

National Radioactive Material Monitoring in the Water Environment in the Whole of
Japan (2014)

List of Results (Final Report)

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Results of Measurement in Public Water Areas (Water)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items					Water					Remarks																
			Water area	Location	Municipality				Sampling depth (m)	Transparency (River) (cm)	Secchi disk depth (Lake) (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Detected γ-ray emitting radionuclides			Total β radioactivity																	
															Radionuclides	Measured value (Bq/L)	Lower detection limit (Bq/L)	Measured value (Bq/L)		Lower detection limit (Bq/L)															
1	Hokkaido Prefecture	Rivers	Ishikari River	Clean water intake at Ishikari River in Asahikawa City	Asahikawa City	2014/9/1	Sunny	1.7	0.1	>100	-	9.5	2	2	-	-	-	ND	0.025	-															
2				Intake at the Shirakawa water purification plant in Sapporo City	Sapporo City	2014/10/24	Sunny	1.7	0.0	73	-	17.3	1	3	Bi-214	0.0023	0.0018	ND	0.026	-															
														K-40	0.067	0.027																			
3			Teshio River	Nakashibetsu Bridge (Intake at the Higashiyama water purification plant in Shibetsu City)	Shibetsu City	2014/9/1	Sunny	1.0	0.1	59	-	8.6	6	7	-	-	-	ND	0.025	-															
4			Tokoro River	Tadashi Bridge	Kitami City	2014/8/29	Sunny	1.2	0.1	54	-	16.1	13	5	Bi-212	0.022	0.021	0.041	0.025	-															
														K-40	0.084	0.049																			
5			Kushiro River	Intake at the Aikoku water purification plant in Kushiro City	Kushiro City	2014/8/28	Sunny	1.9	0.1	64	-	18.1	22	6	K-40	0.052	0.051	0.027	0.025	-															
6			Tokachi River	Nantai Bridge	Obihiro City	2014/8/28	Sunny	1.3	0.1	90	-	5.8	2	1	K-40	0.058	0.034	ND	0.025	-															
7			Sarugawa River	Sarugawa Bridge (Tomigawa)	Hidaka Town	2014/9/2	Sunny	0.8	0.1	56	-	14.5	7	14	-	-	-	ND	0.025	-															
8	Matsukura River	Mitsumoribashi Bridge (Before the confluence with Torasawa River)	Hakodate City	2014/8/26	Cloudy	0.4	0.1	>100	-	10.3	5	2	-	-	-	ND	0.025	-																	
9	Shiribeshi-toshibetsu River	Intake at the Kitahiyama simple water plant in Kitahiyama Town	Setana Town	2014/8/26	Sunny	0.4	0.1	>100	-	9.3	3	2	K-40	0.040	0.040	ND	0.025	-																	
10	Aomori Prefecture	Rivers	Iwaki River	Tsugaru-ohashi Bridge	Nakadomari Town	2014/9/8	Sunny	3.7	0.1	25	-	15.9	7	12	K-40	0.066	0.027	0.033	0.020	-															
															Pb-214	0.0019	0.0019																		
11	Mabechi River	Shiruchi Bridge	Hachinohe City	2014/9/9	Sunny	1.6	0.1	60	-	14.7	1	4	K-40	0.055	0.043	0.032	0.020	-																	
12	Mabechi River	Fugane Bridge	Ninohe City	2014/9/15	Sunny	0.9	0.1	52	-	11.5	5	2	K-40	0.048	0.032	ND	0.020	-																	
13	Iwate Prefecture	Rivers	Heigawa River	Miyako Bridge	Miyako City	2014/9/10	Cloudy	1.8	0.1	87	-	182	<1	<1	K-40	0.23	0.036	0.11	0.020	-															
14	Miyagi Prefecture	Rivers	Kitakami River	Chitose Bridge	Ichinoseki City	2014/9/16	Cloudy	1.2	0.1	78	-	12.9	1	3	K-40	0.046	0.025	0.025	0.020	-															
15	Abukuma River	Iwanuma (Abukuma Bridge)	Iwanuma City	2014/9/17	Cloudy	0.8	0.1	44	-	16.3	6	6	5	K-40	0.059	0.028	0.097	0.020	-																
16	Natori River	Yuriage-ohashi Bridge	Natori City	2014/9/1	Cloudy	1.0	0.1	44	-	101	24	19	K-40	0.17	0.039	0.065	0.020	-																	
17	Yoneshiro River	Noshiro Bridge	Noshiro City	2014/9/7	Cloudy	4.1	0.1	80	-	11.1	1	1	-	-	-	0.032	0.020	-																	
18													Omono River	Kurose Bridge	Akita City	2014/9/4	Cloudy	1.8	0.1	>100	-	11.5	2	2	K-40	0.047	0.030	0.022	0.020	-					

Results of Measurement in Public Water Areas (Water)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items						Water					Remarks			
			Water area	Location	Municipality				Sampling depth (m)	Transparency (River) (cm)	Secchi disk depth (Lake) (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Detected γ -ray emitting radionuclides			Total β radioactivity					
															Radionuclides	Measured value (Bq/L)	Lower detection limit (Bq/L)	Measured value (Bq/L)	Lower detection limit (Bq/L)				
19	Yamagata Prefecture	Rivers	Mogami River	Ryou Bridge	Sakata City	2014/9/2	Sunny	2.3	0.1	58	-	45.0	7	4	K-40	0.11	0.031	0.067	0.020	-			
20			Akagawa River	Shinkawa Bridge		2014/9/2	Sunny	0.3	0.1	87	-	12.1	2	3	Cs-137	0.0016	0.0013				Ac-228	0.0037	0.0036
21	Fukushima Prefecture	Rivers	Agano River	Shingo Dam	Kitakata City	2014/9/12	Sunny	8.5	0.1	77	-	8.0	1	<1	Cs-134	0.0017	0.00098	0.030	0.020	-			
22			Abukuma River	Taisho Bridge (Fushiguro)	Date City	2014/9/17	Sunny	1.8	0.1	50	-	16.7	6	4	Cs-137	0.0075	0.00091				0.045	0.020	-
23			Kujigawa River	Takachihara Bridge	Yamatsuri Town	2014/9/18	Sunny	2.7	0.1	82	-	8.7	4	2	K-40	0.035	0.024	0.031	0.020	-			
													Cs-137	0.0027	0.00095								
24	Ibaraki Prefecture	Lake	Lake Kasumigaura	Center (Surface layer)	Miho Village	2014/9/4	Sunny	6.1	0.1	33	36	27.8	13	23	K-40	0.14	0.018	0.099	0.019	-			
				Center (Lower layer)					5.1	32					27.7	13	21				K-40	0.17	0.018
															Cs-134	0.012	0.0010						
															Cs-137	0.035	0.00082						
25	Tochigi Prefecture	Rivers	Kokai River	Fumimaki Bridge	Toride City	2014/9/10	Cloudy	1.9	0.1	31	-	16.3	46	17	K-40	0.093	0.027	0.073	0.019	-			
															Pb-210	0.083	0.072						
																Cs-134	0.0041	0.0013					
26	Tochigi Prefecture	Rivers	Nakagawa River	Shinnaka Bridge	Nakagawa Town	2014/9/8	Cloudy	1.6	0.1	>100	-	13.7	2	2	Cs-137	0.012	0.0013	0.025	0.023	-			
															K-40	0.055	0.027						
																Cs-134	0.0025	0.0013					
27	Gunma Prefecture	Rivers	Kinugawa River	Kinugawa Bridge (Hoshakuji Temple)	Utsunomiya City	2014/9/9	Sunny	1.8	0.1	>100	-	9.4	2	1	Cs-137	0.0086	0.0012	ND	0.023	-			
															K-40	0.023	0.019						
																Cs-134	0.0013	0.00091					
28	Gunma Prefecture	Rivers	Tonegawa River	Tone-ozeki Weir	Chiyoda Town	2014/8/25	Cloudy	0.5	0.1	50	-	21.6	7	4	Cs-137	0.0052	0.00080	0.068	0.023	-			
															K-40	0.097	0.029						
																Cs-134	0.0015	0.0015					
29	Saitama Prefecture	Rivers	Watarase River	Watarase-ohashi Bridge	Tatebayashi City	2014/8/25	Rain	2.5	0.1	>100	-	16.9	1	<1	Pb-210	0.071	0.058	0.035	0.023	-			
															Cs-137	0.0025	0.0012						
																K-40	0.046	0.025					
30	Saitama Prefecture	Rivers	Arakawa River	Kugebashi Bridge	Kumagaya City	2014/8/28	Cloudy	0.4	0.1	>100	-	19.8	2	1	Cs-134	0.0016	0.0012	0.070	0.023	-			
															K-40	0.071	0.025						
																Cs-137	0.0046	0.0011					

Results of Measurement in Public Water Areas (Water)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items						Water					Remarks
			Water area	Location	Municipality				Sampling depth (m)	Transparency (River) (cm)	Secchi disk depth (Lake) (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Detected γ -ray emitting radionuclides			Total β radioactivity		
															Radionuclides	Measured value (Bq/L)	Lower detection limit (Bq/L)	Measured value (Bq/L)	Lower detection limit (Bq/L)	
32	Saitama Prefecture	Rivers	Edogawa River	Nagareyama Bridge	Nagareyama City (Chiba Prefecture) / Misato City	2014/8/27	Cloudy	0.6	0.1	51	-	22.4	32	9	K-40	0.085	0.024	0.052	0.023	-
															Cs-134	0.0034	0.0013			
															Cs-137	0.011	0.0011			
33	Chiba Prefecture	Rivers	Tonegawa River	Kakozeki Weir	Tonosho Town	2014/9/1	Cloudy	1.2	0.1	50	-	28.5	9	5	K-40	0.090	0.025	0.049	0.026	-
															Cs-134	0.0029	0.0013			
															Cs-137	0.0095	0.0011			
34	Chiba Prefecture	Lake	Lake Inbanuma	Lower area of Josuido water intake (Surface layer)	Sakura City	2014/9/2	Sunny	1.5	0.1	19	23	27.0	21	31	K-40	0.11	0.029	0.091	0.026	-
Cs-134															0.018	0.0014				
Cs-137															0.052	0.0013				
35	Tokyo Metropolis	Rivers	Arakawa River	Kasai Bridge	Koto City / Edogawa City	2014/8/26	Cloudy	1.4	0.1	36	-	777	21	11	K-40	1.2	0.081	0.90	0.13	The container size was changed as there was a large amount of evaporation residue due to the influence of seawater.
															Pb-214	0.0076	0.0070			
															Cs-137	0.015	0.0039			
36	Tokyo Metropolis	Rivers	Edogawa River	Shinkatsushika Bridge	Katsushika City	2014/8/27	Cloudy	0.5	0.1	44	-	24.7	28	14	K-40	0.14	0.029	0.055	0.026	-
															Cs-134	0.0063	0.0016			
															Cs-137	0.020	0.0013			
37	Tokyo Metropolis	Rivers	Tamagawa River	Hajima raw water supply point	Akishima City	2014/9/6	Sunny	1.1	0.1	>100	-	9.5	<1	<1	K-40	0.029	0.020	ND	0.026	-
Cs-134															0.0031	0.0027				
Cs-137															0.010	0.0035				
38	Tokyo Metropolis	Rivers	Sumida River	Ryogoku Bridge	Chuo City / Sumida City	2014/8/25	Rain	2.5	0.1	55	-	474	8	9	K-40	0.97	0.092	0.89	0.13	The container size was changed as there was a large amount of evaporation residue due to the influence of seawater.
															Cs-134	0.0031	0.0027			
															Cs-137	0.010	0.0035			
39	Tokyo Metropolis	Rivers	Arakawa River	Kasai Bridge	Koto City / Edogawa City	2014/8/26	Cloudy	1.4	0.1	36	-	777	21	11	K-40	1.2	0.081	0.90	0.13	The container size was changed as there was a large amount of evaporation residue due to the influence of seawater.
															Pb-214	0.0076	0.0070			
															Cs-137	0.015	0.0039			
40	Kanagawa Prefecture	Rivers	Tsurumi River	Rinko Tsurumi Bridge	Yokohama City	2014/9/16	Sunny	6.5	0.1	>100	-	817	2	3	K-40	1.4	0.080	1.1	0.13	The container size was changed as there was a large amount of evaporation residue due to the influence of seawater.
															Cs-137	0.0081	0.0039			
															Cs-134	0.0077	0.0012			
41	Kanagawa Prefecture	Rivers	Sagami River	Banyu Bridge	Hiratsuka City	2014/9/17	Cloudy	2.5	0.1	>100	-	411	1	3	K-40	0.75	0.091	0.58	0.13	The container size was changed as there was a large amount of evaporation residue due to the influence of seawater.
															Cs-134	0.0077	0.0012			
															Cs-137	0.023	0.0012			
42	Kanagawa Prefecture	Rivers	Sakawa River	Sakawa Bridge	Odawara City	2014/9/17	Cloudy	0.7	0.1	>100	-	16.1	2	2	K-40	0.052	0.033	0.030	0.026	-
Cs-137															0.0023	0.0012				
Cs-134															0.0077	0.0012				
43	Niigata Prefecture	Rivers	Shinano River	Heisei-ohashi Bridge	Niigata City	2014/8/27	Cloudy	4.2	0.1	39	-	11.2	14	6	K-40	0.071	0.030	ND	0.026	-
Cs-134															0.0077	0.0012				
Cs-137															0.023	0.0012				
44	Niigata Prefecture	Rivers	Agano River	Oun Bridge	Niigata City	2014/8/27	Rain	2.5	0.1	36	-	7.1	21	5	K-40	0.054	0.029	ND	0.026	-
															Cs-134	0.0077	0.0012			
															Cs-137	0.023	0.0012			

Results of Measurement in Public Water Areas (Water)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items					Water					Remarks	
			Water area	Location	Municipality				Sampling depth (m)	Transparency (River) (cm)	Secchi disk depth (Lake) (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Detected γ-ray emitting radionuclides			Total β radioactivity		
															Radionuclides	Measured value (Bq/L)	Lower detection limit (Bq/L)	Measured value (Bq/L)		Lower detection limit (Bq/L)
50	Yamanashi Prefecture		Sagami River	Katsuragawa Bridge	Uenohara City	2014/9/18	Cloudy	2.9	0.1	>100	-	13.5	<1	<1	K-40	0.042	0.030	ND	0.026	-
51			Fujikawa River	Manbu Bridge	Nanbu Town	2014/9/11	Cloudy	0.5	0.1	65	-	20.9	2	8	K-40	0.067	0.041	0.032	0.026	-
57	Shizuoka Prefecture		Karino River	Karino River Kurose Bridge	Numazu City	2014/9/12	Sunny	1.0	0.1	>100	-	16.6	4	1	K-40	0.052	0.042	ND	0.026	-
58			Oigawa River	Oigawa River Fujimi Bridge	Yaizu City /Yoshida	2014/9/16	Sunny	2.9	0.1	>100	-	17.5	1	2	K-40	0.052	0.025			
59			Tenryu River	Tenryu River Kaketsuka Bridge	Iwata City /Hamamatsu	2014/9/10	Sunny	3.3	0.1	69	-	11.1	4	6	K-40	0.049	0.029	ND	0.026	-
45	Toyama Prefecture		Jinzu River	Hagiura Bridge	Toyama City	2014/9/7	Sunny	5.1	0.1	68	-	53.2	2	5	Bi-214	0.0021	0.0020	0.047	0.027	-
														K-40	0.12	0.031				
46	Ishikawa Prefecture		Saigawa River	Okuwa Bridge	Kanazawa City	2014/9/10	Sunny	0.8	0.1	>100	-	42.0	3	5	Bi-214	0.0025	0.0015	ND	0.027	-
47			Tedori River	Hakusangouchi dike	Hakusan City	2014/9/9	Sunny	1.3	0.1	58	-	14.3	4	5	K-40	0.036	0.029			
48	Fukui Prefecture		Kuzuryu River	Fuseda Bridge	Fukui City	2014/9/12	Sunny	1.1	0.1	86	-	98.5	2	3	K-40	0.21	0.023	0.064	0.027	-
49			Kitagawa River	Takatsuka Bridge	Obama City	2014/9/16	Sunny	0.5	0.1	>100	-	10.3	2	1	K-40	0.050	0.015	ND	0.027	-
52	Nagano Prefecture	Rivers	Shinano River	Ozeki Bridge	Iiyama City	2014/9/17	Cloudy	0.4	0.1	>100	-	19.0	2	3	Bi-214	0.0022	0.0019	0.033	0.027	-
53			Saigawa River	Koichi Bridge	Nagano City	2014/9/18	Sunny	1.8	0.1	>100	-	12.8	2	4	K-40	0.042	0.032			
54			Tenryu River	Tsutsuji Bridge	Iida City	2014/9/19	Cloudy	0.7	0.1	>100	-	15.8	2	3	K-40	0.070	0.030	0.041	0.027	-
55	Gifu Prefecture		Kisogawa River	Tokai-ohashi Bridge (Naruto)	Kaizu City	2014/9/5	Cloudy	3.7	0.1	>100	-	7.1	1	1	Be-7	0.016	0.012	ND	0.027	-
56			Nagara River	Tokai-ohashi Bridge	Kaizu City	2014/9/5	Cloudy	4.6	0.1	>100	-	11.4	<1	1	Be-7	0.025	0.014			
60	Aichi Prefecture		Shonai River	Miwakare Bridge	Nagoya City	2014/9/8	Sunny	0.3	0.1	70	-	26.5	5	3	Bi-214	0.0022	0.0019	0.071	0.030	-
61			Yahagi River	Iwazutenjin Bridge	Okazaki City/Tovota	2014/9/8	Cloudy	2.2	0.1	54	-	6.2	12	5	K-40	0.056	0.028			
62			Toyogawa River	Eshima Bridge	Toyokawa City	2014/9/9	Sunny	0.9	0.1	>100	-	7.7	1	<1	Bi-214	0.0024	0.0015	ND	0.027	-
														K-40	0.037	0.023				
63	Mie Prefecture		Suzuka River	Ogura Bridge	Yokkaichi City	2014/9/3	Cloudy	1.0	0.1	>100	-	10.1	1	1	K-40	0.10	0.025	0.067	0.027	-
64			Miyakawa River	Watarai Bridge	Ise City	2014/9/3	Cloudy	0.8	0.1	>100	-	8.2	<1	1	-	-	-	ND	0.027	-
65	Shiga Prefecture	Lake	Adogawa River	Joan Bridge	Takashima City	2014/9/4	Cloudy	1.6	0.1	>100	-	8.3	1	1	K-40	0.033	0.024	0.031	0.026	-
66			Lake Biwako	Karasakioki-Chuo (surface layer)	-	2014/9/3	Cloudy	4.0	0.1	>100	3.6	13.2	<1	<1	K-40	0.047	0.019	0.052	0.024	-
				Karasakioki-Chuo (bottom layer)	-		3.0	>100	3.6	12.8	<1	<1	K-40	0.052	0.019	0.039	0.025	-		

Results of Measurement in Public Water Areas (Water)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items					Water					Remarks	
			Water area	Location	Municipality				Sampling depth (m)	Transparency (River) (cm)	Secchi disk depth (Lake) (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Detected γ -ray emitting radionuclides			Total β radioactivity		
															Radionuclides	Measured value (Bq/L)	Lower detection limit (Bq/L)	Measured value (Bq/L)		Lower detection limit (Bq/L)
67	Kyoto Prefecture	Rivers	Yuragawa River	Yuragawa Bridge	Maizuru City	2014/9/17	Cloudy	4.0	0.1	>100	-	40.3	1	2	K-40	0.082	0.024	0.11	0.027	-
68			Katsura River	Before the confluence of three tributaries of Katsura River	Oyamazaki Town	2014/9/18	Sunny	1.1	0.1	>100	-	24.4	1	1	K-40	0.11	0.022	0.13	0.027	-
69	Osaka Prefecture	Rivers	Inagawa River	Gunko Bridge	Ijimi City (Hyogo Prefecture)	2014/9/11	Sunny	0.5	0.1	60	-	16.0	6	9	Be-7	0.057	0.014	0.084	0.026	-
70			Yodogawa River	Sugaharashirokita-ohashi Bridge	Osaka City	2014/9/12	Sunny	7.0	0.1	77	-	13.3	1	4	K-40	0.071	0.020			
71	Hyogo Prefecture	Rivers	Ishikawa River	Takahashi	Tondabayashi City	2014/9/16	Sunny	0.4	0.1	96	-	36.6	2	3	K-40	0.13	0.038	0.10	0.027	-
72			Kakogawa River	Kakogawa Bridge	Kakogawa City	2014/9/9	Sunny	1.3	0.1	79	-	12.3	5	4	K-40	0.071	0.023	0.051	0.027	-
73			Mukogawa River	Hyakkenbi	Takarazuka City	2014/9/10	Sunny	0.3	0.1	>100	-	21.7	2	3	K-40	0.14	0.031	0.10	0.026	-
74			Mariyama River	kaminogo Bridge	Toyooka City	2014/9/8	Sunny	0.8	0.1	>100	-	8.5	2	3	K-40	0.025	0.021	0.052	0.026	-
75	Nara Prefecture	Rivers	Yamato River	Fujii	Oji Town	2014/9/11	Sunny	1.1	0.1	52	-	24.0	3	7	Be-7	0.040	0.018	0.14	0.028	-
76			Kinokawa River	Kuramae Bridge	Gojo City	2014/9/10	Sunny	4.0	0.1	>100	-	11.5	<1	2	K-40	0.043	0.024			
77	Wakayama Prefecture	Rivers	Kinokawa River	Shinrokaizeki Weir	Wakayama City	2014/9/17	Sunny	2.3	0.1	72	-	16.1	5	5	K-40	0.072	0.028	0.059	0.025	-
78			Kumano River	Kumano-ohashi Bridge	Shingu City	2014/9/16	Sunny	3.1	0.1	25	-	81.2	9	1	K-40	0.34	0.050	0.25	0.037	-
79	Tottori Prefecture	Rivers	Sendai River	Gyotoku	Tottori City	2014/8/28	Cloudy	2.7	0.1	>100	-	4.2	3	<1	K-40	0.041	0.032	0.026	0.026	-
80	Shimane Prefecture	Rivers	Hiikawa River	Kandatsu Bridge	Izumo City	2014/8/29	Cloudy	0.9	0.1	94	-	10.0	4	2	-	-	-	0.046	0.024	-
81			Gonokawa River	Sakurae-ohashi Bridge	Gotsu City	2014/9/1	Cloudy	3.5	0.1	>100	-	7.6	1	2	K-40	0.041	0.029	0.057	0.026	-
82	Okayama Prefecture	Rivers	Asahi River	Otoite Weir	Okayama City	2014/8/30	Sunny	1.8	0.1	>100	-	9.0	3	1	Pb-214	0.0018	0.0017	0.041	0.026	-
83			Takahashi River	Kasumi Bridge	Kurashiki City	2014/8/30	Sunny	3.0	0.1	>100	-	13.0	5	3	K-40	0.034	0.025	0.046	0.027	-
84	Hiroshima Prefecture	Rivers	Ota River	Clean water intake in Hesaka	Hiroshima City	2014/9/2	Cloudy	1.5	0.1	90	-	8.6	3	2	K-40	0.040	0.030	0.040	0.025	-
85			Ashida River	Kominomi Bridge	Fukuyama City	2014/9/5	Sunny	0.9	0.1	64	-	19.5	4	3	K-40	0.11	0.025			
86	Yamaguchi Prefecture	Rivers	Nishiki River	Clean water intake for the city	Iwakuni City	2014/9/4	Rain	5.7	0.1	>100	-	8.8	<1	<1	K-40	0.041	0.020	ND	0.026	-
87			Kotogawa River	Suenobu Bridge	Ube City	2014/9/3	Cloudy	3.3	0.1	>100	-	18.2	1	2	K-40	0.033	0.032	ND	0.027	-
88	Tokushima Prefecture	Rivers	Yoshino River	Takase Bridge	Ishii Town	2014/9/16	Sunny	4.2	0.1	>100	-	12.0	<1	<1	K-40	0.027	0.020			
89			Nakagawa River	Nakagawa Bridge	Anan City	2014/9/17	Cloudy	2.4	0.1	>100	-	10.5	1	3	-	-	-	0.030	0.025	-

