge	Somashi City	2013/5/15	Cloudy	Loamy	840	1,700	2,540	0.21	Loamy	550	1,100	1,650	0.23	
				2013/6/24	Sunny	Loamy	860	1,700	2,560	0.21	Loamy	740	1,500	2,240	0.23	
3	Koizumigawa River	Hyakkenbashi Bridge	Somashi City	2013/5/14	Sunny	Loamy	1,600	3,200	4,800	0.25	Loamy	590	1,200	1,790	0.22	
				2013/6/21	Cloudy	Loamy	690	1,500	2,190	0.23	Loamy	1,100	2,400	3,500	0.24	
4	Udagawa River	Horisakabashi Bridge	Somashi City	2013/5/15	Sunny	Loamy	1,000	2,100	3,100	0.21	Loamy	440	910	1,350	0.25	
				2013/6/24	Sunny	Loamy	670	1,400	2,070	0.24	Sandy	560	1,100	1,660	0.28	
5	Udagawa River	Hyakkenbashi Bridge	Somashi City	2013/5/14	Sunny	Loamy	690	1,500	2,190	0.27	Loamy	370	770	1,140	0.22	
				2013/6/21	Cloudy	Loamy	570	1,200	1,770	0.26	Loamy	630	1,400	2,030	0.23	
6	Manogawa River	Ochiaibashi Bridge	Minamisomashi City	2013/5/13	Cloudy	Sandy	370	760	1,130	0.41	Sandy	1,700	3,300	5,000	0.68	
				2013/6/24	Sunny	Loamy	270	550	820	0.38	Loamy	590	1,300	1,890	0.41	
7	Manogawa River	Majimabashi Bridge	Minamisomashi City	2013/5/13	Cloudy	Sandy	210	420	630	0.21	Sandy	630	1,300	1,930	0.23	
				2013/6/24	Sunny	Loamy	530	1,100	1,630	0.38	Loamy	520	1,100	1,620	0.21	
8	Niidagawa River	Kusano	Iitatemura Village	2013/5/15	Sunny	Loamy	5,000	10,000	15,000	2.07	Loamy	4,700	9,400	14,100	2.50	
				2013/6/26	Cloudy	Loamy	3,700	7,800	11,500	1.66	Loamy	3,200	6,800	10,000	2.49	
9	Niidagawa River	Komiya	Iitatemura Village	2013/5/15	Sunny	Loamy	4,500	9,200	13,700	3.12	Loamy	3,100	6,400	9,500	3.27	
				2013/6/26	Cloudy	Loamy	2,500	5,000	7,500	2.98	Loamy	6,000	12,000	18,000	2.96	
10	Niidagawa River	Kidouchibashi Bridge	Iitatemura Village	2013/5/14	Sunny	Loamy	1,800	3,600	5,400	0.74	Loamy	2,600	5,300	7,900	0.94	
				2013/6/24	Sunny	Loamy	830	1,800	2,630	0.81	Loamy	4,800	10,000	14,800	1.23	
11	Niidagawa River	Sakekawabashi Bridge	Iitatemura Village	2013/5/13	Cloudy	Sandy	28	61	89	0.14	Sandy	3,000	6,000	9,000	0.56	
				2013/6/24	Sunny	Loamy	13	28	41	0.14	Loamy	430	890	1,320	0.39	
12	Otagawa River	Ishiwatadobashi Bridge	Minamisomashi City	2013/5/14	Sunny	Sandy	6,600	13,000	19,600	1.32	Loamy	2,600	5,400	8,000	1.24	
				2013/6/25	Sunny	Loamy	3,200	6,800	10,000	1.34	Loamy	800	1,700	2,500	1.23	
13	Otagawa River	Kaminouchihashi Bridge	Minamisomashi City	2013/5/14	Sunny	Loamy	920	1,800	2,720	0.72	Loamy	860	1,700	2,560	0.58	
				2013/6/25	Sunny	Loamy	1,300	2,700	4,000	0.68	Loamy	590	1,200	1,790	0.58	
14	Otagawa River	Masudabashi Bridge	Minamisomashi City	2013/5/14	Sunny	Sandy	320	700	1,020	0.29	Loamy	480	1,000	1,480	0.38	
				2013/6/25	Sunny	Loamy	500	1,000	1,500	0.40	Loamy	840	1,700	2,540	0.30	
15	Otagawa River	JR Tetsudobashi Bridge	Minamisomashi City	2013/5/14	Sunny	Loamy	260	500	760	0.36	Loamy	400	790	1,190	0.29	
				2013/6/25	Sunny	Sandy	630	1,300	1,930	0.34	Sandy	170	370	540	0.33	
16	Otagawa River	Maruyamabashi Bridge	Minamisomashi City	2013/5/14	Cloudy	Sandy	280	540	820	0.14	Sandy	16	41	57	0.09	
				2013/6/25	Sunny	Sandy	140	300	440	0.16	Loamy	27	51	78	0.09	
17	Otagawa River	Shimokawarabashi Bridge	Minamisomashi City	2013/5/13	Cloudy	Sandy	5,700	12,000	17,700	1.70	Loamy	1,300	2,600	3,900	0.76	
				2013/6/26	Cloudy	Loamy	6,800	14,000	20,800	1.23	Loamy	1,800	3,800	5,600	0.68	
18	Odakagawa River	Zenchobashi Bridge	Minamisomashi City	2013/5/13	Cloudy	Loamy	480	990	1,470	0.41	Loamy	570	1,100	1,670	0.46	
				2013/6/25	Sunny	Loamy	410	880	1,290	0.38	Loamy	570	1,200	1,770	0.41	
19	Odakagawa River	Hatsukarabashi Bridge	Minamisomashi City	2013/5/13	Cloudy	Sandy	12	22	34	0.08	Sandy	230	440	670	0.21	
				2013/6/25	Sunny	Sandy	11	36	47	0.08	Sandy	15	20	35	0.11	
20	Ukedogawa River	Muroharabashi Bridge	Namiemachi Town	2013/5/20	Sunny	Loamy	9,400	20,000	29,400	7.11	Loamy	17,000	36,000	53,000	7.05	
				2013/6/25	Cloudy	Sandy	54,000	120,000	174,000	6.67	Loamy	31,000	67,000	98,000	7.35	
21	Ukedogawa River	Ukedobashi Bridge	Namiemachi Town	2013/5/20	Sunny	Sandy	190	390	580	1.17	Sandy	290	580	870	0.62	
				2013/6/24	Sunny	Loamy	600	1,300	1,900	0.76	Loamy	340	760	1,100	0.56	
22	Furumichigawa River	Before the confluence with Takasegawa River (Miyakojimachi Town)	Tamurashi City	2013/5/22	Sunny	Sandy	2,300	4,700	7,000	0.43	Sandy	950	2,000	2,950	0.47	
				2013/6/25	Sunny	Clay-loamy	21	36	57	0.28	Loamy	360	770	1,130	0.27	
23	Takasegawa River	Keiobashi Bridge	Namiemachi Town	2013/5/20	Sunny	Loamy	910	1,900	2,810	1.15	Loamy	580	1,100	1,680	0.81	
				2013/6/24	Sunny	Loamy	820	1,600	2,420	0.81	Loamy	570	1,200	1,770	0.81	

○River (Fukushima Prefecture, Hamadori Area): Surrounding Environment Monitoring Results

Sampling point				Sampling date	Weather	Left bank				Right bank				Remarks		
No.	Water body	Point	Municipality			Property	Radioactive material concentrations (Bq/kg (dry))			Air dose (μ Sv/h)	Property	Radioactive material concentrations (Bq/kg (dry))			Air dose (μ Sv/h)	
							Cs-134	Cs-137	Total			Cs-134	Cs-137			Total
24	Maedagawa River	National Route 6, west	Futabamachi Town	2013/5/20	Sunny	Loamy	21,000	47,000	68,000	6.98	Loamy	17,000	37,000	54,000	7.08	
				2013/6/25	Cloudy	Loamy	6,800	16,000	22,800	2.72	Loamy	26,000	60,000	86,000	8.00	
25		Nakahamabashi Bridge	Namiemachi Town	2013/5/20	Sunny	Sandy	9,300	19,000	28,300	3.74	Loamy	600	1,300	1,900	7.08	
				2013/6/25	Sunny	Sandy	2,700	5,600	8,300	0.66	Sandy	770	1,700	2,470	0.64	
26	Kumagawa River	National Route 6, west	Okumamachi Town	2013/5/21	Sunny	Loamy	11,000	23,000	34,000	2.93	Loamy	8,800	18,000	26,800	3.96	
				2013/6/25	Sunny	Loamy	13,000	26,000	39,000	3.11	Loamy	27,000	57,000	84,000	5.33	
27		Mikumabashi Bridge		2013/5/21	Sunny	Loamy	16,000	33,000	49,000	9.50	Sandy	27,000	55,000	82,000	8.14	
				2013/6/25	Sunny	Loamy	4,000	8,300	12,300	9.77	Loamy	47,000	99,000	146,000	10.22	
28		Nabekurabashi Bridge	Kawauchimura Village	2013/5/31	Sunny	Loamy	1,100	2,300	3,400	0.47	Loamy	1,300	2,600	3,900	0.56	
				2013/6/27	Sunny	Loamy	820	1,700	2,520	0.43	Loamy	650	1,300	1,950	0.53	
29	Tomiokagawa River	Sakaigawabashi Bridge		2013/5/31	Sunny	Loamy	18,000	37,000	55,000	4.62	Loamy	16,000	32,000	48,000	4.70	
				2013/6/27	Sunny	Loamy	6,400	13,000	19,400	3.43	Loamy	4,000	8,100	12,100	3.63	
30		National Route 6, west	Tomiokamachi Town	2013/5/22	Sunny	Loamy	11,000	22,000	33,000	4.12	Sandy	6,800	14,000	20,800	3.31	
				2013/6/25	Sunny	Loamy	9,100	19,000	28,100	3.70	Sandy	8,900	19,000	27,900	2.97	
31		Kobamabashi Bridge		2013/5/22	Sunny	Loamy	2,800	5,700	8,500	1.77	Sandy	1,000	2,200	3,200	1.11	
				2013/6/25	Sunny	Loamy	5,800	12,000	17,800	0.70	Sandy	2,100	4,500	6,600	1.04	
32	Idegawa River	Motogamabashi Bridge	Narahamachi Town	2013/5/31	Sunny	Sandy	1,600	3,200	4,800	0.86	Loamy	2,100	4,300	6,400	0.74	
				2013/6/25	Sunny	Sandy	560	1,100	1,660	0.99	Loamy	1,800	3,800	5,600	0.63	
33	Kawauchigawa River	Before the confluence with Kidogawa River (Futamatubashi Bridge)	Kawauchimura Village	2013/5/31	Sunny	Loamy	830	1,700	2,530	0.62	Loamy	440	920	1,360	0.42	
				2013/6/27	Sunny	Loamy	510	1,000	1,510	0.53	Loamy	870	1,900	2,770	0.39	
34		Nishiyamabashi Bridge		2013/5/31	Sunny	Loamy	450	920	1,370	0.35	Loamy	880	1,800	2,680	0.40	
				2013/6/27	Sunny	Loamy	320	630	950	0.28	Loamy	920	1,900	2,820	0.33	
35	Kidogawa River	Nagatorobashi Bridge	Narahamachi Town	2013/5/31	Sunny	Loamy	1,800	3,700	5,500	0.57	Loamy	1,200	2,600	3,800	0.35	
				2013/6/25	Sunny	Loamy	1,900	4,000	5,900	0.58	Loamy	1,100	2,400	3,500	0.38	
36		Kidokawabashi Bridge		2013/5/31	Sunny	Loamy	790	1,500	2,290	0.47	Loamy	770	1,600	2,370	0.45	
				2013/6/25	Sunny	Loamy	1,200	2,500	3,700	0.48	Loamy	1,100	2,300	3,400	0.46	
37	Asamigawa River	Bodabashi Bridge	Hironomachi Town	2013/6/3	Sunny	Sandy	1,200	2,400	3,600	0.32	Sandy	940	1,900	2,840	0.44	
38	Ohisagawa River	Kageisobashi Bridge	Iwakishi City	2013/6/3	Sunny	-	-	-	-	0.25	Sandy	420	880	1,300	0.20	Soil not exposed
39	Kohisagawa River	Rengobashi Bridge		2013/6/3	Sunny	Sandy	1,100	2,300	3,400	0.31	Sandy	740	1,500	2,240	0.34	
40	Niidagawa River	Kasumidabashi Bridge		2013/6/2	Sunny	Sandy	700	1,500	2,200	0.17	Sandy	870	1,800	2,670	0.17	
41		Matsubabashi Bridge		2013/6/6	Sunny	Sandy	210	450	660	0.17	Sandy	440	910	1,350	0.28	
42		Kitanouchibashi Bridge	Onomachi Town	2013/6/5	Sunny	Sandy	250	460	710	0.14	Sandy	160	350	510	0.19	
43	Natsugawa River	Kyudayubashi Bridge		2013/6/5	Sunny	Sandy	150	310	460	0.19	Sandy	280	570	850	0.18	
				2013/6/1	Sunny	Sandy	380	720	1,100	0.24	Sandy	1,200	2,400	3,600	0.30	
45	Yoshimaga River	Iwaanatsuribashi Bridge		2013/6/2	Cloudy	Sandy	640	1,200	1,840	0.19	Sandy	340	710	1,050	0.15	
				2013/6/2	Sunny	Sandy	130	290	420	0.14	Sandy	330	710	1,040	0.16	
47	Fujiwaragawa River	Shimabashi Bridge		2013/5/30	Cloudy	Loamy	370	760	1,130	0.15	Loamy	250	500	750	0.14	
				2013/6/1	Sunny	Sandy	290	530	820	0.11	Sandy	480	920	1,400	0.20	
49	Samegawa River	Idosawabashi Bridge		2013/5/30	Cloudy	Sandy	1,800	3,500	5,300	0.22	-	-	-	-	0.15	Soil not exposed
				2013/5/30	Cloudy	Sandy	220	450	670	0.11	Sandy	97	220	317	0.11	
51	Shitokigawa River	Komurobashi Bridge		2013/5/31	Sunny	Sandy	460	910	1,370	0.15	Sandy	46	100	146	0.13	
52	Bindagawa River	Kobanabashi Bridge		2013/5/31	Sunny	Sandy	110	220	330	0.13	Sandy	290	630	920	0.14	
				2013/5/31	Sunny	Sandy	130	250	380	0.10	Sandy	550	1,100	1,650	0.17	

• Samples for surrounding environment (soil) were generally collected from 5 points in 3m square in the river terrace, etc., and mixed. Depending on the site situation, factors, such as the area of sampling may be much smaller, may cause figures to vary significantly.

• Air dose was measured with a survey meter, TCS-172B of Hitachi-Aloka Medical, Ltd.

