

National Radioactive Material Monitoring in the Water Environment in the Whole of
Japan(2015)

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Results of Measurement in Public Water Areas(Water)

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	Water purification plant intake at Ishikari River in Asahikawa City	Asahikawa City	2015/10/15	Sunny	2.0	0.1	97	-	6.8	3	4	Pb-210	0.074	0.071	0.044	0.024											
2				Intake at the Shirakawa water purification plant in Sapporo City	Sapporo City	2015/10/22	Sunny	1.7	0.1	>100	-	15.2	1	2	K-40	0.063	0.030	0.053	0.026											
3			Teshio River	Nakashibetsu Bridge (Intake at the Higashiyama water purification plant in Shibetsu City)	Shibetsu City	2015/10/15	Cloudy	0.8	0.1	95	-	8.1	4	7	K-40	0.043	0.023	0.049	0.026											
4			Tokoro River	Tadashi Bridge	Kitami City	2015/10/16	Sunny	0.9	0.1	>100	-	15.0	4	4	K-40	0.079	0.043	0.063	0.027											
														Pb-210	0.099	0.084														
5			Kushiro River	Intake at the Aikoku water purification plant in Kushiro City	Kushiro City	2015/10/19	Sunny	1.8	0.1	>100	-	15.9	14	6	K-40	0.061	0.038	0.057	0.025											
6			Tokachi River	Nantai Bridge	Obihiro City	2015/10/19	Sunny	1.0	0.1	>100	-	6.2	<1	<1	K-40	0.089	0.019	0.076	0.025											
7			Saugawa River	Saugawa Bridge (Tomigawa)	Hidaka Town	2015/10/20	Cloudy	1.2	0.1	>100	-	11.4	1	1	Be-7	0.010	0.0090	ND	0.026											
8			Matsukawa River	Mitsumoribashi Bridge (Before the confluence with Torasawa River)	Hakodate City	2015/10/21	Sunny	0.3	0.1	>100	-	7.5	1	<1	K-40	0.028	0.028	ND	0.026											
9	Shiribetsu-toshibetsu River	Intake at the Kitahiyama simple water plant in Kitahiyama Town	Setana Town	2015/10/21	Sunny	0.6	0.1	>100	-	7.5	1	1	Be-7	0.017	0.0080	0.040	0.024													
10	Aomori Prefecture	Rivers	Iwaki River	Tsuganu-ohashi Bridge	Nakadomari Town	2015/10/22	Sunny	3.1	0.1	56	-	22.7	7	6	K-40	0.068	0.027	0.055	0.028											
11			Mabechi River	Shiruchi Bridge	Hachinohe City	2015/10/20	Sunny	1.2	0.1	>100	-	13.3	1	1	K-40	0.051	0.037	0.038	0.025											
12	Iwate Prefecture	Rivers	Mabechi River	Fugane Bridge	Ninohe City	2015/10/19	Sunny	1.3	0.1	>100	-	11.9	1	1	K-40	0.042	0.025	0.036	0.026											
															Pb-214	0.0020	0.0019													
13			Heigawa River	Miyako Bridge	Miyako City	2015/10/16	Sunny	1.8	0.1	>100	-	155	<1	1	K-40	0.30	0.046	0.26	0.040											
												Pb-210	0.16	0.13																
14	Miyagi Prefecture	Rivers	Kitakami River	Chitose Bridge	Ichinoseki City	2015/10/15	Sunny	1.2	0.1	48	-	11.8	3	8	K-40	0.033	0.025	0.057	0.024											
																												K-40	0.058	0.030
																													Cs-134	0.0021
15			Abukuma River	Iwanuma (Abukuma Bridge)	Iwanuma City	2015/10/13	Sunny	1.1	0.1	56	-	17.6	6	8	Cs-137	0.0066	0.0013	0.088	0.026											
																													K-40	3.5
16			Natori River	Yuriage-ohashi Bridge	Natori City	2015/10/14	Sunny	0.9	0.1	82	-	1540	3	3	Cs-137	0.0076	0.0041	2.6	0.23											
17	Akita Prefecture	Rivers	Yoneshiro River	Noshiro Bridge	Noshiro City	2015/10/23	Sunny	3.2	0.1	>100	-	14.5	1	1	Be-7	0.015	0.0087	0.028	0.027											
18			Omno River	Kurose Bridge	Akita City	2015/10/26	Sunny	1.7	0.1	>100	-	12.2	3	4	K-40	0.039	0.027	0.032	0.024											
19	Yamagata Prefecture	Rivers	Mogami River	Ryou Bridge	Sakata City	2015/10/28	Sunny	2.9	0.1	>100	-	38.9	6	3	K-40	0.12	0.032	0.13	0.027											
20			Akagawa River	Shinkawa Bridge	Sakata City	2015/10/29	Cloudy	0.8	0.1	>100	-	8.8	3	2	Be-7	0.023	0.0071	0.031	0.026											
																													K-40	0.032
														Pb-214	0.0015	0.0014														
21			Agano River	Shingo Dam	Kitakata City	2015/10/22	Sunny	6.1	0.1	>100	-	9.6	2	3	K-40	0.049	0.026	0.047	0.024											
22	Fukushima Prefecture	Rivers	Abukuma River	Taisho Bridge (Fushiguro)	Date City	2015/10/20	Sunny	0.8	0.1	>100	-	19.7	5	4	K-40	0.045	0.035	0.10	0.026											
23			Kujigawa River	Takahara Bridge	Yamatsuri Town	2015/10/21	Sunny	0.9	0.1	>100	-	10.7	1	1	K-40	0.037	0.024	0.059	0.026											