Results of Measurement in Public Water Areas (Water)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items						Water					Remarks
			Water area	Location	Municipality				Sampling depth (m)	Transparency (River) (cm)	Secchi disk depth (Lake) (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Detected γ -ray emitting radionuclides			Total β radioactivity		
															Radionuclides	Measured value (Bq/L)	Lower detection limit (Bq/L)	Measured value (Bq/L)	Lower detection limit (Bq/L)	
90	Kagawa Prefecture	Rivers	Dokigawa River	Marugame Bridge	Marugame City	2014/9/12	Sunny	0.4	0.1	>100	-	14.8	<1	1	K-40	0.086	0.025	0.069	0.026	-
91	Ehime Prefecture		Shigenobu River	Deai Bridge	Matsuyama City	2014/9/9	Sunny	0.3	0.1	>100	-	20.2	1	1	K-40	0.069	0.032	0.098	0.028	-
92			Hijikawa River	Hijikawa Bridge	Ozu City	2014/9/8	Sunny	0.7	0.1	93	-	13.8	3	2	K-40	0.050	0.021	ND	0.024	-
93	Kochi Prefecture		Kagami River	Kachuzeki Weir	Kochi City	2014/9/11	Sunny	1.9	0.1	>100	-	8.9	<1	3	-	-	-	ND	0.026	-
94			Niyodo River	Hatazaki Weir (1) Center of flow	Ino Town	2014/9/10	Sunny	0.9	0.1	>100	-	8.4	1	1	-	-	-	ND	0.026	-
95	Fukuoka Prefecture		Onga River	Hinode Bridge	Nogata City	2014/8/25	Cloudy	1.5	0.1	72	-	26.0	8	2	K-40	0.070	0.023	0.054	0.029	-
96			Nakagawa River	Shiobara Bridge	Fukuoka City	2014/8/30	Sunny	1.1	0.1	42	-	9.0	11	6	K-40	0.022	0.019	0.059	0.024	-
97			Chikugo River	Senoshita	Kurume City	2014/8/27	Cloudy	1.5	0.1	93	-	14.0	3	4	K-40	0.076	0.021	0.056	0.026	-
98	Saga Prefecture		Kasegawa River	Kasebashi Bridge	Saga City	2014/8/28	Rain	3.7	0.1	94	-	9.0	3	2	K-40	0.031	0.019	0.036	0.027	-
99	Nagasaki Prefecture		Honmyogawa River	In front of Tenma Park	Isahaya City	2014/8/29	Cloudy	1.3	0.1	>100	-	12.2	2	2	K-40	0.067	0.024	0.068	0.026	-
100			Uragami River	Ohashizeki Weir	Nagasaki City	2014/9/1	Cloudy	0.7	0.1	>100	-	20.0	4	3	K-40	0.065	0.026	0.035	0.025	-
101	Kumamoto Prefecture	Kikuchi River	Shiroishi	Nagomi Town	2014/9/2	Cloudy	7.7	0.1	73	-	16.1	2	4	Bi-214	0.0037	0.0035	0.077	0.027	-	
102		Midori River	Uesugizeki Weir	Kumamoto City	2014/9/3	Cloudy	1.2	0.1	70	-	13.0	3	4	K-40	0.091	0.040				
103	Oita Prefecture	Oita River	Funaichi-obashi Bridge	Oita City	2014/9/12	Sunny	1.0	0.1	>100	-	18.0	3	2	K-40	0.10	0.029	0.12	0.028	-	
104		Ono River	Shirataki Bridge	Oita City	2014/9/11	Sunny	1.5	0.1	87	-	15.3	3	3	K-40	0.095	0.029	0.092	0.026	-	
105	Miyazaki Prefecture	Gokase River	Miwa	Nobeoka City	2014/9/10	Sunny	2.0	0.1	>100	-	9.2	<1	1	K-40	0.026	0.021	0.053	0.026	-	
106		Oyodo River	Aioi Bridge	Miyazaki City	2014/9/9	Sunny	2.7	0.1	81	-	16.0	4	3	K-40	0.091	0.029	0.13	0.026	-	
107	Kagoshima Prefecture	Kotsuki River	Iwasaki Bridge	Kagoshima City	2014/9/7	Sunny	0.7	0.1	>100	-	15.9	2	2	K-40	0.094	0.032	0.11	0.027	-	
108		Kimotsuki River	Matase Bridge	Kanoya City	2014/9/5	Cloudy	0.8	0.1	86	-	18.1	3	3	K-40	0.16	0.029	0.15	0.026	-	
109	Okinawa Prefecture	Genka River	Water intake	Nago City	2014/9/17	Sunny	1.1	0.1	>100	-	18.8	<1	<1	K-40	0.029	0.022	0.038	0.026	-	
110		Miyara River	Omoto water intake	Ishigaki City	2014/9/15	Sunny	1.0	0.1	41	-	21.1	10	5	K-40	0.049	0.037	0.049	0.027	-	

* This preliminary report does not contain counting errors concerning activity concentrations.

Results of Measurement in Public Water Areas (Sediments)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items			Sediment					Remarks
			Water area	Location	Municipality				Sample length (cm)	sediment content (%)	Property	Detected γ -ray emitting radionuclides			Total β radioactivity		
												Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	
1	Hokkaido Prefecture	Rivers	Ishikari River	Clean water intake at Ishikari River in Asahikawa City	Asahikawa City	2014/9/1	Sunny	1.7	10	76.6	Sand	Ac-228	20	6.8	580	21	—
												Bi-212	47	22			
												Bi-214	14	3.1			
												K-40	450	21			
												Pb-212	24	3.1			
												Pb-214	18	3.5			
												Ra-226	60	37			
Tl-208	25	5.3															
2	Hokkaido Prefecture	Rivers	Ishikari River	Intake at the Shirakawa water purification plant in Sapporo City	Sapporo City	2014/10/24	Sunny	1.7	10	75.9	Sand/gravel	Ac-228	12	5.7	480	24	—
												Bi-212	23	20			
												Bi-214	12	2.8			
												K-40	360	16			
												Pb-212	15	2.6			
												Pb-214	14	3.1			
												Tl-208	10	4.1			
3	Hokkaido Prefecture	Rivers	Teshio River	Nakashibetsu Bridge (Intake at the Higashiyama water purification plant in Shibetsu City)	Shibetsu City	2014/9/1	Sunny	1.0	10	73.9	Sand	Ac-228	30	6.5	800	21	—
												Bi-212	54	27			
												Bi-214	15	3.4			
												K-40	580	22			
												Pb-212	32	3.3			
												Pb-214	18	4.0			
												Tl-208	28	4.8			
4	Hokkaido Prefecture	Rivers	Tokoro River	Tadashi Bridge	Kitami City	2014/8/29	Sunny	1.2	10	84.3	Sand/gravel	Ac-228	12	6.2	450	21	—
												Bi-214	9.2	3.4			
												K-40	340	18			
												Pb-212	18	3.0			
												Pb-214	10	3.3			
												Tl-208	13	4.3			
												5	Hokkaido Prefecture	Rivers			
Bi-214	4.8	2.9															
K-40	160	16															
Pb-212	6.5	2.0															
Pb-214	5.1	2.7															
Tl-208	4.8	3.8															
Cs-137	2.2	1.6															
6	Hokkaido Prefecture	Rivers	Tokachi River	Nantai Bridge	Obihiro City	2014/8/28	Sunny	1.3	10	76.3	Sand	Ac-228	8.8	4.7	520	21	—
												Bi-214	14	2.0			
												K-40	430	15			
												Pb-212	21	2.2			
												Pb-214	14	2.7			
												Ra-226	32	26			
												Tl-208	20	3.5			
7	Hokkaido Prefecture	Rivers	Sarugawa River	Sarugawa Bridge (Tomigawa)	Hidaka Town	2014/9/2	Sunny	0.8	10	69.7	Sand	Ac-228	15	6.3	530	21	—
												Bi-214	12	2.8			
												K-40	350	18			
												Pb-212	15	3.5			
												Pb-214	12	3.7			
												Tl-208	16	4.3			
												8	Hokkaido Prefecture	Rivers			
Bi-212	25	19															
Bi-214	10	2.6															
K-40	280	17															
Pb-212	12	3.1															
Pb-214	9.8	3.1															
Tl-208	9.1	4.1															
Cs-137	1.7	1.6															

Results of Measurement in Public Water Areas (Sediments)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items			Sediment					Remarks															
			Water area	Location	Municipality				Sample length (cm)	sediment content (%)	Property	Detected γ -ray emitting radionuclides			Total β radioactivity																	
												Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)																
9	Hokkaido Prefecture	Rivers	Shiribeshi-toshibetsu River	Intake at the Kitahiyama simple water plant in Kitahiyama Town	Setana Town	2014/8/26	Sunny	0.4	10	79.4	Sand/gravel	Ac-228	15	5.2	810	21	—															
												Bi-212	33	23																		
												Bi-214	21	2.5																		
												K-40	650	19																		
												Pb-212	28	2.8																		
												Pb-214	23	3.1																		
												Ra-226	49	33																		
Tl-208	28	4.1																														
10	Aomori Prefecture	Rivers	Iwaki River	Tsugaru-ohashi Bridge	Nakadomari Town	2014/9/8	Sunny	3.7	10	74.7	Silt	Ac-228	11	5.8	460	25	—															
												Bi-214	10	2.8																		
												K-40	290	15																		
												Pb-212	10	2.7																		
												Pb-214	9.7	3.1																		
												Tl-208	9.5	4.3																		
11	Aomori Prefecture	Rivers	Mabechi River	Shiriuchi Bridge	Hachinohe City	2014/9/9	Sunny	1.6	10	50.3	Silt/sand/gravel	Ac-228	11	7.5	370	25	—															
												Bi-212	41	25																		
												K-40	260	23																		
												Pb-212	16	3.2																		
												Pb-214	11	4.0																		
												Tl-208	13	5.6																		
												Cs-137	5.7	1.9																		
12	Iwate Prefecture	Rivers	Mabechi River	Fugane Bridge	Ninohe City	2014/9/15	Sunny	0.9	10	69.0	Sand	Ac-228	6.3	4.2	310	25	—															
												Bi-214	7.1	2.3																		
												K-40	260	15																		
												Pb-212	12	2.1																		
												Pb-214	8.2	2.4																		
												Tl-208	9.9	3.1																		
												Cs-137	2.6	1.4																		
13	Iwate Prefecture	Rivers	Heigawa River	Miyako Bridge	Miyako City	2014/9/10	Cloudy	1.8	10	28.9	Silt	Ac-228	11	5.2	1,100	44	—															
												Be-7	59	13																		
												Bi-212	28	21																		
												Bi-214	16	2.7																		
												K-40	460	20																		
												Pb-212	31	2.6																		
												Pb-214	15	3.5																		
												Ra-226	57	34																		
												Th-234	41	24																		
												Tl-208	28	5.0																		
												Cs-134	12	1.5																		
												Cs-137	46	1.7																		
												14	Iwate Prefecture	Rivers				Kitakami River	Chitose Bridge	Ichinoseki City	2014/9/16	Cloudy	1.2	10	69.4	Sand	Ac-228	7.4	5.2	450	25	—
																											Bi-214	11	2.4			
K-40	370	19																														
Pb-212	14	2.9																														
Pb-214	10	3.5																														
Ra-226	31	30																														
Tl-208	13	4.0																														
Cs-134	8.4	1.2																														
Cs-137	23	1.5																														
15	Miyagi Prefecture	Rivers	Abukuma River	Iwanuma (Abukuma Bridge)	Iwanuma City	2014/9/17	Cloudy	0.8	10	70.3	Silt/sand				Ac-228	9.9	5.1										570	25	—			
												Bi-212	21	21																		
												Bi-214	12	3.8																		
												K-40	420	18																		
												Pb-212	21	4.0																		
												Pb-214	11	5.1																		
												Tl-208	16	6.4																		
												Cs-134	47	2.1																		
												Cs-137	140	2.1																		

Results of Measurement in Public Water Areas (Sediments)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items			Sediment					Remarks
			Water area	Location	Municipality				Sample length (cm)	sediment content (%)	Property	Detected γ -ray emitting radionuclides			Total β radioactivity		
												Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	
16	Miyagi Prefecture	Rivers	Natori River	Yuriage-ohashi Bridge	Natori City	2014/9/1	Cloudy	1.0	10	55.7	Silt/sand	Be-7	21	16	470	25	—
												Bi-214	7.4	3.3			
												K-40	360	20			
												Pb-212	12	3.3			
												Pb-214	7.3	3.9			
												Tl-208	12	4.9			
												Cs-134	19	1.9			
Cs-137	68	1.7															
17	Akita Prefecture	Rivers	Yoneshiro River	Noshiro Bridge	Noshiro City	2014/9/7	Cloudy	4.1	10	80.1	Sand/gravel	Ac-228	5.8	4.2	420	25	—
												Bi-214	14	2.0			
												K-40	450	16			
												Pb-212	15	2.0			
												Pb-214	11	2.7			
												Ra-226	33	25			
												Tl-208	11	3.7			
Ac-228	12	6.1															
18	Akita Prefecture	Rivers	Omono River	Kurose Bridge	Akita City	2014/9/4	Cloudy	1.8	10	51.3	Silt/sand	Be-7	29	14	580	25	—
												Bi-212	31	23			
												Bi-214	21	3.0			
												K-40	470	22			
												Pb-212	20	2.8			
												Pb-214	19	3.1			
												Ra-226	45	31			
												Tl-208	20	3.9			
												Cs-137	6.8	1.5			
												Ac-228	11	6.5			
												Be-7	30	12			
												Bi-214	16	3.0			
												K-40	460	22			
19	Yamagata Prefecture	Rivers	Mogami River	Ryou Bridge	Sakata City	2014/9/2	Sunny	2.3	10	48.2	Silt/sand	Pb-212	21	2.9	570	25	—
												Pb-214	15	3.8			
												Ra-226	59	31			
												Th-234	48	23			
												Tl-208	20	5.0			
												Cs-134	6.7	1.4			
												Cs-137	17	2.0			
												Ac-228	21	7.4			
												Bi-212	56	28			
												Bi-214	20	3.2			
												K-40	500	27			
												Pb-212	40	3.8			
												Pb-214	21	4.4			
Ra-226	46	40															
Th-234	54	32															
Tl-208	35	5.6															
Cs-137	10	2.3															
20	Fukushima Prefecture	Rivers	Akagawa River	Shinkawa Bridge	Kitakata City	2014/9/2	Sunny	0.3	10	48.9	Silt	Ac-228	33	8.7	800	25	—
												Bi-212	47	29			
												K-40	410	25			
												Pb-212	32	5.2			
												Pb-214	22	6.8			
												Tl-208	20	9.3			
												Cs-134	40	3.1			
												Cs-137	120	3.0			
												Ac-228	21	7.5			
												Bi-212	49	30			
												K-40	440	20			
												Pb-212	16	7.9			
												Pb-214	16	9.3			
Tl-208	17	12															
Cs-134	120	4.1															
Cs-137	370	3.5															
21	Fukushima Prefecture	Rivers	Agano River	Shingo Dam	Kitakata City	2014/9/12	Sunny	8.5	10	26.3	Silt/sand	Ac-228	33	8.7	690	25	—
												Bi-212	47	29			
												K-40	410	25			
												Pb-212	32	5.2			
												Pb-214	22	6.8			
												Tl-208	20	9.3			
												Cs-134	40	3.1			
Cs-137	120	3.0															
22	Fukushima Prefecture	Rivers	Abukuma River	Taisho Bridge (Fushiguro)	Date City	2014/9/17	Sunny	1.8	10	70.7	Silt/sand	Ac-228	21	7.5	840	25	—
												Bi-212	49	30			
												K-40	440	20			
												Pb-212	16	7.9			
												Pb-214	16	9.3			
												Tl-208	17	12			
												Cs-134	120	4.1			
Cs-137	370	3.5															

Results of Measurement in Public Water Areas (Sediments)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items			Sediment					Remarks
			Water area	Location	Municipality				Sample length (cm)	sediment content (%)	Property	Detected γ -ray emitting radionuclides			Total β radioactivity		
												Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	
23	Fukushima Prefecture	Rivers	Kujigawa River	Takachihara Bridge	Yamatsuri Town	2014/9/18	Sunny	2.7	10	79.2	Sand/gravel	Ac-228	23	5.9	690	25	—
												K-40	580	18			
												Pb-212	23	3.2			
												Pb-214	18	3.8			
												Tl-208	20	5.1			
												Cs-134	3.4	1.7			
												Cs-137	13	1.9			
24		Lake	Lake Kasumigaura	Center	Miho Village	2014/9/4	Sunny	6.1	10	15.3	Silt	Ac-228	39	10	570	24	—
												Bi-212	48	47			
												K-40	290	62			
												Pb-212	32	6.6			
												Pb-214	16	9.4			
												Ra-226	75	66			
												Tl-208	29	13			
Cs-134	100	4.2															
Cs-137	330	3.8															
25	Ibaraki Prefecture	Rivers	Kokai River	Fumimaki Bridge	Toride City	2014/9/10	Cloudy	1.9	10	54.8	Silt/sand	Ac-228	15	5.2	600	24	—
												Be-7	25	20			
												Bi-212	38	24			
												Bi-214	15	3.9			
												K-40	490	22			
												Pb-212	33	3.5			
												Pb-214	25	4.5			
												Ra-226	69	42			
												Tl-208	28	5.9			
												Cs-134	30	2.2			
												Cs-137	88	2.3			
26			Nakagawa River	Shinnaka Bridge	Nakagawa Town	2014/9/8	Cloudy	1.6	10	80.3	Sand/gravel	Ac-228	22	5.9	480	24	—
												K-40	390	15			
												Pb-212	20	3.2			
												Pb-214	10	3.2			
												Tl-208	17	4.1			
												Cs-134	4.5	1.6			
												Cs-137	15	1.8			
27	Tochigi Prefecture	Rivers	Kinugawa River	Kinugawa Bridge (Hoshakuji Temple)	Utsunomiya City	2014/9/9	Sunny	1.8	10	62.1	Sand	Ac-228	14	5.4	620	24	—
												Be-7	27	14			
												Bi-212	35	23			
												Bi-214	18	3.2			
												K-40	500	20			
												Pb-212	30	3.3			
												Pb-214	17	4.0			
												Ra-226	40	38			
												Tl-208	26	4.9			
												Cs-134	15	1.8			
												Cs-137	44	2.1			
28			Tonegawa River	Tone-ozeki Weir	Chiyoda Town	2014/8/25	Cloudy	0.5	10	48.4	Silt/sand	Ac-228	15	7.9	410	24	—
												K-40	290	26			
												Pb-212	18	4.4			
												Pb-214	11	5.5			
												Tl-208	16	6.3			
												Cs-134	19	2.5			
												Cs-137	60	2.3			
29	Gunma Prefecture		Watarase River	Watarase-ohashi Bridge	Tatebayashi City	2014/8/25	Rain	2.5	10	72.1	Sand	Ac-228	13	4.9	570	24	—
												Bi-212	34	19			
												Bi-214	14	2.3			
												K-40	480	16			
												Pb-212	25	2.5			
												Pb-214	13	3.1			
												Tl-208	21	4.6			
												Cs-134	5.3	1.3			
												Cs-137	16	1.5			