• Sampling points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

○River (Fukushima Prefecture, Nakadori Area): Water Quality Monitoring Results

Sampling point				Sampling date	Weather	Full depth (m)	General items					Radioactive material concentrations (Bq/L)		Remarks
No.	Water body	Point	Municipality				Sampling depth (m)	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity	Radioactive cesium		
												Cs-134	Cs-137	
54	Abukumagawa River	Habutobashi Bridge	Nishigomura Village	2013/5/9	Sunny	0.4	0.0	40	10	12	14.0	<1	<1	
				2013/6/19	Cloudy	0.4	0.0	>100	11	3	2.2	<1	<1	
55	Abukumagawa River	Tamachiobashi Bridge	Shirakawashi City	2013/4/26	Light rain	0.5	0.0	85	11	7	4.0	<1	<1	
				2013/6/19	Cloudy	0.3	0.0	48	12	9	3.7	<1	<1	
				2013/6/25	Sunny	0.3	0.0	94	14	3	2.5	<1	<1	
56	Yantagawa River	Before the confluence with Abukumagawa River		2013/5/9	Sunny	1.0	0.0	>100	38	2	2.9	<1	<1	
				2013/6/19	Cloudy	2.1	0.0	47	22	8	6.3	<1	<1	
57	Yashirogawa River	Yashirogawabashi Bridge	Tanaguramachi Town	2013/5/9	Sunny	0.2	0.0	78	17	4	9.1	<1	<1	
				2013/6/18	Cloudy	0.5	0.0	82	17	5	3.8	<1	<1	
58	Kitasugawa River	Yanagibashi Bridge	Hiratamura Village	2013/5/8	Sunny	0.4	0.0	>100	16	2	1.3	<1	<1	
				2013/6/18	Cloudy	0.4	0.0	>100	14	4	3.0	<1	<1	
59	Imadegawa River	Nekonakibashi Bridge	Ishikawamachi Town	2013/5/9	Sunny	0.4	0.0	>100	14	3	2.8	<1	<1	
				2013/6/18	Cloudy	0.7	0.0	60	14	9	6.2	<1	<1	
60	Yashirogawa River	Ojibashi Bridge		2013/5/9	Sunny	0.8	0.0	52	22	8	7.2	<1	<1	
				2013/6/19	Cloudy	1.0	0.0	29	16	17	7.6	<1	<1	
61	Abukumagawa River	Kawanomebashi Bridge	Tamakawamura Village	2013/4/26	Cloudy	0.3	0.0	42	14	13	11.6	<1	<1	
				2013/6/19	Cloudy	0.5	0.0	45	15	10	5.7	<1	<1	
				2013/6/25	Cloudy	0.3	0.0	80	17	5	4.3	<1	<1	
62		Emochibashi Bridge		2013/5/8	Sunny	0.6	0.0	82	19	6	5.5	<1	<1	
				2013/6/19	Cloudy	0.7	0.0	43	16	18	6.7	<1	<1	
63	Shakadogawa River	Sukagawashi City water intake point	Sukagawashi City	2013/5/8	Sunny	0.3	0.0	30	17	15	22.0	<1	<1	
				2013/6/19	Cloudy	0.6	0.0	36	17	20	9.0	<1	<1	
64		Before the confluence with Abukumagawa River		2013/4/26	Cloudy	0.4	0.0	51	16	11	11.6	<1	<1	
				2013/6/19	Cloudy	0.5	0.0	35	15	28	13.0	<1	<1	
				2013/6/25	Cloudy	0.3	0.0	76	18	4	4.0	<1	<1	
65	Sasaharagawa River	Shinbashi Bridge	Koriyamashi City	2013/5/1	Cloudy	0.5	0.0	58	17	6	9.7	<1	<1	
				2013/6/19	Cloudy	1.0	0.0	20	16	58	16.0	<1	<1	
66	Yatagawa River	Yatagawabashi Bridge		2013/5/1	Sunny	0.3	0.0	>100	21	2	5.3	<1	<1	
				2013/6/19	Cloudy	0.4	0.0	31	21	15	7.6	<1	<1	
67	Otakingegawa River	Funehikibashi Bridge	Tamurashi City	2013/5/8	Sunny	0.2	0.0	>100	17	6	4.8	<1	<1	
				2013/6/20	Cloudy	0.3	0.0	68	15	5	4.6	<1	<1	
68		Before the confluence with Abukumagawa River		2013/5/1	Sunny	0.3	0.0	72	17	2	5.4	<1	<1	
				2013/6/19	Cloudy	1.2	0.0	33	19	12	8.2	<1	<1	
69		Before the confluence with Babagawa River		2013/5/1	Sunny	0.2	0.0	92	19	2	4.6	<1	<1	
				2013/6/20	Cloudy	0.3	0.0	98	24	6	3.5	<1	<1	
70	Ousegawa River	Makunouchibashi Bridge	Koriyamashi City	2013/5/1	Sunny	0.6	0.0	71	19	3	6.6	<1	<1	
				2013/6/20	Cloudy	1.3	0.0	60	18	9	6.1	<1	<1	
				2013/4/30	Cloudy	0.3	0.0	53	18	4	11.8	<1	<1	
71	Abukumagawa River	Before the confluence with Abukumagawa River		2013/6/18	Cloudy	0.5	0.0	42	24	11	5.1	<1	<1	
				2013/6/24	Cloudy	0.5	0.0	94	24	8	3.7	<1	<1	
				2013/4/30	Cloudy	0.3	0.0	57	24	4	9.2	<1	<1	
72	Abukumagawa River	Akutsubashi Bridge		2013/6/18	Cloudy	0.5	0.0	38	25	13	5.3	<1	<1	
				2013/6/24	Cloudy	0.3	0.0	75	22	13	5.2	<1	<1	
				2013/5/8	Sunny	0.4	0.0	60	12	8	9.8	<1	<1	
73		After the confluence with Ishimurogawa River		2013/6/20	Cloudy	0.3	0.0	>100	11	5	2.0	<1	<1	
				2013/5/8	Sunny	0.7	0.0	39	14	10	14.0	<1	<1	
74	Gohyakugawa River	Kamisekishitabashi Bridge		2013/6/20	Cloudy	1.5	0.0	58	13	14	5.6	<1	<1	
				2013/4/25	Sunny	0.4	0.0	>100	14	5	3.5	<1	<1	
75		Before the confluence with Abukumagawa River	Motomiyashi City	2013/6/18	Cloudy	0.4	0.0	52	20	6	4.6	<1	<1	
				2013/6/24	Sunny	0.3	0.0	68	17	11	5.3	<1	<1	
				2013/4/25	Sunny	0.4	0.0	36	17	22	12.4	<1	<1	
76	Abukumagawa River	Takadabashi Bridge	Nihonmatsushi City	2013/6/18	Cloudy	0.3	0.0	33	19	11	5.2	<1	<1	
				2013/6/26	Cloudy	0.5	0.0	9	16	110	56.0	<1	<1	

○River (Fukushima Prefecture, Nakadori Area): Water Quality Monitoring Results

Sampling point				Sampling date	Weather	Full depth (m)	General items					Radioactive material concentrations (Bq/L)		Remarks
No.	Water body	Point	Municipality				Sampling depth (m)	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity	Radioactive cesium		
												Cs-134	Cs-137	
77	Kuchibutogawa River	Kuchibutogawabashi Bridge	Nihonmatsushi City	2013/5/10	Sunny	0.2	0.0	>100	11	2	1.5	<1	<1	
				2013/6/20	Sunny	0.3	0.0	93	11	6	2.5	<1	<1	
78	Utsushigawa River	Osegawabashi Bridge	Nihonmatsushi City	2013/4/25	Sunny	0.6	0.0	34	12	28	13.1	<1	<1	
				2013/6/18	Cloudy	0.3	0.0	40	15	3	3.3	<1	<1	
79	Mizuharagawa River	Getouchibashi Bridge	Nihonmatsushi City	2013/6/26	Cloudy	0.3	0.0	86	16	3	3.5	<1	<1	
				2013/5/10	Sunny	0.3	0.0	67	28	10	10.0	<1	<1	
80	Megamigawa River	Tsurumakibashi Bridge	Nihonmatsushi City	2013/6/21	Cloudy	0.3	0.0	40	16	7	6.1	<1	<1	
				2013/5/10	Sunny	0.2	0.0	>100	33	6	4.5	<1	<1	
81	Abukumagawa River	Horaibashi Bridge	Nihonmatsushi City	2013/6/21	Cloudy	0.2	0.0	85	28	7	3.0	<1	<1	
				2013/4/25	Sunny	0.6	0.0	71	18	10	5.9	<1	<1	
82	Nigorigawa River	Before the confluence with Omorigawa River	Nihonmatsushi City	2013/6/17	Cloudy	0.5	0.0	48	17	14	5.9	<1	<1	
				2013/6/28	Cloudy	1.0	0.0	32	16	14	8.9	<1	<1	
83	Arakawa River	Hinokurabashi Bridge	Nihonmatsushi City	2013/5/13	Sunny	0.3	0.0	67	33	10	7.6	<1	<1	
				2013/6/21	Cloudy	0.5	0.0	48	26	13	7.4	<1	<1	
84	Sukawa River	Sukawabashi Bridge	Fukushimashi City	2013/5/13	Sunny	0.4	0.0	>100	16	2	1.6	<1	<1	
				2013/6/21	Sunny	0.4	0.0	>100	25	1	1.3	<1	<1	
85	Arakawa River	Before the confluence with Abukumagawa River	Fukushimashi City	2013/6/21	Sunny	0.4	0.0	>100	61	<1	0.1	<1	<1	
				2013/4/25	Sunny	0.8	0.0	70	21	11	4.2	<1	<1	
86	Matsukawa River	Before the confluence with Abukumagawa River	Fukushimashi City	2013/6/17	Sunny	0.3	0.0	52	33	13	4.8	<1	<1	
				2013/6/28	Cloudy	0.5	0.0	46	29	13	4.5	<1	<1	
87	Hattandagawa River	Hattandabashi Bridge	Fukushimashi City	2013/4/24	Cloudy	0.6	0.0	>100	13	4	2.2	<1	<1	
				2013/6/17	Sunny	0.3	0.0	>100	19	1	0.4	<1	<1	
88	Surikamigawa River	Before the confluence with Abukumagawa River	Fukushimashi City	2013/6/27	Sunny	0.3	0.0	>100	18	<1	0.4	<1	<1	
				2013/5/13	Sunny	0.4	0.0	81	16	8	5.8	<1	<1	
89	Surikamigawa River	Before the confluence with Abukumagawa River	Fukushimashi City	2013/6/21	Cloudy	0.5	0.0	61	16	7	2.6	<1	<1	
				2013/5/13	Sunny	0.7	0.0	>100	5	4	2.6	<1	<1	
90	Abukumagawa River	Taishobashi Bridge	Dateshi City	2013/6/21	Cloudy	1.0	0.0	>100	17	2	1.7	<1	<1	
				2013/4/25	Sunny	0.6	0.0	>100	7	3	2.3	<1	<1	
91	Hirosegawa River	Tatsunabashi Bridge	Dateshi City	2013/6/17	Cloudy	0.3	0.0	>100	8	3	2.2	<1	<1	
				2013/6/27	Sunny	0.5	0.0	>100	8	2	2.2	<1	<1	
92	Hirosegawa River	Tatenokoshibashi Bridge	Kawamatamachi Town	2013/4/24	Cloudy	0.5	0.0	64	17	7	6.4	<1	<1	
				2013/6/17	Cloudy	0.7	0.0	39	18	12	6.1	<1	<1	
93	Ogunigawa River	Before the confluence with Hirosegawa River	Dateshi City	2013/6/27	Sunny	0.5	0.0	21	16	31	19.0	<1	<1	
				2013/5/10	Sunny	0.3	0.0	70	12	3	8.7	<1	<1	
94	Hirosegawa River	Before the confluence with Abukumagawa River	Dateshi City	2013/6/21	Cloudy	0.4	0.0	71	12	9	3.0	<1	<1	
				2013/5/10	Sunny	0.3	0.0	>100	15	4	4.4	<1	<1	
95	Kurokawa River	Tochigisakai	Shirakawashi City	2013/6/21	Cloudy	0.3	0.0	>100	16	2	1.8	<1	<1	
				2013/4/30	Cloudy	0.4	0.0	90	18	2	4.3	<1	<1	
96	Kujigawa River	Matsuokabashi Bridge	Tanaguramachi Town	2013/6/14	Cloudy	0.3	0.0	14	34	33	24.0	<1	<1	
				2013/6/21	Cloudy	0.3	0.0	42	26	10	6.9	<1	<1	
97	Kujigawa River	Takachiharabashi Bridge	Yamatsurimachi Town	2013/4/24	Cloudy	0.5	0.0	>100	14	5	3.4	<1	<1	
				2013/6/14	Sunny	0.3	0.0	65	23	9	5.0	<1	<1	
98	Kurokawa River	Tochigisakai	Shirakawashi City	2013/6/21	Sunny	0.5	0.0	57	20	7	4.1	<1	<1	
				2013/5/9	Sunny	0.2	0.0	>100	9	3	2.0	<1	<1	
99	Kujigawa River	Matsuokabashi Bridge	Tanaguramachi Town	2013/6/19	Light rain	0.4	0.0	85	10	11	3.4	<1	<1	
				2013/5/9	Sunny	0.3	0.0	50	14	5	5.1	<1	<1	
100	Kujigawa River	Takachiharabashi Bridge	Yamatsurimachi Town	2013/6/18	Cloudy	0.3	0.0	>100	15	3	1.9	<1	<1	
				2013/5/9	Sunny	0.6	0.0	90	11	4	6.5	<1	<1	
101				2013/6/18	Cloudy	0.7	0.0	>100	11	6	3.0	<1	<1	