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

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)												
24	Ibaraki Prefecture	Lake	Lake Kasunigaura	Center (Surface layer)	Miho Village	2015/10/27	Sunny	5.9	0.1	27	0.7	26.5	14	16	K-40	0.17	0.026	0.11	0.028													
				Cs-134											0.0067	0.0011																
				Center (Bottom layer)					4.9	26		27.8	12	13	K-40	0.18	0.025	0.15	0.025													
														Cs-134	0.0051	0.0011																
															Cs-137	0.029	0.0010															
25			Kokai River	Fumimaki Bridge	Toride City	2015/10/23	Cloudy	0.9	0.1	>100	-	23.7	7	4	Ac-228	0.0061	0.0029	0.12	0.025													
															K-40	0.11	0.026															
															Cs-134	0.0012	0.0011															
														Cs-137	0.0053	0.0012																
26	Tochigi Prefecture		Nakagawa River	Shinnaka Bridge	Nakagawa Town	2015/10/14	Sunny	1.6	0.1	>100	-	15.2	1	1	Cs-137	0.0032	0.0013	0.037	0.026													
27			Kinugawa River	Kinugawa Bridge (Hoshakuji Temple)	Utsunomiya City	2015/10/15	Sunny	2.4	0.1	>100	-	11.1	2	2	K-40	0.039	0.025	0.040	0.024													
28	Gamma Prefecture		Tonegawa River	Toneozaki Weir	Chiyoda Town/ Oyoda City (Saitama Prefecture)	2015/10/13	Sunny	0.2	0.1	59	-	28.3	7	7	K-40	0.12	0.026	0.090	0.025													
																								Cs-137	0.0029	0.0014						
29			Watarase River	Watarase-ohashi Bridge	Tatebayashi City	2015/10/13	Sunny	2.2	0.1	>100	-	17.8	1	1	K-40	0.067	0.022	0.049	0.026													
														Cs-137	0.0024	0.0011																
30	Saitama Prefecture	Rivers	Arakawa River	Kugehashi Bridge	Kumagaya City	2015/10/14	Sunny	0.8	0.1	>100	-	19.8	4	2	K-40	0.045	0.016	0.052	0.025													
31			Arakawa River	Akigase Intake Weir	Saitama City/Shiki City	2015/10/13	Sunny	2.7	0.1	>100	-	25.1	4	2	K-40	0.081	0.024	0.090	0.027													
32		Rivers	Edogawa River	Nagareyama Bridge	Nagareyama City (Chiba Prefecture) /Mitsuo City	2015/10/15	Sunny	0.6	0.1	88	-	25.3	9	7	K-40	0.075	0.037	0.084	0.028													
33		Rivers	Tonegawa River	Kakozaki Weir	Tonosho Town	2015/11/5	Sunny	5.2	0.1	44	-	33.4	7	6	K-40	0.11	0.028	0.11	0.025													
34	Chiba Prefecture	Lake	Ichinomiya River	Nakano Bridge	Ichinomiya Town	2015/12/8	Cloudy	2.9	0.1	51	-	961	9	8	K-40	1.7	0.081	1.8	0.11													
35		Lake	Lake Inbanuma	Lower area of water purification plant intake (Surface layer)	Sakura City	2015/11/6	Sunny	1.4	0.1	44	0.58	30.7	25	13	K-40	0.12	0.028	0.13	0.028													
				Lower area of water purification plant intake (Bottom layer)					0.4	38		30.8	28	14	K-40	0.13	0.028	0.094	0.026													
															Cs-134	0.0058	0.0011															
															Cs-137	0.023	0.0011															
36	Tokyo Metropolis	Rivers	Edogawa River	Shinkatsushika Bridge	Katsushika City	2015/10/16	Cloudy	0.6	0.1	>100	-	26.1	3	4	K-40	0.069	0.040	0.084	0.026													
37				Tamagawa River	Hajima raw water supply point	Akishima City	2015/10/20	Sunny	0.9	0.1	>100	-	13.4	1	1	Pb-214	0.0017			0.0016	0.030	0.026										
38					Sumida River	Ryogoku Bridge	Chuo City /Sumida City	2015/10/16	Cloudy	2.4	0.1	>100	-	1270	5	4	K-40	2.6	0.084	2.3	0.18											
															Cs-137	0.0058	0.0037															
															I-131	0.016	0.0049															
39			Arakawa River	Kasai Bridge	Koto City /Edogawa City	2015/10/19	Sunny	1.8	0.1	56	-	1780	10	10	K-40	3.5	0.079	4.1	0.27													
															Cs-137	0.0063	0.0049															
40	Kanagawa Prefecture		Tsurumi River	Rinko Tsurumigawa Bridge	Yokohama City	2015/10/29	Sunny	6.0	0.1	>100	-	1820	2	2	K-40	4.1	0.083	4.1	0.29													
41				Sagami River	Banyu Bridge	Hiratsuka City	2015/10/30	Cloudy	2.5	0.1	>100	-	533	1	2	K-40	0.98	0.083	0.94	0.074												
42					Sakawa River	Sakawa Bridge	Odawara City	2015/10/28	Sunny	1.3	0.1	>100	-	16.7	7	3	K-40	0.054	0.032	0.059	0.025											

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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)
43	Nigata Prefecture	Rivers	Shimano River	Heisei-ohashi Bridge	Niigata City	2015/10/16	Sunny	4.3	0.1	59	-	15.0	14	7	K-40	0.081	0.029	0.061	0.027	
44			Agano River	Oun Bridge	Niigata City	2015/10/16	Sunny	2.6	0.1	>100	-	9.3	1	2	K-40	0.032	0.020	0.042	0.026	
50	Yamamashi Prefecture	Sagami River	Katsuragawa Bridge	Uenohara City	2015/10/22	Sunny	3.8	0.1	>100	-	14.6	<1	1	K-40	0.030	0.023	0.030			0.027
51		Fujikawa River	Nanbu Bridge	Nanbu Town	2015/10/21	Sunny	0.3	0.1	>100	-	19.9	1	1	K-40	0.071	0.020	0.056	0.025		
57	Shizuoka Prefecture	Kanogawa River	Kurose Bridge	Numazu City	2015/10/20	Sunny	0.9	0.1	>100	-	14.8	1	1	K-40	0.054	0.026	0.030	0.026		
58		Oigawa River	Fujimi Bridge	Yaizu City /Yoshida Town	2015/10/21	Sunny	3.8	0.1	63	-	15.4	3	9	K-40	0.025	0.017	0.038	0.026		
59		Tenryu River	Kaketsuka Bridge	Iwata City /Hamamatsu City	2015/10/22	Sunny	1.7	0.1	61	-	10.9	5	2	K-40	0.038	0.017	0.065	0.024		
45	Toyama Prefecture	Jimzu River	Hagura Bridge	Toyama City	2015/10/26	Cloudy	4.9	0.1	>100	-	29.1	1	1	K-40	0.081	0.022			0.064	0.025
46	Ishikawa Prefecture	Saigawa River	Okawa Bridge	Kanazawa City	2015/10/28	Cloudy	0.4	0.1	>100	-	9.5	4	3	Be-7	0.024	0.012	0.029	0.026		
47		Tedori River	Hakusanoguchi Dike	Hakusan City	2015/11/30	Sunny	2.8	0.1	96	-	9.8	4	2	K-40	0.034	0.025				
48	Fukui Prefecture	Kuzuryu River	Fuseda Bridge	Fukui City	2015/10/30	Cloudy	1.0	0.1	>100	-	187	2	3	Be-7	0.0099	0.0080	0.027	0.025		
49		Kitagawa River	Takatsuka Bridge	Obama City	2015/11/2	Cloudy	0.4	0.1	93	-	11.7	9	1	K-40	0.027	0.025			0.057	0.027
52	Nagano Prefecture	Shimano River	Orzaki Bridge	Iiyama City	2015/11/6	Sunny	0.7	0.1	>100	-	21.2	2	1	K-40	0.081	0.026	0.068	0.025		
53		Saigawa River	Koichi Bridge	Nagano City	2015/11/5	Sunny	2.2	0.1	>100	-	14.5	1	<1	K-40	0.073	0.021	0.071	0.026		
54		Tenryu River	Tsutsuji Bridge	Ida City	2015/11/4	Sunny	0.7	0.1	>100	-	14.5	5	2	K-40	0.070	0.027	0.067	0.027		
55	Gifu Prefecture	Kikogawa River	Tokai-ohashi Bridge (Naruto)	Kaizu City	2015/10/23	Sunny	2.1	0.1	85	-	7.2	1	1	K-40	0.034	0.018	0.048	0.024		
56		Nagara River	Tokai-ohashi Bridge	Kaizu City	2015/10/23	Sunny	6.7	0.1	>100	-	12.9	1	1	K-40	0.059	0.026	0.049	0.025		
60	Aichi Prefecture	Shonai River	Mizuwake Bridge	Nagoya City	2015/11/2	Cloudy	0.7	0.1	92	-	16.3	15	4	Be-7	0.016	0.010	0.13	0.025		
61		Yahagi River	Iwazutenjin Bridge	Okazaki City/Toyota City	2015/10/30	Cloudy	1.8	0.1	>100	-	7.0	<1	1	K-40	0.13	0.021			0.037	0.025
62	Mie Prefecture	Toyogawa River	Eshima Bridge	Toyokawa City	2015/10/29	Sunny	0.5	0.1	>100	-	10.4	<1	<1	K-40	0.045	0.020	0.032	0.026		
63		Suzuka River	Ogura Bridge	Yokkaichi City	2015/10/15	Sunny	0.4	0.1	>100	-	19.0	<1	1	K-40	0.038	0.025	0.097	0.026		
64		Miyakawa River	Watarai Bridge	Ise City	2015/10/16	Sunny	0.4	0.1	>100	-	8.6	<1	1	K-40	0.095	0.024	ND	0.024		
65	Shiga Prefecture	Adogawa River	Joan Bridge	Takashima City	2015/10/15	Sunny	1.1	0.1	>100	-	6.8	<1	<1	K-40	0.026	0.018	ND	0.025		
66		Lake	Lake Biwako	Karasakioki-Chuo (surface layer)	-	2015/10/14	Sunny	5.3	0.1	>100	4.2	11.8	<1	1	K-40	0.019	0.015	0.057	0.027	
			Karasakioki-Chuo (Bottom layer)	4.3					>100	11.7		1	1	K-40	0.048	0.016	0.047	0.024		