Results of Measurement in Public Water Areas (Sediments)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items			Sediment					Remarks
			Water area	Location	Municipality				Sample length (cm)	sediment content (%)	Property	Detected γ -ray emitting radionuclides			Total β radioactivity		
												Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	
30			Arakawa River	Kugebashi Bridge	Kumagaya City	2014/8/28	Cloudy	0.4	10	70.3	Sand/gravel	Ac-228	11	4.7	520	20	—
												Bi-212	32	18			
												Bi-214	17	2.6			
												K-40	500	18			
												Pb-212	26	2.5			
												Pb-214	18	2.9			
												Ra-226	33	33			
												Th-234	42	24			
												Tl-208	17	4.5			
												Cs-134	1.9	1.3			
Cs-137	6.5	1.7															
31	Saitama Prefecture		Arakawa River	Akigase Intake Weir	Saitama City/Shiki City	2014/8/29	Cloudy	2.6	10	73.2	Silt/sand/gravel	Ac-228	9.5	4.3	450	20	—
												Bi-212	23	19			
												Bi-214	13	2.6			
												K-40	400	15			
												Pb-212	20	2.6			
												Pb-214	15	2.9			
												Tl-208	18	3.9			
												Cs-134	6.2	1.2			
												Cs-137	17	1.5			
												Ac-228	7.2	5.5			
Bi-214	13	2.8															
K-40	340	16															
Pb-212	21	3.2															
Pb-214	16	3.9															
Tl-208	14	5.7															
Cs-134	21	1.8															
Cs-137	68	1.8															
32		Rivers	Edogawa River	Nagareyama Bridge	Nagareyama City (Chiba Prefecture) /Misato City	2014/8/27	Cloudy	0.6	10	66.2	Silt/sand/gravel	Ac-228	21	7.0	460	20	—
												K-40	420	20			
												Pb-212	22	4.7			
												Pb-214	16	5.7			
												Ra-226	54	49			
												Tl-208	22	6.5			
												Cs-134	27	2.3			
												Cs-137	81	2.7			
												Ac-228	12	6.0			
												K-40	280	16			
Pb-212	11	3.0															
Pb-214	6.9	3.4															
Tl-208	8.9	4.6															
Cs-134	3.4	1.6															
Cs-137	11	1.6															
33			Tonegawa River	Kakozeki Weir	Tonosho Town	2014/9/5	Sunny	1.2	10	60.7	Silt/sand	Bi-214	11	9.9	540	24	—
												K-40	240	82			
												Pb-212	24	8.5			
												Ra-226	110	98			
												Cs-134	260	5.3			
												Cs-137	780	5.1			
												Ac-228	11	6.5			
												Bi-214	17	5.5			
												K-40	390	22			
												Pb-212	24	5.1			
Pb-214	17	7.1															
Tl-208	23	9.6															
Cs-134	96	3.1															
Cs-137	290	3.1															
34	Chiba Prefecture		Ichinomiya	Nakano Bridge	Ichinomiya Town	2014/9/1	Cloudy	3.2	10	75.1	Silt/sand	Bi-214	11	9.9	380	24	—
												K-40	280	16			
												Pb-212	11	3.0			
												Pb-214	6.9	3.4			
												Tl-208	8.9	4.6			
												Cs-134	3.4	1.6			
												Cs-137	11	1.6			
												Bi-214	11	9.9			
												K-40	240	82			
												Pb-212	24	8.5			
Ra-226	110	98															
Cs-134	260	5.3															
Cs-137	780	5.1															
35		Lake	Lake Inbanuma	Lower area of Josuido water intake	Sakura City	2014/9/2	Sunny	1.5	10	16.4	Silt	Ac-228	11	6.5	640	24	—
												Bi-214	17	5.5			
												K-40	390	22			
												Pb-212	24	5.1			
												Pb-214	17	7.1			
												Tl-208	23	9.6			
												Cs-134	96	3.1			
												Cs-137	290	3.1			
												Ac-228	11	6.5			
												Bi-214	17	5.5			
K-40	390	22															
Pb-212	24	5.1															
Pb-214	17	7.1															
Tl-208	23	9.6															
Cs-134	96	3.1															
Cs-137	290	3.1															
36	Tokyo Metropolis	Rivers	Edogawa River	Shinkatsushika Bridge	Katsushika City	2014/8/27	Cloudy	0.5	10	48.3	Silt	Ac-228	11	6.5	610	24	—
												Bi-214	17	5.5			
												K-40	390	22			
												Pb-212	24	5.1			
												Pb-214	17	7.1			
												Tl-208	23	9.6			
												Cs-134	96	3.1			
												Cs-137	290	3.1			
												Ac-228	11	6.5			
												Bi-214	17	5.5			
K-40	390	22															
Pb-212	24	5.1															
Pb-214	17	7.1															
Tl-208	23	9.6															
Cs-134	96	3.1															
Cs-137	290	3.1															

Results of Measurement in Public Water Areas (Sediments)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items			Sediment					Remarks
			Water area	Location	Municipality				Sample length (cm)	sediment content (%)	Property	Detected γ -ray emitting radionuclides			Total β radioactivity		
												Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	
37	Tokyo Metropolis	Rivers	Tamagawa River	Hajjima raw water supply point	Akishima City	2014/9/6	Sunny	1.1	10	80.6	Sand/gravel	Ac-228	15	4.4	670	24	—
												Bi-212	32	18			
												Bi-214	17	2.8			
												K-40	510	18			
												Pb-212	30	2.8			
												Pb-214	16	3.5			
												Ra-226	65	31			
												Tl-208	28	4.5			
												Cs-134	7.5	1.4			
												Cs-137	22	1.6			
38	Tokyo Metropolis	Rivers	Sumida River	Ryogoku Bridge	Chuo City /Sumida City	2014/8/25	Rain	2.5	10	49.0	Sand/gravel	Ac-228	7.7	5.3	590	24	—
												Bi-212	34	23			
												Bi-214	11	3.8			
												K-40	400	21			
												Pb-212	19	4.0			
												Pb-214	12	5.2			
												Tl-208	15	6.3			
												Cs-134	42	2.2			
												Cs-137	130	2.2			
												39	Tokyo Metropolis	Rivers			
Bi-212	49	35															
Bi-214	13	8.2															
K-40	440	58															
Pb-212	27	5.5															
Pb-214	14	7.2															
Ra-226	88	59															
Tl-208	24	9.4															
Cs-134	82	3.3															
Cs-137	260	3.2															
40	Kanagawa Prefecture	Rivers	Tsurumi River	Rinko Tsurumi Bridge	Yokohama City	2014/9/16	Sunny	6.5	10	30.8	Silt	Ac-228	12	9.0	570	24	—
												Be-7	180	38			
												Bi-212	43	34			
												Bi-214	10	6.2			
												K-40	400	62			
												Pb-212	21	5.3			
												Pb-214	11	6.6			
												Tl-208	16	9.3			
												Cs-134	40	3.1			
												Cs-137	120	3.1			
41	Kanagawa Prefecture	Rivers	Sagami River	Banyu Bridge	Hiratsuka City	2014/9/17	Cloudy	2.5	10	70.4	Silt/sand	Ac-228	4.8	4.0	350	24	—
												Be-7	39	14			
												Bi-214	9.3	2.6			
												K-40	290	15			
												Pb-212	9.5	2.3			
												Pb-214	7.2	3.0			
												Tl-208	9.4	3.7			
												Cs-134	9.0	1.3			
												Cs-137	26	1.4			
												42	Kanagawa Prefecture	Rivers			
K-40	130	14															
Pb-214	4.5	2.3															
Cs-137	3.5	1.2															
43	Niigata Prefecture	Rivers	Shinano River	Heisei-ohashi	Niigata City	2014/8/27	Cloudy	4.2	10	70.5	Sand	Ac-228	10	5.6	770	22	—
												Bi-212	40	19			
												Bi-214	16	2.6			
												K-40	650	19			
												Pb-212	22	2.6			
												Pb-214	17	2.7			
												Ra-226	47	30			
												Tl-208	22	3.9			
												Cs-137	3.3	1.6			

Results of Measurement in Public Water Areas (Sediments)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items			Sediment					Remarks															
			Water area	Location	Municipality				Sample length (cm)	sediment content (%)	Property	Detected γ -ray emitting radionuclides			Total β radioactivity																	
												Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)																
44	Niigata Prefecture	Rivers	Agano River	Oun Bridge	Niigata City	2014/8/27	Rain	2.5	10	68.8	Sand	Ac-228	18	6.0	730	22	—															
												Bi-212	34	24																		
												Bi-214	22	3.1																		
												K-40	710	17																		
												Pb-212	36	2.9																		
												Pb-214	21	3.7																		
												Ra-226	53	39																		
												Th-234	46	28																		
												Tl-208	30	4.9																		
												Cs-134	4.1	1.4																		
												Cs-137	15	1.8																		
50	Yamanashi Prefecture	Rivers	Sagami River	Katsuragawa Bridge	Uenohara City	2014/9/18	Cloudy	2.9	10	69.2	Silt/sand/gravel	Ac-228	19	5.2	440	22	—															
												Bi-214	6.5	3.6																		
												K-40	330	19																		
												Pb-212	16	3.0																		
												Pb-214	9.5	3.6																		
												Tl-208	11	4.6																		
												Cs-137	5.8	1.8																		
51	Yamanashi Prefecture	Rivers	Fujikawa River	Manbu Bridge	Nanbu Town	2014/9/11	Cloudy	0.5	10	82.9	Sand/gravel	Ac-228	20	6.6	660	22	—															
												Bi-212	28	23																		
												Bi-214	16	2.8																		
												K-40	510	19																		
												Pb-212	24	3.2																		
												Pb-214	17	3.5																		
												Tl-208	20	5.1																		
57	Shizuoka Prefecture	Rivers	Karino River	Karino River Kurose Bridge	Numazu City	2014/9/12	Sunny	1.0	10	74.4	Silt/sand/gravel	K-40	120	17	160	22	—															
												Pb-212	5.2	2.2																		
												Pb-214	4.9	2.7																		
												Tl-208	5.1	3.6																		
												Cs-137	2.4	1.5																		
												58	Shizuoka Prefecture	Rivers				Oigawa River	Oigawa River Fujimi Bridge	Yaizu City /Yoshida Town	2014/9/16	Sunny	2.9	10	87.7	Silt/sand/gravel	Ac-228	29	5.7	620	22	—
																											Bi-212	34	25			
Bi-214	19	3.2																														
K-40	460	15																														
Pb-212	36	3.1																														
Pb-214	20	4.0																														
Ra-226	47	37																														
Th-234	52	41																														
Tl-208	25	5.1																														
59	Toyama Prefecture	Rivers	Tenryu River	Tenryu River Kaketsuka Bridge	Iwata City /Hamamatsu City	2014/9/10	Sunny	3.3	10	83.7	Silt/sand/gravel				Ac-228	14	5.0										740	22	—			
															Bi-212	30	21															
												Bi-214	17	2.4																		
												K-40	580	17																		
												Pb-212	31	2.5																		
												Pb-214	20	2.9																		
												Ra-226	33	30																		
45	Toyama Prefecture	Rivers	Jinzu River	Hagiura Bridge	Toyama City	2014/9/7	Sunny	5.1	10	32.6	Silt	Ac-228	25	9.7	1,100	24	—															
												Bi-212	78	34																		
												Bi-214	38	4.6																		
												K-40	710	28																		
												Pb-212	65	4.2																		
												Pb-214	46	4.9																		
												Ra-226	84	48																		
												Th-234	66	39																		
												Tl-208	57	6.5																		
												Cs-137	4.6	2.9																		

Results of Measurement in Public Water Areas (Sediments)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items			Sediment					Remarks
			Water area	Location	Municipality				Sample length (cm)	sediment content (%)	Property	Detected γ -ray emitting radionuclides			Total β radioactivity		
												Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	
46	Ishikawa Prefecture	Rivers	Saigawa River	Okuwa Bridge	Kanazawa City	2014/9/10	Sunny	0.80	10	80.5	Sand/gravel	Ac-228	14	4.8	770	24	—
												Bi-212	33	22			
												Bi-214	16	2.6			
												K-40	590	17			
												Pb-212	31	2.6			
												Pb-214	20	2.8			
												Tl-208	24	3.8			
47	Ishikawa Prefecture	Rivers	Tedoru River	Hakusangoguchi dike	Hakusan City	2014/9/9	Sunny	1.3	10	77.5	Sand	Ac-228	20	5.2	770	24	—
												Bi-212	54	23			
												Bi-214	23	3.0			
												K-40	670	20			
												Pb-212	43	2.8			
												Pb-214	27	3.4			
												Ra-226	65	35			
48	Fukui Prefecture	Rivers	Kuzuryu River	Fuseda Bridge	Fukui City	2014/9/12	Sunny	1.1	10	52.4	Silt	Ac-228	19	6.3	840	24	—
												Be-7	32	23			
												Bi-212	34	31			
												Bi-214	22	3.5			
												K-40	650	24			
												Pb-212	42	3.5			
												Pb-214	30	3.7			
Ra-226	41	37															
49	Fukui Prefecture	Rivers	Kitagawa River	Takatsuka Bridge	Obama City	2014/9/16	Sunny	0.53	10	84.9	Sand/gravel	Th-234	45	31	550	24	—
												Tl-208	36	4.7			
												Ac-228	19	6.3			
												Be-7	32	23			
												Bi-212	34	31			
												Bi-214	22	3.5			
												K-40	650	24			
52	Nagano Prefecture	Rivers	Shinano River	Ozeki Bridge	Iiyama City	2014/9/17	Cloudy	0.40	10	69.6	Sand	Pb-212	54	3.4	810	24	—
												Pb-214	36	3.9			
												Th-234	59	31			
												Tl-208	42	5.4			
												Cs-137	3.9	1.9			
												Ac-228	170	9.4			
												Bi-212	200	41			
53	Nagano Prefecture	Rivers	Saigawa River	Koichi Bridge	Nagano City	2014/9/18	Sunny	1.8	10	83.4	Sand	Bi-214	87	5.2	1,300	24	—
												K-40	600	25			
												Pb-212	200	6.4			
												Pb-214	96	6.8			
												Ra-226	190	77			
												Th-234	190	83			
												Tl-208	170	8.2			
54	Nagano Prefecture	Rivers	Tenryu River	Tsutsuji Bridge	Iida City	2014/9/19	Cloudy	0.70	10	76.4	Sand	Ac-228	47	7.1	760	24	—
												Bi-212	69	32			
												Bi-214	23	3.5			
												K-40	610	25			
												Pb-212	52	4.1			
												Pb-214	26	4.4			
												Th-234	67	47			
Tl-208	43	6.2															

Results of Measurement in Public Water Areas (Sediments)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items			Sediment					Remarks
			Water area	Location	Municipality				Sample length (cm)	sediment content (%)	Property	Detected γ -ray emitting radionuclides			Total β radioactivity		
												Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	
55	Gifu Prefecture	Rivers	Kisogawa River	Tokai-ohashi Bridge (Naruto)	Kaizu City	2014/9/5	Sunny	3.7	10	74.8	Sand	Ac-228	24	8.0	1,000	24	—
												Bi-214	15	3.6			
												K-40	890	20			
												Pb-212	30	3.5			
												Pb-214	17	4.2			
												Ra-226	45	43			
TL-208	28	4.9															
56	Gifu Prefecture	Rivers	Nagara River	Tokai-ohashi Bridge	Kaizu City	2014/9/5	Cloudy	4.6	10	70.5	Silt	Ac-228	35	6.7	800	24	—
												Bi-212	35	30			
												Bi-214	20	3.7			
												K-40	670	21			
												Pb-212	40	3.9			
												Pb-214	23	4.2			
TL-208	30	5.8															
60	Aichi Prefecture	Rivers	Shonai River	Miwakare Bridge	Nagoya City	2014/9/8	Sunny	0.30	10	85.3	Sand/gravel	Ac-228	8.9	5.4	860	24	—
												Bi-214	13	2.7			
												K-40	770	17			
												Pb-212	23	2.5			
												Pb-214	15	2.9			
												Ra-226	41	29			
TL-208	19	3.9															
61	Aichi Prefecture	Rivers	Yahagi River	Iwazutenjin Bridge	Okazaki City/Toyota City	2014/9/8	Cloudy	2.2	10	75.6	Sand/gravel	Ac-228	24	5.5	950	24	—
												Bi-212	58	22			
												Bi-214	14	3.0			
												K-40	790	17			
												Pb-212	49	3.0			
												Pb-214	15	3.4			
Th-234	37	28															
TL-208	47	4.3															
62	Aichi Prefecture	Rivers	Toyogawa River	Eshima Bridge	Toyokawa City	2014/9/9	Sunny	0.90	10	76.4	Sand	Ac-228	8.3	4.2	360	24	—
												Bi-212	22	19			
												Bi-214	8.5	2.3			
												K-40	390	16			
												Pb-212	16	2.0			
												Pb-214	12	2.3			
TL-208	13	3.4															
63	Mie Prefecture	Rivers	Suzuka River	Ogura Bridge	Yokkaichi City	2014/9/3	Cloudy	1.0	10	78.6	Sand/gravel	Ac-228	8.4	6.7	830	24	—
												Bi-212	26	25			
												Bi-214	7.0	3.9			
												K-40	950	40			
												Pb-212	15	3.4			
												Pb-214	9.8	4.1			
TL-208	13	5.6															
64	Mie Prefecture	Rivers	Miyakawa River	Watarai Bridge	Ise City	2014/9/3	Cloudy	0.80	10	76.2	Sand/gravel	Ac-228	16	5.2	730	24	—
												Bi-212	27	22			
												Bi-214	20	2.6			
												K-40	570	16			
												Pb-212	30	2.7			
												Pb-214	23	3.0			
Ra-226	35	31															
Th-234	33	26															
TL-208	30	3.9															
Cs-137	1.7	1.5															
65	Shiga Prefecture	Rivers	Adogawa River	Joan Bridge	Takashima City	2014/9/4	Cloudy	1.6	10	85.0	Sand/gravel	Ac-228	15	4.4	640	18	—
												Bi-212	42	19			
												Bi-214	18	2.5			
												K-40	510	16			
												Pb-212	31	2.3			
												Pb-214	18	2.8			
Ra-226	41	30															
Th-234	41	24															
TL-208	27	4.0															

Results of Measurement in Public Water Areas (Sediments)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items			Sediment					Remarks
			Water area	Location	Municipality				Sample length (cm)	sediment content (%)	Property	Detected γ -ray emitting radionuclides			Total β radioactivity		
												Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	
66	Shiga Prefecture	Lake	Lake Biwako	Karasakioki-Chuo	—	2014/9/3	Cloudy	4.0	10	27.9	Silt/sand	Ac-228	96	12	910	26	—
												Bi-212	130	37			
												Bi-214	40	5.6			
												K-40	660	50			
												Pb-212	100	4.8			
												Pb-214	50	5.2			
												Ra-226	120	49			
												Th-234	100	40			
												Tl-208	86	8.5			
												Cs-137	5.5	3.1			
67	Kyoto Prefecture	Rivers	Yuragawa River	Yuragawa Bridge	Maizuru City	2014/9/17	Cloudy	4.0	10	79.2	Silt/sand/gravel	Ac-228	14	5.7	420	18	—
												Bi-214	9.0	2.8			
												K-40	330	16			
												Pb-212	16	2.6			
												Pb-214	11	3.4			
												Tl-208	13	4.2			
												Ac-228	5.3	5.0			
												Bi-212	24	15			
												Bi-214	11	2.2			
												K-40	630	15			
68	Kyoto Prefecture	Rivers	Katsura River	Before the confluence of three tributaries of Katsura River	Oyamazaki Town	2014/9/18	Sunny	1.1	10	92.2	Sand/gravel	Pb-212	15	2.3	650	18	—
												Pb-214	11	2.6			
												Tl-208	12	3.5			
												Ac-228	28	8.0			
												Bi-214	18	3.5			
												K-40	730	19			
												Pb-212	32	3.5			
												Pb-214	21	4.1			
												Ra-226	63	40			
												Tl-208	28	5.4			
69	Osaka Prefecture	Rivers	Inagawa River	Gunko Bridge	Itami City (Hyogo Prefecture)	2014/9/11	Sunny	0.50	10	75.5	Sand/gravel	Ac-228	51	11	860	21	—
												Bi-212	62	38			
												Bi-214	32	5.7			
												K-40	550	29			
												Pb-212	54	5.1			
												Pb-214	38	5.7			
												Ra-226	80	57			
												Tl-208	48	7.9			
												Ac-228	12	4.6			
												Bi-212	24	22			
70	Osaka Prefecture	Rivers	Yodogawa River	Sugaharashirokita-ohashi Bridge	Osaka City	2014/9/12	Sunny	7.0	10	46.6	Silt/sand	Bi-214	13	2.6	800	22	—
												K-40	830	16			
												Pb-212	23	2.6			
												Pb-214	15	2.6			
												Ra-226	30	28			
												Tl-208	21	3.7			
												Ac-228	9.2	4.4			
												Bi-212	25	18			
												Bi-214	10	2.3			
												K-40	540	16			
71	Osaka Prefecture	Rivers	Ishikawa River	Takahashi	Tondabayashi City	2014/9/16	Sunny	0.40	10	82.3	Sand/gravel	Pb-212	18	2.3	810	19	—
												Pb-214	13	2.6			
												Tl-208	16	3.3			
												Ac-228	28	7.6			
												Bi-212	36	30			
												Bi-214	22	3.8			
												K-40	900	19			
												Pb-212	28	3.7			
												Pb-214	25	4.6			
												Tl-208	29	5.2			
72	Hyogo Prefecture	Rivers	Kakogawa River	Kakogawa Bridge	Kakogawa City	2014/9/9	Sunny	1.3	10	85.5	Sand/gravel	Ac-228	28	7.6	640	17	—
												Bi-212	36	30			
												Bi-214	22	3.8			
												K-40	540	16			
												Pb-212	18	2.3			
												Pb-214	13	2.6			
												Tl-208	16	3.3			
												Ac-228	9.2	4.4			
												Bi-212	25	18			
												Bi-214	10	2.3			
73	Hyogo Prefecture	Rivers	Mukogawa River	Hyakkenbi	Takarazuka City	2014/9/10	Sunny	0.30	10	81.1	Sand/gravel	Pb-212	18	2.3	1,100	18	—
												Pb-214	13	2.6			
												Tl-208	16	3.3			
												Ac-228	28	7.6			
												Bi-212	36	30			
												Bi-214	22	3.8			
												K-40	900	19			
												Pb-212	28	3.7			
												Pb-214	25	4.6			
												Tl-208	29	5.2			