* Sampling points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

○River (Fukushima Prefecture, Nakadori Area): Sediment Monitoring Results

Sampling point				Sampling date	Weather	Full depth (m)	General items			Radioactive material concentrations (Bq/kg (dried mud))			Remarks
No.	Water body	Point	Municipality				Mud sampling depth (cm)	Mud content %	Property	Radioactive cesium			
										Cs-134	Cs-137	Total	
54	Abukumagawa River	Habutobashi Bridge	Nishigomura Village	2013/5/9	Sunny	0.4	5	81	Sand	17	34	51	
				2013/6/19	Cloudy	0.4	5	77	Sand	46	89	135	
55	Abukumagawa River	Tamachiohashi Bridge	Shirakawashi City	2013/4/26	Light rain	0.5	5	81	Sand	18	59	77	
				2013/6/19	Cloudy	0.3	5	87	Gravel/sand	37	76	113	
				2013/6/25	Sunny	0.3	5	85	Gravel/sand	18	39	57	
56	Yantagawa River	Before the confluence with Abukumagawa River		2013/5/9	Sunny	1.0	3	70	Silt/sand	730	1,500	2,230	
				2013/6/19	Cloudy	2.1	5	67	Sand	530	1,100	1,630	
57	Yashirogawa River	Yashirogawabashi Bridge	Tanaguramachi Town	2013/5/9	Sunny	0.2	4	85	Gravel/sand	60	110	170	
58	Kitasugawa River	Yanagibashi Bridge	Hiratomura Village	2013/6/18	Cloudy	0.5	10	81	Gravel/sand	45	87	132	
				2013/5/8	Sunny	0.4	5	84	Sand	14	23	37	
59	Imadegawa River	Nekonakibashi Bridge	Ishikawamachi Town	2013/5/9	Sunny	0.4	5	76	Sand/silt	39	77	116	
				2013/6/18	Cloudy	0.7	10	63	Silt	88	160	248	
60	Yashirogawa River	Ojibashi Bridge		2013/5/9	Sunny	0.8	5	80	Sand/gravel	24	47	71	
				2013/6/19	Cloudy	1.0	10	85	Sand/gravel	27	53	80	
61	Abukumagawa River	Kawanomebashi Bridge	Tamakawamura Village	2013/4/26	Cloudy	0.3	4	83	Sand with gravel	40	68	108	
				2013/6/19	Cloudy	0.5	3	85	Sand/gravel	20	37	57	
				2013/6/25	Cloudy	0.3	3	86	Gravel/sand	21	42	63	
62	Abukumagawa River	Emochibashi Bridge		2013/5/8	Sunny	0.6	5	83	Sand/gravel	26	42	68	
				2013/6/19	Cloudy	0.7	10	87	Gravel	<10	19	19	
63	Shakadogawa River	Sukagawashi City water intake point	Sukagawashi City	2013/5/8	Sunny	0.3	5	85	Sand/gravel	34	75	109	
				2013/6/19	Cloudy	0.6	10	88	Gravel/sand	55	120	175	
64	Shakadogawa River	Before the confluence with Abukumagawa River		2013/4/26	Cloudy	0.4	5	81	Sand with gravel	92	190	282	
				2013/6/19	Cloudy	0.5	3	89	Gravel/sand	39	68	107	
				2013/6/25	Cloudy	0.3	5	87	Gravel/sand	25	55	80	
65	Sasaharagawa River	Shinbashi Bridge	Koriyamashi City	2013/5/1	Cloudy	0.5	5	80	Gravel/sand	80	160	240	
				2013/6/19	Cloudy	1.0	5	75	Sand	240	490	730	
66	Yatagawa River	Yatagawabashi Bridge		2013/5/1	Sunny	0.3	5	87	Gravel/sand	27	58	85	
				2013/6/19	Cloudy	0.4	8	86	Gravel	17	40	57	
67	Otakinegawa River	Funehikibashi Bridge	Tamarashi City	2013/5/8	Sunny	0.2	5	76	Sand	41	91	132	
				2013/6/20	Cloudy	0.3	5	80	Sand	30	68	98	
68	Abukumagawa River	Before the confluence with Abukumagawa River		2013/5/1	Sunny	0.3	5	74	Sand	63	150	213	
				2013/6/19	Cloudy	1.2	5	86	Gravel/sand	13	36	49	
				2013/5/1	Sunny	0.2	5	83	Gravel/sand	35	71	106	
69	Abukumagawa River	Before the confluence with Babagawa River		2013/6/20	Cloudy	0.3	5	79	Sand	32	64	96	
				2013/5/1	Sunny	0.6	5	80	Sand	150	300	450	
				2013/6/20	Cloudy	1.3	5	83	Sand	220	440	660	
70	Ousegawa River	Makunouchibashi Bridge	Koriyamashi City	2013/4/30	Cloudy	0.3	5	83	Gravel/sand	260	540	800	
				2013/6/18	Cloudy	0.5	7	86	Sand	71	170	241	
				2013/6/24	Cloudy	0.5	5	84	Gravel/sand	120	270	390	
71	Abukumagawa River	Before the confluence with Abukumagawa River		2013/4/30	Cloudy	0.3	5	84	Gravel/sand	70	150	220	
				2013/6/18	Cloudy	0.5	5	83	Sand	67	130	197	
				2013/6/24	Cloudy	0.3	5	86	Gravel/sand	90	190	280	
72	Abukumagawa River	Akutsubashi Bridge		2013/5/8	Sunny	0.4	5	81	Sand/gravel	28	55	83	
				2013/6/20	Cloudy	0.3	5	80	Sand/gravel	24	61	85	
73	Abukumagawa River	After the confluence with Ishimurogawa River		2013/5/8	Sunny	0.7	5	77	Sand/gravel	21	46	67	
				2013/6/20	Cloudy	1.5	5	79	Sand	36	94	130	
74	Gohyakugawa River	Kamisekishitabashi Bridge	Motomiyashi City	2013/4/25	Sunny	0.4	5	81	Sand with gravel	29	59	88	
				2013/6/18	Cloudy	0.4	5	86	Sand	47	110	157	
75	Abukumagawa River	Before the confluence with Abukumagawa River		2013/6/24	Sunny	0.3	5	85	Gravel/sand	110	200	310	
				2013/4/25	Sunny	0.4	5	68	Sand with silt	570	1,000	1,570	
				2013/6/18	Cloudy	0.3	5	85	Silt/sand	170	370	540	
76	Abukumagawa River	Takadabashi Bridge	Nihonmatsushi City	2013/6/26	Cloudy	0.5	5	87	Sand/gravel	85	200	285	

○River (Fukushima Prefecture, Nakadori Area): Sediment Monitoring Results

Sampling point				Sampling date	Weather	Full depth (m)	General items			Radioactive material concentrations (Bq/kg (dried mud))			Remarks
No.	Water body	Point	Municipality				Mud sampling depth (cm)	Mud content %	Property	Radioactive cesium			
										Cs-134	Cs-137	Total	
77	Kuchibutogawa River	Kuchibutogawabashi Bridge		2013/5/10	Sunny	0.2	5	75	Sand	380	830	1,210	
				2013/6/20	Sunny	0.3	5	76	Sand	300	600	900	
78	Utsushigawa River	Osegawabashi Bridge	Nihonmatsushi City	2013/4/25	Sunny	0.6	6	68	Sand with silt	780	1,600	2,380	
				2013/6/18	Cloudy	0.3	5	86	Sand	61	130	191	
				2013/6/26	Cloudy	0.3	5	85	Gravel/sand	49	95	144	
				2013/5/10	Sunny	0.3	5	78	Gravel/sand	310	620	930	
79	Mizuharagawa River	Getouchibashi Bridge		2013/6/21	Cloudy	0.3	5	79	Gravel/sand	140	290	430	
80	Megamigawa River	Tsurumakibashi Bridge		2013/5/10	Sunny	0.2	5	79	Sand	220	460	680	
				2013/6/21	Cloudy	0.2	5	76	Sand/gravel	160	380	540	
81	Abukumagawa River	Horabashi Bridge		2013/4/25	Sunny	0.6	10	77	Sand	110	210	320	
				2013/6/17	Cloudy	0.5	2	79	Sand	75	160	235	
				2013/6/28	Cloudy	0.3	5	76	Sand	80	170	250	
82	Nigorigawa River	Before the confluence with Omorigawa River		2013/5/13	Sunny	0.3	5	77	Sand	210	440	650	
				2013/6/21	Cloudy	0.5	10	73	Sand	330	700	1,030	
83	Arakawa River	Hinokurabashi Bridge		2013/5/13	Sunny	0.4	5	84	Sand/gravel	18	43	61	
				2013/6/21	Sunny	0.4	10	76	Sand	24	53	77	
84	Sukawa River	Sukawabashi Bridge		2013/5/13	Sunny	0.4	5	79	Gravel/sand	30	57	87	
				2013/6/21	Sunny	0.4	10	70	Sand	36	83	119	
85	Arakawa River	Before the confluence with Abukumagawa River	Fukushima City	2013/4/25	Sunny	0.8	3	80	Gravel with sand	110	230	340	
				2013/6/17	Sunny	0.3	2	77	Sand/gravel	160	340	500	
				2013/6/28	Cloudy	0.5	5	85	Sand/gravel	41	94	135	
				2013/4/24	Cloudy	0.6	4	81	Sand	51	98	149	
86	Matsukawa River			2013/6/17	Sunny	0.3	5	78	Sand/gravel	34	85	119	
				2013/6/27	Sunny	0.3	3	79	Gravel/sand	52	100	152	
87	Hattandagawa River	Hattandabashi Bridge		2013/5/13	Sunny	0.4	5	77	Gravel/sand	410	850	1,260	
				2013/6/21	Cloudy	0.5	5	81	Sand/gravel	390	830	1,220	
88	Surikamigawa River	Totsunabashi Bridge		2013/5/13	Sunny	0.7	8	75	Sand	100	200	300	
				2013/6/21	Cloudy	1.0	10	73	Sand	160	350	510	
89	Surikamigawa River	Before the confluence with Abukumagawa River		2013/4/25	Sunny	0.6	5	80	Sand	55	99	154	
				2013/6/17	Cloudy	0.3	7	83	Sand/gravel	31	77	108	
				2013/6/27	Sunny	0.5	5	76	Gravel/sand	47	110	157	
90	Abukumagawa River	Taishobashi Bridge	Dateshi City	2013/4/24	Cloudy	0.5	5	64	Sand with silt	490	970	1,460	
				2013/6/17	Cloudy	0.7	7	73	Sand	260	490	750	
				2013/6/27	Sunny	0.5	5	82	Gravel/sand	95	190	285	
91	Hirosegawa River	Tatenokoshibashi Bridge	Kawamutamachi Town	2013/5/10	Sunny	0.3	5	84	Sand	110	240	350	
				2013/6/21	Cloudy	0.4	5	76	Sand	99	220	319	
92	Hirosegawa River	Jizogawarabashi Bridge		2013/5/10	Sunny	0.3	5	94	Sand	87	170	257	
				2013/6/21	Cloudy	0.3	5	90	Sand/gravel	130	240	370	
93	Ogunigawa River	Before the confluence with Hirosegawa River	Dateshi City	2013/4/30	Cloudy	0.4	5	74	Sand/silt	610	1,300	1,910	
				2013/6/14	Cloudy	0.3	5	80	Sand/silt	960	1,900	2,860	
				2013/6/21	Cloudy	0.3	5	77	Sand/silt	670	1,400	2,070	
94	Hirosegawa River	Before the confluence with Abukumagawa River		2013/4/24	Cloudy	0.5	5	82	Sand	270	520	790	
				2013/6/14	Sunny	0.3	5	80	Sand	170	350	520	
				2013/6/21	Sunny	0.5	3	81	Sand	180	360	540	
95	Kurokawa River	Tochigisakai	Shirakawashi City	2013/5/9	Sunny	0.2	5	77	Sand	43	100	143	
				2013/6/19	Light rain	0.4	10	80	Sand/gravel	43	110	153	
96	Kujigawa River	Matsukabashi Bridge	Tanaguramachi Town	2013/5/9	Sunny	0.3	5	82	Gravel/sand	<10	11	11	
				2013/6/18	Cloudy	0.3	5	80	Sand	17	38	55	
97	Kujigawa River	Takachiharabashi Bridge	Yamatsurimachi Town	2013/5/9	Sunny	0.6	5	80	Sand	11	16	27	
				2013/6/18	Cloudy	0.7	5	81	Sand	<10	13	13	

* Sampling points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

○River (Fukushima Prefecture, Nakadori Area): Surrounding Environment Monitoring Results

Sampling point				Sampling date	Weather	Left bank				Right bank				Remarks				
No.	Water body	Point	Municipality			Property	Radioactive material concentrations (Bq/kg (dry))				Property	Radioactive material concentrations (Bq/kg (dry))						
							Radioactive cesium			Air dose (μ Sv/h)		Radioactive cesium			Air dose (μ Sv/h)			
							Cs-134	Cs-137	Total			Cs-134	Cs-137			Total		
54	Abukumagawa River	Habutobashi Bridge	Nishigomara Village	2013/5/9	Sunny	Loamy	1,100	2,200	3,300	0.51	Sandy	380	810	1,190	0.34			
				2013/6/19	Cloudy	Loamy	1,300	2,600	3,900	0.34	Loamy	1,200	2,600	3,800	0.43			
55		Tamachiohashi Bridge		Shirakawashi City	2013/4/26	Light rain	Loamy	620	1,200	1,820	0.37	Loamy	590	1,200	1,790	0.28		
	2013/6/19		Cloudy		Loamy	1,400	3,100	4,500	0.36	Loamy	590	1,200	1,790	0.29				
	2013/6/25		Sunny		Loamy	2,300	4,800	7,100	0.35	Loamy	1,100	2,200	3,300	0.26				
56	Yantagawa River	Before the confluence with Abukumagawa River		2013/5/9	Sunny	Loamy	1,100	2,100	3,200	0.33	Loamy	2,200	4,500	6,700	0.44			
				2013/6/19	Cloudy	Loamy	1,700	3,500	5,200	0.44	Loamy	730	1,500	2,230	0.34			
57	Yashirogawa River	Yashirogawabashi Bridge	Tanaguramachi Town	2013/5/9	Sunny	Loamy	330	660	990	0.20	Loamy	210	440	650	0.19			
				2013/6/18	Cloudy	Loamy	120	220	340	0.13	Loamy	240	500	740	0.19			
58	Kitasugawa River	Yanagibashi Bridge	Hiratomura Village	2013/5/8	Sunny	Sandy	160	320	480	0.13	Loamy	110	210	320	0.12			
				2013/6/18	Cloudy	Sandy	100	190	290	0.11	Sandy	50	110	160	0.12			
59	Imadegawa River	Nekonakibashi Bridge	Ishikawamachi Town	2013/5/9	Sunny	Loamy	130	280	410	0.15	Loamy	170	270	440	0.12			
				2013/6/18	Cloudy	Loamy	150	300	450	0.16	Loamy	160	340	500	0.14			
60	Yashirogawa River	Ojibashi Bridge		2013/5/9	Sunny	Loamy	95	190	285	0.10	Loamy	210	440	650	0.12			
				2013/6/19	Cloudy	Loamy	77	160	237	0.13	Loamy	320	620	940	0.14			
				2013/4/26	Cloudy	Sandy	92	180	272	0.10	Sandy	50	93	143	0.07			
61	Abukumagawa River	Kawanomebashi Bridge	Tamakawamura Village	2013/6/19	Cloudy	Loamy	95	210	305	0.11	Sandy	250	510	760	0.12			
				2013/6/25	Cloudy	Sandy	71	160	231	0.08	Sandy	96	220	316	0.12			
				2013/5/8	Sunny	Loamy	800	1,700	2,500	0.29	Loamy	620	1,200	1,820	0.27			
62	Emochibashi Bridge			2013/6/19	Cloudy	Loamy	640	1,400	2,040	0.25	Loamy	500	1,000	1,500	0.23			
63				Shakadogawa River	Sukagawashi City water intake point	Sukagawashi City	2013/5/8	Sunny	Loamy	290	570	860	0.17	Loamy	390	810	1,200	0.23
							2013/6/19	Cloudy	Sandy	240	500	740	0.21	Loamy	440	1,000	1,440	0.24
	2013/4/26	Cloudy	Loamy				780	1,600	2,380	0.22	Loamy	610	1,300	1,910	0.22			
64	Before the confluence with Abukumagawa River			2013/6/19	Cloudy	Loamy	290	620	910	0.24	Loamy	340	710	1,050	0.25			
				2013/6/25	Cloudy	Loamy	410	910	1,320	0.24	Loamy	240	480	720	0.20			
				2013/5/1	Cloudy	Loamy	1,000	2,200	3,200	0.54	Loamy	900	1,700	2,600	0.42			
65	Sasaharagawa River	Shinbashi Bridge	Koriyamashi City	2013/6/19	Cloudy	Loamy	1,100	2,300	3,400	0.60	Loamy	940	2,000	2,940	0.48			
				2013/5/1	Sunny	Loamy	1,400	2,800	4,200	0.41	Loamy	1,600	3,300	4,900	0.35			
				2013/6/19	Cloudy	Loamy	1,200	2,600	3,800	0.44	Loamy	970	2,000	2,970	0.35			
67	Otakegawa River	Funchikibashi Bridge	Tamurashi City	2013/5/8	Sunny	Sandy	330	680	1,010	0.21	Sandy	250	500	750	0.19			
				2013/6/20	Cloudy	Loamy	280	590	870	0.16	Loamy	360	780	1,140	0.18			
				2013/5/1	Sunny	Loamy	1,200	2,300	3,500	0.59	Loamy	910	1,800	2,710	0.40			
68	Before the confluence with Abukumagawa River			2013/6/19	Cloudy	Loamy	770	1,600	2,370	0.35	Loamy	1,000	2,000	3,000	0.40			
				2013/5/1	Sunny	Loamy	2,500	4,900	7,400	0.65	Loamy	1,000	2,000	3,000	0.59			
				2013/6/20	Cloudy	Loamy	1,400	3,000	4,400	0.71	Loamy	1,700	3,400	5,100	0.61			
69	Ousegawa River	Makunouchibashi Bridge		2013/5/1	Sunny	Loamy	2,400	4,800	7,200	0.59	Sandy	530	1,100	1,630	0.53			
				2013/6/20	Cloudy	Sandy	1,500	3,100	4,600	0.80	Loamy	170	360	530	0.44			
				2013/4/30	Cloudy	Loamy	530	1,100	1,630	0.64	Clay-loamy	750	1,500	2,250	1.00			
70	Before the confluence with Abukumagawa River			2013/6/18	Cloudy	Loamy	2,800	5,600	8,400	0.77	Loamy	710	1,500	2,210	1.35			
				2013/6/24	Cloudy	Loamy	4,600	9,100	13,700	0.67	Loamy	1,300	2,800	4,100	1.31			
				2013/4/30	Cloudy	Sandy	190	360	550	0.24	Loamy	550	1,100	1,650	0.50			
71	Abukumagawa River	Akutsubashi Bridge		2013/6/18	Cloudy	Sandy	600	1,300	1,900	0.25	Loamy	690	1,400	2,090	0.51			
				2013/6/24	Cloudy	Loamy	510	1,100	1,610	0.25	Loamy	650	1,200	1,850	0.52			
				2013/5/8	Sunny	Sandy	400	830	1,230	0.27	Loamy	980	1,900	2,880	0.38			
72	After the confluence with Ishimurogawa River			2013/6/20	Cloudy	Sandy	130	280	410	0.41	Loamy	880	1,800	2,680	0.42			
				2013/5/8	Sunny	Loamy	2,000	3,800	5,800	0.76	Loamy	3,900	7,800	11,700	0.90			
				2013/6/20	Cloudy	Loamy	1,800	3,700	5,500	0.73	Loamy	910	2,000	2,910	0.69			
73	Gohyakugawa River	Kamsekishitabashi Bridge	Motomiya City	2013/4/25	Sunny	Loamy	2,600	5,200	7,800	1.11	Loamy	1,500	2,900	4,400	0.96			
				2013/6/18	Cloudy	Loamy	1,900	3,900	5,800	1.09	Clay-loamy	2,300	4,700	7,000	1.01			
				2013/6/24	Sunny	Loamy	4,300	8,700	13,000	0.82	Loamy	3,000	5,900	8,900	1.00			
74	Abukumagawa River	Takadabashi Bridge	Nihonmatsushi City	2013/4/25	Sunny	Loamy	2,900	5,700	8,600	0.76	Loamy	2,400	4,800	7,200	0.69			
				2013/6/18	Cloudy	Loamy	1,200	2,400	3,600	0.50	Clay-loamy	2,700	5,600	8,300	0.86			
				2013/6/26	Cloudy	Loamy	740	1,500	2,240	0.50	Loamy	2,300	4,800	7,100	0.80			