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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)	
67	Kyoto Prefecture		Yurugawa River	Yurugawa Bridge	Maizumi City	2015/10/27	Sunny	3.2	0.1	>100	-	233	1	2	K-40	0.42	0.044	0.34	0.046	
68			Katsura River	Before the confluence of three tributaries of Katsura River	Oyamazaki Town	2015/10/28	Sunny	1.3	0.1	>100	-	23.8	3	1	K-40	0.16	0.020	0.12	0.027	
69	Osaka Prefecture		Inagawa River	Gunko Bridge	Izumi City (Hyogo Prefecture)	2015/10/22	Cloudy	0.5	0.1	>100	-	19.8	1	2	K-40	0.074	0.026	0.070	0.025	
70			Yodogawa River	Sugaharashirokita-ohashi Bridge	Osaka City	2015/10/23	Sunny	8.1	0.1	>100	-	16.9	1	3	K-40	0.11	0.017	0.084	0.026	
71			Ishikawa River	Takahashi	Tondabayashi City	2015/10/26	Sunny	0.3	0.1	>100	-	30.1	1	1	K-40	0.084	0.019	0.056	0.028	
72			Kakogawa River	Kakogawa Bridge	Kakogawa City	2015/10/20	Sunny	1.5	0.1	>100	-	22.2	2	3	K-40	0.12	0.025	0.12	0.025	
73	Hyogo Prefecture		Mukogawa River	Hyakkenbi	Takanazuka City	2015/10/21	Sunny	0.2	0.1	>100	-	41.7	4	1	Ac-228	0.0058	0.0044	0.22	0.028	
74			Maruyama River	kaminogo Bridge	Toyooka City	2015/10/19	Sunny	0.5	0.1	>100	-	12.3	1	1	K-40	0.044	0.025	0.035	0.026	
75			Nara Prefecture	Yamato River	Fuji	Oji Town	2015/10/20	Sunny	1.2	0.1	80	-	36.0	7	5	K-40	0.20	0.022	0.18	0.026
76			Kinokawa River	Okura Bridge	Gojo City	2015/10/19	Sunny	3.2	0.1	>100	-	12.4	<1	2	K-40	0.045	0.019	0.026	0.026	
77			Wakayama Prefecture	Kinokawa River	Shinokkaizecki Weir	Wakayama City	2015/10/14	Sunny	3.1	0.1	>100	-	14.9	3	2	K-40	0.051	0.018	0.067	0.024
78			Kumano River	Kumano-ohashi Bridge	Shingu City	2015/10/15	Sunny	4.0	0.1	>100	-	74.6	2	7	K-40	0.14	0.032	0.11	0.030	
79			Tottori Prefecture	Sendai River	Cyotoku	Tottori City	2015/10/20	Sunny	2.5	0.1	>100	-	8.8	<1	1	-	-	-	ND	0.026
80	Shimane Prefecture		Hikawa River	Kandatsu Bridge	Izumi City	2015/10/22	Cloudy	0.5	0.1	>100	-	10.7	2	2	K-40	0.031	0.023	0.026	0.024	
81			Gonokawa River	Sakurae-ohashi Bridge	Gotsu City	2015/10/23	Sunny	3.0	0.1	>100	-	11.0	1	1	K-40	0.051	0.020	0.034	0.025	
82	Okayama Prefecture		Asahi River	Otoite Weir	Okayama City	2015/10/19	Sunny	1.3	0.1	>100	-	9.2	1	2	K-40	0.049	0.019	0.032	0.026	
83			Takahashi River	Kasumi Bridge	Kurashiki City	2015/10/16	Sunny	2.3	0.1	>100	-	12.2	4	6	K-40	0.045	0.026	0.048	0.024	
84	Hiroshima Prefecture		Ota River	Water purification plant intake in Hesaka	Hiroshima City	2015/10/15	Sunny	1.8	0.1	>100	-	7.5	1	2	K-40	0.046	0.019	0.026	0.026	
85			Ashida River	Korinomi Bridge	Fukuyama City	2015/10/14	Sunny	1.1	0.1	75	-	16.2	5	5	K-40	0.079	0.028	0.10	0.024	
86	Yamaguchi Prefecture		Nishiki River	Water purification plant intake for the city	Iwakuni City	2015/10/27	Rain	5.6	0.1	>100	-	8.0	<1	<1	K-40	0.031	0.019	0.025	0.025	
87			Kotogawa River	Suenobu Bridge	Ube City	2015/10/26	Sunny	3.1	0.1	>100	-	14.2	1	1	K-40	0.045	0.027	0.044	0.026	
88	Tokushima Prefecture		Yoshino River	Takase Bridge	Ishi Town	2015/11/7	Rain	4.1	0.1	>100	-	11.2	<1	<1	K-40	0.050	0.017	0.033	0.026	
89			Nakagawa River	Nakagawa Bridge	Anan City	2015/11/6	Cloudy	2.8	0.1	>100	-	10.4	<1	<1	-	-	-	ND	0.024	
90	Kagawa Prefecture		Dokigawa River	Marugame Bridge	Marugame City	2015/10/30	Sunny	0.4	0.1	>100	-	15.9	1	1	K-40	0.095	0.022	0.051	0.027	