Results of Measurement in Public Water Areas (Sediments)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items			Sediment					Remarks
			Water area	Location	Municipality				Sample length (cm)	sediment content (%)	Property	Detected γ -ray emitting radionuclides			Total β radioactivity		
												Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	
74	Hyogo Prefecture	Rivers	Maruyama River	kaminogo Bridge	Toyooka City	2014/9/8	Sunny	0.80	10	84.9	Sand/gravel	Ac-228	21	6.1	640	18	—
												Bi-212	34	23			
												Bi-214	14	2.7			
												K-40	510	16			
												Pb-212	21	3.2			
												Pb-214	13	3.5			
												Ra-226	42	35			
Tl-208	17	5.1															
75	Nara Prefecture	Rivers	Yamato River	Fujii	Oji Town	2014/9/11	Sunny	1.1	10	77.7	Sand/gravel	Ac-228	15	5.9	580	17	—
												Bi-214	6.2	2.8			
												K-40	520	16			
												Pb-212	18	2.6			
												Pb-214	9.0	3.0			
												Tl-208	11	4.7			
76	Nara Prefecture	Rivers	Kinokawa River	Kuramae Bridge	Gojo City	2014/9/10	Sunny	4.0	10	81.5	Sand	Ac-228	20	5.4	500	16	Sampling was conducted 600m downstream as there were lots of pebbles around the predetermined location.
												Bi-212	26	20			
												Bi-214	9.2	3.1			
												K-40	370	16			
												Pb-212	21	3.1			
												Pb-214	11	3.2			
												Ra-226	37	35			
												Tl-208	16	4.1			
												Ac-228	14	5.5			
												Bi-212	39	21			
77	Wakayama Prefecture	Rivers	Kinokawa River	Shinrokkaizeki Weir	Wakayama City	2014/9/17	Sunny	2.3	10	66.8	Silt	Bi-214	15	2.8	610	19	—
												K-40	530	18			
												Pb-212	27	2.5			
												Pb-214	18	2.8			
												Th-234	35	24			
												Tl-208	23	3.3			
												Ac-228	15	5.3			
78	Wakayama Prefecture	Rivers	Kumano River	Kumano-ohashi Bridge	Shingu City	2014/9/16	Sunny	3.1	10	84.8	Sand/gravel	Bi-212	32	22	680	17	—
												Bi-214	18	2.7			
												K-40	580	16			
												Pb-212	35	2.6			
												Pb-214	20	3.1			
												Ra-226	38	31			
												Th-234	34	27			
												Tl-208	31	3.7			
												Ac-228	9.7	5.6			
												79	Tottori Prefecture	Rivers			
Bi-214	15	2.3															
K-40	710	15															
Pb-212	26	2.6															
Pb-214	14	2.9															
Ra-226	45	29															
Tl-208	18	3.6															
80	Shimane Prefecture	Rivers	Hiikawa River	Kandatsu Bridge	Izumo City	2014/8/29	Cloudy	0.90	10	86.7	Sand/gravel	Ac-228	32	6.3	1,000	18	—
												Bi-212	77	24			
												Bi-214	29	3.2			
												K-40	840	19			
												Pb-212	70	3.0			
												Pb-214	31	3.4			
												Ra-226	60	39			
												Th-234	80	35			
												Tl-208	57	4.8			

Results of Measurement in Public Water Areas (Sediments)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items			Sediment					Remarks
			Water area	Location	Municipality				Sample length (cm)	sediment content (%)	Property	Detected γ -ray emitting radionuclides			Total β radioactivity		
												Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	
81	Shimane Prefecture	Rivers	Gonokawa River	Sakurae-ohashi Bridge	Gotsu City	2014/9/1	Cloudy	3.5	10	73.3	Sand	Ac-228	12	5.5	810	19	—
												Bi-212	29	22			
												Bi-214	16	2.7			
												K-40	740	17			
												Pb-212	23	2.6			
												Pb-214	14	3.2			
												Ra-226	35	29			
												Th-234	28	25			
												Tl-208	22	3.9			
82	Okayama Prefecture	Rivers	Asahi River	Otoite Weir	Okayama City	2014/8/30	Sunny	1.8	10	85.4	Sand/gravel	Ac-228	6.9	4.7	650	16	—
												Bi-212	32	16			
												Bi-214	10	2.2			
												K-40	620	17			
												Pb-212	18	2.2			
												Pb-214	11	2.5			
												Ra-226	33	26			
												Tl-208	16	3.3			
												83	Hiroshima Prefecture	Rivers			
Bi-212	42	21															
Bi-214	15	3.1															
K-40	870	20															
Pb-212	28	3.1															
Pb-214	21	3.3															
Ra-226	50	31															
Tl-208	25	4.0															
84	Hiroshima Prefecture	Rivers	Ota River	Clean water intake in Hesaka	Hiroshima City	2014/9/9	Sunny	1.5	10	63.7	Silt				Ac-228	25	6.5
												Bi-212	50	30			
												Bi-214	39	3.6			
												K-40	930	22			
												Pb-212	53	3.4			
												Pb-214	43	4.1			
												Ra-226	110	41			
												Th-234	70	34			
												Tl-208	44	5.3			
85	Yamaguchi Prefecture	Rivers	Ashida River	Kominomi Bridge	Fukuyama City	2014/9/5	Sunny	0.90	10	81.4	Sand/gravel	Ac-228	11	4.7	1,100	20	—
												Bi-212	30	23			
												Bi-214	15	2.9			
												K-40	1,100	17			
												Pb-212	22	2.6			
												Pb-214	14	3.2			
												Th-234	33	25			
												Tl-208	17	4.4			
												86	Yamaguchi Prefecture	Rivers			
Bi-212	34	29															
Bi-214	19	3.6															
K-40	740	21															
Pb-212	34	3.5															
Pb-214	23	4.4															
Ra-226	66	39															
Tl-208	22	6.6															
87	Yamaguchi Prefecture	Rivers	Kotogawa River	Suenobu Bridge	Ube City	2014/9/3	Cloudy	3.3	10	72.4	Silt/sand				Ac-228	38	9.7
												Bi-212	38	37			
												Bi-214	38	4.3			
												K-40	1,100	26			
												Pb-212	47	4.5			
												Pb-214	39	5.4			
												Ra-226	130	52			
												Tl-208	41	6.9			

Results of Measurement in Public Water Areas (Sediments)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items			Sediment					Remarks
			Water area	Location	Municipality				Sample length (cm)	sediment content (%)	Property	Detected γ -ray emitting radionuclides			Total β radioactivity		
												Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	
88	Tokushima Prefecture	Rivers	Yoshino River	Takase Bridge	Ishii Town	2014/9/16	Sunny	4.2	10	84.8	Sand	Ac-228	9.1	5.0	220	16	—
												Bi-214	7.1	2.4			
												K-40	210	15			
												Pb-212	12	2.5			
												Pb-214	9.3	2.6			
TL-208	12	3.6															
89	Tokushima Prefecture	Rivers	Nakagawa River	Nakagawa Bridge	Anan City	2014/9/17	Cloudy	2.4	10	74.5	Sand	Ac-228	24	7.2	640	18	—
												Bi-214	18	3.1			
												K-40	520	17			
												Pb-212	29	3.3			
												Pb-214	22	3.4			
TL-208	21	5.4															
90	Kagawa Prefecture	Rivers	Dokigawa River	Marugame Bridge	Marugame City	2014/9/12	Sunny	0.40	10	75.4	Sand	Ac-228	23	7.0	920	18	—
												Bi-212	37	31			
												Bi-214	17	3.9			
												K-40	720	18			
												Pb-212	29	3.3			
Pb-214	23	3.6															
TL-208	31	4.5															
91	Ehime Prefecture	Rivers	Shigenobu River	Deai Bridge	Matsuyama City	2014/9/9	Sunny	0.30	10	82.0	Sand	Ac-228	15	5.5	820	17	—
												Bi-212	26	22			
												Bi-214	21	2.8			
												K-40	750	17			
												Pb-212	32	2.7			
Pb-214	20	3.2															
Ra-226	45	32															
Th-234	39	26															
TL-208	31	4.0															
92	Kochi Prefecture	Rivers	Hijikawa River	Hijikawa Bridge	Ozu City	2014/9/8	Sunny	0.70	10	84.0	Sand	Ac-228	6.9	3.7	210	17	—
												Bi-214	9.2	1.9			
												K-40	210	13			
												Pb-212	11	1.9			
												Pb-214	10	2.1			
TL-208	10	2.8															
93	Kochi Prefecture	Rivers	Kagami River	Kachuzeki Weir	Kochi City	2014/9/11	Sunny	1.9	10	80.3	Sand/gravel	Ac-228	13	5.1	450	19	—
												Bi-214	14	2.5			
												K-40	360	16			
												Pb-212	15	2.6			
												Pb-214	13	3.0			
TL-208	14	4.2															
94	Kochi Prefecture	Rivers	Niyodo River	Hatazeki Weir (1) Center of flow	Ino Town	2014/9/10	Sunny	0.90	10	81.3	Sand	Ac-228	14	4.9	280	16	—
												Bi-214	10	2.3			
												K-40	230	14			
												Pb-212	14	2.1			
												Pb-214	9.2	2.8			
TL-208	12	3.5															
95	Fukuoka Prefecture	Rivers	Onga River	Hinode Bridge	Nogata City	2014/8/25	Cloudy	1.5	10	86.3	Sand	Ac-228	11	5.3	720	19	—
												Bi-212	24	21			
												Bi-214	9.3	2.4			
												K-40	700	19			
												Pb-212	20	2.4			
Pb-214	8.8	2.8															
TL-208	15	3.8															
96	Fukuoka Prefecture	Rivers	Nakagawa River	Shiobara Bridge	Fukuoka City	2014/8/30	Sunny	1.1	10	80.9	Sand/gravel	Ac-228	28	6.4	850	16	—
												Bi-214	9.3	3.3			
												K-40	740	18			
												Pb-212	31	3.6			
												Pb-214	8.5	3.9			
Ra-226	46	36															
TL-208	23	5.6															

Results of Measurement in Public Water Areas (Sediments)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items			Sediment					Remarks															
			Water area	Location	Municipality				Sample length (cm)	sediment content (%)	Property	Detected γ -ray emitting radionuclides			Total β radioactivity																	
												Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)																
97	Fukuoka Prefecture	Rivers	Chikugo River	Senoshita	Kurume City	2014/8/27	Cloudy	1.5	10	65.9	Silt/sand	Ac-228	12	4.7	570	18	—															
												Bi-212	24	22																		
												Bi-214	16	2.7																		
												K-40	460	18																		
												Pb-212	23	2.3																		
												Pb-214	15	3.0																		
												Ra-226	38	28																		
Tl-208	23	3.8																														
98	Saga Prefecture	Rivers	Kasegawa River	Kasebashi Bridge	Saga City	2014/8/28	Rain	3.7	10	77.3	Sand	Ac-228	8.5	4.3	550	17	—															
												Bi-212	27	18																		
												Bi-214	11	2.2																		
												K-40	560	15																		
												Pb-212	19	2.4																		
												Pb-214	8.1	2.7																		
												Tl-208	14	3.6																		
99	Nagasaki Prefecture	Rivers	Honmyogawa River	In front of Tenma Park	Isahaya City	2014/8/29	Cloudy	1.3	10	68.8	Silt/sand	Ac-228	15	5.5	510	19	—															
												Bi-212	27	22																		
												Bi-214	22	2.8																		
												K-40	430	20																		
												Pb-212	36	2.7																		
												Pb-214	24	3.1																		
												Ra-226	43	31																		
												Th-234	47	24																		
												Tl-208	29	4.2																		
												100	Nagasaki Prefecture	Rivers				Uragami River	Ohashizeki Weir	Nagasaki City	2014/9/9	Sunny	0.7	10	79.7	Sand/gravel	Ac-228	8.3	4.7	570	16	—
Bi-212	20	19																														
Bi-214	12	2.4																														
K-40	500	15																														
Pb-212	20	2.3																														
Pb-214	14	2.5																														
Ra-226	38	28																														
Th-234	36	20																														
Tl-208	18	3.3																														
101	Kumamoto Prefecture	Rivers	Kikuchi River	Shiroishi	Nagomi Town	2014/9/2	Cloudy	7.7	10	52.8	Silt				Ac-228	15	6.2										770	21	—			
												Bi-212	45	26																		
												Bi-214	22	3.0																		
												K-40	630	22																		
												Pb-212	37	2.8																		
												Pb-214	17	3.5																		
												Ra-226	49	34																		
												Th-234	34	27																		
												Tl-208	32	4.7																		
												Cs-137	1.8	1.4																		
102	Kumamoto Prefecture	Rivers	Midori River	Uesugizeki Weir	Kumamoto City	2014/9/3	Sunny	1.2	10	83.4	Sand	Ac-228	10	4.2	470	19	—															
												Bi-212	24	17																		
												Bi-214	14	2.1																		
												K-40	410	15																		
												Pb-212	20	2.2																		
												Pb-214	15	2.4																		
												Ra-226	28	25																		
												Tl-208	16	3.1																		
												103	Oita Prefecture	Rivers				Oita River	Funaichi-ohashi Bridge	Oita City	2014/9/12	Sunny	1.0	10	78.9	Sand	Ac-228	14	6.8	660	17	—
																											Bi-214	18	4.1			
K-40	630	43																														
Pb-212	28	3.3																														
Pb-214	19	4.3																														
Th-234	28	27																														
Tl-208	26	5.9																														

Results of Measurement in Public Water Areas (Sediments)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Water depth (m)	General items			Sediment					Remarks															
			Water area	Location	Municipality				Sample length (cm)	sediment content (%)	Property	Detected γ -ray emitting radionuclides			Total β radioactivity																	
												Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)																
104	Oita Prefecture	Rivers	Ono River	Shirataki Bridge	Oita City	2014/9/11	Sunny	1.5	10	71.5	Sand	Ac-228	11	4.9	590	18	—															
												Bi-212	23	22																		
												Bi-214	17	2.4																		
												K-40	520	19																		
												Pb-212	24	2.5																		
												Pb-214	17	3.1																		
												Ra-226	29	29																		
												Th-234	38	23																		
												Tl-208	22	4.2																		
105	Miyazaki Prefecture	Rivers	Gokase River	Miwa	Nobeoka City	2014/9/10	Sunny	2.0	10	82.2	Sand/gravel	Ac-228	14	5.2	640	18	—															
												Bi-212	37	21																		
												Bi-214	23	2.9																		
												K-40	620	16																		
												Pb-212	30	2.7																		
												Pb-214	24	2.9																		
												Th-234	44	25																		
												Tl-208	31	3.9																		
												106	Miyazaki Prefecture	Rivers				Oyodo River	Aioi Bridge	Miyazaki City	2014/9/9	Sunny	2.7	10	47.5	Silt	Ac-228	20	7.0	690	20	—
Be-7	64	46																														
Bi-212	35	31																														
Bi-214	27	2.9																														
K-40	580	25																														
Pb-212	41	3.0																														
Pb-214	28	3.9																														
Ra-226	55	39																														
Th-234	79	28																														
Tl-208	38	5.4																														
107	Kagoshima Prefecture	Rivers	Kotsuki River	Iwasaki Bridge	Kagoshima City	2014/9/7	Sunny	0.7	10	81.2	Sand				Ac-228	8.7	3.6										350	17	—			
															Bi-212	21	14															
												Bi-214	11	1.8																		
												K-40	320	15																		
												Pb-212	15	2.2																		
												Pb-214	12	2.3																		
108	Kagoshima Prefecture	Rivers	Kimotsuki River	Matase Bridge	Kanoya City	2014/9/5	Cloudy	0.8	10	80.3	Sand/gravel	Tl-208	14	3.1	370	18	—															
												Ac-228	7.1	3.6																		
												Bi-212	17	17																		
												Bi-214	10	2.1																		
												K-40	330	15																		
												Pb-212	14	2.2																		
109	Okinawa Prefecture	Rivers	Genka River	Water intake	Nago City	2014/9/17	Sunny	1.1	10	76.7	Sand	Pb-214	12	2.4	640	18	—															
												Th-234	23	20																		
												Tl-208	14	3.1																		
												Ac-228	7.1	3.6																		
												Bi-212	17	17																		
												Bi-214	10	2.1																		
			110	Okinawa Prefecture	Rivers	Miyara River	Omoto water intake	Ishigaki City	2014/9/15	Sunny	1.0	10	83.1	Sand/gravel	K-40	560	16	210	19	—												
															Pb-212	31	2.8															
															Pb-214	20	3.0															
															Ra-226	49	32															
															Th-234	26	26															
															Tl-208	23	4.1															
110	Okinawa Prefecture	Rivers	Miyara River	Omoto water intake	Ishigaki City	2014/9/15	Sunny	1.0	10	83.1	Sand/gravel	Ac-228	15	6.7	210	19	—															
												Bi-212	25	19																		
												Bi-214	13	3.1																		
												K-40	200	32																		
												Pb-212	17	2.8																		
												Pb-214	15	3.7																		
Tl-208	16	4.5																														

* This preliminary report does not contain counting errors concerning activity concentrations.

Results of Measurement in Public Water Areas (Surrounding Environment)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Left bank				Air dose rate (μSv/h)	Right bank				Remarks	
			Water area	Location	Municipality			Property	Detected γ-ray emitting radionuclides				Property	Detected γ-ray emitting radionuclides				Ambient dose rate (μSv/h)
									Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)			Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)		
1	Hokkaido Prefecture	Rivers	Ishikari River	Clean water intake at Ishikari River in Asahikawa City	Asahikawa City	2014/9/1	Sunny	Loamy	Bi-214	16	7.5	0.06	Loamy	Bi-214	16	9.1	0.06	—
				K-40	460				78	K-40	510			88				
2	Hokkaido Prefecture	Rivers	Ishikari River	Intake at the Shirakawa water purification plant in Sapporo City	Sapporo City	2014/10/24	Sunny	(No sampling conducted)	—	—	—	0.05	Sandy	Bi-214	14	6.8	0.004	Sampling location was changed to 600m upstream as the left riverbank of the predetermined location was concrete-covered and the right riverbank was a cliff. However, the left riverbank of the new sampling location was a cliff and sampling could not be conducted.
				Pb-212	26				6.3	Pb-212	21			7.3				
3	Hokkaido Prefecture	Rivers	Teshio River	Nakashibetsu Bridge (Intake at the Higashiyama water purification plant in Shibetsu City)	Shibetsu City	2014/9/1	Sunny	Loamy	Pb-214	16	11	0.05	Sandy	Ac-228	18	15	0.05	—
									Tl-208	14	12			K-40	420	70		
4	Hokkaido Prefecture	Rivers	Tokoro River	Tadashi Bridge	Kitami City	2014/8/29	Sunny	Sandy	Pb-212	32	9.2	0.05	Sandy	Pb-212	23	5.9	0.06	—
									—	—	—			Pb-214	12	6.4		
5	Hokkaido Prefecture	Rivers	Kushiro River	Intake at the Aikoku water purification plant in Kushiro City	Kushiro City	2014/8/28	Sunny	Sandy	Pb-214	24	11	0.04	Sandy	Pb-214	12	11	0.04	—
									—	—	—			—	—	—		
6	Hokkaido Prefecture	Rivers	Tokachi River	Nantai Bridge	Obihiro City	2014/8/28	Sunny	Sandy	Ac-228	52	46	0.05	Sandy	Ac-228	24	18	0.06	—
									—	—	—			Bi-214	20	8.3		
7	Hokkaido Prefecture	Rivers	Sarugawa River	Sarugawa Bridge (Tomigawa)	Hidaka Town	2014/9/2	Sunny	Sandy	—	—	—	0.05	Sandy	Bi-214	24	7.1	0.03	—
									—	—	—			Pb-212	21	7.3		
8	Hokkaido Prefecture	Rivers	Matsukura River	Mitsumoribashi Bridge (Before the confluence with Torasawa River)	Hakodate City	2014/8/26	Cloudy	Loamy	—	—	—	0.04	Sandy	Bi-214	17	15	0.04	—
									—	—	—			Pb-212	16	5.8		
9	Hokkaido Prefecture	Rivers	Iribeshi-toshibetsu River	Intake at the Kitahiyama simple water plant in Kitahiyama Town	Setana Town	2014/8/26	Sunny	Loamy	—	—	—	0.06	Loamy	Bi-214	20	9.1	0.06	—
									—	—	—			K-40	590	95		