○River (Fukushima Prefecture, Nakadori Area): Surrounding Environment Monitoring Results

Sampling point				Sampling date	Weather	Property	Left bank				Property	Right bank				Remarks
No.	Water body	Point	Municipality				Radioactive material concentrations (Bq/kg (dry))									
							Radioactive cesium			Air dose		Radioactive cesium			Air dose	
							Cs-134	Cs-137	Total	(μ Sv/h)		Cs-134	Cs-137	Total	(μ Sv/h)	
77	Kuchibutogawa River	Kuchibutogawabashi Bridge	Nihonmatsushi City	2013/5/10	Sunny	Loamy	440	910	1,350	0.40	Loamy	480	970	1,450	0.41	
				2013/6/20	Sunny	Loamy	610	1,300	1,910	0.27	Loamy	1,000	2,300	3,300	0.35	
				2013/4/25	Sunny	Loamy	1,100	2,100	3,200	0.46	Loamy	1,300	2,400	3,700	0.66	
78	Utsushigawa River	Osegawabashi Bridge		2013/6/18	Cloudy	Loamy	810	1,600	2,410	0.49	Loamy	1,400	2,800	4,200	0.87	
			2013/6/26	Cloudy	Loamy	1,300	2,700	4,000	0.50	Loamy	1,600	3,100	4,700	0.82		
79	Mizuharagawa River	Getouchibashi Bridge	Fukushimashi City	2013/5/10	Sunny	Sandy	290	560	850	0.48	Sandy	1,300	2,600	3,900	0.95	
				2013/6/21	Cloudy	Loamy	340	690	1,030	0.48	Loamy	590	1,100	1,690	0.89	
80	Megamigawa River	Tsurumakibashi Bridge		2013/5/10	Sunny	Sandy	1,700	3,500	5,200	1.15	Sandy	660	1,300	1,960	0.78	
				2013/6/21	Cloudy	Loamy	640	1,400	2,040	0.79	Loamy	1,200	2,400	3,600	0.74	
				2013/4/25	Sunny	Loamy	280	540	820	0.54	Loamy	1,600	3,200	4,800	0.19	
				2013/6/17	Cloudy	Loamy	350	670	1,020	0.20	Loamy	4,600	9,700	14,300	0.58	
				2013/6/28	Cloudy	Loamy	1,800	3,800	5,600	0.69	Loamy	5,000	11,000	16,000	0.59	
82	Nigorigawa River	Before the confluence with Omorigawa River		2013/5/13	Sunny	Loamy	2,300	4,500	6,800	0.90	Loamy	2,400	4,900	7,300	0.84	
				2013/6/21	Cloudy	Loamy	2,800	5,800	8,600	0.90	Loamy	1,600	3,500	5,100	0.77	
				2013/5/13	Sunny	Loamy	760	1,600	2,360	0.56	Loamy	1,100	2,300	3,400	0.39	
83	Arakawa River	Hinokurabashi Bridge		2013/6/21	Sunny	Loamy	500	1,100	1,600	0.35	Loamy	540	1,100	1,640	0.33	
				2013/5/13	Sunny	Loamy	1,000	2,100	3,100	0.58	Loamy	2,000	4,100	6,100	0.44	
				2013/6/21	Sunny	Loamy	740	1,400	2,140	0.42	Loamy	190	420	610	0.65	
				2013/4/25	Sunny	Loamy	1,100	2,200	3,300	0.54	Loamy	8,100	16,000	24,100	1.43	
				2013/6/17	Sunny	Loamy	63	120	183	0.29	Sandy	250	500	750	0.69	
				2013/6/28	Cloudy	Loamy	160	340	500	0.40	Loamy	1,100	2,400	3,500	1.07	
				2013/4/24	Cloudy	Loamy	5,900	11,900	16,900	1.31	Loamy	1,800	3,500	5,300	1.06	
				2013/6/17	Sunny	Loamy	8,000	17,000	25,000	1.78	Loamy	2,000	4,200	6,200	1.11	
				2013/6/27	Sunny	Loamy	9,100	19,000	28,100	1.26	Loamy	2,000	4,300	6,300	1.04	
				2013/5/13	Sunny	Loamy	2,000	4,000	6,000	0.69	Loamy	1,900	3,800	5,700	0.68	
				2013/6/21	Cloudy	Loamy	2,100	4,100	6,200	0.55	Loamy	1,800	3,800	5,600	0.65	
				2013/5/13	Sunny	Loamy	2,100	4,200	6,300	0.60	Loamy	830	1,700	2,530	0.53	
				2013/6/21	Cloudy	Loamy	1,600	3,400	5,000	0.65	Loamy	510	1,100	1,610	0.51	
				2013/4/25	Sunny	Loamy	4,500	9,000	13,500	0.63	Loamy	1,800	3,700	5,500	0.81	
			2013/6/17	Cloudy	Sandy	1,600	3,500	5,100	0.64	Loamy	650	1,400	2,050	0.65		
			2013/6/27	Sunny	Loamy	3,000	6,200	9,200	0.53	Loamy	1,000	2,100	3,100	0.73		
			2013/4/24	Cloudy	Loamy	710	1,400	2,110	0.24	Loamy	1,300	2,700	4,000	0.58		
			2013/6/17	Cloudy	Loamy	650	1,400	2,050	0.28	Loamy	1,000	2,100	3,100	0.60		
			2013/6/27	Sunny	Loamy	410	860	1,270	0.27	Loamy	1,300	2,700	4,000	0.60		
			2013/5/10	Sunny	Loamy	310	610	920	0.56	Sandy	840	1,800	2,640	0.60		
91	Hirosegawa River	Tatenokoshibashi Bridge	Kawamatamachi Town	2013/6/21	Cloudy	Loamy	400	780	1,180	0.47	Sandy	460	970	1,430	0.60	
92		Jizogawarabashi Bridge	Dateshi City	2013/5/10	Sunny	Loamy	1,400	2,800	4,200	0.72	Loamy	480	880	1,360	0.78	
				2013/6/21	Cloudy	Loamy	1,500	3,000	4,500	0.56	Loamy	3,000	6,200	9,200	0.68	
				2013/4/30	Cloudy	Loamy	1,600	3,100	4,700	0.55	Loamy	1,300	2,600	3,900	0.65	
				2013/6/14	Cloudy	Loamy	1,200	2,600	3,800	0.53	Loamy	1,700	3,600	5,300	0.60	
				2013/6/21	Cloudy	Loamy	980	2,000	2,980	0.63	Loamy	2,000	4,200	6,200	0.61	
				2013/4/24	Cloudy	Loamy	1,100	2,200	3,300	0.55	Loamy	830	1,700	2,530	0.42	
				2013/6/14	Sunny	Loamy	960	1,900	2,860	0.51	Sandy	570	1,200	1,770	0.47	
			2013/6/21	Sunny	Loamy	1,200	2,400	3,600	0.52	Loamy	1,200	2,500	3,700	0.62		
95	Kurokawa River	Tochigisakai	Shirakawashi City	2013/5/9	Sunny	Loamy	970	1,900	2,870	0.56	Loamy	1,500	3,000	4,500	0.35	
			2013/6/19	Light rain	Loamy	710	1,500	2,210	0.56	Loamy	2,200	4,600	6,800	0.37		
96		Matsuokabashi Bridge	Tanaguramachi Town	2013/5/9	Sunny	Loamy	170	370	540	0.16	Loamy	430	860	1,290	0.21	
			2013/6/18	Cloudy	Loamy	300	590	890	0.17	Loamy	190	440	630	0.20		
97		Takachiabashi Bridge	Yamaturimachi Town	2013/5/9	Sunny	Loamy	110	230	340	0.12	Loamy	71	120	191	0.10	
				2013/6/18	Cloudy	Loamy	64	120	184	0.10	Loamy	21	51	72	0.09	

* Samples for surrounding environment (soil) were generally collected from 5 points in 3m square in the river terrace, etc., and mixed. Depending on the site situation, factors, such as the area of sampling may be much smaller, may cause figures to vary significantly.

* Air dose was measured with a survey meter, TCS-172B of Hitachi-Aloka Medical, Ltd.

* Sampling points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

○River (Fukushima Prefecture, Aizu Area)Water Quality Monitoring Results

Sampling point				Sampling date	Weather	Full depth (m)	General items					Radioactive material concentrations (Bq/L)		Remarks
No.	Water body	Point	Municipality				Sampling depth (m)	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity	Radioactive cesium		
												Cs-134	Cs-137	
98	Agagawa River	Tajimabashi Bridge	Minamiazumachi Town	2013/5/22	Sunny	0.40	0.0	>100	6	3	3.4	<1	<1	
				2013/6/19	Light rain	0.40	0.0	>100	6	4	2.2	<1	<1	
99		Okawabashi Bridge		2013/5/22	Sunny	0.85	0.0	>100	6	1	1.3	<1	<1	
				2013/6/19	Cloudy	0.90	0.0	>100	7	<1	1.3	<1	<1	
100		Takimibashi Bridge	Aizuwakamatsushi City	2013/5/13	Sunny	0.65	0.0	>100	9	<1	0.9	<1	<1	
				2013/6/7	Cloudy	0.70	0.0	>100	12	2	1.6	<1	<1	
101	Yukawa River	Shinyukawabashi Bridge		2013/5/13	Sunny	0.45	0.0	35	10	10	6.5	<1	<1	
				2013/6/7	Cloudy	0.40	0.0	90	11	8	3.4	<1	<1	
102		Before the confluence with Aganogawa River		2013/5/13	Sunny	0.45	0.0	26	13	13	16.0	<1	<1	
103	Miyakawa River	Saikunabashi Bridge	Aizubangomachi Town	2013/6/7	Cloudy	0.33	0.0	>100	13	5	3.2	<1	<1	
				2013/5/15	Sunny	0.20	0.0	11	15	32	44.0	<1	<1	
104	Aganogawa River	Miyakobashi Bridge		2013/6/7	Sunny	0.45	0.0	40	11	14	6.6	<1	<1	
				2013/5/15	Sunny	0.80	0.0	95	9	4	5.2	<1	<1	
105	Nippashigawa River	Minamiohashi Bridge	Kitakatashi City	2013/6/10	Sunny	0.62	0.0	>100	12	6	3.2	<1	<1	
				2013/5/15	Sunny	0.55	0.0	8	11	44	61.5	<1	<1	
106	Kyuyukawa River	Awanomiyabashi Bridge	Yugawamura Village	2013/6/10	Sunny	0.40	0.0	75	10	12	6.9	<1	<1	
				2013/5/15	Sunny	0.60	0.0	5	20	97	110.0	<1	<1	
107	Kyumiyakawa River	Josukebashi Bridge	Aizubangomachi Town	2013/6/10	Sunny	0.45	0.0	60	16	23	7.5	<1	<1	
				2013/5/15	Sunny	0.60	0.0	10	12	43	41.0	<1	<1	
108	Tatsukigawa River	Ohashi Bridge		2013/6/10	Sunny	0.40	0.0	75	12	17	6.9	<1	<1	
				2013/5/16	Cloudy	0.75	0.0	>100	5	6	3.7	<1	<1	
109		Shimokawarabashi Bridge	Kitakatashi City	2013/6/11	Sunny	0.72	0.0	>100	9	<1	0.5	<1	<1	
				2013/5/16	Cloudy	0.45	0.0	35	9	16	12.0	<1	<1	
110	Nigorigawa River	Norigawabashi Bridge		2013/6/11	Sunny	0.45	0.0	>100	13	6	2.6	<1	<1	
				2013/5/16	Cloudy	0.40	0.0	35	6	10	11.0	<1	<1	
111		Yamazakibashi Bridge		2013/6/11	Sunny	0.20	0.0	>100	12	3	2.2	<1	<1	
				2013/5/16	Sunny	0.70	0.0	22	7	19	19.0	<1	<1	
112	Inagawa River	Aoyagibashi Bridge	Minamiazumachi Town	2013/6/11	Sunny	0.55	0.0	>100	12	4	3.1	<1	<1	
				2013/5/21	Sunny	1.20	0.0	42	3	14	6.5	<1	<1	
113		Kurosawabashi Bridge	Tadamimachi Town	2013/6/18	Cloudy	1.20	0.0	>100	4	<1	0.7	<1	<1	
				2013/5/21	Sunny	1.10	0.0	32	2	25	15.0	<1	<1	
114	Tadamigawa River	Nishitanibashi Bridge	Kaneyamamachi Town	2013/6/18	Cloudy	1.10	0.0	69	4	2	3.1	<1	<1	
				2013/5/19	Cloudy	0.40	0.0	42	4	9	9.3	<1	<1	
115		Fujibashi Bridge	Aizubangomachi Town	2013/6/12	Sunny	0.40	0.0	>100	4	3	3.5	<1	<1	
				2013/5/23	Sunny	1.40	0.0	33	4	51	19.0	<1	<1	
116	Aganogawa River	Shingo Dam	Kitakatashi City	2013/6/20	Cloudy	1.40	0.0	80	7	9	5.7	<1	<1	
				2013/5/20	Cloudy	2.20	0.0	50	6	7	9.8	<1	<1	
117	Sukawa River	Sukawano		2013/6/17	Sunny	2.20	0.0	>100	10	3	3.9	<1	<1	
				2013/5/24	Sunny	0.55	0.0	>100	82	2	1.6	<1	<1	
118	Nagasegawa River	Koganebashi Bridge		2013/6/11	Sunny	0.40	0.0	>100	92	<1	0.2	<1	<1	
				2013/5/21	Sunny	0.30	0.0	>100	24	4	3.1	<1	<1	
119	Takahashigawa River	Shimbashi Bridge	Inawashiomachi Town	2013/6/13	Sunny	0.40	0.0	90	12	7	2.7	<1	<1	
				2013/5/21	Sunny	0.70	0.0	25	21	11	10.0	<1	<1	
120	Ogurogawa River	Umenohashi Bridge		2013/6/13	Sunny	0.70	0.0	>100	22	10	3.2	<1	<1	
				2013/5/21	Sunny	0.90	0.0	25	15	17	13.0	<1	<1	
121	Hishinmagawa River	Sekido District		2013/6/13	Cloudy	0.90	0.0	80	16	11	3.8	<1	<1	
				2013/5/21	Sunny	0.00	0.0	25	16	16	13.0	<1	<1	
122	Funatsugawa River	Funatsubashi Bridge	Koriyamashi City	2013/6/13	Sunny	0.60	0.0	>100	14	4	4.3	<1	<1	
				2013/5/21	Sunny	0.30	0.0	90	12	5	3.5	<1	<1	
123	Haragawa River	Estuary, front	Aizuwakamatsushi City	2013/6/13	Sunny	0.35	0.0	>100	11	2	0.7	<1	<1	
				2013/5/21	Sunny	0.60	0.0	60	8	8	7.8	<1	<1	
				2013/6/13	Cloudy	0.45	0.0	>100	8	4	2.7	<1	<1	