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

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 (μS/cm)	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)
91	Ehime Prefecture	Rivers	Shigenobu River	Deai Bridge	Matsuyama City	2015/10/28	Sunny	0.2	0.1	>100	-	21.9	3	2	K-40	0.086	0.029	0.059	0.026	
92			Hijikawa River	Hijikawa Bridge	Ono City	2015/10/29	Sunny	0.7	0.1	>100	-	12.5	2	1	K-40	0.035	0.025	0.030	0.026	
93	Kochi Prefecture		Kagami River	Kachuzeki Weir	Kochi City	2015/11/5	Sunny	2.7	0.1	>100	-	9.3	<1	<1	-	-	-	ND	0.024	
94			Niyodo River	Hatazaki Weir (1) Center of flow	Ino Town	2015/11/4	Sunny	0.4	0.1	>100	-	9.0	<1	<1	K-40	0.022	0.018	0.030	0.025	
95	Fukuoka Prefecture		Onaga River	Hinode Bridge	Nogata City	2015/10/13	Sunny	1.2	0.1	>100	-	27.4	4	2	K-40	0.10	0.019	0.077	0.027	
96			Nakagawa River	Shiobara Bridge	Fukuoka City	2015/10/14	Sunny	0.8	0.1	>100	-	16.5	1	1	Pb-214	0.0046	0.0027			
97			Chikugo River	Senoshita	Kurume City	2015/10/15	Sunny	4.6	0.1	>100	-	14.7	3	3	K-40	0.054	0.022	0.10	0.025	
98	Saga Prefecture		Kasegawa River	Kasebashi Bridge	Saga City	2015/10/16	Sunny	3.3	0.1	>100	-	9.3	2	4	K-40	0.040	0.017	ND	0.025	
99	Nagasaki Prefecture		Honmyogawa River	In front of Tenma Park	Isahaya City	2015/10/19	Sunny	1.2	0.1	>100	-	10.6	1	1	K-40	0.093	0.026	0.067	0.026	
100			Unakami River	Ohashiki Weir	Nagasaki City	2015/10/20	Sunny	1.0	0.1	>100	-	23.7	2	1	K-40	0.064	0.021	0.040	0.027	
101	Kumamoto Prefecture		Kikuchi River	Shiroishi	Nagomi Town	2015/10/21	Sunny	6.0	0.1	89	-	16.5	5	1	K-40	0.12	0.027	0.076	0.025	
102		Midori River	Uesugizeki Weir	Kumamoto City	2015/10/22	Sunny	1.2	0.1	>100	-	12.7	1	1	K-40	0.075	0.024	0.048	0.026		
103	Oita Prefecture	Ota River	Funai-obashi Bridge	Ota City	2015/11/2	Cloudy	2.1	0.1	>100	-	21.6	4	1	K-40	0.12	0.027	0.087	0.028		
104		Ono River	Shirataki Bridge	Ota City	2015/10/31	Sunny	1.4	0.1	>100	-	14.8	2	1	K-40	0.12	0.046	0.084	0.027		
105	Miyazaki Prefecture	Gokase River	Miwa	Nobeoka City	2015/10/30	Cloudy	1.5	0.1	>100	-	10.3	<1	<1	K-40	0.065	0.030	0.060	0.024		
106		Oyodo River	Shinaoi Bridge	Miyazaki City	2015/10/28	Sunny	3.2	0.1	90	-	16.6	6	1	K-40	0.13	0.044	0.091	0.026		
107	Kagoshima Prefecture	Kotsuki River	Iwasaki Bridge	Kagoshima City	2015/10/26	Sunny	1.0	0.1	>100	-	15.4	1	<1	K-40	0.13	0.032	0.14	0.027		
108		Kimotsuki River	Matase Bridge	Kanoya City	2015/10/27	Sunny	0.9	0.1	79	-	19.2	6	2	K-40	0.24	0.041	0.17	0.028		
109	Okinawa Prefecture	Genka River	Water intake	Nago City	2015/11/6	Cloudy	0.8	0.1	>100	-	21.4	2	<1	-	-	-	0.042	0.025		
110		Miyara River	Omoto water intake	Ishigaki City	2015/11/7	Rain	1.1	0.1	46	-	23.7	5	5	K-40	0.053	0.028	0.060	0.027		

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Results of Measurement in Public Water Areas(Sediment)

Results of Measurement in Public Water Areas(Sediment)

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	Water purification plant intake at Ishikari River in Asahikawa City	Asahikawa City	2015/10/15	Sunny	2.0	10	76.0	Sand	Ac-228	22	6.8	590	17	
												Bi-214	18	3.8			
												K-40	460	19			
												Pb-212	29	3.7			
												Pb-214	16	3.8			
												Ra-226	58	38			
												Tl-208	22	5.1			
												Ac-228	18	6.4			
2	Hokkaido Prefecture	Rivers	Ishikari River	Intake at the Shirakawa water purification plant in Sapporo City	Sapporo City	2015/10/22	Sunny	1.7	10	81.3	Sand	Bi-214	12	3.6	490	16	
												K-40	420	18			
												Pb-212	17	3.3			
												Pb-214	15	3.3			
												Ra-226	34	33			
												Tl-208	15	4.0			
												Ac-228	35	7.8			
												Bi-212	47	32			
3	Hokkaido Prefecture	Rivers	Teshio River	Nakashibetsu Bridge (Intake at the Higashiyama water purification plant in Shibetsu City)	Shibetsu City	2015/10/15	Cloudy	0.8	10	66.5	Sand	Bi-214	17	4.9	710	17	
												K-40	670	21			
												Pb-212	36	4			
												Pb-214	21	4.6			
												Ra-226	67	42			
												Th-234	69	47			
												Tl-208	25	6.0			
												Ac-228	7.3	4.5			
4	Hokkaido Prefecture	Rivers	Tokoro River	Tadashi Bridge	Kitami City	2015/10/16	Sunny	0.9	10	81.4	Sand	Bi-212	20	18	400	16	
												Bi-214	12	2.8			
												K-40	400	16			
												Pb-212	17	2.4			
												Pb-214	15	2.5			
												Ra-226	34	26			
												Tl-208	17	3.3			
												Ac-228	7.6	4.7			
5	Hokkaido Prefecture	Rivers	Kushiro River	Intake at the Aikoku water purification plant in Kushiro City	Kushiro City	2015/10/19	Sunny	1.8	10	56.6	Sand	Bi-214	4.0	3.2	210	17	
												Cs-137	3.3	1.3			
												K-40	180	17			
												Pb-212	6.7	2.3			
												Pb-214	4.1	2.8			
												Tl-208	5.4	3.5			
												Ac-228	19	5.9			
												Bi-212	29	21			
6	Hokkaido Prefecture	Rivers	Tokachi River	Nantai Bridge	Obihiro City	2015/10/19	Sunny	1.0	10	73.2	Sand	Bi-214	11	4	470	16	
												K-40	410	16			
												Pb-212	21	3.1			
												Pb-214	15	3.8			
												Tl-208	19	4.1			
												Ac-228	20	7.5			
												Bi-214	14	3.8			
												K-40	400	20			
7	Hokkaido Prefecture	Rivers	Sarugawa River	Sarugawa Bridge (Tomigawa)	Hidaka Town	2015/10/20	Cloudy	1.2	10	66.2	Silt/sand	Pb-212	22	3.6	470	18	
												Pb-214	17	4.0			
												Tl-208	14	6.2			
												Ac-228	7.7	4.1			
												Bi-212	21	2.5			
												Bi-214	12	2.5			
												Cs-137	2.6	1.3			
												K-40	330	15			
8	Hokkaido Prefecture	Rivers	Matsukura River	Mitsumoribashi Bridge (Before the confluence with Torasawa River)	Hakodate City	2015/10/21	Sunny	0.3	10	84.6	Sand	Pb-212	14	2.3	390	16	
												Pb-214	13	2.6			
												Th-234	27	22			
												Tl-208	11	3.4			