Results of Measurement in Public Water Areas (Surrounding Environment)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Left bank				Right bank				Remarks		
			Water area	Location	Municipality			Property	Detected γ -ray emitting radionuclides			Air dose rate (μ Sv/h)	Property	Detected γ -ray emitting radionuclides			Ambient dose rate (μ Sv/h)	
									Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)			Radionuclides	Measured values (Bq/kg-dry)			Detection limits (Bq/kg-dry)
10	Aomori Prefecture	Rivers	Iwaki River	Tsugaru-ohashi Bridge	Nakadomari Town	2014/9/8	Sunny	Loamy	Ac-228	17	14	0.03	Loamy	Ac-228	49	16	0.04	-
									Bi-214	8.8	7.7			Bi-212	81	56		
									K-40	270	68			Bi-214	23	8.6		
									Pb-212	15	5.4			K-40	350	90		
									Pb-214	12	6.3			Pb-212	32	7.1		
									-	-	-			Pb-214	25	8.4		
									-	-	-			Ra-226	85	83		
-	-	-	Tl-208	34	14													
11	Aomori Prefecture	Rivers	Mabechi River	Shiriuchi Bridge	Hachinohe City	2014/9/9	Sunny	Loamy	Ac-228	29	14	0.03	Loamy	K-40	250	95	0.04	-
									K-40	220	77			Pb-212	12	7.8		
									Pb-212	15	5.7			Pb-214	13	9.6		
									Pb-214	10	7.0			Cs-137	11	5.1		
									Tl-208	18	11			-	-	-		
12	Iwate Prefecture	Rivers	Mabechi River	Fugane Bridge	Ninohe City	2014/9/15	Sunny	Sandy	K-40	240	54	0.04	Loamy	Ac-228	22	20	0.04	-
									Pb-212	12	4.8			K-40	270	85		
									Pb-214	7.9	5.6			Pb-212	18	7.1		
									-	-	-			Pb-214	11	8.9		
									-	-	-			Tl-208	15	12		
									-	-	-			Cs-134	8.0	4.9		
									-	-	-			Cs-137	32	4.9		
13	Iwate Prefecture	Rivers	Heigawa River	Miyako Bridge	Miyako City	2014/9/10	Cloudy	(No sampling conducted)	-	-	-	0.05	(No sampling conducted)	-	-	-	0.05	Unable to collect samples on both riverbanks due to being concrete-covered.
14			Kitakami River	Chitose Bridge	Ichinoseki City	2014/9/16	Cloudy	Loamy	Ac-228	20	19	0.06	Loamy	Ac-228	32	20	0.07	-
K-40	440	80	K-40	400	90													
Pb-212	18	7.8	Pb-212	19	12													
Cs-134	39	5.2	Cs-134	150	7.5													
Cs-137	110	5.3	Cs-137	480	6.8													
15	Miyagi Prefecture	Rivers	Abukuma River	Iwanuma (Abukuma Bridge)	Iwanuma City	2014/9/17	Cloudy	Sandy	K-40	410	81	0.06	Loamy	Ac-228	21	13	0.10	-
									Pb-212	21	9.9			Bi-212	54	53		
									Pb-214	17	12			Bi-214	18	7.3		
									Cs-134	170	6.5			K-40	570	74		
									Cs-137	510	6.5			Pb-212	34	7.2		
									-	-	-			Pb-214	16	8.6		
									-	-	-			Th-234	63	45		
									-	-	-			Tl-208	27	12		
									-	-	-			Cs-134	24	3.9		
									-	-	-			Cs-137	82	4.6		
16	Aomori Prefecture	Rivers	Natori River	Yuriage-ohashi Bridge	Natori City	2014/9/1	Cloudy	Sandy	Bi-214	7.8	7.5	0.04	Sandy	K-40	300	70	0.07	-
									K-40	410	78			Pb-212	13	7.0		
									Pb-212	15	6.7			Ra-226	73	72		
									Tl-208	14	11			Cs-134	54	3.9		
									Cs-134	17	4.1			Cs-137	170	3.9		
									Cs-137	58	4.4			-	-	-		
									-	-	-			-	-	-		
17	Akita Prefecture	Rivers	Yoneshiro River	Noshiro Bridge	Noshiro City	2014/9/7	Cloudy	Loamy	Bi-214	21	8.9	0.04	(No sampling conducted)	-	-	-	0.04	Unable to collect samples on the right riverbank due to being a cliff.
									K-40	460	98			-	-	-		
									Pb-212	34	7.8			-	-	-		
									Pb-214	19	9.6			-	-	-		
									Tl-208	27	14			-	-	-		
									Cs-137	7.0	4.7			-	-	-		
									-	-	-			-	-	-		

Results of Measurement in Public Water Areas (Surrounding Environment)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Left bank				Right bank				Remarks		
			Water area	Location	Municipality			Property	Detected γ -ray emitting radionuclides			Air dose rate (μ Sv/h)	Property	Detected γ -ray emitting radionuclides			Ambient dose rate (μ Sv/h)	
									Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)			Radionuclides	Measured values (Bq/kg-dry)			Detection limits (Bq/kg-dry)
18	Akita Prefecture	Rivers	Omono River	Kurose Bridge	Akita City	2014/9/4	Cloudy	Loamy	Bi-214	20	10	0.05	Loamy	Bi-214	27	9.4	0.05	-
									K-40	470	110			K-40	540	110		
									Pb-212	27	8.5			Pb-212	19	8.0		
									Pb-214	19	10			Pb-214	28	11		
									Th-234	63	61			Tl-208	25	15		
									Cs-134	5.0	4.3			-	-	-		
									Cs-137	21	5.2			-	-	-		
19	Yamagata Prefecture	Rivers	Mogami River	Ryou Bridge	Sakata City	2014/9/2	Sunny	Loamy	Ac-228	17	16	0.05	Loamy	Bi-214	14	10	0.05	-
									K-40	430	69			K-40	470	82		
									Pb-212	16	6.4			Pb-212	23	7.0		
									Pb-214	20	7.1			Pb-214	16	8.7		
									Tl-208	13	12			Tl-208	19	14		
									Cs-134	4.7	3.3			-	-	-		
									Cs-137	15	4.4			-	-	-		
20	Yamagata Prefecture	Rivers	Akagawa River	Shinkawa Bridge	Sakata City	2014/9/2	Sunny	Loamy	Ac-228	25	19	0.06	Loamy	Bi-214	15	8.9	0.05	-
									Bi-214	18	8.4			K-40	490	88		
									K-40	550	80			Pb-212	35	6.4		
									Pb-212	31	6.3			Pb-214	19	7.1		
									Pb-214	17	8.0			Tl-208	17	14		
									Tl-208	30	14			Cs-137	9.7	5.1		
									Cs-137	7.5	4.8			-	-	-		
21	Fukushima Prefecture	Rivers	Agano River	Shingo Dam	Kitakata City	2014/9/12	Sunny	(No sampling conducted)	-	-	-	0.08	Loamy	Bi-214	23	14	0.08	Unable to collect samples on the left riverbank due to being concrete-covered.
									-	-	-			K-40	420	100		
									-	-	-			Pb-212	35	11		
									-	-	-			Pb-214	21	15		
									-	-	-			Cs-134	180	6.9		
									-	-	-			Cs-137	550	7.3		
22	Fukushima Prefecture	Rivers	Abukuma River	Taisho Bridge (Fushiguro)	Date City	2014/9/17	Sunny	Loamy	K-40	540	91	0.30	Sandy	Ac-228	29	21	0.24	-
									Pb-212	30	16			K-40	400	77		
									Tl-208	36	30			Pb-212	24	16		
									Cs-134	550	10			Cs-134	470	11		
									Cs-137	1,700	9.3			Cs-137	1,500	9.3		
23	Fukushima Prefecture	Rivers	Kujigawa River	Takachihara Bridge	Yamatsuri Town	2014/9/18	Sunny	Loamy	Bi-214	23	13	0.10	Loamy	Ac-228	24	19	0.09	-
									K-40	650	110			Bi-214	23	12		
									Pb-212	57	11			K-40	570	110		
									Pb-214	25	15			Pb-212	54	9.3		
									Tl-208	50	19			Pb-214	31	13		
									Cs-134	120	7.0			Ra-226	140	100		
									Cs-137	370	7.8			Tl-208	56	18		
									-	-	-			Cs-134	93	6.2		
									-	-	-			Cs-137	280	6.5		
									-	-	-			-	-	-		
24	Ibaraki Prefecture	Lake	Lake Kasumigaura	Center	Miho Village	2014/9/4	Sunny	Sandy	Ac-228	15	14	0.12	-	-	-	-	-	-
									K-40	570	51							
									Pb-212	19	7.2							
									Pb-214	11	10							
									Ra-226	91	82							
									Cs-134	71	4.4							
Cs-137	230	4.6																

Results of Measurement in Public Water Areas (Surrounding Environment)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Left bank				Right bank				Remarks		
			Water area	Location	Municipality			Property	Detected γ -ray emitting radionuclides			Air dose rate (μ Sv/h)	Property	Detected γ -ray emitting radionuclides			Ambient dose rate (μ Sv/h)	
									Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)			Radionuclides	Measured values (Bq/kg-dry)			Detection limits (Bq/kg-dry)
25	Ibaraki Prefecture		Kokai River	Fumimaki Bridge	Toride City	2014/9/10	Cloudy	Loamy	Ac-228	17	15	0.10	Loamy	Ac-228	23	17	0.10	-
									Bi-214	18	12			Bi-214	13	12		
									K-40	480	97			K-40	470	110		
									Pb-212	37	9.7			Pb-212	31	10		
									Pb-214	24	14			Pb-214	18	15		
									Th-234	69	66			Tl-208	29	19		
									Tl-208	29	17			Cs-134	120	7.0		
									Cs-134	120	6.4			Cs-137	390	6.8		
26	Tochigi Prefecture		Nakagawa River	Shinnaka Bridge	Nakagawa Town	2014/9/8	Cloudy	Sandy	Ac-228	25	15	0.08	Loamy	Ac-228	19	14	0.07	-
									K-40	550	68			K-40	440	57		
									Pb-212	28	8.3			Pb-212	24	5.7		
									Pb-214	13	12			Pb-214	17	6.8		
									Tl-208	28	16			Tl-208	22	10		
									Cs-134	82	5.6			Cs-134	11	4.2		
									Cs-137	270	4.6			Cs-137	40	3.9		
27			Kinugawa River	Kinugawa Bridge (Hoshakujji Temple)	Utsunomiya City	2014/9/9	Sunny	Sandy	Ac-228	31	13	0.07	Sandy	Ac-228	35	13	0.08	-
									K-40	490	53			K-40	590	56		
									Pb-212	30	5.3			Pb-212	31	5.9		
									Pb-214	21	6.5			Pb-214	14	7.7		
									Tl-208	22	9.8			Tl-208	27	12		
									Cs-134	3.9	2.9			Cs-134	12	3.3		
									Cs-137	15	3.5			Cs-137	34	3.8		
28	Gunma Prefecture	Rivers	Tonegawa River	Tone-ozeki Weir	Chiyoda Town	2014/8/25	Cloudy	Loamy	Ac-228	29	19	0.05	Loamy	Ac-228	21	20	0.09	-
									K-40	360	84			K-40	440	85		
									Pb-212	19	7.7			Pb-212	22	10		
									Pb-214	13	10			Tl-208	30	23		
									Cs-134	47	5.3			Cs-134	200	8.0		
									Cs-137	130	5.3			Cs-137	580	7.1		
29			Watarase River	Watarase-ohashi Bridge	Tatebayashi City	2014/8/25	Rain	Sandy	Ac-228	22	15	0.05	Loamy	Bi-214	19	10	0.07	-
									Bi-214	19	8.8			K-40	470	100		
									K-40	540	39			Pb-212	37	9.0		
									Pb-212	28	7.3			Pb-214	23	11		
									Pb-214	18	9.2			Tl-208	32	16		
									Th-234	56	53			Cs-134	36	5.2		
									Tl-208	34	13			Cs-137	120	5.5		
									Cs-137	12	5.0			-	-	-		
30	Saitama Prefecture		Arakawa River	Kugebashi Bridge	Kumagaya City	2014/8/28	Cloudy	Loamy	Ac-228	28	16	0.08	Loamy	Bi-214	28	9.7	0.06	-
									Bi-214	66	56			K-40	530	100		
									K-40	470	70			Pb-212	34	9.0		
									Pb-212	32	7.5			Pb-214	23	11		
									Pb-214	23	11			Tl-208	25	17		
									Tl-208	24	14			Cs-134	38	4.8		
									Cs-134	63	5.9			Cs-137	130	5.5		
									Cs-137	190	5.4			-	-	-		
31			Arakawa River	Akigase Intake Weir	Saitama City/Shiki City	2014/8/29	Cloudy	Loamy	Ac-228	25	23	0.06	Loamy	Ac-228	21	19	0.06	-
									K-40	520	99			K-40	280	96		
									Pb-212	29	8.6			Pb-212	27	8.4		
									Pb-214	14	14			Pb-214	18	11		
									Cs-134	81	6.4			Tl-208	30	16		
									Cs-137	230	6.3			Cs-134	45	6.3		
														Cs-137	120	6.0		

Results of Measurement in Public Water Areas (Surrounding Environment)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Left bank				Right bank				Remarks		
			Water area	Location	Municipality			Property	Detected γ -ray emitting radionuclides			Air dose rate (μ Sv/h)	Property	Detected γ -ray emitting radionuclides			Ambient dose rate (μ Sv/h)	
									Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)			Radionuclides	Measured values (Bq/kg-dry)			Detection limits (Bq/kg-dry)
32	Saitama Prefecture		Edogawa River	Nagareyama Bridge	Nagareyama City (Chiba Prefecture) / Misato City	2014/8/27	Cloudy	Loamy	K-40	340	83	0.13	Loamy	Ac-228	29	19	0.12	-
									Pb-212	19	12			K-40	470	75		
									Pb-214	20	14			Pb-212	32	9.8		
									Tl-208	22	19			Cs-134	160	6.2		
									Cs-134	270	7.4			Cs-137	480	6.8		
									Cs-137	830	6.8			-	-	-		
33		Rivers	Tonegawa River	Kakozeki Weir	Tonosho Town	2014/9/1	Cloudy	Loamy	Bi-214	13	11	0.08	Clay-loamy	Ac-228	19	15	0.05	-
									K-40	410	96			K-40	410	72		
									Pb-212	23	9.2			Pb-212	24	6.3		
									Tl-208	20	17			Pb-214	13	8.0		
									Cs-134	84	5.9			Tl-208	17	13		
									Cs-137	260	5.7			Cs-134	8.2	4.0		
34	Chiba Prefecture		Ichinomiya	Nakano Bridge	Ichinomiya Town	2014/9/1	Cloudy	Sandy	-	-	-	0.05	Sandy	Cs-137	35	4.5	0.06	-
									Ac-228	22	16			K-40	370	72		
									K-40	370	76			Pb-212	18	7.7		
									Pb-212	18	7.1			Pb-214	14	10		
									Pb-214	17	8.7			Cs-134	58	4.7		
									Cs-134	31	4.1			Cs-137	170	5.1		
35		Lake	Lake Inbanuma	Lower area of Josuido water intake	Sakura City	2014/9/2	Sunny	Loamy	Cs-137	85	4.7	0.09	-	-	-	-	-	-
									K-40	240	120			-	-	-		
									Pb-212	21	16			-	-	-		
									Cs-134	440	11			-	-	-		
									Cs-137	1300	11			-	-	-		
									-	-	-			-	-	-		
36			Edogawa River	Shinkatsushika Bridge	Katsushika City	2014/8/27	Cloudy	Loamy	Bi-214	29	10	0.15	Loamy	K-40	410	67	0.13	-
									K-40	360	85			Pb-212	20	11		
									Pb-212	39	8.3			Ra-226	170	120		
									Pb-214	25	12			Cs-134	240	7.6		
									Tl-208	23	16			Cs-137	720	6.3		
									Cs-134	83	5.5			-	-	-		
37	Tokyo Metropolis	Rivers	Tamagawa River	Hajjima raw water supply point	Akishima City	2014/9/6	Sunny	Loamy	Ac-228	23	15	0.07	Sandy	Bi-214	16	6.9	0.08	-
									Bi-214	14	9.3			K-40	560	54		
									K-40	710	79			Pb-212	32	5.8		
									Pb-212	41	7.3			Pb-214	19	6.6		
									Pb-214	18	10			Th-234	66	54		
									Th-234	66	54			Ra-226	77	54		
									Tl-208	32	13			Tl-208	30	9.5		
									Cs-134	37	4.9			Cs-137	6.7	3.3		
									Cs-137	120	4.7			-	-	-		
									-	-	-			-	-	-		
38			Sumida River	Ryogoku Bridge	Chuo City / Sumida City	2014/8/25	Rain	-	-	-	0.07	-	-	-	0.06	Unable to collect samples on both riverbanks due to being concrete-covered.		
39			Arakawa River	Kasai Bridge	Koto City / Edogawa City	2014/8/26	Cloudy	Sandy	K-40	490	86	0.11	Sandy	K-40	380	74	0.09	-
									Pb-212	23	8.3			Pb-212	21	10		
									Pb-214	16	12			Pb-214	14	13		
									Cs-134	83	5.2			Tl-208	24	19		
									Cs-137	260	5.5			Cs-134	150	7.2		
									-	-	-			Cs-137	460	6.1		

Results of Measurement in Public Water Areas (Surrounding Environment)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Left bank					Right bank					Remarks						
			Water area	Location	Municipality			Property	Detected γ -ray emitting radionuclides			Air dose rate (μ Sv/h)	Property	Detected γ -ray emitting radionuclides			Ambient dose rate (μ Sv/h)							
									Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)			Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)								
40	Kanagawa Prefecture	Rivers	Tsurumi River	Rinko Tsurumi Bridge	Yokohama City	2014/9/16	Sunny	-	-	-	-	0.05	-	-	-	-	0.05	Unable to collect samples on both riverbanks due to being concrete-covered.						
41			Sagami River	Banyu Bridge	Hiratsuka City	2014/9/17	Cloudy	Sandy	Bi-214	41	9.0	0.04	Loamy	Bi-214	7.8	7.6	0.04	-						
									K-40	190	110			K-40	260	82								
									Pb-212	14	8.4			Pb-212	10	6.6								
									Pb-214	43	11			Pb-214	12	7.8								
									Tl-208	22	16			Cs-134	7.1	3.4								
									Cs-134	46	5.2			Cs-137	21	3.7								
									Cs-137	130	4.9			-	-	-								
42					Sakawa River	Sakawa Bridge	Odawara City	2014/9/17	Cloudy	Loamy	K-40	190	74	0.03	Loamy	K-40	170	81	0.03	-				
									Pb-214	7.1	6.0	Pb-214	8.5			7.5								
									Cs-134	5.1	3.6	Cs-134	13			5.0								
									Cs-137	14	4.3	Cs-137	47			4.5								
43	Niigata Prefecture	Rivers	Shinano River	Heisei-ohashi Bridge	Niigata City	2014/8/27	Cloudy	Loamy	Ac-228	32	18	0.07	Loamy	Ac-228	24	21	0.07	-						
																			K-40	650	80	K-40	400	93
																			Pb-212	33	6.8	Pb-212	40	6.9
																			Pb-214	18	8.8	Pb-214	26	9.3
																			Tl-208	25	13	Ra-226	80	77
																			Cs-137	6.7	5.5	Tl-208	35	15
44					Agano River	Oun Bridge	Niigata City	2014/8/27	Rain	Sandy	Ac-228	14	14	0.06	Loamy	Ac-228	28	18	0.07	-				
																	Bi-212	78			51	Bi-214	26	11
																	Bi-214	18			7.6	K-40	780	110
																	K-40	550			79	Pb-212	55	9.6
																	Pb-212	38			6.8	Pb-214	27	13
																	Pb-214	18			8.2	Th-234	100	67
													Tl-208			29	12	Tl-208			38	16		
													-			-	-	Cs-134			41	5.4		
50	Yamanashi Prefecture	Rivers	Sagami River	Katsuragawa Bridge	Uenohara City	2014/9/18	Cloudy	Loamy	Ac-228	19	18	0.05	Loamy	K-40	170	120	0.05	-						
																			Bi-214	18	10	Pb-212	16	9.7
																			K-40	410	120	Pb-214	12	12
																			Pb-212	29	9.1	Cs-134	34	4.9
																			Pb-214	15	11	Cs-137	88	5.2
																			Tl-208	22	16	-	-	-
51					Fujikawa River	Manbu Bridge	Nanbu Town	2014/9/11	Cloudy	Loamy	Bi-214	13	11	0.06	Sandy	Ac-228	29	16	0.05	-				
																	K-40	380			110	K-40	570	65
																	Pb-212	30			8.1	Pb-212	28	6.0
																	Pb-214	19			11	Pb-214	18	7.2
																	Tl-208	27			14	Ra-226	90	63
																	Cs-137	13			5.3	Tl-208	21	11
													-			-	-	Cs-134			3.7	3.6		
57	Shizuoka Prefecture	Rivers	Karino River	Karino River Kurose Bridge	Numazu City	2014/9/12	Sunny	Loamy	K-40	170	65	0.03	Loamy	Cs-137	7.1	4.3	0.03	-						
																			Pb-212	7.8	4.8	K-40	150	60
																			Pb-214	8.4	6.1	Cs-137	4.8	3.0
																			Cs-137	6.0	3.7	-	-	-