* Sampling points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

○River (Fukushima Prefecture, Aizu Area): Sediment Monitoring Results

Sampling point				Sampling date	Weather	Full depth (m)	General items			Radioactive material concentrations (Bq/kg (dried mud))			Remarks
No.	Water body	Point	Municipality				Mud sampling depth (cm)	Mud content %	Property	Radioactive cesium			
										Cs-134	Cs-137	Total	
98	Agagawa River	Tajimabashi Bridge	Minamiaizumachi Town	2013/5/22	Sunny	0.40	10	79	Sand/silt	<10	<10	-	
		Okawabashi Bridge		2013/6/19	Light rain	0.40	5	86	Gravel/sand	<10	<10	-	
				2013/5/22	Sunny	0.85	10	78	Gravel/sand	<10	<10	-	
99				2013/6/19	Cloudy	0.90	5	83	Gravel/sand	<10	<10	-	
				2013/5/13	Sunny	0.65	5	72	Gravel/sand	64	120	184	
				2013/6/7	Cloudy	0.70	5	84	Gravel/sand	31	67	98	
101	Yukawa River	Shinyukawabashi Bridge	Aizuwakamatsushi City	2013/5/13	Sunny	0.45	5	49	Silt/sand	470	940	1,410	
		Before the confluence with Aganogawa River		2013/6/7	Cloudy	0.40	5	79	Sand/gravel	36	69	105	
				2013/5/13	Sunny	0.45	5	86	Gravel/sand	35	79	114	
102				2013/6/7	Cloudy	0.33	5	81	Sand/gravel	59	140	199	
				2013/5/15	Sunny	0.20	5	80	Sand/silt	26	43	69	
				2013/6/7	Sunny	0.45	5	81	Sand/gravel	21	41	62	
103	Miyakawa River	Saikunabashi Bridge	Aizubangemachi Town	2013/5/15	Sunny	0.80	5	85	Sand	<10	<10	-	
104	Aganogawa River	Miyakobashi Bridge		2013/6/10	Sunny	0.62	5	79	Sand	<10	<10	-	
				2013/5/15	Sunny	0.55	5	73	Sand	26	62	88	
				2013/6/10	Sunny	0.40	5	71	Sand	33	59	92	
105	Nippashigawa River	Minamiohashi Bridge	Kitakatashi City	2013/5/15	Sunny	0.60	5	77	Sand	89	190	279	
				2013/6/10	Sunny	0.45	5	74	Sand	130	280	410	
				2013/5/15	Sunny	0.60	5	75	Sand	61	120	181	
107	Kyumiyakawa River	Josukebashi Bridge	Aizubangemachi Town	2013/6/10	Sunny	0.40	5	73	Sand	69	150	219	
				2013/5/16	Cloudy	0.75	5	77	Sand	49	69	118	
				2013/6/11	Sunny	0.72	5	79	Sand/gravel	52	100	152	
108	Tatsukigawa River	Ohashi Bridge		2013/5/16	Cloudy	0.45	5	76	Sand	24	56	80	
				2013/6/11	Sunny	0.45	5	84	Sand/gravel	14	26	40	
				2013/5/16	Cloudy	0.40	5	79	Sand/gravel	<10	11	11	
109	Nigorigawa River	Shimokawarabashi Bridge	Kitakatashi City	2013/6/11	Sunny	0.20	5	81	Sand/gravel	<10	<10	-	
				2013/5/16	Cloudy	0.40	5	83	Sand/gravel	14	27	41	
				2013/6/11	Sunny	0.70	5	74	Silt/sand	14	29	43	
110	Yamazakibashi Bridge			2013/5/21	Sunny	1.20	4	77	Sand	<10	<10	-	
				2013/6/18	Cloudy	1.20	4	84	Sand	<10	<10	-	
				2013/5/21	Sunny	1.10	4	84	Sand/silt	<10	<10	-	
111	Inagawa River	Kurosawabashi Bridge	Tadamimachi Town	2013/6/18	Cloudy	1.10	5	82	Sand	<10	<10	-	
				2013/5/19	Cloudy	0.40	5	80	Sand	<10	<10	-	
				2013/6/12	Sunny	0.40	5	83	Gravel/sand	<10	<10	-	
112	Tadamigawa River	Nishitanibashi Bridge	Kaneyamamachi Town	2013/5/23	Sunny	1.40	2	75	Sand/silt	<10	<10	12	
				2013/6/20	Cloudy	1.40	4	64	Sand/silt	12	24	36	
				2013/5/20	Cloudy	2.20	5	45	Silt/clay	110	230	340	
113	Aganogawa River	Shingo Dam	Kitakatashi City	2013/6/17	Sunny	2.20	5	57	Silt/sand	99	210	309	
				2013/5/24	Sunny	0.55	5	74	Sand/gravel	27	56	83	
				2013/6/11	Sunny	0.40	5	76	Sand/gravel	30	46	76	
114	Sukawa River	Sakawano		2013/5/21	Sunny	0.30	5	81	Sand/gravel	14	26	40	
				2013/6/13	Sunny	0.40	5	85	Sand/gravel	11	24	35	
				2013/5/21	Sunny	0.70	5	71	Sand/silt	87	180	267	
115	Nagasegawa River	Koganebashi Bridge		2013/6/13	Sunny	0.70	5	82	Sand/gravel	43	79	122	
				2013/5/21	Sunny	0.90	5	76	Sand	14	28	42	
				2013/6/13	Cloudy	0.90	5	76	Sand	36	58	94	
116	Takahashigawa River	Shinbashi Bridge	Inawashiomachi Town	2013/5/21	Sunny	0.80	5	27	Silt	150	330	480	
				2013/6/13	Sunny	0.60	5	43	Silt	23	51	74	
				2013/5/21	Sunny	0.30	5	75	Sand	12	28	40	
117	Ogurogawa River	Umenohashi Bridge		2013/6/13	Sunny	0.35	5	77	Sand	11	22	33	
				2013/5/21	Sunny	0.60	5	77	Sand	<10	16	16	
				2013/6/13	Cloudy	0.45	5	76	Sand	10	18	28	
118	Hishinumagawa River	Sekido District		2013/5/21	Sunny	0.80	5	27	Silt	150	330	480	
				2013/6/13	Sunny	0.60	5	43	Silt	23	51	74	
				2013/5/21	Sunny	0.30	5	75	Sand	12	28	40	
119	Funatsugawa River	Funatsubashi Bridge	Koriyamashi City	2013/6/13	Sunny	0.35	5	77	Sand	11	22	33	
				2013/5/21	Sunny	0.60	5	77	Sand	<10	16	16	
				2013/6/13	Cloudy	0.45	5	76	Sand	10	18	28	
120	Haragawa River	Estuary, front	Aizuwakamatsushi City	2013/5/21	Sunny	0.60	5	77	Sand	<10	16	16	
				2013/6/13	Cloudy	0.45	5	76	Sand	10	18	28	

* Sampling points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

○River (Fukushima Prefecture, Aizu Area): Surrounding Environment Monitoring Results

Sampling point				Sampling date	Weather	Property	Left bank				Property	Right bank				Remarks		
No.	Water body	Point	Municipality				Radioactive material concentrations (Bq/kg (dry))					Air dose (μSv/h)	Radioactive material concentrations (Bq/kg (dry))					
							Radioactive cesium			Total			Radioactive cesium				Total	Air dose (μSv/h)
							Cs-134	Cs-137					Cs-134	Cs-137				
98	Agagawa River	Tajimabashi Bridge	Manamizumachi Town	2013/5/22	Sunny	Sandy	19	31	50	0.07	Sandy	16	38	54	0.07			
		2013/6/19		Light rain	Loamy	47	110	157	0.08	Sandy/loamy	20	35	55	0.09				
99		Okawabashi Bridge		2013/5/22	Sunny	Loamy	240	460	700	0.07	Loamy	290	560	850	0.10			
		2013/6/19		Cloudy	Sandy	59	140	199	0.09	Loamy	75	170	245	0.08				
100		Takimibashi Bridge	Aizwakamatsuchi City	2013/5/13	Sunny	Loamy	430	840	1,270	0.14	Loamy	460	900	1,360	0.14			
		2013/6/7		Cloudy	Loamy	97	240	337	0.16	Clay-loamy	500	1,000	1,500	0.14				
101	Yukawa River	Shinyakawabashi Bridge		2013/5/13	Sunny	Loamy	510	1,100	1,610	0.17	Loamy	860	1,700	2,560	0.18			
				2013/6/7	Cloudy	Loamy	320	610	930	0.19	Loamy	820	1,700	2,520	0.21			
102		Before the confluence with Agagawa River		2013/5/13	Sunny	Loamy	350	740	1,090	0.20	Loamy	270	540	810	0.20			
103	Miyakawa River	Saikunabashi Bridge	Aizubangemachi Town	2013/6/7	Cloudy	Loamy	270	540	810	0.21	Loamy	390	780	1,170	0.20			
				2013/5/15	Sunny	Loamy	740	1,500	2,240	0.20	Loamy	460	970	1,430	0.16			
104	Aganogawa River	Miyakobashi Bridge		2013/6/7	Sunny	Loamy	480	990	1,470	0.19	Loamy	360	720	1,080	0.21			
				2013/5/15	Sunny	Loamy	470	970	1,440	0.21	Loamy	<10	<10	-	0.11			
105	Nippashigawa River	Minamiobashi Bridge	Kitakatashi City	2013/6/10	Sunny	Loamy	430	970	1,400	0.27	Loamy	150	280	430	0.11			
				2013/5/15	Sunny	Loamy	760	1,400	2,160	0.26	Loamy	250	500	750	0.22			
106	Kyuyukawa River	Awanomiyabashi Bridge	Yugawamara Village	2013/6/10	Sunny	Loamy	830	1,700	2,530	0.26	Loamy	410	870	1,280	0.21			
				2013/5/15	Sunny	Loamy	440	890	1,330	0.29	Loamy	350	740	1,090	0.20			
107	Kyumiyakawa River	Josakebashi Bridge	Aizubangemachi Town	2013/6/10	Sunny	Loamy	610	1,200	1,810	0.27	Loamy	480	1,000	1,480	0.20			
				2013/5/15	Sunny	Loamy	480	970	1,450	0.16	Loamy	200	440	640	0.16			
108	Tatsukigawa River	Ohashi Bridge	Kitakatashi City	2013/6/10	Sunny	Loamy	340	730	1,070	0.16	Loamy	210	420	630	0.19			
				2013/5/16	Cloudy	Loamy	110	190	300	0.09	Loamy	210	420	630	0.09			
109		Shimokawarabashi Bridge		2013/6/11	Sunny	Loamy	75	160	235	0.09	Loamy	250	520	770	0.10			
				2013/5/16	Cloudy	Loamy	250	510	760	0.14	Loamy	410	830	1,240	0.14			
110	Nigorigawabashi Bridge			2013/6/11	Sunny	Loamy	460	990	1,450	0.16	Loamy	270	540	810	0.14			
				2013/5/16	Cloudy	Loamy	370	670	1,040	0.14	Loamy	290	530	820	0.12			
111	Nigorigawa River	Yamazakibashi Bridge		2013/6/11	Sunny	Loamy	490	1,000	1,490	0.16	Loamy	360	750	1,110	0.14			
				2013/5/16	Sunny	Loamy	260	520	780	0.15	Loamy	520	980	1,500	0.16			
112	Inagawa River	Aoyagibashi Bridge	Manamizumachi Town	2013/6/11	Sunny	Loamy	460	920	1,380	0.17	Loamy	450	840	1,290	0.17			
				2013/5/21	Sunny	Loamy	250	500	750	0.11	Loamy	87	190	277	0.15			
113	Kurosawabashi Bridge		Tadamimachi Town	2013/6/18	Cloudy	Sandy	69	120	189	0.11	Sandy	91	190	281	0.07			
				2013/5/21	Sunny	Sandy	80	110	190	0.08	Sandy	<10	<10	-	0.08			
114	Tadamigawa River	Nishitamabashi Bridge	Kasayamachi Town	2013/6/18	Cloudy	Loamy	56	130	186	0.08	Loamy	20	53	73	0.08			
				2013/5/19	Cloudy	Sandy	<10	23	23	0.07	Loamy	94	200	294	0.07			
115	Fujibashi Bridge		Aizubangemachi Town	2013/6/12	Sunny	Sandy	<10	<10	-	0.06	Loamy	76	140	216	0.07			
				2013/5/23	Sunny	Sandy	14	29	43	0.09	Loamy	210	430	640	0.15			
116	Aganogawa River	Shingo Dam	Kitakatashi City	2013/6/20	Cloudy	Sandy	13	28	41	0.08	Loamy	240	530	770	0.14			
				2013/5/20	Cloudy	Loamy	220	430	650	0.10	Loamy	61	110	171	0.10			
117	Sukawa River	Sukawano		2013/6/17	Sunny	Loamy	52	110	162	0.10	Loamy	250	530	780	0.10			
				2013/5/24	Sunny	Loamy	720	1,400	2,120	0.15	Loamy	1,100	2,300	3,400	0.18			
118	Nagasegawa River	Koganebashi Bridge		2013/6/11	Sunny	Loamy	630	1,300	1,930	0.16	Loamy	470	950	1,420	0.14			
				2013/5/21	Sunny	Loamy	62	110	172	0.09	Loamy	200	320	520	0.09			
119	Takahashigawa River	Shimbashi Bridge	Iizawatomachi Town	2013/6/13	Sunny	Loamy	72	170	242	0.07	Loamy	200	410	610	0.09			
				2013/5/21	Sunny	Loamy	130	300	430	0.11	Loamy	44	100	144	0.09			
120	Ogurogawa River	Umenobashi Bridge		2013/6/13	Sunny	Loamy	190	390	580	0.09	Loamy	170	330	500	0.10			
				2013/5/21	Sunny	Loamy	100	240	340	0.09	Loamy	130	270	400	0.08			
121	Hishinugawa River	Sekido District		2013/6/13	Cloudy	Loamy	110	240	350	0.10	Loamy	220	430	650	0.09			
				2013/5/21	Sunny	Loamy	45	120	165	0.08	Loamy	27	61	88	0.08			
122	Funatsugawa River	Funatsubashi Bridge	Koriyamashi City	2013/6/13	Sunny	Loamy	65	130	195	0.08	Loamy	130	220	350	0.08			
				2013/5/21	Sunny	Loamy	120	260	380	0.08	Loamy	130	230	360	0.07			
123	Haragawa River	Estuary, front	Aizwakamatsuchi City	2013/6/13	Sunny	Loamy	170	320	490	0.07	Loamy	64	130	194	0.07			
				2013/5/21	Sunny	Loamy	49	130	179	0.08	Loamy	71	120	191	0.08			
				2013/6/13	Cloudy	Loamy	74	170	244	0.08	Loamy	93	180	273	0.07			

* Samples for surrounding environment (soil) were generally collected from 5 points in 3m square in the river terrace, etc., and mixed. Depending on the site situation, factors, such as the area of sampling may be much smaller, may cause figures to vary significantly.