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Results of Measurement in Public Water Areas(Sediment)

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	Shiribeshi-toshibetsu River	Intake at the Kitahiyama simple water plant in Kitahiyama Town	Setana Town	2015/10/21	Sunny	0.6	10	83.3	Gravel	Ac-228	31	7.3	750	18		
											Bi-212	52	21				
											Bi-214	18	4.0				
											K-40	550	20				
											Pb-212	32	3.7				
											Pb-214	23	3.9				
											Tl-208	25	5.2				
10	Aomori Prefecture	Iwaki River	Tsugaru-ohashi Bridge	Nakadomari Town	2015/10/22	Sunny	3.1	10	71.2	Silt/sand	Ac-228	5.5	4.5	400	15		
											Bi-214	8.8	2.8				
											K-40	350	17				
											Pb-212	11	2.3				
											Pb-214	12	2.4				
											Tl-208	10	3.6				
											Cs-137	1.5	1.4				
11	Aomori Prefecture	Mabechi River	Shiruchi Bridge	Hachinohe City	2015/10/20	Sunny	1.2	10	51.1	Silt	Ac-228	4.9	4.6	280	17		
											Be-7	19	13				
											Bi-214	6.1	3.4				
											K-40	260	21				
											Pb-212	14	2.3				
											Pb-214	8.8	2.5				
											Th-234	34	22				
											Tl-208	10	3.7				
											Cs-137	3.6	1.4				
											Ac-228	5.5	3.9				
											Bi-214	9.1	2.5				
											K-40	210	15				
											Pb-212	14	2.3				
Pb-214	9.5	2.4															
Tl-208	11	3.1															
Cs-137	2.3	1.3															
12	Iwate Prefecture	Mabechi River	Fugane Bridge	Ninohe City	2015/10/19	Sunny	1.3	10	73.6	Silt/sand	Ac-228	23	8.9	600	18		
											Be-7	100	37				
											Bi-214	20	7.4				
											K-40	420	36				
											Pb-212	35	6.1				
											Pb-214	17	7.5				
											Ra-226	96	64				
											Th-234	110	61				
											Tl-208	23	9.6				
											Cs-134	13	3.0				
											Cs-137	57	4.1				
											Ac-228	14	6.8				
											Bi-212	29	25				
Bi-214	16	4.1															
K-40	380	20															
Pb-212	15	3.7															
Pb-214	11	4.2															
Tl-208	12	5.4															
Cs-134	6.4	1.7															
Cs-137	22	1.8															
13	Iwate Prefecture	Heigawa River	Miyako Bridge	Miyako City	2015/10/16	Sunny	1.8	10	22.1	Silt	Ac-228	15	6.7	510	16		
											Bi-214	10	4.3				
											K-40	450	18				
											Pb-212	15	3.7				
											Pb-214	11	4.2				
											Tl-208	11	5.8				
											Cs-134	11	1.7				
Cs-137	41	2.0															
14	Miyagi Prefecture	Abukuma River	Iwanuma (Abukuma Bridge)	Iwanuma City	2015/10/13	Sunny	1.1	10	77.9	Sand	Ac-228	14	6.8	430	17		
											Bi-212	29	25				
											Bi-214	16	4.1				
											K-40	380	20				
											Pb-212	15	3.7				
											Pb-214	11	4.2				
											Tl-208	12	5.4				
Cs-134	6.4	1.7															
Cs-137	22	1.8															
15	Miyagi Prefecture	Abukuma River	Iwanuma (Abukuma Bridge)	Iwanuma City	2015/10/13	Sunny	1.1	10	77.9	Sand	Ac-228	14	6.8	430	17		
											Bi-212	29	25				
											Bi-214	16	4.1				
											K-40	380	20				
											Pb-212	15	3.7				
											Pb-214	11	4.2				
											Tl-208	12	5.4				
Cs-134	6.4	1.7															
Cs-137	22	1.8															

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Results of Measurement in Public Water Areas(Sediment)

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 (Ba/kg-dry)	Detection limits (Ba/kg-dry)	Measured values (Ba/kg-dry)	Detection limits (Ba/kg-dry)	
16	Miyagi Prefecture	Rivers	Natori River	Yuriage-ohashi Bridge	Natori City	2015/10/14	Sunny	0.9	10	58.0	Silt	Ac-228	5.3	5.1	440	17	
												Bi-214	8.9	3.7			
												K-40	380	20			
												Pb-212	15	3.2			
												Pb-214	12	3.6			
												Tl-208	11	4.9			
												Cs-134	11	1.7			
												Cs-137	51	1.7			
												Ac-228	5.6	4.1			
												Bi-214	11	2.3			
17	Akita Prefecture	Rivers	Yoneshiro River	Noshiro Bridge	Noshiro City	2015/10/23	Sunny	3.2	10	82.1	Sand	K-40	400	15	470	16	
												Pb-212	15	2.2			
												Pb-214	12	2.5			
												Ra-226	24	24			
												Tl-208	13	3.0			
												Ac-228	9.3	5.4			
												Bi-214	11	2.3			
												K-40	400	20			
												Pb-212	21	2.8			
												Pb-214	13	3.5			
18	Akita Prefecture	Rivers	Omono River	Kurose Bridge	Akita City	2015/10/26	Sunny	1.7	10	56.8	Silt/sand	Ra-226	36	34	490	19	
												Th-234	42	28			
												Tl-208	18	4.3			
												Cs-137	5.0	1.9			
												Ac-228	9.2	4.7			
												Bi-212	31	17			
												Bi-214	16	2.6			
												K-40	390	18			
												Pb-212	19	2.8			
												Pb-214	15	3.0			
19	Yamagata Prefecture	Rivers	Mogami River	Ryou Bridge	Sakata City	2015/10/28	Sunny	2.9	10	76.0	Silt/sand	Ra-226	30	29	520	17	
												Th-234	43	25			
												Tl-208	18	3.6			
												Cs-134	2.4	1.1			
												Cs-137	9.7	1.5			
												Ac-228	13	5.0			
												Bi-212	33	22			
												Bi-214	16	3.5			
												K-40	590	17			
												Pb-212	30	3.0			
20	Yamagata Prefecture	Rivers	Akagawa River	Shinkawa Bridge	Sakata City	2015/10/29	Cloudy	0.8	10	69.0	Silt/sand	Pb-214	18	3.4	660	16	
												Ra-226	41	35			
												Th-234	36	30			
												Tl-208	28	4.8			
												Cs-137	2.3	1.7			
												Ac-228	22	5.8			
												Bi-212	41	26			
												Bi-214	26	4.1			
												K-40	580	22			
												Pb-212	44	3.5			
21	Fukushima Prefecture	Rivers	Agano River	Shingo Dam	Kitakata City	2015/10/22	Sunny	6.1	10	51.8	Silt	Pb-214	25	4.2	770	17	
												Ra-226	75	39			
												Th-234	53	34			
												Tl-208	34	5.9			
												Cs-134	4.6	1.9			
												Cs-137	19	2.1			