Results of Measurement in Public Water Areas (Surrounding Environment)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Left bank				Right bank				Remarks		
			Water area	Location	Municipality			Property	Detected γ -ray emitting radionuclides			Air dose rate (μ Sv/h)	Property	Detected γ -ray emitting radionuclides			Ambient dose rate (μ Sv/h)	
									Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)			Radionuclides	Measured values (Bq/kg-dry)			Detection limits (Bq/kg-dry)
58	Shizuoka Prefecture	Rivers	Oigawa River	Oigawa River Fujimi Bridge	Yaizu City /Yoshida Town	2014/9/16	Sunny	Loamy	Ac-228	39	15	0.07	Loamy	Ac-228	41	13	0.07	-
									K-40	490	65			K-40	530	63		
									Pb-212	36	6.4			Pb-212	34	5.8		
									Pb-214	29	7.8			Pb-214	24	7.3		
									Tl-208	31	13			Tl-208	26	12		
									Cs-134	18	4.1			Cs-134	8.7	3.1		
Cs-137	52	4.5	Cs-137	14	3.1													
59		Rivers	Tenryu River	Tenryu River Kaketsuka Bridge	Iwata City /Hamamatsu City	2014/9/10	Sunny	Sandy	Ac-228	22	14	0.06	Sandy	Ac-228	25	16	0.06	-
									Bi-214	18	6.4			K-40	540	68		
									K-40	550	5.5			Pb-212	32	5.8		
									Pb-212	25	5.6			Pb-214	23	6.6		
									Pb-214	21	6.1			Tl-208	23	11		
									Tl-208	26	9.5			Cs-137	10	4.1		
Bi-214	31	8.7	Be-7	41	34													
45	Toyama Prefecture	Rivers	Jinzu River	Hagiura Bridge	Toyama City	2014/9/7	Sunny	Loamy	K-40	700	92	0.08	Loamy	Bi-214	30	8.6	0.07	-
									Pb-212	40	7.9			K-40	700	91		
									Pb-214	27	8.7			Pb-212	42	7.2		
									Tl-208	40	13			Pb-214	31	9.2		
									-	-	-			Tl-208	33	13		
									-	-	-			-	-	-		
46	Ishikawa Prefecture	Rivers	Saigawa River	Okuwa Bridge	Kanazawa City	2014/9/10	Sunny	Sandy	Ac-228	29	18	0.06	Sandy	Ac-228	34	19	0.08	On the right riverbank, the soil sampling location and ambient dose rate measuring location were slightly different.
									Bi-214	23	7.9			Bi-212	80	57		
									K-40	710	77			Bi-214	22	7.7		
									Pb-212	32	7.0			K-40	540	77		
									Pb-214	22	8.0			Pb-212	41	6.3		
									Tl-208	31	12			Pb-214	18	8.0		
-	-	-	Tl-208	32	12													
47		Rivers	Tedoru River	Hakusangoguchi dike	Hakusan City	2014/9/9	Sunny	Sandy	Ac-228	20	16	0.08	Loamy	Ac-228	42	17	0.08	Sampling on the left riverbank was conducted 1km upstream because the predetermined location was off limits.
									Bi-214	19	8.4			Bi-214	22	9.6		
									K-40	790	88			K-40	670	83		
									Pb-212	36	7.8			Pb-212	40	7.2		
									Pb-214	28	8.4			Pb-214	27	8.7		
									Tl-208	32	12			Th-234	75	57		
-	-	-	Tl-208	32	15													
48	Fukui Prefecture	Rivers	Kuzuryu River	Fuseda Bridge	Fukui City	2014/9/12	Sunny	Loamy	Ac-228	27	16	0.07	Loamy	Ac-228	18	14	0.08	-
									Bi-212	62	57			Bi-214	25	8.5		
									Bi-214	24	7.7			K-40	630	92		
									K-40	660	74			Pb-212	44	6.9		
									Pb-212	43	6.5			Pb-214	23	9.2		
									Pb-214	27	8.0			Tl-208	30	13		
Tl-208	36	12	Cs-137	9.2	4.4													
49		Rivers	Kitagawa River	Takatsuka Bridge	Obama City	2014/9/16	Sunny	Sandy	Ac-228	24	14	0.07	Sandy	Ac-228	36	16	0.07	-
									Bi-214	24	8.5			Bi-212	59	55		
									K-40	720	82			Bi-214	20	7.2		
									Pb-212	45	7.3			K-40	600	65		
									Pb-214	22	8.9			Pb-212	45	6.2		
									Ra-226	100	71			Pb-214	24	7.4		
Tl-208	35	12	Tl-208	30	12													

Results of Measurement in Public Water Areas (Surrounding Environment)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Left bank				Right bank				Remarks		
			Water area	Location	Municipality			Property	Detected γ -ray emitting radionuclides			Air dose rate (μ Sv/h)	Property	Detected γ -ray emitting radionuclides			Ambient dose rate (μ Sv/h)	
									Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)			Radionuclides	Measured values (Bq/kg-dry)			Detection limits (Bq/kg-dry)
52	Nagano Prefecture	Rivers	Shinano River	Ozeki Bridge	Iiyama City	2014/9/17	Cloudy	Loamy	Bi-214	25	14	0.08	Loamy	Bi-214	31	9.1	0.07	On the left riverbank, the soil sampling location and ambient dose rate measuring location were slightly different.
									K-40	480	110			K-40	510	95		
									Pb-212	50	10			Pb-212	43	8.3		
									Pb-214	26	15			Pb-214	25	10		
									Tl-208	37	19			Tl-208	28	14		
									Cs-134	110	7.0			Cs-134	33	4.9		
Cs-137	350	6.9	Cs-137	94	5.5													
53	Nagano Prefecture	Rivers	Saigawa River	Koichi Bridge	Nagano City	2014/9/18	Sunny	Sandy	Ac-228	21	13	0.09	Loamy	Bi-214	24	9.2	0.06	On both riverbanks, the soil sampling location and ambient dose rate measuring location were slightly different.
									Bi-214	26	8.3			K-40	600	87		
									K-40	590	81			Pb-212	45	7.3		
									Pb-212	37	6.7			Pb-214	24	9.7		
									Pb-214	23	9.0			Tl-208	38	13		
									Tl-208	22	13			Cs-134	26	4.1		
									Cs-134	30	4.3			Cs-137	82	4.9		
									Cs-137	87	4.8			-	-	-		
54	Nagano Prefecture	Rivers	Tenryu River	Tsuetsuji Bridge	Iida City	2014/9/19	Cloudy	Loamy	Ac-228	68	19	0.09	Loamy	Ac-228	51	26	0.10	-
									Bi-212	79	72			Bi-212	92	89		
									Bi-214	30	8.7			Bi-214	28	11		
									K-40	550	79			K-40	410	100		
									Pb-212	61	6.5			Pb-212	71	8.4		
									Pb-214	34	8.2			Pb-214	38	9.8		
									Ra-226	79	76			Th-234	81	69		
									Th-234	79	57			Tl-208	44	19		
									Tl-208	45	15			Cs-137	13	5.3		
									Cs-137	5.2	5.1			-	-	-		
									-	-	-			-	-	-		
									55	Gifu Prefecture	Rivers			Kisogawa River	Tokai-ohashi Bridge(Naruto)	Kaizu City		
Bi-212	100	57	Bi-212	87	82													
Bi-214	24	7.9	Bi-214	30	12													
K-40	920	79	K-40	820	110													
Pb-212	58	6.8	Pb-212	67	8.2													
Pb-214	33	8.4	Pb-214	31	11													
Ra-226	130	71	Ra-226	130	100													
Th-234	79	53	Tl-208	41	18													
Tl-208	56	12	Cs-137	7.6	5.8													
Cs-137	59	22	-	-	-													
56	Gifu Prefecture	Rivers	Nagara River	Tokai-ohashi Bridge	Kaizu City	2014/9/5	Cloudy	Loamy	Ac-228	59	22	0.08	Loamy	Ac-228	40	19	0.05	-
									Bi-214	33	10			Bi-212	81	61		
									K-40	840	93			Bi-214	15	9.7		
									Pb-212	64	7.3			K-40	570	80		
									Pb-214	30	11			Pb-212	47	7.1		
									Tl-208	48	16			Pb-214	24	9.6		
									-	-	-			Tl-208	28	13		
									-	-	-			-	-	-		
60	Aichi Prefecture	Rivers	Shonai River	Miwakare Bridge	Nagoya City	2014/9/8	Sunny	Loamy	Ac-228	31	19	0.07	Sandy	Ac-228	36	17	0.06	-
									Bi-214	23	9.3			Bi-214	23	7.6		
									K-40	690	72			K-40	640	66		
									Pb-212	51	6.2			Pb-212	36	5.6		
									Pb-214	28	9.0			Pb-214	26	7.4		
									Ra-226	110	67			Tl-208	27	12		
									Tl-208	47	13			-	-	-		
									-	-	-			-	-	-		

Results of Measurement in Public Water Areas (Surrounding Environment)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Left bank				Right bank				Remarks		
			Water area	Location	Municipality			Property	Detected γ -ray emitting radionuclides			Air dose rate (μ Sv/h)	Property	Detected γ -ray emitting radionuclides			Ambient dose rate (μ Sv/h)	
									Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)			Radionuclides	Measured values (Bq/kg-dry)			Detection limits (Bq/kg-dry)
61	Aichi Prefecture	Rivers	Yahagi River	Iwazutenjin Bridge	Okazaki City/Toyota City	2014/9/8	Cloudy	Sandy	Ac-228	38	19	0.07	Sandy	Ac-228	32	16	0.07	-
									Bi-214	17	7.5			Bi-214	14	8.4		
									K-40	780	74			K-40	800	63		
									Pb-212	40	7.0			Pb-212	39	6.5		
									Pb-214	18	8.5			Pb-214	17	8.1		
									Tl-208	34	12			Tl-208	29	12		
62	Aichi Prefecture	Rivers	Toyogawa River	Eshima Bridge	Toyokawa City	2014/9/9	Sunny	Sandy	Bi-212	61	48	0.05	Loamy	Bi-212	66	63	0.05	-
									Bi-214	11	7.4			Bi-214	22	9.2		
									K-40	420	76			K-40	530	98		
									Pb-212	21	6.2			Pb-212	38	7.0		
									Pb-214	17	7.4			Pb-214	24	9.9		
									Th-234	50	46			Ra-226	84	82		
									Tl-208	28	11			Th-234	54	53		
									Cs-137	6.6	3.4			Tl-208	30	14		
									-	-	-			Cs-137	12	4.9		
									Ac-228	23	17			Ac-228	26	16		
									Bi-212	77	64			Bi-212	110	59		
Bi-214	22	9.1	Bi-214	29	9.1													
K-40	760	84	K-40	760	90													
Pb-212	53	7.2	Pb-212	66	7.6													
Pb-214	40	8.5	Pb-214	31	9.4													
Th-234	100	51	Ra-226	90	80													
Tl-208	52	12	Tl-208	48	14													
63	Mie Prefecture	Rivers	Suzuka River	Ogura Bridge	Yokkaichi City	2014/9/3	Cloudy	Loamy	Ac-228	41	19	0.08	Loamy	Ac-228	37	15	0.08	-
									Bi-214	22	8.1			Bi-214	28	7.3		
									K-40	500	80			K-40	710	63		
									Pb-212	47	7.2			Pb-212	38	5.9		
									Pb-214	15	9.6			Pb-214	32	7.3		
									Tl-208	28	13			Tl-208	37	9.5		
64	Mie Prefecture	Rivers	Miyakawa River	Watarai Bridge	Ise City	2014/9/3	Cloudy	Loamy	Ac-228	41	19	0.05	Loamy	Ac-228	37	15	0.06	-
									Bi-214	22	8.1			Bi-214	28	7.3		
									K-40	500	80			K-40	710	63		
									Pb-212	47	7.2			Pb-212	38	5.9		
									Pb-214	15	9.6			Pb-214	32	7.3		
									Tl-208	28	13			Tl-208	37	9.5		
65	Shiga Prefecture	Rivers	Adogawa River	Joan Bridge	Takashima City	2014/9/4	Cloudy	Loamy	Bi-214	20	9.2	0.05	Sandy	Ac-228	47	15	0.13	-
									K-40	500	99			Bi-212	130	63		
									Pb-212	44	6.9			Bi-214	43	8.3		
									Pb-214	23	9.2			K-40	1,000	78		
									Tl-208	28	13			Pb-212	110	7.1		
									-	-	-			Pb-214	48	8.7		
									-	-	-			Ra-226	140	79		
									-	-	-			Th-234	130	54		
									-	-	-			Tl-208	100	13		
									-	-	-			Cs-137	4.6	4.6		
									66	-	Lake			Lake Biwako	Karasakioki-Chuo	-		
K-40	980	65																
Pb-212	12	4.7																
Pb-214	10	6.1																
Tl-208	14	9.0																
67	Kyoto Prefecture	Rivers	Yuragawa River	Yuragawa Bridge	Maizuru City	2014/9/17	Cloudy	Loamy	Ac-228	18	16	0.06	Loamy	Ac-228	26	19	0.05	-
									Bi-214	15	7.4			Bi-214	18	9.0		
									K-40	500	68			K-40	480	76		
									Pb-212	31	5.4			Pb-212	36	6.6		
									Pb-214	18	7.4			Pb-214	24	9.0		
									Tl-208	14	12			Tl-208	28	13		
									Cs-137	3.4	3.4			-	-	-		
									-	-	-			-	-	-		

Results of Measurement in Public Water Areas (Surrounding Environment)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Left bank				Air dose rate (μSv/h)	Right bank				Remarks	
			Water area	Location	Municipality			Property	Detected γ-ray emitting radionuclides				Property	Detected γ-ray emitting radionuclides				Ambient dose rate (μSv/h)
									Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)			Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)		
68	Kyoto Prefecture	Rivers	Katsura River	Before the confluence of three tributaries of Katsura River	Oyamazaki Town	2014/9/18	Sunny	Loamy	Ac-228	42	21	0.07	Sandy	Ac-228	30	16	0.06	-
									Bi-214	25	10			Bi-214	19	7.2		
									K-40	690	88			K-40	580	63		
									Pb-212	53	7.3			Pb-212	32	5.8		
									Pb-214	30	9.6			Pb-214	20	6.9		
									Ra-226	92	79			Tl-208	30	11		
									Tl-208	52	15			-	-	-		
									Cs-137	5.4	5.2			-	-	-		
69	Osaka Prefecture	Rivers	Inagawa River	Gunko Bridge	Itami City (Hyogo Prefecture)	2014/9/11	Sunny	Sandy	Ac-228	43	15	0.10	Sandy	Ac-228	45	16	0.10	-
									Bi-212	160	61			Bi-212	76	70		
									Bi-214	43	8.7			Bi-214	53	8.4		
									K-40	1,000	80			K-40	1,000	76		
									Pb-212	100	6.8			Pb-212	100	7.1		
									Pb-214	56	8.5			Pb-214	67	8.7		
									Ra-226	130	77			Ra-226	140	81		
									Th-234	150	58			Th-234	120	59		
Tl-208	92	13	Tl-208	100	11													
70	Osaka Prefecture	Rivers	Yodogawa River	Sugaharashirokita-ohashi Bridge	Osaka City	2014/9/12	Sunny	Loamy	Ac-228	29	17	0.09	Loamy	Ac-228	34	21	0.07	-
									Bi-214	21	8.1			Bi-214	23	9.7		
									K-40	750	70			K-40	750	80		
									Pb-212	36	5.9			Pb-212	49	7.2		
									Pb-214	22	8.1			Pb-214	30	9.2		
									Tl-208	21	14			Th-234	58	51		
									-	-	-			Tl-208	32	16		
									-	-	-			-	-	-		
71	Osaka Prefecture	Rivers	Ishikawa River	Takahashi	Tondabayashi City	2014/9/16	Sunny	Loamy	Ac-228	19	14	0.08	Loamy	Bi-214	16	9.6	0.08	-
									Bi-212	59	53			K-40	650	92		
									Bi-214	20	6.8			Pb-212	39	7.2		
									K-40	660	76			Pb-214	25	9.2		
									Pb-212	36	6.0			Tl-208	39	13		
									Pb-214	19	7.0			-	-	-		
									Ra-226	75	72			-	-	-		
									Tl-208	32	12			-	-	-		
72	Hyogo Prefecture	Rivers	Kakogawa River	Kakogawa Bridge	Kakogawa City	2014/9/9	Sunny	Loamy	Bi-214	29	9.6	0.09	Loamy	Ac-228	18	15	0.07	-
									K-40	670	93			Bi-214	26	7.8		
									Pb-212	48	7.4			K-40	610	80		
									Pb-214	32	9.2			Pb-212	36	6.3		
									Ra-226	96	78			Pb-214	27	7.8		
									Tl-208	34	14			Th-234	61	51		
									-	-	-			Tl-208	26	12		
									-	-	-			-	-	-		
73	Hyogo Prefecture	Rivers	Mukogawa River	Hyakkenbi	Takarazuka City	2014/9/10	Sunny	Loamy	Ac-228	82	18	0.10	Loamy	Ac-228	65	22	0.12	-
									Bi-212	100	63			Bi-212	100	74		
									Bi-214	44	8.5			Bi-214	39	8.7		
									K-40	920	73			K-40	970	76		
									Pb-212	90	7.1			Pb-212	88	7.3		
									Pb-214	51	9.6			Pb-214	48	8.8		
									Ra-226	140	74			Ra-226	93	82		
									Th-234	100	60			Tl-208	81	13		
Tl-208	60	15	-	-	-													

Results of Measurement in Public Water Areas (Surrounding Environment)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Left bank				Right bank				Remarks		
			Water area	Location	Municipality			Property	Detected γ -ray emitting radionuclides			Air dose rate (μ Sv/h)	Property	Detected γ -ray emitting radionuclides			Ambient dose rate (μ Sv/h)	
									Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)			Radionuclides	Measured values (Bq/kg-dry)			Detection limits (Bq/kg-dry)
74	Hyogo Prefecture	Rivers	Maruyama River	kaminogo Bridge	Toyooka City	2014/9/8	Sunny	Sandy	Ac-228	35	15	0.09	Loamy	Ac-228	18	17	0.05	-
									Bi-212	110	65			Bi-212	63	54		
									Bi-214	37	8.1			Bi-214	24	8.6		
									K-40	810	76			K-40	580	94		
									Pb-212	81	6.5			Pb-212	33	7.2		
									Pb-214	42	9.0			Pb-214	25	9.0		
									Ra-226	84	74			Ra-226	85	83		
									Th-234	99	54			Tl-208	35	13		
			Tl-208	68	10													
75	Nara Prefecture	Rivers	Yamato River	Fujii	Oji Town	2014/9/11	Sunny	Loamy	Ac-228	17	13	0.07	Loamy	Bi-214	12	10	0.06	-
									Bi-214	12	8.8			K-40	670	93		
									K-40	540	83			Pb-212	22	7.6		
									Pb-212	31	6.9			Pb-214	20	9.5		
									Pb-214	25	7.9			Tl-208	23	14		
									Tl-208	34	12			-	-	-		
									-	-	-			-	-	-		
									-	-	-			-	-	-		
76	Nara Prefecture	Rivers	Kinokawa River	Kuramae Bridge	Gojo City	2014/9/10	Sunny	Loamy	Ac-228	26	19	0.06	Sandy	Ac-228	36	13	0.06	-
									Bi-214	30	8.1			Bi-214	17	7.1		
									K-40	530	76			K-40	590	60		
									Pb-212	42	7.2			Pb-212	30	5.5		
									Pb-214	26	9.0			Pb-214	23	6.1		
									Ra-226	100	70			Tl-208	26	10		
									Tl-208	27	14			-	-	-		
									-	-	-			-	-	-		
77	Wakayama Prefecture	Rivers	Kinokawa River	Shinrokaizeki Weir	Wakayama City	2014/9/17	Sunny	Loamy	Ac-228	38	17	0.07	Loamy	Ac-228	39	17	0.06	-
									Bi-214	26	6.6			Bi-212	58	52		
									K-40	600	78			Bi-214	21	8.2		
									Pb-212	37	6.4			K-40	510	86		
									Pb-214	17	9.7			Pb-212	39	5.9		
									Tl-208	31	14			Pb-214	29	8.2		
									-	-	-			Tl-208	28	13		
									-	-	-			-	-	-		
78	Nara Prefecture	Rivers	Kumano River	Kumano-ohashi Bridge	Shingu City	2014/9/16	Sunny	-	-	-	-	0.06	-	-	-	0.08	Nearby soil samples were not collected as there was no river bed. Ambient dose rate was measured 300m downstream on the right riverbank and 700m upstream on the left riverbank as the sampling location was under bank protection works.	
79	Tottori Prefecture	Rivers	Sendai River	Gyotoku	Tottori City	2014/8/28	Cloudy	Loamy	Ac-228	53	18	0.08	Loamy	Ac-228	54	23	0.09	-
									Bi-214	20	9.7			Bi-214	18	11		
									K-40	800	95			K-40	930	89		
									Pb-212	48	7.0			Pb-212	59	7.8		
									Pb-214	34	8.3			Pb-214	32	9.4		
									Tl-208	39	13			Ra-226	94	84		
									-	-	-			Tl-208	44	17		
									-	-	-			-	-	-		
80	Shimane Prefecture	Rivers	Hiikawa River	Kandatsu Bridge	Izumo City	2014/8/29	Cloudy	Sandy	Ac-228	29	18	0.06	Loamy	Ac-228	46	15	0.07	-
									Bi-214	14	8.5			Bi-214	23	7.2		
									K-40	730	71			K-40	800	68		
									Pb-212	36	6.0			Pb-212	40	6.5		
									Pb-214	27	7.1			Pb-214	24	7.5		
									Tl-208	28	13			Tl-208	39	11		