* Air dose was measured with a survey meter: TCS-172B of Hitachi-Ataka Medical, Ltd.

* Sampling points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

OLake and Headwater (Hamadori Area): Water Quality Monitoring Results

Sampling point				Sampling date	Weather	Full depth (m)	General items					Radioactive material concentrations (Bq/L)		Remarks	
No.	Point		Municipality				Sampling depth (m)	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity	Radioactive cesium			
												Cs-134	Cs-137		
1	Soso (farm pond)	Takei	Shinchimachi Town	2013/6/3	Sunny	2.5	0.5	1.0	21	8	8.0	<1	<1		
		Lower layer	1.5				23								10
2		Uchizawa	Somashi City	2013/6/21	Cloudy	1.5	0.0	>1.5	13	<1	0.0	<1	<1		
		Lower layer					0.5								13
3	Matsugubo Dam (Utawako Lake)		Somashi City	2013/6/3	Sunny	17.0	0.5	2.0	9	2	2.8	<1	<1		
		Lower layer					16.0								9
4	Mano Dam		Somashi City	2013/5/30	Light rain	52.5	0.5	3.5	11	<1	1.3	<1	<1		
		Lower layer					51.5								9
5	Soso (farm pond)	Ainosawa	Somashi City	2013/5/30	Light rain	0.9	0.0	0.7	4	<1	0.7	<1	<1	Collected only from the surface layer due to shallow water	
							Lower layer								-
		Lower layer	2013/6/26	Sunny	0.4	0.0	>0.4	4	2	2.0	<1	<1		Collected only from the surface layer due to shallow water	
						Lower layer									-
6	Ganbe Dam Reservoir		Hatemura Village	2013/5/30	Light rain	5.0	0.5	2.5	7	3	3.4	<1	<1		
							Lower layer								4.0
		Lower layer	2013/6/26	Light rain	4.8	0.5	1.6	6	2	3.0	<1	<1			
						Lower layer								3.8	5
7	Soso (farm pond)	Fugane Dam	Hatemura Village	2013/5/30	Light rain	1.0	0.0	>1.0	6	<1	0.9	<1	<1	Collected only from the surface layer due to shallow water	
							Lower layer								-
		Lower layer	2013/6/27	Sunny	0.8	0.0	>0.8	5	1	1.6	<1	<1		Collected only from the surface layer due to shallow water	
						Lower layer									-
8		Sasatoge	Hatemura Village	2013/5/30	Cloudy	1.0	0.0	>1.0	4	2	2.0	<1	<1	Collected only from the surface layer due to shallow water	
							Lower layer								-
		Lower layer	2013/6/27	Sunny	0.6	0.0	>0.6	4	2	2.2	<1	<1		Collected only from the surface layer due to shallow water	
						Lower layer									-
9	Takakura Dam Reservoir		Somashi City	2013/6/4	Cloudy	0.7	0.0	>0.7	6	2	4.4	<1	<1	Collected only from the surface layer due to shallow water	
		Lower layer					-								-
10	Yokokawa Dam Reservoir		Somashi City	2013/6/4	Sunny	5.2	0.5	3.0	5	<1	1.2	<1	<1		
		Lower layer					4.2								5
11		Tarayachi	Minamiosomashi City	2013/6/17	Cloudy	-	-	-	-	-	-	-	-	Unable to collect samples due to drought	
							Lower layer								-
		Lower layer	2013/6/27	Cloudy	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought
						Lower layer									
12		Takeshiyachi	Minamiosomashi City	2013/6/17	Cloudy	0.5	0.0	0.1	6	50	54.0	<1	<1	Collected only from the surface layer due to shallow water	
							Lower layer								-
		Lower layer	2013/6/28	Cloudy	0.5	0.0	0.2	5	42	48.0	<1	<1		Collected only from the surface layer due to shallow water	
						Lower layer									-
13		Ryugasaki	Minamiosomashi City	2013/6/17	Cloudy	1.3	0.0	0.0	6	11	11.0	<1	<1	Collected only from the surface layer due to shallow water	
							Lower layer								-
		Lower layer	2013/6/28	Cloudy	0.5	0.0	>0.5	6	6	3.1	<1	<1		Collected only from the surface layer due to shallow water	
						Lower layer									-
14	Soso (farm pond)	Uwatashiro	Kawamatsumachi Town	2013/5/21	Sunny	0.4	0.0	>0.4	4	4	4.5	<1	<1	Collected only from the surface layer due to shallow water	
							Lower layer								-
		Lower layer	2013/6/26	Cloudy	0.3	0.0	>0.3	3	5	4.6	<1	<1		Collected only from the surface layer due to shallow water	
						Lower layer									-
15		Kookuto	Namiemachi Town	2013/5/21	Sunny	0.4	0.0	>0.4	9	9	12.0	1	2	Collected only from the surface layer due to shallow water	
							Lower layer								-
		Lower layer	2013/6/26	Cloudy	0.3	0.0	>0.3	9	32	38.0	2	3		Collected only from the surface layer due to shallow water	
						Lower layer									-
16		Yosouchi	Hatemura Village	2013/5/30	Cloudy	0.8	0.0	>0.8	5	2	2.2	<1	<1	Collected only from the surface layer due to shallow water	
							Lower layer								-
		Lower layer	2013/6/26	Light rain	0.5	0.0	>0.5	5	5	3.8	<1	<1		Collected only from the surface layer due to shallow water	
						Lower layer									-
17		Myobusaku No.2	Minamiosomashi City	2013/6/17	Cloudy	1.0	0.0	0.5	4	3	2.5	<1	<1	Collected only from the surface layer due to shallow water	
							Lower layer								-
		Lower layer	2013/6/28	Cloudy	0.7	0.0	>0.7	4	2	2.9	<1	<1		Collected only from the surface layer due to shallow water	
						Lower layer									-
18	Ogaki Dam		Namiemachi Town	2013/5/15	Cloudy	0.4	0.0	>0.4	6	<1	1.6	<1	<1	Collected only from the surface layer due to shallow water	
							Lower layer								-
		Lower layer	2013/6/28	Cloudy	0.2	0.0	>0.2	6	3	2.9	<1	<1		Collected only from the surface layer due to shallow water	
						Lower layer									-
19	Soso (farm pond)	Usukawa	Katsuraoomura Village	2013/5/21	Sunny	0.2	0.0	>0.2	8	5	2.3	<1	<1	Collected only from the surface layer due to shallow water	
							Lower layer								-
		Lower layer	2013/6/26	Cloudy	0.1	0.0	>0.1	8	6	1.8	<1	<1		Collected only from the surface layer due to shallow water	
						Lower layer									-
20		Heigasaki	Hatemura Village	2013/5/30	Cloudy	0.5	0.0	>0.5	4	5	2.8	<1	<1	Collected only from the surface layer due to shallow water	
							Lower layer								-
		Lower layer	2013/6/26	Sunny	0.8	0.0	>0.8	4	4	2.4	<1	<1			

OLake and Headwater (Hamadori Area): Water Quality Monitoring Results

Sampling point				Sampling date	Weather	Full depth (m)	General items					Radioactive material concentrations (Bq/L)		Remarks	
No.	Point	Municipality	Sampling depth (m)				Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity	Radioactive cesium				
											Cs-134	Cs-137			
		Lower layer											Collected only from the surface layer due to shallow water		
21	Soso (farm pond)	Mekarasawa No.2	Surface layer	2013/5/20	Cloudy	0.3	0.0	>0.3	9	28	38.0	<1	2	Collected only from the surface layer due to shallow water	
			Lower layer												
		Namiemachi Town	Surface layer	2013/6/24	Cloudy	0.3	0.0	>0.3	9	43	43.0	2	3	Collected only from the surface layer due to shallow water	
			Lower layer												
22	Soso (farm pond)	Joroku	Surface layer	2013/5/20	Cloudy	0.2	0.0	>0.2	10	59	120.0	1	3	Collected only from the surface layer due to shallow water	
			Lower layer												
		Namiemachi Town	Surface layer	2013/6/24	Sunny	0.2	0.0	>0.2	12	7	13.0	<1	<1	Collected only from the surface layer due to shallow water	
			Lower layer												
23	Furumichigawa Power Plant Dam	Tamuraishi City	Surface layer	2013/5/22	Sunny	7.0	0.5	1.6	14	1	2.1	<1	<1		
			Lower layer												
24	Soso (farm pond)	Sawaiti No.1	Surface layer	2013/5/20	Sunny	0.4	0.0	>0.4	18	1	2.2	<1	2	Collected only from the surface layer due to shallow water	
			Lower layer												
		Futabamachi Town	Surface layer	2013/6/27	Sunny	0.6	0.0	>1.0	19	4	6.8	2	4	Collected only from the surface layer due to shallow water	
			Lower layer												
25	Soso (farm pond)	Suzunai No.4	Surface layer	2013/5/21	Sunny	0.4	0.0	>0.4	16	66	98.0	16	31	Collected only from the surface layer due to shallow water	
			Lower layer												
		Okumamachi Town	Surface layer	2013/6/27	Sunny	0.3	0.0	>0.3	16	50	61.0	13	26	Collected only from the surface layer due to shallow water	
			Lower layer												
26	Soso (farm pond)	Nishibaguro	Surface layer	2013/5/20	Sunny	0.6	0.0	>0.6	10	7	9.1	<1	<1	Collected only from the surface layer due to shallow water	
			Lower layer												
		Futabamachi Town	Surface layer	2013/6/27	Sunny	0.5	0.0	>0.5	10	4	6.0	<1	1	Collected only from the surface layer due to shallow water	
			Lower layer												
27	Sakuhita Dam	Okumamachi Town	Surface layer	2013/6/5	Sunny	19.5	0.5	0.8	7	3	4.4	<1	<1		
			Lower layer												
			Surface layer	2013/6/26	Cloudy	20.0	0.5	1.6	7	1	1.5	<1	<1		
			Lower layer												
28	Soso (farm pond)	Atamamori 2	Surface layer	2013/5/21	Sunny	0.4	0.0	>0.4	11	3	3.0	<1	<1	Collected only from the surface layer due to shallow water	
			Lower layer												
		Yonomori	Surface layer	2013/6/27	Sunny	0.5	0.0	>0.5	11	4	4.4	1	3	Collected only from the surface layer due to shallow water	
			Lower layer												
29	Takikawa Dam	Kawauchimura Village	Surface layer	2013/6/5	Sunny	1.1	0.0	0.5	11	13	14.0	<1	2	Collected only from the surface layer due to shallow water	
			Lower layer												
			Surface layer	2013/5/15	Sunny	0.6	0.0	>0.6	6	6	3.7	<1	<1	Collected only from the surface layer due to shallow water	
			Lower layer												
30	Soso (farm pond)	Takinosawa	Surface layer	2013/6/18	Light rain	0.5	0.0	0.2	6	12	12.0	<1	<1	Collected only from the surface layer due to shallow water	
			Lower layer												
		Tomokamachi Town	Surface layer	2013/6/28	Cloudy	0.6	0.0	0.2	12	6	9.0	<1	<1	Collected only from the surface layer due to shallow water	
			Lower layer												
31	Soso (farm pond)	Kamishigooka No.1	Surface layer	2013/6/18	Light rain	0.3	0.0	>0.3	7	5	4.6	<1	<1	Collected only from the surface layer due to shallow water	
			Lower layer												
		Narabamachi Town	Surface layer	2013/6/28	Cloudy	0.5	0.0	0.4	8	7	5.5	<1	<1	Collected only from the surface layer due to shallow water	
			Lower layer												
32	Soso (farm pond)	Shimodigooka	Surface layer	2013/6/18	Light rain	0.3	0.0	0.3	10	7	7.8	<1	<1	Collected only from the surface layer due to shallow water	
			Lower layer												
		Tomokamachi Town	Surface layer	2013/6/28	Cloudy	0.1	0.0	0.3	10	9	11.0	<1	<1	Collected only from the surface layer due to shallow water	
			Lower layer												
33	Komachi Dam	Onomachi Town	Surface layer	2013/6/10	Sunny	8.2	0.5	1.3	10	4	5.3	<1	<1		
			Lower layer												
34	Kido Dam	Narabamachi Town	Surface layer	2013/6/6	Cloudy	27.5	0.5	2.3	5	19	11.0	<1	<1		
			Lower layer												
35	Soso (farm pond)	Otsutsumi	Surface layer	2013/6/6	Sunny	1.1	0.0	0.8	118	4	6.8	<1	<1	Collected only from the surface layer due to shallow water	
			Lower layer												
		Narabamachi Town	Surface layer	2013/6/28	Cloudy	1.2	0.0	0.5	86	3	4.5	<1	<1	Collected only from the surface layer due to shallow water	
			Lower layer												
36	Iwaki (farm pond)	Shinike	Surface layer	2013/6/2	Cloudy	1.7	0.0	>1.7	10	2	2.8	<1	<1	Collected only from the surface layer due to shallow water	
			Lower layer												
37	Kodama Dam Reservoir (Kodamako Lake)	Iwakishi City	Surface layer	2013/6/3	Sunny	53.0	0.5	2.3	8	4	4.6	<1	<1		
			Lower layer												
38	Iwaki (farm pond)	Kamoritsutsumidata	Surface layer	2013/6/1	Sunny	0.3	0.1	>0.3	60	5	3.0	<1	<1	Collected only from the surface layer due to shallow water	
			Lower layer												
39	Takashiwa Dam Reservoir (Takashiwa Lake)	Iwakishi City	Surface layer	2013/5/30	Cloudy	21.9	0.5	2.5	12	2	2.1	<1	<1		
			Lower layer												
40	Shioda Dam Reservoir	Iwakishi City	Surface layer	2013/5/31	Sunny	33.5	0.5	1.9	7	3	2.9	<1	<1		
			Lower layer												
41	Shioda Dam Reservoir	Iwakishi City	Surface layer	2013/5/31	Sunny	33.5	0.5	1.9	8	3	3.0	<1	<1		
			Lower layer												

* Sampling points are listed from north to south.