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Results of Measurement in Public Water Areas(Sediment)

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-drv)	Detection limits (Bq/kg-drv)	Measured values (Bq/kg-drv)	Detection limits (Bq/kg-drv)														
22	Fukushima Prefecture	Rivers	Abukuma River	Taisho Bridge (Fushiguro)	Date City	2015/10/20	Sunny	0.8	10	68.9	Sand	Ac-228	27	7.5	610	18														
												Bi-212	37	33																
												Bi-214	12	7.9																
												K-40	430	21																
												Pb-212	22	6.3																
												Pb-214	17	8.1																
												Tl-208	20	10																
												Cs-134	60	3.7																
												Cs-137	250	3.2																
												Ac-228	9.8	5.2			770	17												
Bi-212	19	17																												
Bi-214	14	3.0																												
K-40	660	17																												
Pb-212	20	2.5																												
Pb-214	18	2.6																												
Th-234	47	26																												
Tl-208	16	3.9																												
Cs-134	2.3	1.2																												
Cs-137	6.4	1.5																												
24	Ibaraki Prefecture	Lake	Lake Kasumigaura	Center	Miho Village	2015/10/27	Sunny	5.9	10	16.1	Silt	Ac-228	19	10	560	18														
												Bi-214	18	8.1																
												K-40	350	63																
												Pb-212	36	5.8																
												Pb-214	22	8.0																
												Th-234	47	41																
												Tl-208	28	11																
												Cs-134	53	3.4																
												Cs-137	250	3.5																
												25	Ibaraki Prefecture	Rivers			Kokai River	Fumimaki Bridge	Toride City	2015/10/23	Cloudy	0.9	10	57.3	Silt/sand	Ac-228	15	5.9	580	17
Bi-214	19	4.3																												
K-40	470	22																												
Pb-212	34	3.9																												
Pb-214	21	4.4																												
Ra-226	49	43																												
Th-234	35	33																												
Tl-208	28	5.7																												
Cs-134	8.1	1.8																												
Cs-137	49	2.0																												
26	Tochigi Prefecture	Rivers	Nakagawa River	Shinnaka Bridge	Nakagawa Town	2015/10/14	Sunny	1.6	10	77.9	Sand	Ac-228	19	5.9	430	18														
												Bi-214	8.8	4.4																
												K-40	330	17																
												Pb-212	21	3.3																
												Pb-214	13	3.4																
												Tl-208	18	5.2																
												Cs-134	3.1	1.8																
												Cs-137	17	1.6																
												27	Tochigi Prefecture	Rivers			Kinugawa River	Kinugawa Bridge (Hoshakuji Temple)	Utsunomiya City	2015/10/15	Sunny	2.4	10	84.1	Sand	Ac-228	28	7.1	620	17
																										Bi-214	21	4.9		
K-40	530	22																												
Pb-212	30	4.0																												
Pb-214	21	3.4																												
Tl-208	26	5.3																												
Cs-137	14	2.3																												
28	Gunma Prefecture	Rivers	Tonegawa River	Toneozeki Weir	Chiyoda Town/ Gyoda City (Saitama Prefecture)	2015/10/13	Sunny	0.2	10	31.0	Silt				Ac-228	23										9.2	720	19		
															Bi-214	14										8.1				
															K-40	290										26				
												Pb-212	28	7.2																
												Pb-214	14	9.4																
												Tl-208	18	12																
												Cs-134	51	4.0																
												Cs-137	230	3.3																

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Results of Measurement in Public Water Areas(Sediment)

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-drv)	Detection limits (Bq/kg-drv)	Measured values (Bq/kg-drv)	Detection limits (Bq/kg-drv)														
29	Gunma Prefecture	Rivers	Watarase River	Watarase-ohashi Bridge	Tatebayashi City	2015/10/13	Sunny	2.2	10	64.6	Sand	Ac-228	23	6.9	600	18														
												Bi-214	16	4.6																
												K-40	440	19																
												Pb-212	24	4.2																
												Pb-214	17	4.2																
												Tl-208	25	5.9																
												Cs-134	7.3	1.7																
												Cs-137	29	2.2																
												Ac-228	21	6.1																
												Bi-214	14	3.7																
30	Saitama Prefecture	Rivers	Arakawa River	Kugebashi Bridge	Kumagaya City	2015/10/14	Sunny	0.8	10	77.4	Sand	K-40	390	16	500	16														
												Pb-212	23	3.3																
												Pb-214	15	3.6																
												Tl-208	17	4.5																
												Cs-137	5.1	1.8																
												Ac-228	25	7.3																
												Bi-212	37	28																
												Bi-214	15	4.7																
												K-40	380	23																
												Pb-212	24	3.8																
31	Saitama Prefecture	Rivers	Arakawa River	Akigase Intake Weir	Saitama City/Shiki City	2015/10/13	Sunny	2.7	10	63.4	Silt/sand	Pb-214	15	4.1	500	18														
												Tl-208	16	6.4																
												Cs-134	6.6	1.7																
												Cs-137	28	2.3																
												Ac-228	10	5.4																
												Bi-212	24	21																
												Bi-214	15	4.2																
												K-40	380	20																
												Pb-212	21	3.4																
												Pb-214	19	3.7																
32	Saitama Prefecture	Rivers	Edogawa River	Nagareyama Bridge	Nagareyama City (Chiba Prefecture) / Misato City	2015/10/15	Sunny	0.6	10	58.4	Silt/sand	Ra-226	49	36	480	19														
												Tl-208	17	5.0																
												Cs-134	13	1.8																
												Cs-137	55	2.0																
												Ac-228	12	7.4																
												Bi-214	15	3.9																
												K-40	420	19																
												Pb-212	17	3.7																
												Pb-214	14	3.6																
												Tl-208	16	5.5																
33	Saitama Prefecture	Rivers	Tonegawa River	Kakozeki Weir	Tonosho Town	2015/11/5	Sunny	5.2	10	71.4	Sand	Cs-134	7.1	1.5	460	16														
												Cs-137	27	1.9																
												Ac-228	5.5	5.4																
												Be-7	52	20																
												Bi-214	10	4.6																
												K-40	360	21																
												Pb-212	20	3.7																
												Pb-214	10	4.1																
												Th-234	47	35																
												Tl-208	16	5.8																
34	Chiba Prefecture	Rivers	Ichnomiya River	Nakano Bridge	Ichnomiya Town	2015/12/8	Cloudy	2.9	10	33.6	Silt	Cs-134	15	2.0	540	17														
												Cs-137	66	2.0																
												Ac-228	17	9.3																
												K-40	190	31																
												Pb-212	24	10																
												Pb-214	26	13																
												Cs-134	130	6.1																
												Cs-137	580	5.5																
												35	Chiba Prefecture	Lake			Lake Inbanuma	Lower area of water purification plant intake	Sakura City	2015/11/6	Sunny	1.4	10	21.2	Silt	Ac-228	17	9.3	540	19
																										K-40	190	31		
Pb-212	24	10																												
Pb-214	26	13																												
Cs-134	130	6.1																												
Cs-137	580	5.5																												