Results of Measurement in Public Water Areas (Surrounding Environment)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Left bank				Air dose rate (μSv/h)	Right bank				Remarks	
			Water area	Location	Municipality			Property	Detected γ-ray emitting radionuclides				Property	Detected γ-ray emitting radionuclides				Ambient dose rate (μSv/h)
									Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)			Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)		
81	Shimane Prefecture		Gonokawa River	Sakurae-ohashi Bridge	Gotsu City	2014/9/1	Cloudy	Loamy	Ac-228	52	20	0.08	Loamy	Ac-228	48	16	0.07	-
									Bi-214	28	10			Bi-212	63	58		
									K-40	610	93			Bi-214	19	8.1		
									Pb-212	62	7.2			K-40	730	68		
									Pb-214	36	10			Pb-212	37	6.4		
									Ra-226	96	85			Pb-214	26	8.0		
									Th-234	70	64			Tl-208	32	12		
									Tl-208	43	14			-	-	-		
82	Okayama Prefecture		Asahi River	Otoite Weir	Okayama City	2014/8/30	Sunny	Loamy	Bi-214	22	8.2	0.08	Sandy	Ac-228	20	17	0.07	-
									K-40	1,000	75			Bi-214	21	9.0		
									Pb-212	28	6.6			K-40	890	89		
									Pb-214	32	7.3			Pb-212	56	7.5		
									Ra-226	81	73			Pb-214	26	9.0		
									Tl-208	26	11			Ra-226	96	78		
									-	-	-			Th-234	73	56		
									-	-	-			Tl-208	45	13		
83			Takahashi River	Kasumi Bridge	Kurashiki City	2014/8/30	Sunny	Loamy	Ac-228	67	21	0.09	Loamy	Ac-228	30	19	0.08	-
									Bi-212	89	68			Bi-212	79	69		
									Bi-214	30	9.3			Bi-214	28	9.5		
									K-40	850	82			K-40	720	100		
									Pb-212	62	7.5			Pb-212	51	7.9		
									Pb-214	45	8.7			Pb-214	25	10		
									Ra-226	88	75			Ra-226	110	84		
									Tl-208	56	14			Tl-208	52	14		
84	Hiroshima Prefecture	Rivers	Ota River	Clean water intake in Hesaka	Hiroshima City	2014/9/2	Cloudy	Loamy	Ac-228	45	18	0.07	Sandy	Ac-228	44	16	0.09	-
									Bi-212	90	61			Bi-214	25	7.6		
									Bi-214	26	8.1			K-40	990	65		
									K-40	830	79			Pb-212	43	6.0		
									Pb-212	55	6.6			Pb-214	32	7.6		
									Pb-214	31	8.9			Tl-208	42	10		
									Ra-226	92	76			-	-	-		
									Tl-208	53	12			-	-	-		
85			Ashida River	Kominomi Bridge	Fukuyama City	2014/9/5	Sunny	Loamy	Bi-214	24	10	0.07	Loamy	Ac-228	33	15	0.08	-
									K-40	790	100			Bi-212	67	64		
									Pb-212	52	8.2			Bi-214	37	8.3		
									Pb-214	28	10			K-40	820	82		
									Tl-208	54	14			Pb-212	63	6.9		
									-	-	-			Pb-214	34	8.4		
									-	-	-			Ra-226	120	78		
									-	-	-			Th-234	110	52		
-	-	-	Tl-208	50	13													
86	Yamaguchi Prefecture		Nishiki River	Clean water intake for the city	Iwakuni City	2014/9/4	Rain	Loamy	Ac-228	54	18	0.10	Sandy	Ac-228	120	18	0.11	-
									Bi-214	29	8.5			Bi-212	140	66		
									K-40	850	66			Bi-214	52	8.2		
									Pb-212	47	6.3			K-40	760	69		
									Pb-214	28	8.6			Pb-212	130	7.2		
									Ra-226	110	70			Pb-214	65	8.9		
									Th-234	63	50			Ra-226	93	88		
									Tl-208	38	13			Th-234	100	67		
-	-	-	Tl-208	120	13													

Results of Measurement in Public Water Areas (Surrounding Environment)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Left bank				Air dose rate (μSv/h)	Right bank				Remarks	
			Water area	Location	Municipality			Property	Detected γ-ray emitting radionuclides				Property	Detected γ-ray emitting radionuclides				Ambient dose rate (μSv/h)
									Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)			Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)		
87	Yamaguchi Prefecture		Kotogawa River	Suenobu Bridge	Ube City	2014/9/3	Cloudy	Loamy	Ac-228	88	18	0.08	Loamy	Ac-228	89	22	0.10	-
									Bi-212	86	71			Bi-212	130	77		
									Bi-214	46	9.5			Bi-214	67	10		
									K-40	940	74			K-40	1,100	79		
									Pb-212	80	7.0			Pb-212	110	8.6		
									Pb-214	66	9.1			Pb-214	68	11		
									Ra-226	170	76			Ra-226	190	89		
									Th-234	87	68			Th-234	150	74		
TI-208	74	13	TI-208	90	17													
88	Tokushima Prefecture		Yoshino River	Takase Bridge	Ishii Town	2014/9/16	Sunny	Sandy	Bi-212	71	52	0.05	Loamy	Ac-228	34	21	0.07	-
									Bi-214	20	6.4			Bi-214	25	9.3		
									K-40	560	69			K-40	750	85		
									Pb-212	31	6.0			Pb-212	51	7.7		
									Pb-214	16	7.8			Pb-214	25	10		
									TI-208	36	11			Ra-226	86	76		
									-	-	-			TI-208	36	14		
									-	-	-							
89			Nakagawa River	Nakagawa Bridge	Anan City	2014/9/17	Cloudy	Sandy	Ac-228	34	16	0.07	Sandy	Ac-228	22	17	0.07	-
									Bi-214	25	7.1			Bi-214	21	6.9		
									K-40	570	66			K-40	670	67		
									Pb-212	35	5.5			Pb-212	38	5.7		
									Pb-214	27	6.8			Pb-214	23	7.8		
									TI-208	37	9.4			Ra-226	72	63		
									-	-	-			TI-208	32	11		
									-	-	-							
90	Kagawa Prefecture	Rivers	Dokigawa River	Marugame Bridge	Marugame City	2014/9/12	Sunny	Sandy	Ac-228	18	15	0.08	Loamy	Bi-214	26	8.5	0.08	-
									Bi-214	16	9.3			K-40	770	95		
									K-40	790	87			Pb-212	50	7.5		
									Pb-212	45	7.1			Pb-214	26	9.3		
									Pb-214	22	8.2			Th-234	59	55		
									Ra-226	93	77			TI-208	53	14		
									TI-208	37	13			-	-	-		
									-	-	-							
91	Ehime Prefecture		Shigenobu River	Deai Bridge	Matsuyama City	2014/9/9	Sunny	Loamy	Ac-228	57	17	0.09	Loamy	Ac-228	24	19	0.07	-
									Bi-212	71	58			Bi-214	13	8.7		
									Bi-214	27	7.7			K-40	590	82		
									K-40	810	67			Pb-212	30	6.8		
									Pb-212	65	6.1			Pb-214	18	8.7		
									Pb-214	26	8.3			TI-208	19	14		
									Th-234	84	49			-	-	-		
									TI-208	48	14							
92			Hijikawa River	Hijikawa Bridge	Ozu City	2014/9/8	Sunny	Loamy	Ac-228	26	18	0.03	Loamy	Ac-228	49	20	0.06	-
									Bi-214	13	9.4			Bi-214	15	11		
									K-40	400	83			K-40	670	90		
									Pb-212	34	7.5			Pb-212	44	8.0		
									Pb-214	14	8.9			Pb-214	20	9.9		
									Ra-226	72	70			TI-208	36	14		
									TI-208	26	14			-	-	-		
									-	-	-							
93	Kochi Prefecture		Kagami River	Kachuzeki Weir	Kochi City	2014/9/11	Sunny	Loamy	Ac-228	20	15	0.04	Loamy	Ac-228	25	15	0.06	-
									Bi-214	26	8.5			Bi-214	23	8.2		
									K-40	380	85			K-40	510	79		
									Pb-212	46	7.2			Pb-212	53	6.5		
									Pb-214	34	8.6			Pb-214	36	8.2		
									Th-234	63	50			Th-234	70	51		
									TI-208	49	13			TI-208	52	11		
									Cs-137	5.8	3.8			-	-	-		

Results of Measurement in Public Water Areas (Surrounding Environment)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Left bank				Right bank				Remarks		
			Water area	Location	Municipality			Property	Detected γ -ray emitting radionuclides			Air dose rate (μ Sv/h)	Property	Detected γ -ray emitting radionuclides			Ambient dose rate (μ Sv/h)	
									Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)			Radionuclides	Measured values (Bq/kg-dry)			Detection limits (Bq/kg-dry)
94	Kochi Prefecture	Rivers	Niyodo River	Hatazeki Weir (1) Center of flow	Ino Town	2014/9/10	Sunny	Loamy	Ac-228	44	21	0.05	Loamy	Ac-228	33	19	0.05	-
									Bi-214	12	9.5			Bi-214	21	9.8		
									K-40	500	99			K-40	490	87		
									Pb-212	38	7.6			Pb-212	30	6.9		
									Pb-214	20	9.7			Pb-214	15	8.8		
									Ra-226	110	78			Tl-208	16	14		
									Tl-208	23	16			-	-	-		
95	Fukuoka Prefecture	Rivers	Onga River	Hinode Bridge	Nogata City	2014/8/25	Cloudy	Loamy	Ac-228	44	15	0.06	Loamy	Ac-228	25	17	0.06	Due to the topographical conditions, sampling on the right riverbank was conducted 200m upstream on the right riverbank before the confluence with the Hikosan River.
									Bi-214	27	8.3			Bi-214	28	9.8		
									K-40	530	89			K-40	750	86		
									Pb-212	49	6.9			Pb-212	55	7.7		
									Pb-214	32	8.9			Pb-214	29	9.0		
									Ra-226	95	74			Ra-226	110	88		
									Th-234	78	55			Th-234	74	57		
Tl-208	39	11	Tl-208	54	14													
96	Fukuoka Prefecture	Rivers	Nakagawa River	Shiobara Bridge	Fukuoka City	2014/8/30	Sunny	Sandy	Ac-228	35	15	0.07	Sandy	Ac-228	34	15	0.07	-
									Bi-214	18	9.0			Bi-214	96	60		
									K-40	820	84			Bi-214	21	9.3		
									Pb-212	86	7.0			K-40	800	87		
									Pb-214	26	8.1			Pb-212	73	7.5		
									Th-234	62	57			Pb-214	18	9.1		
									Tl-208	64	13			Ra-226	97	83		
-	-	-	Th-234	100	54													
97	Fukuoka Prefecture	Rivers	Chikugo River	Senoshita	Kurume City	2014/8/27	Cloudy	Loamy	Ac-228	39	16	0.03	Loamy	Ac-228	33	16	0.05	Sampling on the left riverbank was conducted 200m downstream as the predetermined location was concrete-covered.
									Bi-214	15	7.5			Bi-214	17	8.1		
									K-40	480	74			K-40	570	72		
									Pb-212	28	6.6			Pb-212	34	5.7		
									Pb-214	20	7.9			Pb-214	21	7.7		
									Tl-208	20	11			Tl-208	31	10		
									-	-	-			-	-	-		
98	Saga Prefecture	Rivers	Kasegawa River	Kasebashi Bridge	Saga City	2014/8/28	Rain	Loamy	Bi-214	23	8.4	0.06	Loamy	Bi-214	22	8.0	0.05	-
									K-40	650	81			K-40	580	85		
									Pb-212	33	6.9			Pb-212	34	6.9		
									Pb-214	19	8.1			Pb-214	22	8.7		
									Tl-208	32	13			Ra-226	76	72		
									-	-	-			Th-234	70	48		
									-	-	-			Tl-208	30	12		
99	Nagasaki Prefecture	Rivers	Honmyogawa River	In front of Tenma Park	Isahaya City	2014/8/29	Cloudy	Loamy	Ac-228	30	13	0.05	Loamy	Ac-228	41	15	0.07	On the right riverbank, the soil sampling location and ambient dose rate measuring location were slightly different.
									Bi-214	22	7.0			Bi-214	22	9.6		
									K-40	310	67			K-40	330	81		
									Pb-212	32	6.2			Pb-212	39	6.8		
									Pb-214	20	8.2			Pb-214	26	7.7		
									Th-234	52	47			Tl-208	30	14		
									Tl-208	28	9.9			-	-	-		
100	Nagasaki Prefecture	Rivers	Uragami River	Ohashizeki Weir	Nagasaki City	2014/9/1	Cloudy	Sandy	Ac-228	18	16	0.12	Loamy	Ac-228	29	17	0.10	On both riverbanks, the soil sampling location and ambient dose rate measuring location were slightly different.
									K-40	460	70			Bi-214	11	7.8		
									Pb-212	20	5.4			K-40	400	68		
									Pb-214	13	7.7			Pb-212	17	6.2		
									Tl-208	19	11			Pb-214	12	6.8		
									-	-	-			-	-	-		
									-	-	-			Tl-208	18	11		

Results of Measurement in Public Water Areas (Surrounding Environment)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Left bank				Right bank				Remarks		
			Water area	Location	Municipality			Property	Detected γ -ray emitting radionuclides			Air dose rate (μ Sv/h)	Property	Detected γ -ray emitting radionuclides			Ambient dose rate (μ Sv/h)	
									Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)			Radionuclides	Measured values (Bq/kg-dry)			Detection limits (Bq/kg-dry)
101	Kumamoto Prefecture	Rivers	Kikuchi River	Shiroishi	Nagomi Town	2014/9/2	Cloudy	Sandy	Ac-228	48	17	0.07	Sandy	Ac-228	31	15	0.05	On the right riverbank, the soil sampling location and ambient dose rate measuring location were slightly different.
									Bi-214	23	7.6			Bi-214	21	7.7		
									K-40	750	71			K-40	750	64		
									Pb-212	46	6.8			Pb-212	33	6.0		
									Pb-214	25	8.3			Pb-214	24	6.6		
									Ra-226	69	69			Tl-208	27	11		
									Th-234	81	47			-	-	-		
TI-208	27	13	-	-	-													
102	Kumamoto Prefecture	Rivers	Midori River	Uesugizeki Weir	Kumamoto City	2014/9/3	Cloudy	Loamy	Ac-228	26	13	0.05	Loamy	Ac-228	28	17	0.05	On the left riverbank, the soil sampling location and ambient dose rate measuring location were slightly different.
									Bi-212	48	46			Bi-214	24	7.7		
									Bi-214	13	7.3			K-40	610	81		
									K-40	470	67			Pb-212	42	6.0		
									Pb-212	30	5.7			Pb-214	27	8.2		
									Pb-214	26	7.0			Ra-226	100	77		
									Th-234	64	45			Th-234	76	52		
TI-208	24	9.9	TI-208	27	11													
103	Oita Prefecture	Rivers	Oita River	Funaichi-obashi Bridge	Oita City	2014/9/12	Sunny	Loamy	Ac-228	18	15	0.06	Loamy	Ac-228	26	21	0.06	-
									Bi-214	13	7.4			Bi-214	26	9.2		
									K-40	270	81			K-40	540	83		
									Pb-212	28	5.7			Pb-212	36	7.1		
									Pb-214	21	7.5			Pb-214	34	8.7		
									TI-208	27	12			TI-208	34	15		
									-	-	-			-	-	-		
104	Oita Prefecture	Rivers	Ono River	Shirataki Bridge	Oita City	2014/9/11	Sunny	Loamy	Bi-214	19	8.5	0.07	Loamy	Ac-228	18	18	0.06	-
									K-40	580	85			Bi-214	24	9.5		
									Pb-212	23	6.7			K-40	410	110		
									Pb-214	18	8.3			Pb-212	38	8.5		
									Th-234	58	47			Pb-214	23	11		
									TI-208	17	13			TI-208	32	15		
									-	-	-			-	-	-		
105	Miyazaki Prefecture	Rivers	Gokase River	Miwa	Nobeoka City	2014/9/10	Sunny	Loamy	Ac-228	31	15	0.07	Loamy	Ac-228	48	13	0.06	On the right riverbank, the soil sampling location and ambient dose rate measuring location were slightly different.
									Bi-212	62	52			Bi-214	25	7.2		
									Bi-214	32	8.1			K-40	680	62		
									K-40	590	77			Pb-212	44	6.2		
									Pb-212	48	6.1			Pb-214	30	7.3		
									Pb-214	40	7.6			Ra-226	70	64		
									Ra-226	110	71			Th-234	49	47		
Th-234	88	52	TI-208	32	9.7													
TI-208	46	11	-	-	-													
106	Miyazaki Prefecture	Rivers	Oyodo River	Aioi Bridge	Miyazaki City	2014/9/9	Sunny	Loamy	Ac-228	25	15	0.06	Loamy	Bi-214	17	8.1	0.05	-
									Bi-214	27	9.1			K-40	570	88		
									K-40	630	92			Pb-212	37	7.5		
									Pb-212	40	7.4			Pb-214	24	8.2		
									Pb-214	23	9.7			TI-208	32	12		
									TI-208	38	14			-	-	-		
									-	-	-			-	-	-		
107	Kagoshima Prefecture	Rivers	Kotsuki River	Iwasaki Bridge	Kagoshima City	2014/9/7	Sunny	Loamy	Bi-214	13	6.0	0.07	-	-	-	-	0.07	Sampling was not conducted on the right riverbank due to being concrete-covered. On the left riverbank, the soil sampling location and ambient dose rate measuring location were slightly different.
									K-40	360	63							
									Pb-212	21	5.0							
									Pb-214	20	5.6							
									Ra-226	58	56							
									TI-208	15	9.6							

Results of Measurement in Public Water Areas (Surrounding Environment)

No.	Prefecture	Property	Sampling location			Sampling Date	Weather	Left bank				Right bank				Remarks		
			Water area	Location	Municipality			Property	Detected γ -ray emitting radionuclides			Air dose rate (μ Sv/h)	Property	Detected γ -ray emitting radionuclides			Ambient dose rate (μ Sv/h)	
									Radionuclides	Measured values (Bq/kg-dry)	Detection limits (Bq/kg-dry)			Radionuclides	Measured values (Bq/kg-dry)			Detection limits (Bq/kg-dry)
108	Kagoshima Prefecture	Rivers	Kimotsuki River	Matase Bridge	Kanoya City	2014/9/5	Cloudy	Loamy	Ac-228	32	23	0.04	Loamy	Ac-228	37	18	0.05	-
									Bi-214	14	10			Bi-214	23	8.7		
									K-40	440	92			K-40	400	95		
									Pb-212	40	7.7			Pb-212	36	7.9		
									Pb-214	28	8.8			Pb-214	31	9.2		
									Ra-226	100	84			Th-234	73	56		
									Tl-208	28	15			Tl-208	40	13		
109	Okinawa Prefecture	Rivers	Genka River	Water intake	Nago City	2014/9/17	Sunny	Loamy	Ac-228	22	15	0.05	Loamy	Bi-214	24	7.7	0.05	-
									Bi-212	92	59			K-40	570	82		
									Bi-214	23	8.6			Pb-212	43	6.3		
									K-40	620	80			Pb-214	21	8.4		
									Pb-212	49	6.1			Tl-208	38	11		
									Pb-214	29	8.1			-	-	-		
									Th-234	54	50			-	-	-		
Tl-208	34	13	-	-	-													
110	Okinawa Prefecture	Rivers	Miyara River	Omoto water intake	Ishigaki City	2014/9/15	Sunny	Loamy	Ac-228	25	19	0.05	Loamy	Ac-228	24	15	0.04	-
									Bi-214	27	7.6			Bi-214	16	7.4		
									K-40	580	69			K-40	430	68		
									Pb-212	40	6.4			Pb-212	22	6.3		
									Pb-214	30	8.6			Pb-214	15	8.0		
									Ra-226	99	67			Tl-208	27	11		
									Th-234	80	48			-	-	-		
Tl-208	27	12	-	-	-													

* This preliminary report does not contain counting errors concerning activity concentrations.