OLake and Headwater (Hamadori Area): Sediment and Surrounding Environment (Lake Shore) Monitoring Results

Sampling point			Sampling date	Weather	Full depth (m)	Sediment						Surrounding environment (lake shore)					Remarks
						General items			Radioactive material concentrations (Bq/kg (dried mud))			Soil					
						Mud sampling depth (cm)	Mud content %	Property	Radioactive cesium			Property	Radioactive material concentrations (Bq/kg (dry))			Air dose (μSv/h)	
									Cs-134	Cs-137	Total		Cs-134	Cs-137	Total		
27	Sakashita Dam		2013/6/5	Sunny	19.5	5	29	Silt	5,700	12,000	17,700	Loamy	4,900	10,000	14,900	1.60	
			2013/6/26	Cloudy	20.0	10	26	Silt	8,000	17,000	25,000	Loamy	1,600	3,200	4,800	1.46	
28	Soso (farm pond)	Atamamori 2	2013/5/21	Sunny	0.4	3	70	Sand	1,900	3,800	5,700	Loamy	4,100	8,100	12,200	1.84	
			2013/6/27	Sunny	0.5	10	55	Silt/sand	1,300	2,600	3,900	Clay-loamy	6,300	13,000	19,300	1.85	
29		Yonomori	2013/6/5	Sunny	1.1	7	49	Silt/sand	15,000	32,000	47,000	Loamy	6,000	12,000	18,000	4.50	
30	Takikawa Dam		2013/5/13	Sunny	0.6	5	85	Sand	320	670	990	Loamy	13,000	26,000	39,000	3.13	
			2013/6/27	Sunny	1.2	4	77	Sand	430	890	1,320	Sandy	16,000	34,000	50,000	2.76	
31		Takinosawa	2013/6/18	Light rain	0.5	5	43	Silt/sand	1,300	2,800	4,100	Sandy	11,000	22,000	33,000	1.50	
			2013/6/28	Cloudy	0.6	5	42	Silt	660	1,400	2,060	Loamy	2,500	5,200	7,700	1.49	
32	Soso (farm pond)	Kamishigeoka No.1	2013/6/18	Light rain	0.3	5	63	Sand/silt	5,000	11,000	16,000	Loamy	4,000	8,100	12,100	1.33	
			2013/6/28	Cloudy	0.5	5	51	Silt/sand	3,200	6,600	9,800	Loamy	3,000	6,200	9,200	1.20	
33		Shimoshigeoka	2013/6/18	Light rain	0.3	4	50	Sand/silt	1,600	3,300	4,900	Loamy	2,300	4,700	7,000	0.76	
			2013/6/28	Cloudy	0.1	4	42	Silt/sand	860	1,800	2,660	Sandy	760	1,500	2,260	0.74	
34	Komachi Dam		2013/6/10	Sunny	8.2	5	24	Silt	1,000	2,100	3,100	Loamy	340	730	1,070	0.16	
35	Kido Dam		2013/6/6	Cloudy	27.5	5	31	Silt	5,200	11,000	16,200	Loamy	670	1,200	1,870	0.42	
36	Soso (farm pond)	Otsutsumi	2013/6/6	Sunny	1.1	7	53	Silt/clay	1,900	3,800	5,700	Loamy	390	800	1,190	0.36	
			2013/6/28	Cloudy	1.2	5	50	Clay/silt	480	990	1,470	Clay-loamy	160	380	540	0.37	
37	Iwaki (farm pond)	Shinke	2013/6/2	Cloudy	0.4	5	79	Sand	30	59	89	Sandy	220	380	600	0.29	
38	Kodama Dam Reservoir (Kodamako Lake)		2013/6/3	Sunny	53.0	10	26	Silt	640	1,100	1,740	Sandy	120	250	370	0.16	
39	Iwaki (farm pond)		2013/6/1	Sunny	0.3	10	71	Clay/gravel	50	120	170	Sandy	82	180	262	0.16	
40	Takashiba Dam Reservoir (Takashibako Lake)		2013/5/30	Cloudy	21.9	5	40	Silt	230	560	790	Sandy	910	1,900	2,810	0.24	
41	Shtoki Dam Reservoir		2013/5/31	Sunny	33.5	10	42	Silt	620	1,200	1,820	Sandy	1,200	2,400	3,600	0.29	

* Samples for surrounding environment (soil) were generally collected from 5 points in 3m square in the river terrace, etc., and mixed. Depending on the site situation, factors, such as the area of sampling may be much smaller, may cause figures to vary significantly.

* Sampling points are listed from north to south.

* Air dose was measured with a survey meter, TCS-172B of Hitachi-Aloka Medical, Ltd.

OLake and Headwater (Nakadori Area): Water Quality Monitoring Results

Sampling point				Municipality	Sampling date	Weather	Full depth (m)	General items					Radioactive material concentrations (Bq/L)		Remarks										
No.	Point		Layer					Sampling depth (m)	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity	Radioactive cesium												
													Cs-134	Cs-137											
42	Surikamigawa Dam Reservoir	Nanko Lake	Surface layer	Fukushima City	2013/6/7	Cloudy	78.5	0.5	3.1	4	1	1	<1	<1											
			Lower layer					77.5								6	<1	2	<1	<1					
43	Handanuma Lake (farm pond)		Surface layer	Korimachi Town	2013/6/7	Cloudy	0.9	0.0	>0.9	12	1	2	<1	<1											
			Lower layer					-								-	-	-	-	Collected only from the surface layer due to shallow water					
			Surface layer					2013/6/27								Cloudy	0.5	0.0	>0.5	13	<1	2	<1	<1	
			Lower layer															-							
44	Oike Pond (farm pond)		Surface layer	Motomiyashi City	2013/6/14	Cloudy	0.8	0.0	>0.8	6	3	2	<1	<1											
			Lower layer					-								-	-	-	-	Collected only from the surface layer due to shallow water					
			Surface layer					2013/6/24								Sunny	1.0	0.0	>1.0	7	3	4	<1	<1	
			Lower layer															-							
45	Miharu Dam	Oike Pond	Surface layer	Miharumachi Town	2013/6/11	Cloudy	23.5	0.5	3.1	17	2	1	<1	<1											
			Lower layer					22.5								18	2	2	<1	<1					
46	Hounokusa (farm pond)		Surface layer	Koriyamashi City	2013/6/11	Cloudy	0.7	0.0	>0.7	11	3	3	<1	<1											
			Lower layer					-								-	-	-	-	Collected only from the surface layer due to shallow water					
			Surface layer					2013/6/24								Sunny	1.0	0.0	>1.0	13	2	2	<1	<1	
			Lower layer															-							
47	Hatoriko Lake	Hounokusa	Surface layer	Teneimura Village	2013/6/13	Cloudy	17.6	0.5	4.0	4	1	2	<1	<1											
			Lower layer					16.6								4	<1	1	<1	<1					
48	Hirodaira (farm pond)		Surface layer	Sukagawashi City	2013/6/12	Cloudy	1.0	0.0	>1.0	16	2	5	<1	<1											
			Lower layer					-								-	-	-	-	Collected only from the surface layer due to shallow water					
			Surface layer					2013/6/26								Cloudy	0.5	0.0	>0.5	15	6	4	<1	<1	
			Lower layer															-							
49	Sengosawa Dam Reservoir	Hirodaira	Surface layer	Ishikawamachi Town	2013/6/12	Cloudy	12.6	0.5	4.0	14	8	5	<1	<1											
			Lower layer					11.6								19	5	10	<1	<1					
50	Watariike Pond (farm pond)		Surface layer	Yabukimachi Town	2013/6/12	Cloudy	0.8	0.0	>0.8	21	3	4	<1	<1											
			Lower layer					-								-	-	-	-	Collected only from the surface layer due to shallow water					
			Surface layer					2013/6/25								Sunny	1.0	0.0	>1.0	18	8	6	<1	<1	
			Lower layer															-							
51	Izumikawa River (farm pond)		Surface layer	Shirakawashi City	2013/6/13	Cloudy	0.7	0.0	-	19	13	11	<1	<1											
			Lower layer					-								-	-	-	-	Collected only from the surface layer due to shallow water					
			Surface layer					2013/6/25								Sunny	0.3	0.0	>0.3	15	86	100	<1	<1	
			Lower layer															-							
52	Hokkawa Dam		Surface layer	Nishigomura Village	2013/6/14	Cloudy	24.8	0.5	4.1	6	<1	1	<1	<1											
			Lower layer					23.8								6	1	1	<1	<1					
53	Nanko Lake		Surface layer	Shirakawashi City	2013/6/13	Cloudy	1.6	0.0	>1.6	55	2	1	<1	<1											
			Lower layer					-								-	-	-	-	Collected only from the surface layer due to shallow water					
			Surface layer					2013/6/25								Cloudy	1.4	0.0	>1.4	56	2	2	<1	<1	
			Lower layer															-							

* Sampling points are listed from north to south.

OLake and Headwater (Nakadori Area): Sediment and Surrounding Environment (Lake Shore) Monitoring Results

Sampling point			Sampling date	Weather	Full depth (m)	Sediment						Surrounding environment (lake shore)				Remarks	
No.	Point	Municipality				General items			Radioactive material concentrations (Bq/kg (dried mud))			Property	Soil				Air dose (μSv/h)
						Mud sampling depth (cm)	Mud content %	Property	Radioactive cesium				Radioactive material concentrations (Bq/kg (dry))				
						Cs-134	Cs-137	Total	Radioactive cesium								
						Cs-134	Cs-137	Total	Cs-134	Cs-137	Total						
42	Surikamigawa Dam Reservoir	Fukushima City	2013/6/7	Cloudy	78.5	10	41	Silt	1,100	2,300	3,400	Sandy	310	660	970	0.20	
43	Handanuma Lake (farm pond)	Korimachi Town	2013/6/7	Cloudy	0.9	10	78	Sand/gravel	280	650	930	Loamy	1,300	2,700	4,000	0.71	
			2013/6/27	Cloudy	0.3	5	67	Sand/gravel	280	610	890	Loamy	1,900	3,900	5,800	0.70	
44	Oike Pond (farm pond)	Motomiyashi City	2013/6/14	Cloudy	0.8	10	71	Silt/sand	310	650	960	Loamy	1,300	2,700	4,000	1.12	
			2013/6/24	Sunny	0.5	5	50	Silt/sand	1,800	3,900	5,700	Loamy	2,900	5,900	8,800	0.96	
45	Miharu Dam	Miharumachi Town	2013/6/11	Cloudy	23.5	10	31	Silt	1,600	3,200	4,800	Loamy	420	820	1,240	0.26	
46	Hounokusa (farm pond)	Koriyamashi City	2013/6/11	Cloudy	0.7	10	72	Sand	470	990	1,460	Loamy	1,800	3,600	5,400	0.49	
			2013/6/24	Sunny	1.0	5	66	Clay/sand	31	61	92	Loamy	4,900	10,000	14,900	0.50	
47	Hatoriko Lake	Teneimura Village	2013/6/13	Cloudy	17.6	8	26	Silt	710	1,500	2,210	Loamy	300	620	920	0.16	
48	Hirodaira (farm pond)	Sukagawashi City	2013/6/12	Cloudy	1.0	10	56	Clay/silt	30	58	88	Loamy	390	730	1,120	0.17	
			2013/6/26	Cloudy	0.5	5	66	Clay	19	56	75	Loamy	460	980	1,440	0.17	
49	Sengosawa Dam Reservoir	Ishikawamachi Town	2013/6/12	Cloudy	12.6	10	31	Silt	540	1,200	1,740	Loamy	360	810	1,170	0.19	
50	Watarike Pond (farm pond)	Yabukimachi Town	2013/6/12	Cloudy	0.8	10	60	Clay/sand	27	48	75	Loamy	170	390	560	0.15	
			2013/6/25	Sunny	0.5	5	65	Clay	28	71	99	Loamy	180	340	520	0.14	
51	Izumikawa River (farm pond)	Shirakawashi City	2013/6/13	Cloudy	0.7	10	55	Silt/sand	1,000	2,200	3,200	Loamy	2,300	4,700	7,000	0.48	
			2013/6/25	Sunny	0.3	5	67	Sand/clay	570	1,200	1,770	Loamy	3,900	8,300	12,200	0.57	
52	Hokkawa Dam	Nishigomura Village	2013/6/14	Cloudy	24.8	10	27	Silt	1,100	2,300	3,400	Loamy	330	710	1,040	0.44	
53	Nanko Lake	Shirakawashi City	2013/6/13	Cloudy	1.6	10	14	Silt	2,700	5,900	8,600	Loamy	880	1,800	2,680	0.46	
			2013/6/25	Cloudy	1.4	5	14	Sand	2,100	4,700	6,800	Loamy	720	1,400	2,120	0.38	

* Samples for surrounding environment (soil) were generally collected from 5 points in 3m square in the river terrace, etc., and mixed. Depending on the site situation, factors, such as the area of sampling may be much smaller, may cause figures to vary significantly.

* Sampling points are listed from north to south.

* AAir dose was measured with a survey meter, TCS-172B of Hitachi-Aloka Medical, Ltd.