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Results of Measurement in Public Water Areas(Sediment)

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)														
43	Niigata Prefecture	Rivers	Shinano River	Heisei-ohashi Bridge	Niigata City	2015/10/16	Sunny	4.3	10	71.0	Sand	Ac-228	15	5.1	710	18														
												Be-7	21	18																
												Bi-212	26	22																
												Bi-214	18	3.2																
												K-40	660	18																
												Pb-212	24	3.0																
												Pb-214	22	3.0																
												Tl-208	25	4.2																
												Cs-137	5.7	1.7																
												Ac-228	27	7.1																
44	Niigata Prefecture	Rivers	Agano River	Oun Bridge	Niigata City	2015/10/16	Sunny	2.6	10	76.0	Sand	Bi-212	38	33	700	18														
												Bi-214	20	4.3																
												K-40	660	16																
												Pb-212	29	3.8																
												Pb-214	21	3.8																
												Tl-208	24	5.9																
												Cs-134	2.5	1.9																
												Cs-137	11	2.1																
												Ac-228	13	6.2																
												50	Yamanashi Prefecture	Rivers			Sagami River	Katsuragawa Bridge	Uenohara City	2015/10/22	Sunny	3.8	10	71.7	Sand	Bi-214	10	3.9	390	17
K-40	310	16																												
Pb-212	19	3.1																												
Pb-214	13	3.0																												
Ra-226	41	35																												
Tl-208	14	4.2																												
Cs-137	2.6	1.5																												
Ac-228	10	4.6																												
51	Yamanashi Prefecture	Rivers	Fujikawa River	Nanbu Bridge	Nanbu Town	2015/10/21	Sunny	0.3	10	84.4	Sand/gravel				Bi-212	19										17	560	17		
															Bi-214	13										2.8				
												K-40	530	16																
												Pb-212	21	2.4																
												Pb-214	16	2.6																
												Ra-226	39	28																
												Tl-208	18	3.5																
												Bi-214	4.5	2.3																
												57	Shizuoka Prefecture	Rivers	Karino River	Kurose Bridge	Numazu City	2015/10/20	Sunny	0.9	10	77.1	Sand/gravel	K-40	180	14			190	15
																								Pb-212	5.9	1.7				
Pb-214	5.2	1.8																												
Ra-226	21	18																												
Tl-208	4.5	2.6																												
Cs-137	1.3	0.83																												
Ac-228	15	5.3																												
58	Shizuoka Prefecture	Rivers	Oigawa River	Fujimi Bridge	Yaizu City /Yoshida Town	2015/10/21	Sunny	3.8	10	73.3	Sand													Bi-212	32	20	650	17		
																								Bi-214	18	3.2				
																								K-40	560	15				
												Pb-212	34	3.0																
												Pb-214	23	3.0																
												Ra-226	41	33																
												Th-234	43	29																
												Tl-208	30	3.9																
												59	Shizuoka Prefecture	Rivers	Tenryu River	Kaketsuka Bridge	Iwata City /Hamamatsu City	2015/10/22	Sunny	1.7	10	90.8	Sand/gravel	Ac-228	17	4.2			600	17
																								Bi-212	40	13				
Bi-214	14	2.9																												
K-40	550	14																												
Pb-212	32	2.6																												
Pb-214	16	2.7																												
Tl-208	29	3.7																												

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Results of Measurement in Public Water Areas(Sediment)

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)	
45	Toyama Prefecture	Rivers	Jinzu River	Hagiura Bridge	Toyama City	2015/10/26	Cloudy	4.9	10	41.0	Silt	Ac-228	52	8.7	910	20	
												Bi-212	61	31			
												Bi-214	34	4.7			
												K-40	690	30			
												Pb-212	60	4.2			
												Pb-214	41	4.4			
												Ra-226	95	50			
												Th-234	76	39			
												Tl-208	51	6.7			
												Cs-137	3.5	2.5			
46	Ishikawa Prefecture	Rivers	Saigawa River	Okuwa Bridge	Kanazawa City	2015/10/28	Cloudy	0.4	10	72.8	Sand	Ac-228	26	5.8	720	18	
												Bi-212	28	24			
												Bi-214	17	3.2			
												K-40	590	19			
												Pb-212	28	3.1			
												Pb-214	17	3.2			
												Tl-208	25	4.4			
												Cs-137	2.1	1.6			
												Ac-228	39	5.3			
												Bi-212	55	22			
Bi-214	24	2.9															
K-40	580	17															
Pb-212	41	3.0															
Pb-214	26	3.0															
Ra-226	69	43															
Th-234	48	32															
Tl-208	34	4.3															
47	Ishikawa Prefecture	Rivers	Tedoru River	Hakusangoguchi Dike	Hakusan City	2015/11/30	Sunny	2.8	10	78.5	Sand	Ac-228	30	7.1	730	17	
												Be-7	37	26			
												Bi-212	38	28			
												Bi-214	25	4.1			
												K-40	570	24			
												Pb-212	40	3.5			
												Pb-214	24	4.0			
												Ra-226	68	36			
												Th-234	57	34			
												Tl-208	33	5.1			
Cs-137	3.9	1.9															
Ac-228	19	7.8															
Bi-214	13	4.5															
K-40	440	30															
Pb-212	27	2.9															
Pb-214	18	3.7															
Th-234	29	26															
Tl-208	20	5.5															
48	Fukui Prefecture	Rivers	Kuzuryu River	Fuseda Bridge	Fukui City	2015/10/30	Cloudy	1.0	10	42.1	Silt	Ac-228	45	6.3	770	18	
												Bi-212	56	28			
												Bi-214	27	4.6			
												K-40	640	21			
												Pb-212	50	3.7			
												Pb-214	35	3.9			
												Ra-226	69	38			
												Th-234	58	36			
												Tl-208	45	5.4			
												49	Fukui Prefecture	Rivers			Kitagawa River
Bi-214	13	4.5															
K-40	440	30															
Pb-212	27	2.9															
Pb-214	18	3.7															
Th-234	29	26															
Tl-208	20	5.5															
Ac-228	45	6.3															
Bi-212	56	28															
Bi-214	27	4.6															
52	Nagano Prefecture	Rivers	Shinano River	Ozeki Bridge	Iiyama City	2015/11/6	Sunny	0.7	10	64.1	Sand	Ac-228	45	6.3	860	19	
												Bi-212	56	28			
												Bi-214	27	4.6			
												K-40	640	21			
												Pb-212	50	3.7			
												Pb-214	35	3.9			
												Ra-226	69	38			
												Th-234	58	36			
												Tl-208	45	5.4			