Results of Measurement of Groundwater (Water)

No.	Prefecture	Sampling location					Sampling Date	General items				Water					Ambient dose rate (μSv/h)	Remarks
		Location	Municipality	Well depth (m)	Shallow well or deep well	Indoor or outdoor		Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Detected γ-ray emitting radionuclides			Total β radioactivity			
												Radionuclides	Measured value (Bq/L)	Lower detection limit (Bq/L)	Measured value (Bq/L)	Lower detection limit (Bq/L)		
1	Hokkaido Prefecture	Kita Sanjo-Nishi, Chuo Ward	Sapporo City	71	Deep well	Indoor	2014/8/25	>100	32.4	<1	3	K-40	0.12	0.043	0.065	0.025	0.06	—
2		Izaributo	Eniwa City	11	Shallow well	Outdoor	2014/8/27	>100	33.5	70	140	K-40	0.11	0.054	0.066	0.025	0.04	—
3	Aomori Prefecture	Shinmachi Town	Aomori City	600	unknown	Outdoor	2014/9/5	>100	18.5	<1	1	K-40	0.088	0.059	0.026	0.020	0.06	—
4		Kushihikiofukibari	Hachinohe City	152	Deep well	Indoor	2014/9/8	>100	20.0	<1	1	K-40	0.062	0.031	0.035	0.020	0.03	—
5	Iwate Prefecture	Motomiya	Morioka City	unknown	Shallow well	Outdoor	2014/9/9	>100	27.6	<1	<1	K-40	0.087	0.043	0.034	0.020	0.07	—
6		Nakasatoshinkawara	Ichinoseki City	10	Shallow well	Indoor	2014/9/11	>100	24.5	<1	<1	K-40	0.087	0.051				
7	Miyagi Prefecture	Aoba Ward Honcho Town	Sendai City	250	Deep well	Outdoor	2014/8/29	>100	41.8	<1	<1	K-40	0.11	0.047	0.043	0.020	0.07	—
8		Takadatekawakami Higashi-Kongoji	Natori City	60	unknown	Outdoor	2014/8/29	>100	21.7	13	66	Pb-214	0.0036	0.0032				
9	Akita Prefecture	Niyachi Shimokawara	Daisen City	20-25	Shallow well	Indoor	2014/9/3	>100	15.7	<1	<1	K-40	0.046	0.027	0.021	0.020	0.07	—
10		Omori Town Onakajima	Yokote City	20	Deep well	Indoor	2014/9/3	>100	24.6	<1	<1	Pb-210	0.064	0.046				
11	Yamagata Prefecture	Hatago Town	Yamagata City	150	Deep well	Outdoor	2014/8/28	>100	20.5	<1	<1	Ac-228	0.0071	0.0045	0.024	0.020	0.06	—
12		Tori Town	Yonezawa City	unknown	Deep well	Outdoor	2014/8/28	>100	12.8	<1	<1	K-40	0.040	0.034				
13	Fukushima Prefecture	Asahi	Koriyama City	60	unknown	Indoor	2014/8/26	40	24.0	7	23	K-40	0.084	0.038	0.034	0.020	0.11	—
14		Niida Kitahara	Fukushima City	51	Deep well	Indoor	2014/8/27	>100	17.1	1	1	K-40	0.16	0.047	0.076	0.020	0.08	—
15	Ibaraki Prefecture	Karima	Tsukuba City	120	Deep well	Indoor	2014/9/4	>100	14.4	<1	<1	Pb-210	0.13	0.086				
16		Kadoi	Chikusei City	19	unknown	Outdoor	2014/9/5	>100	29.0	1	1	K-40	0.12	0.036	0.034	0.019	0.09	—
17	Oyama	Bando City	unknown	Shallow well	Outdoor	2014/9/3	>100	29.2	<1	<1	Pb-210	0.14	0.10	0.033				
18	Tochigi Prefecture	Machida	Shimotsuke City	130	Deep well	Outdoor	2014/9/8	>100	32.1	<1	<1	K-40	0.066	0.032	0.037	0.023	0.06	—
19		Yanaze Town	Utsunomiya City	10	unknown	Indoor	2014/9/9	>100	23.3	<1	1	K-40	0.052	0.026	0.057	0.023	0.07	—
20	Gunma Prefecture	Torinome	Nasushiobara City	8	Shallow well	Outdoor	2014/9/5	>100	20.1	<1	<1	K-40	0.030	0.028	ND	0.023	0.21	—
21		Shikishima Town	Maebashi City	120	Deep well	Outdoor	2014/8/26	>100	28.6	<1	<1	Pb-210	0.087	0.066				
22	Gunma Prefecture	Tenjin Town	Kiryu City	40.55	Deep well	Outdoor	2014/8/26	>100	17.5	<1	<1	-	-	-	ND	0.023	0.07	—
23		Idoue Town	Numata City	100	Deep well	Indoor	2014/9/5	>100	23.5	<1	<1	-	-	-	ND	0.023	0.06	—

Results of Measurement of Groundwater (Water)

No.	Prefecture	Sampling location					Sampling Date	General items				Water					Ambient dose rate (μSv/h)	Remarks
		Location	Municipality	Well depth (m)	Shallow well or deep well	Indoor or outdoor		Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Detected γ-ray emitting radionuclides			Total β radioactivity			
												Radionuclides	Measured value (Bq/L)	Lower detection limit (Bq/L)	Measured value (Bq/L)	Lower detection limit (Bq/L)		
24	Saitama Prefecture	Mnuma Ward Mikura	Saitama City	300	Deep well	Outdoor	2014/8/25	>100	17.0	<1	<1	K-40	0.11	0.046	0.050	0.023	0.08	—
25		Yatsukuchi	Kumagaya City	250	Deep well	Indoor	2014/8/28	>100	27.9	<1	<1	K-40	0.053	0.026	0.045	0.023	0.06	—
26		Minamitajima	Kawagoe City	180	Deep well	Outdoor	2014/8/29	>100	23.3	<1	<1	-	-	-				
27	Chiba Prefecture	Funato	Kashiwa City	150	unknown	Outdoor	2014/9/2	>100	20.4	<1	<1	K-40	0.083	0.030	0.042	0.026	0.18	—
28		Murakami	Yachiyo City	60	Shallow well	Indoor	2014/9/19	>100	35.5	<1	1	K-40	0.094	0.031				
29		Tokura	Tomisato City	66	Deep well	Indoor	2014/10/21	>100	13.2	<1	1	K-40	0.098	0.048	ND	0.026	0.08	—
30	Tokyo Metropolis	Kajino Town	Koganei City	80	unknown	Outdoor	2014/8/26	>100	20.4	1	<1	-	-	-	ND	0.019	0.06	—
31		Nagayama	Tama City	60	Deep well	Outdoor	2014/8/30	>100	15.2	<1	<1	K-40	0.083	0.048	0.034	0.019	0.04	—
32	Kanagawa Prefecture	Imaizumi	Hadano City	22.7	Deep well	Outdoor	2014/9/16	>100	22.4	<1	<1	-	-	-	ND	0.026	0.05	—
33		Tama Ward Suge	Kawasaki City	12.25	Shallow well	Indoor	2014/9/12	>100	31.5	<1	<1	K-40	0.14	0.027	0.049	0.026	0.09	—
34	Niigata Prefecture	Chuo Ward Nagata	Niigata City	6	Shallow well	Indoor	2014/8/29	>100	57.9	2	2	K-40	0.33	0.045	0.12	0.026	0.08	—
35		Yutaka Town	Shibata City	unknown	unknown	Outdoor	2014/8/28	>100	26.7	70	170	Bi-212	0.025	0.023	0.053	0.026	0.10	—
												K-40	0.10	0.052				
											Pb-214	0.0061	0.0046					
36		Kotobuki	Nagaoka City	137	unknown	Outdoor	2014/8/29	>100	23.0	7	17	K-40	0.19	0.055	0.064	0.026	0.06	—
43	Yamanashi Prefecture	Nishijo Shinden	Showa Town	85	Deep well	Outdoor	2014/9/11	>100	18.3	<1	<1	K-40	0.073	0.027	0.032	0.026	0.06	—
44		Odachi	Fujikawaguchiko Town	120	Deep well	Outdoor	2014/9/18	>100	11.1	<1	<1	K-40	0.046	0.027	ND	0.026	0.05	—
51	Shizuoka Prefecture	Izumi Town	Numazu City	180	Deep well	Indoor	2014/9/11	>100	7.9	1	<1	K-40	0.044	0.033	ND	0.026	0.05	—
52		Gumizawa	Gotenba City	200	Deep well	Indoor	2014/10/8	>100	17.6	<1	<1	Bi-214	0.0036	0.0020	0.035	0.026	0.06	—
												K-40	0.045	0.034				
53		Mishuku	Susono City	200	unknown	Indoor	2014/9/11	>100	6.0	<1	1	Bi-214	0.0017	0.0017	ND	0.026	0.03	—
37	Toyama Prefecture	Hunahashikita Town	Toyama City	unknown	unknown	Indoor	2014/9/8	>100	24.6	<1	1	Bi-214	0.0035	0.0026	ND	0.027	0.08	—
38		Nakagawasono Town	Takaoka City	120	Deep well	Outdoor	2014/9/8	>100	27.4	6	5	-	-	-	ND	0.027	0.09	—
39	Ishikawa Prefecture	Kuramitsu	Hakusan City	120	Deep well	Indoor	2014/9/10	>100	28.3	<1	<1	Bi-214	0.0028	0.0026	0.037	0.027	0.10	—
40		Kawai Town, 2-bu	Wajima City	5.30	Shallow well	Outdoor	2014/9/11	>100	24.9	<1	<1	K-40	0.39	0.045	0.16	0.027	0.07	—
41	Fukui Prefecture	Ote	Fukui City	unknown	Deep well	Outdoor	2014/9/12	>100	25.8	<1	<1	K-40	0.040	0.028	ND	0.027	0.11	—
												Pb-210	0.094	0.076				
42		Tomoe	Ono City	60	Deep well	Outdoor	2014/9/16	>100	11.2	<1	<1	K-40	0.027	0.018	ND	0.027	0.09	—

Results of Measurement of Groundwater (Water)

No.	Prefecture	Sampling location					Sampling Date	General items				Water					Ambient dose rate (μSv/h)	Remarks
		Location	Municipality	Well depth (m)	Shallow well or deep well	Indoor or outdoor		Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Detected γ-ray emitting radionuclides			Total β radioactivity			
												Radionuclides	Measured value (Bq/L)	Lower detection limit (Bq/L)	Measured value (Bq/L)	Lower detection limit (Bq/L)		
45	Nagano Prefecture	Tsurugamidori Town	Nagano City	110	Deep well	Indoor	2014/9/17	>100	42.8	<1	<1	K-40	0.14	0.034	0.058	0.027	0.07	—
46		Ko kami Sairenji	Saku City	65	Deep well	Outdoor	2014/9/18	>100	29.0	<1	<1	K-40	0.13	0.034				
47		Ote Town	Iida City	72	Deep well	Outdoor	2014/9/19	>100	22.0	2	2	K-40	0.063	0.021	ND	0.027	0.09	—
48	Gifu Prefecture	Kanoshimizu Town	Gifu City	20.38	Shallow well	Outdoor	2014/9/4	>100	13.5	<1	<1	K-40	0.082	0.021	0.043	0.027	0.06	—
49		Marunouchi	Ogaki City	unknown	Deep well	Indoor	2014/9/4	>100	10.1	<1	<1	K-40	0.032	0.023				
50		Kose	Seki City	30	Deep well	Indoor	2014/9/1	>100	7.6	<1	<1	K-40	0.048	0.020	ND	0.027	0.09	—
54	Aichi Prefecture	Showa Ward Kawaharatori	Nagoya City	unknown	Deep well	Outdoor	2014/9/8	>100	7.1	<1	<1	K-40	0.17	0.023	0.070	0.027	0.08	—
55		Mukaiyamaoike Town	Toyohashi City	unknown	Deep well	Outdoor	2014/9/8	>100	14.6	<1	1	K-40	0.050	0.024	ND	0.027	0.04	—
56		Ikedo Town	Handa City	150	Deep well	Outdoor	2014/9/9	>100	19.8	<1	5	Bi-214	0.0063	0.0050	ND	0.027	0.04	—
											K-40	0.18	0.054					
											Pb-214	0.0065	0.0051					
57	Mie Prefecture	Daikyo Town	Yokkaichi City	178	Deep well	Outdoor	2014/9/1	>100	13.9	<1	<1	Th-234	0.036	0.026	ND	0.027	0.04	—
58		Inabe Town Kamikasada	Inabe City	8.7	Shallow well	Indoor	2014/9/2	>100	13.2	<1	<1	K-40	0.043	0.025	ND	0.027	0.06	—
59		Tado Town Yui	Kuwana City	100	Deep well	Indoor	2014/9/2	>100	9.1	<1	<1	K-40	0.040	0.027	0.027	0.027	0.10	—
60	Shiga Prefecture	Miyake Town	Moriyama City	25-30	Deep well	Outdoor	2014/9/4	>100	26.4	<1	<1	-	-	-	0.065	0.030	0.07	—
61		Nishiazai Town Yanokuma	Nagahama City	92.0	Deep well	Outdoor	2014/9/5	>100	20.1	<1	<1	K-40	0.036	0.018	0.27	0.027	0.06	—
												Pa-234m	0.22	0.14				
												Pb-210	0.098	0.073				
												Th-234	0.13	0.015				
												U-235	0.0071	0.0035				
62	Imazu Town Imazu	Takashima City	50.5	Deep well	Outdoor	2014/9/3	>100	26.6	50	74	Ac-228	0.0054	0.0046	0.058	0.031	0.06	—	
											Bi-214	0.0055	0.0033					
											Pb-214	0.0086	0.0033					
63	Kyoto Prefecture	Nakagyo Ward Kamihonnojimaecho Town	Kyoto City	30.0	Deep well	Outdoor	2014/9/18	>100	15.1	<1	<1	K-40	0.057	0.017	0.049	0.027	0.07	—
64		Shimoueno	Oyamazaki Town	149.6	unknown	Outdoor	2014/9/16	>100	23.9	<1	<1	K-40	0.053	0.026	0.044	0.027	0.08	—

Results of Measurement of Groundwater (Water)

No.	Prefecture	Sampling location					Sampling Date	General items				Water					Ambient dose rate (μSv/h)	Remarks
		Location	Municipality	Well depth (m)	Shallow well or deep well	Indoor or outdoor		Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Detected γ-ray emitting radionuclides			Total β radioactivity			
												Radionuclides	Measured value (Bq/L)	Lower detection limit (Bq/L)	Measured value (Bq/L)	Lower detection limit (Bq/L)		
65	Osaka Prefecture	Taisho Ward Tsuru Town	Osaka City	31.87	Deep well	Indoor	-	-	-	-	-	-	-	-	-	-	-	A sufficient amount of water sample could not be collected due to a deficiency of well water. Therefore, it should be deemed that sampling was not conducted in this monitoring. An alternate sampling location for the following fiscal year onward is being considered.
66		Sakai Ward Daisenaka Town	Sakai City	197.5	Deep well	Outdoor	2014/9/12	>100	38.8	1	3	Ac-228	0.0059	0.0058	0.38	0.029	0.08	-
											K-40	0.47	0.032					
											Th-234	0.030	0.029					
67	Hyogo Prefecture	Kuchisakai	Itami City	29.10	Shallow well	Indoor	2014/9/10	>100	36.8	13	53	Bi-214	0.0037	0.0035	0.10	0.029	0.07	-
68		Saiwai Town	Toyooka City	44.00	Deep well	Indoor	2014/9/8	46	58.5	76	34	K-40	0.52	0.032				
69		Hojoyo	Himeji City	unknown	Shallow well	Outdoor	2014/9/9	>100	29.2	<1	<1	K-40	0.13	0.021	0.14	0.028	0.07	-
70	Nara Prefecture	Sakyo	Nara City	150	Deep well	Outdoor	2014/9/18	>100	22.3	1	5	K-40	0.12	0.031	0.091	0.029	0.06	-
71		Okubo Town	Kashihara City	3.35	unknown	Outdoor	2014/9/11	>100	23.8	<1	2	K-40	0.18	0.020	0.15	0.028	0.07	-
72	Wakayama Prefecture	Takano	Kinokawa City	9.5	Shallow well	Outdoor	2014/9/10	>100	27.3	<1	<1	Pb-214	0.0023	0.0022	0.041	0.026	0.05	-
73		Sono	Gobo City	4.80	Shallow well	Outdoor	2014/9/17	>100	22.0	<1	<1	K-40	0.16	0.030	0.13	0.027	0.07	-
74	Tottori Prefecture	Saiwai Town	Tottori City	24.00	Deep well	Indoor	2014/8/27	>100	71.2	<1	<1	K-40	0.15	0.045	0.14	0.031	0.07	-
75		Denen Town	Tottori City	8.00	Shallow well	Indoor	2014/8/27	>100	54.1	21	37	K-40	0.42	0.044	0.35	0.027	0.08	-
76	Shimane Prefecture	Nishikawatsu Town	Matsue City	100	Deep well	Outdoor	2014/8/28	>100	8.0	<1	<1	K-40	0.099	0.055	0.098	0.031	0.07	-
77		Enya Town	Izumo City	53	Deep well	Indoor	2014/8/29	>100	26.0	1	1	K-40	0.079	0.038	0.073	0.028	0.05	Groundwater after chlorine treatment
												Pb-214	0.0039	0.0024				
78	Okayama Prefecture	Fukui	Kurashiki City	13.1	Shallow well	Indoor	2014/8/25	>100	6.1	<1	<1	K-40	0.15	0.026	0.11	0.032	0.08	-
79		Naka Ward Imazaie	Okayama City	8.00	Shallow well	Outdoor	2014/8/25	>100	14.3	<1	<1	K-40	0.051	0.029	0.060	0.024	0.07	-
80	Hiroshima Prefecture	Aki Ward Kamiseno Town Ushiroyamako	Hiroshima City	30	Deep well	Indoor	2014/9/2	>100	8.0	<1	<1	K-40	0.030	0.028	0.091	0.027	0.14	-
												Pb-214	0.0022	0.0018				
												Ra-226	0.027	0.023				
81		Hirobentenbashi Town	Kure City	30	Shallow well	Outdoor	2014/9/2	>100	18.8	<1	<1	K-40	0.11	0.021	0.13	0.026	0.09	-
82	Yamaguchi Prefecture	Ouchimihori	Yamaguchi City	unknown	unknown	Outdoor	2014/9/4	>100	18.4	<1	2	K-40	0.079	0.020	0.082	0.027	0.10	-
83		Tomito Town	Shimonoseki City	3.5	unknown	Outdoor	2014/9/3	>100	35.2	<1	<1	K-40	0.16	0.029	0.15	0.026	0.07	-
84	Tokushima Prefecture	Fudohon Town	Tokushima City	25.7	Deep well	Indoor	2014/9/17	>100	18.4	<1	<1	K-40	0.023	0.020	0.042	0.026	0.08	-
85		Anan City	13.3	Shallow well	Outdoor	2014/9/18	>100	15.0	<1	<1	-	-	-	0.048	0.026	0.07	-	
86	Kagawa Prefecture	Bancho Town	Takamatsu City	6	Shallow well	Outdoor	2014/9/12	>100	45.1	<1	<1	K-40	0.16	0.037	0.20	0.030	0.07	-
												Pb-214	0.0030	0.0026				
87		Ichinomiya Town	Takamatsu City	6	unknown	Outdoor	2014/9/16	>100	20.5	<1	<1	K-40	0.10	0.034	0.086	0.025	0.08	-

Results of Measurement of Groundwater (Water)

No.	Prefecture	Sampling location					Sampling Date	General items				Water					Ambient dose rate (μSv/h)	Remarks
		Location	Municipality	Well depth (m)	Shallow well or deep well	Indoor or outdoor		Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Detected γ-ray emitting radionuclides			Total β radioactivity			
												Radionuclides	Measured value (Bq/L)	Lower detection limit (Bq/L)	Measured value (Bq/L)	Lower detection limit (Bq/L)		
88	Ehime Prefecture	Hirai Town	Matsuyama City	50.00	Deep well	Indoor	2014/9/9	>100	44.1	3	14	K-40	0.044	0.032	0.072	0.028	0.09	—
89		Nakanishiuchi	Matsuyama City	8	Shallow well	Outdoor	2014/9/5	>100	20.2	<1	<1	-	-	-	0.038	0.027	0.07	—
90		Ueno	Iyo City	3.3	Shallow well	Outdoor	2014/9/8	>100	23.1	<1	<1	K-40	0.084	0.034	0.10	0.027	0.09	—
											Pb-214	0.0023	0.0021					
91	Kochi Prefecture	Kerako	Kochi City	unknown	Shallow well	Indoor	2014/9/10	>100	6.9	<1	<1	K-40	0.040	0.035	0.048	0.024	0.06	—
92		Yanomaru	Aki City	33	Deep well	Indoor	2014/9/11	>100	8.1	<1	<1	-	-	-	0.067	0.027	0.04	—
93	Fukuoka Prefecture	Tanushimaru Town Akinari	Kurume City	30	Shallow well	Outdoor	2014/8/26	>100	25.9	<1	<1	K-40	0.18	0.040	0.065	0.027	0.05	—
94		Kokuraminami Ward Fujimi	Kitakyushu City	12	Shallow well	Indoor	2014/8/25	>100	46.2	<1	<1	K-40	0.10	0.041	0.10	0.027	0.06	—
95	Saga Prefecture	Yamato Town Niiji	Saga City	100	Deep well	Outdoor	2014/8/27	>100	17.8	<1	<1	-	-	-	0.028	0.027	0.05	—
96		Nodomibunbaba	Kashima City	200	Deep well	Indoor	2014/8/28	>100	20.1	<1	<1	K-40	0.10	0.055	0.12	0.029	0.06	—
											Pb-210	0.15	0.10					
97	Nagasaki Prefecture	Sakaeda Town	Isahaya City	132	Deep well	Outdoor	2014/8/29	>100	23.8	<1	2	K-40	0.14	0.037	0.10	0.030	0.06	—
98		Ohashi	Nagasaki City	15.0	unknown	Outdoor	2014/9/1	>100	51.9	<1	1	Ac-228	0.0045	0.005	0.073	0.027	0.08	—
											K-40	0.084	0.030					
99	Kumamoto Prefecture	Chuo Ward Suizenji	Kumamoto City	55.5	Deep well	Indoor	2014/9/2	>100	26.8	1	4	K-40	0.14	0.054	0.14	0.027	0.03	—
100		Furujo Town	Yatsushiro City	35	Deep well	Indoor	2014/9/3	>100	12.0	<1	<1	K-40	0.044	0.026	0.027	0.026	0.08	—
101		Inoguchinoso	Hitoyo City	10	Shallow well	Indoor	2014/9/4	>100	12.8	<1	3	Pb-210	0.069	0.044	0.048	0.026	0.10	—
102	Oita Prefecture	Kamioka	Saiki City	35	Deep well	Indoor	2014/9/11	>100	14.8	<1	<1	K-40	0.041	0.024	0.039	0.024	0.05	—
103		Toyooka	Hiji Town	100	Deep well	Indoor	2014/9/12	>100	8.7	<1	<1	Pb-210	0.11	0.085	0.071	0.026	0.07	—
104	Miyazaki Prefecture	Minamiyokoichi Town	Miyakonojo City	13.0	Deep well	Outdoor	2014/9/8	>100	12.9	<1	<1	-	-	-	ND	0.027	0.05	—
105		Minaminishikata	Kobayashi Town	unknown	unknown	Outdoor	2014/9/9	>100	21.0	<1	<1	K-40	0.10	0.038	0.12	0.028	0.06	—
106		Byuu Town	Nobeoka City	unknown	unknown	Outdoor	2014/9/10	>100	76.8	<1	2	K-40	0.045	0.041	0.059	0.029	0.08	—
107	Kagoshima Prefecture	Tamazato Town	Kagoshima City	70	Deep well	Indoor	2014/9/5	>100	24.2	<1	<1	K-40	0.14	0.045	0.12	0.028	0.07	—
108		Tasaki Town	Kanoya City	70	Deep well	Outdoor	2014/9/8	>100	22.0	<1	<1	K-40	0.14	0.061	0.15	0.030	0.05	—
109	Okinawa Prefecture	Hira-Higashi-Nakasonezoe	Miyakojima City	unknown	unknown	Outdoor	2014/9/16	>100	71.7	<1	<1	-	-	-	0.040	0.033	0.05	—
110		Gusukube	Miyakojima City	55.90	unknown	Outdoor	2014/9/16	>100	62.0	<1	<1	K-40	0.068	0.025	0.059	0.028	0.06	—

* This preliminary report does not contain counting errors concerning activity concentrations.