○Lake and Headwater (Aizu Area): Water Quality Monitoring Results

Sampling point			Sampling date	Weather	Full depth (m)	General items					Radioactive material concentrations (Bq/L)		Remarks		
No.	Point	Municipality				Sampling depth (m)	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity	Radioactive cesium				
											Cs-134	Cs-137			
54	Nicchu Dam	Kitakatashi City	2013/5/20	Cloudy	46.5	0.5	3.5	420	<1	1	<1	<1			
						45.5							14	<1	2
			2013/6/17	Sunny	46.5	0.5	3.5	7	<1	1	<1	<1	<1	<1	
						45.5									7
55	Soharako Lake	Kitashibaramura Village	2013/5/23	Sunny	5.5	0.5	4.5	3	<1	4	<1	<1			
						4.5							3	<1	1
			2013/6/20	Sunny	6.0	0.2	4.4	3	<1	1	<1	<1	<1	<1	
						5.0									3
56	Hibarako Lake	Kitashibaramura Village	2013/5/24	Sunny	24.8	0.0	9.0	5	<1	1	<1	<1			
						23.8							5	1	1
			2013/6/25	Sunny	24.0	0.2	5.0	6	2	1	<1	<1	<1	<1	
						23.0									5
57	Onogawako Lake	Kitashibaramura Village	2013/5/24	Sunny	13.3	0.0	8.0	4	<1	0	<1	<1			
						12.2							4	<1	1
			2013/6/20	Cloudy	13.7	0.2	4.5	5	2	1	<1	<1	<1	<1	
						12.7									4
58	Akimotoko Lake	Inawashiro-machi Town	2013/5/23	Sunny	32.0	0.5	4.0	4	<1	1	<1	<1			
						31.0							5	4	6
			2013/6/25	Sunny	31.0	0.2	4.0	4	1	1	<1	<1	<1	<1	
						30.0									5
59	Bishamonnuma Lake	Kitashibaramura Village	2013/5/23	Sunny	7.2	0.5	5.0	66	<1	2	<1	<1			
						6.2							66	<1	1
			2013/6/20	Cloudy	8.7	0.2	5.5	57	<1	1	<1	<1	<1	<1	
						7.7									58
60	Oguninumma Lake	Kitashibaramura Village	2013/6/27	Cloudy	3.6	0.2	0.6	2	6	7	<1	<1			
						2.6							2	6	7
61	Aizu (farm pond)	Onuma Lake	Nishiazumachi Town	2013/5/20	Cloudy	0.5	>0.5	5	3	3	<1	<1			
						-							-	-	-
				2013/6/17	Sunny	0.8	0.0	0.5	3	4	5	<1	<1	<1	<1
							-								
62	Center of the lake	Aizuwakamatsushi City	2013/5/25	Sunny	96.8	0.5	10.5	11	<1	1	<1	<1			
						95.8							11	<1	0
			2013/6/18	Cloudy	96.0	0.2	11.5	11	<1	0	<1	<1	<1	<1	
						95.0									12
63	Takahashigawa River Estuary	Inawashiro-machi Town	2013/5/25	Sunny	1.8	0.0	>1.8	12	1	1	<1	<1			
						-							-	-	-
			2013/6/18	Cloudy	1.6	0.2	>1.6	12	<1	1	<1	<1	<1	<1	
						-									-
64	Ogurogawa River Estuary	Inawashiro-machi Town	2013/5/25	Sunny	1.0	0.0	>1.0	11	<1	0	<1	<1			
						-							-	-	-
			2013/6/18	Cloudy	0.6	0.2	>0.6	12	<1	1	<1	<1	<1	<1	
						-									-
65	Tenjinhama Beach	Inawashiro-machi Town	2013/5/25	Sunny	1.9	0.0	>1.9	12	<1	1	<1	<1			
						-							-	-	-
			2013/6/18	Cloudy	1.8	0.2	>1.8	12	<1	1	<1	<1	<1	<1	
						-									-
66	Hishinmagawa River Estuary	Inawashiro-machi Town	2013/5/25	Sunny	1.8	0.0	>1.8	12	1	2	<1	<1			
						-							-	-	-
			2013/6/18	Cloudy	3.0	0.2	>3.0	12	<1	1	<1	<1	<1	<1	
						-									-
67	Intake of Asakosou	Inawashiro-machi Town	2013/5/25	Sunny	4.0	0.5	>4.0	11	<1	1	<1	<1			
						3.0							11	<1	0
			2013/6/18	Cloudy	3.0	0.2	>3.0	11	<1	0	<1	<1	<1	<1	
						2.0									11
68	Hamajihama Beach	Koriyamashi City	2013/5/25	Sunny	4.4	0.5	>4.4	11	<1	0	<1	<1			
						3.4							11	<1	1
			2013/6/18	Cloudy	5.0	0.2	>5.0	11	<1	1	<1	<1	<1	<1	
						4.0									11
69	Funatsu Port	Koriyamashi City	2013/5/25	Sunny	5.7	0.5	>5.7	11	<1	1	<1	<1			
						4.7							12	<1	1
			2013/6/18	Cloudy	5.0	0.2	>5.0	12	<1	0	<1	<1	<1	<1	
						4.0									11

○Lake and Headwater (Aizu Area): Water Quality Monitoring Results

Sampling point				Sampling date	Weather	Full depth (m)	General items					Radioactive material concentrations (Bq/L)		Remarks
No.	Point		Municipality				Sampling depth (m)	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity	Radioactive cesium		
												Cs-134	Cs-137	
70	Offshore of Funatsugawa River Estuary	Koriyamashi City	Surface layer	2013/5/25	Sunny	2.8	0.5	>2.8	11	<1	1	<1	<1	
			Lower layer				1.8		12	<1	1	<1	<1	
			Surface layer	2013/6/18	Cloudy	3.0	0.2	>3.0	11	<1	1	<1	<1	
			Lower layer				2.0		11	<1	1	<1	<1	
71	Seishogahama Beach	Koriyamashi City	Surface layer	2013/5/25	Sunny	7.4	0.5	>7.4	12	<1	0	<1	<1	
			Lower layer				6.4		12	<1	1	<1	<1	
			Surface layer	2013/6/18	Cloudy	6.5	0.2	>6.5	12	<1	0	<1	<1	
			Lower layer				5.5		11	1	1	<1	<1	
72	Haragawa River Estuary	Aizuwakamatsushi City	Surface layer	2013/5/25	Sunny	17.2	0.5	9.0	11	<1	0	<1	<1	
			Lower layer				16.2		11	<1	1	<1	<1	
			Surface layer	2013/6/18	Cloudy	9.0	0.2	>9.0	11	<1	1	<1	<1	
			Lower layer				8.0		11	<1	1	<1	<1	
73	Koishigahama Floodgate	Inawashiro-machi Town/ Aizuwakamatsushi	Surface layer	2013/5/25	Sunny	5.1	0.5	>5.1	11	<1	0	<1	<1	
			Lower layer				4.1		12	<1	1	<1	<1	
		Inawashiro-machi Town	Surface layer	2013/6/18	Cloudy	4.8	0.2	>4.8	11	<1	0	<1	<1	
			Lower layer				3.8		11	<1	0	<1	<1	
74	Higashiyama Dam Reservoir	Aizuwakamatsushi City	Surface layer	2013/5/28	Sunny	36.9	0.5	3.0	4	<1	1	<1	<1	
			Lower layer				35.9		5	2	3	<1	<1	
			Surface layer	2013/6/26	Cloudy	32.1	0.2	2.5	4	1	2	<1	<1	
			Lower layer				31.1		5	<1	1	<1	<1	
75	Center of the lake	Kaneyamamachi Town	Surface layer	2013/5/19	Sunny	92.5	0.5	7.0	5	<1	1	<1	<1	
			Lower layer				91.5		5	<1	0	<1	<1	
			Surface layer	2013/6/12	Sunny	92.0	0.2	9.6	5	<1	0	<1	<1	
			Lower layer				91.0		5	<1	0	<1	<1	
76	Midpoint between the center of the lake and off the estuary (at the depth of 30 m)	Kaneyamamachi Town	Surface layer	2013/5/19	Sunny	29.9	0.5	7.0	5	<1	1	<1	<1	
			Lower layer				28.9		6	<1	1	<1	<1	
			Surface layer	2013/6/12	Sunny	30.0	0.5	9.6	5	<1	0	<1	<1	New sampling point
			Lower layer				29.0		6	<1	1	<1	<1	
77	Offshore of Maenosagawa River Estuary	Kaneyamamachi Town	Surface layer	2013/5/19	Cloudy	6.5	0.5	>6.0	5	<1	1	<1	<1	
			Lower layer				5.5		5	<1	1	<1	<1	
			Surface layer	2013/6/12	Sunny	6.5	0.5	6.5	5	<1	0	<1	<1	New sampling point
			Lower layer				5.5		5	<1	1	<1	<1	
78	Aizu (farm pond)	Terairi	Surface layer	2013/5/23	Sunny	1.3	0.0	>1.3	4	3	2	<1	<1	
			Lower layer				-		-	-	-	-	-	Collected only from the surface layer due to shallow water
			Surface layer	2013/6/20	Cloudy	1.3	0.0	>1.3	5	1	1	<1	<1	
			Lower layer				-		-	-	-	-	-	Collected only from the surface layer due to shallow water
79	Okawa Dam Reservoir	Aizuwakamatsushi City	Surface layer	2013/5/22	Sunny	18.0	0.5	4.1	6	1	2	<1	<1	
			Lower layer				17.0		6	3	2	<1	<1	
			Surface layer	2013/6/19	Cloudy	10.3	0.5	3.5	8	1	2	<1	<1	
			Lower layer				9.3		7	2	2	<1	<1	
80	Tagokura Reservoir	Tadamimachi Town	Surface layer	2013/5/21	Sunny	100.0	0.5	4.5	4	2	2	<1	<1	
			Lower layer				90.0		4	1	2	<1	<1	
			Surface layer	2013/6/18	Light rain	98.0	0.5	4.5	3	<1	1	<1	<1	
			Lower layer				97.0		4	<1	1	<1	<1	
81	Minamiaizu (farm pond)	Fukui	Surface layer	2013/5/21	Sunny	1.0	0.0	>1.0	2	2	2	<1	<1	
			Lower layer				-		-	-	-	-	-	Collected only from the surface layer due to shallow water
			Surface layer	2013/6/18	Light rain	1.1	0.0	1.0	3	1	1	<1	<1	
			Lower layer				-		-	-	-	-	-	Collected only from the surface layer due to shallow water
82	Tajima Dam Reservoir (Funehanako Lake)	Minamiaizumachi Town	Surface layer	2013/5/22	Sunny	15.5	0.5	4.0	2	1	1	<1	<1	
			Lower layer				14.5		2	1	2	<1	<1	
			Surface layer	2013/6/19	Cloudy	18.0	0.5	4.6	4	<1	1	<1	<1	
			Lower layer				17.0		3	3	3	<1	<1	
83	Okutadami Reservoir	Tadamimachi Town	Surface layer	2013/6/12	Sunny	25.2	0.5	5.2	3	<1	1	<1	<1	
			Lower layer				24.2		2	4	1	<1	<1	
84	Ozenuma Lake	Hinoematamura Village	Surface layer	2013/6/26	Cloudy	7.5	0.5	4.0	3	<1	1	<1	<1	
			Lower layer				6.5		3	1	2	<1	<1	

* Sampling points are listed from north to south.

○Sea Area: Water Quality Monitoring Results

Sampling point			Sampling date	Weather	Full depth (m)	General items					Radioactive material concentrations (Bq/L)		Remarks	
No.	Water body					Water temperature (°C)	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 Taurushihama Fishing Port	Surface layer	20.0	0.5	4.0	29	<1	1.2	<1	<1			
			Lower layer										17.0	10.8
2	Matsukawaura sea area	Around center of Fishing Right Area-1	Surface layer	19.6	0.5	>1.6	29	2	1.7	<1	<1			
			Lower layer										19.5	0.6
3	Neighboring sea area of Soso	Approx. 2,000 m offshore of Manogawa River	Surface layer	19.2	0.5	6.5	29	1	1.1	<1	<1			
			Lower layer										11.0	18.1
4	Neighboring sea area of Haramachi City	Approx. 1,000 m offshore of Niidagawa River	Surface layer	19.6	0.5	4.6	29	1	2.6	<1	<1			
			Lower layer										17.2	7.5
5	Neighboring sea area of Haramachi City	Approx. 1,000 m offshore of Otogawa River	Surface layer	19.6	0.5	5.0	29	<1	0.8	<1	<1			
			Lower layer										14.1	9.7
6	Neighboring sea area of Soso District	Approx. 1,000 m offshore of Odakagawa River	Surface layer	17.3	0.5	4.9	30	<1	0.6	<1	<1			
			Lower layer										14.1	9.7
7	Neighboring sea area of Soso District	Approx. 2,000 m offshore of Ukedogawa River	Surface layer	17.6	0.5	6.9	30	<1	0.7	<1	<1	New sampling point		
			Lower layer										12.5	16.1
8	Neighboring sea area of Soso District	Approx. 1,000 m offshore of Kumagawa River	Surface layer	17.1	0.5	5.1	30	1	1.0	<1	<1	New sampling point		
			Lower layer										13.3	10.4
9	Neighboring sea area of Soso District	Approx. 1,000 m offshore of Tomiokagawa River	Surface layer	16.1	0.5	5.0	30	2	1.2	<1	<1	New sampling point		
			Lower layer										12.9	8.5
10	Neighboring sea area of Narahamachi Town	Approx. 1,000 m offshore of Kidogawa River	Surface layer	14.2	0.5	>9.4	32	<1	0.3	<1	<1			
			Lower layer										13.7	8.4
11	Approx. 1,000 m offshore of Asamigawa River estuary	Approx. 1,000 m offshore of Asamigawa River estuary	Surface layer	14.5	0.5	5.5	31	2	1.0	<1	<1			
			Lower layer										13.2	9.0
12	Approx. 1,000 m offshore of Ohisagawa River Estuary	Approx. 1,000 m offshore of Ohisagawa River Estuary	Surface layer	13.2	0.5	7.5	31	2	0.7	<1	<1			
			Lower layer										12.5	9.4
13	Neighboring sea area of Iwakishi City	Approx. 1,500 m offshore of Natsugawa River	Surface layer	13.1	0.5	8.2	31	<1	0.5	<1	<1			
			Lower layer										10.8	16.0
14	Onahama Port	Approx. 400 m north of Nishibouhatei No. 2	Surface layer	16.8	0.5	3.8	27	2	1.9	<1	<1			
			Lower layer										11.1	14.5
15	Joban coastal sea area	Approx. 1,000 m offshore of Bindagawa River	Surface layer	16.3	0.5	7.2	31	1	2.8	<1	<1			
			Lower layer										12.0	16.5

○Sea Area: Sediment Monitoring Results

No.	Water body		Sampling date	Weather	Full depth (m)	General items			Radioactive material concentrations (Bq/kg (dried m			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 Taurushihama Fishing Port	2013/6/19	Cloudy	11.8	10	79.3	Sand	<10	28	28	
2	Matsukawaura sea area	Around center of Fishing Right Area-1	2013/6/19	Cloudy	1.6	10	80.6	Sand	<10	26	26	
3	Neighboring sea area of Soso	Approx. 2,000 m offshore of Manogawa River	2013/6/20	Cloudy	19.1	10	75.6	Sand	<10	15	15	
4	Neighboring sea area of Haramachi City	Approx. 1,000 m offshore of Niidagawa River	2013/6/20	Cloudy	7.6	10	76.6	Sand	18	33	51	
5	Neighboring sea area of Haramachi City	Approx. 1,000 m offshore of Otogawa River	2013/6/19	Cloudy	10.7	10	75.6	Sand	17	30	47	
6	Neighboring sea area of Haramachi City	Approx. 1,000 m offshore of Odakagawa River	2013/6/24	Sunny	10.7	10	78.7	Sand	13	25	38	
7	Neighboring sea area of Soso District	Approx. 2,000 m offshore of Ukedogawa River	2013/6/25	Cloudy	17.1	10	70.5	Sand/silt	64	150	214	New sampling point
8	Neighboring sea area of Soso District	Approx. 1,000 m offshore of Kumagawa River	2013/6/26	Cloudy	11.4	10	76.2	Sand	200	420	620	New sampling point
9	Neighboring sea area of Soso District	Approx. 1,000 m offshore of Tomiokagawa River	2013/6/26	Cloudy	9.5	10	74.7	Sand/silt	170	350	520	New sampling point
10	Neighboring sea area of Narahamachi Town	Approx. 1,000 m offshore of Kidogawa River	2013/6/6	Cloudy	10.3	10	76.8	Sand	95	200	295	
11	Approx. 1,000 m offshore of Asamigawa River estuary	Approx. 1,000 m offshore of Asamigawa River estuary	2013/6/6	Cloudy	10.0	10	78.1	Sand	110	210	320	
12	Approx. 1,000 m offshore of Ohisagawa River Estuary	Approx. 1,000 m offshore of Ohisagawa River Estuary	2013/6/6	Sunny	10.4	10	78.5	Sand	49	100	149	
13	Neighboring sea area of Iwakishi City	Approx. 1,500 m offshore of Natsugawa River	2013/6/7	Cloudy	17.0	10	73.2	Sand	21	34	55	
14	Onahama Port	Approx. 400 m north of Nishibouhatei No. 2	2013/6/7	Cloudy	15.5	10	52.6	Silt/sand	180	400	580	
15	Joban coastal sea area	Approx. 1,000 m offshore of Bindagawa River	2013/6/7	Cloudy	17.5	10	74.7	Sand	32	80	112	

* Sampling points are listed from north to south.