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Results of Measurement in Public Water Areas(Sediment)

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)														
53	Nagano Prefecture	Rivers	Saigawa River	Koichi Bridge	Nagano City	2015/11/5	Sunny	2.2	10	78.0	Sand	Ac-228	57	6.3	850	18														
												Bi-212	67	22																
												Bi-214	29	3.8																
												K-40	720	17																
												Pb-212	62	3.5																
												Pb-214	36	3.6																
												Ra-226	74	38																
												Th-234	59	37																
												Tl-208	49	4.8																
												Ac-228	37	7.5																
54	Nagano Prefecture	Rivers	Tenryu River	Tsutsuji Bridge	Ida City	2015/11/4	Sunny	0.7	10	76.5	Sand	Bi-212	42	27	680	16														
												Bi-214	16	4.6																
												K-40	590	21																
												Pb-212	48	4.0																
												Pb-214	17	4.6																
												Tl-208	40	5.7																
												Ac-228	28	6.0																
												Bi-212	38	1.8																
												Bi-214	15	3.6																
												K-40	910	16																
55	Gifu Prefecture	Rivers	Kisogawa River	Tokai-ohashi Bridge (Naruto)	Kaizu City	2015/10/23	Sunny	2.1	10	76.8	Sand	Pb-212	34	3.0	1,100	18														
												Pb-214	22	2.9																
												Ra-226	38	32																
												Th-234	38	28																
												Tl-208	29	4.0																
												Ac-228	38	6.9																
												Bi-212	39	25																
												Bi-214	24	3.8																
												K-40	770	20																
												56	Gifu Prefecture	Rivers			Nagara River	Tokai-ohashi Bridge	Kaizu City	2015/10/23	Sunny	6.7	10	68.2	Silt	Pb-212	46	3.3	900	19
Pb-214	24	3.7																												
Ra-226	48	37																												
Tl-208	38	4.9																												
Ac-228	9.4	7.4																												
Bi-214	10	3.9																												
K-40	570	20																												
Pb-212	13	3.2																												
60	Aichi Prefecture	Rivers	Shonai River	Mizuwake Bridge	Nagoya City	2015/11/2	Cloudy	0.7	10	77.9	Sand				Pb-214	15										3.3	680	17		
															Ra-226	42										33				
												Tl-208	9.9	5.7																
												Ac-228	44	6.5																
												Bi-212	43	25																
												Bi-214	21	3.9																
												K-40	680	19																
												Pb-212	45	3.3																
												61	Aichi Prefecture	Rivers	Yahagi River	Iwazutenjin Bridge	Okazaki City/Toyota City	2015/10/30	Cloudy	1.8	10	64.9	Sand	Pb-214	23	3.5			790	17
																								Ra-226	49	36				
Th-234	50	34																												
Tl-208	42	5.0																												
Cs-137	2.2	1.9																												
Ac-228	22	4.3																												
Bi-212	22	20																												
Bi-214	11	2.8																												
62	Aichi Prefecture	Rivers	Toyogawa River	Eshima Bridge	Toyokawa City	2015/10/29	Sunny	0.5	10	85.6	Sand													K-40	370	15	430	16		
																								Pb-212	27	2.3				
												Pb-214	12	2.6																
												Tl-208	20	3.7																

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Results of Measurement in Public Water Areas(Sediment)

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)	
63	Mie Prefecture	Rivers	Suzuka River	Ogura Bridge	Yokkaichi City	2015/10/15	Sunny	0.4	10	83.3	Sand	Ac-228	15	4.2	860	17	
												Bi-214	5.9	3.4			
												K-40	910	15			
												Pb-212	16	2.4			
												Pb-214	9.6	2.7			
TL-208	13	3.8															
64	Mie Prefecture	Rivers	Miyakawa River	Watarai Bridge	Ise City	2015/10/16	Sunny	0.4	10	76.1	Silt	Ac-228	29	5.8	690	18	
												Bi-212	32	18			
												Bi-214	17	3.3			
												K-40	540	15			
												Pb-212	32	2.9			
Pb-214	19	3.0															
Th-234	34	29															
TL-208	26	3.7															
65	Shiga Prefecture	Rivers	Adogawa River	Joan Bridge	Takashima City	2015/10/15	Sunny	1.1	10	90.5	Sand/gravel	Ac-228	28	7.5	530	16	
												Bi-212	31	20			
												Bi-214	16	4.6			
												K-40	520	37			
												Pb-212	33	3.4			
Pb-214	19	4.0															
TL-208	28	5.7															
66	Shiga Prefecture	Lake	Lake Biwako	Karasakioki-Chuo	-	2015/10/14	Sunny	5.3	10	25.1	Silt/sand	Ac-228	90	7.8	970	23	
												Bi-212	100	37			
												Bi-214	50	5.6			
												K-40	630	28			
												Pb-212	95	5.0			
Pb-214	48	5.3															
Ra-226	120	52															
TL-208	86	6.7															
Cs-137	5.6	2.7															
67	Kyoto Prefecture	Rivers	Yuragawa River	Yuragawa Bridge	Maizuru City	2015/10/27	Sunny	3.2	10	67.8	Silt/sand	Ac-228	18	4.8	450	19	
												Bi-214	12	3.0			
												K-40	370	15			
												Pb-212	19	2.3			
												Pb-214	13	2.6			
TL-208	17	3.1															
68	Kyoto Prefecture	Rivers	Katsura River	Before the confluence of three tributaries of Katsura River	Oyamazaki Town	2015/10/28	Sunny	1.3	10	85.0	Sand/gravel	Ac-228	15	7.6	650	16	
												Bi-214	12	4.1			
												K-40	720	36			
												Pb-212	22	3.1			
												Pb-214	17	3.7			
TL-208	18	5.3															
69	Osaka Prefecture	Rivers	Inagawa River	Gunko Bridge	Itami City (Hyogo Prefecture)	2015/10/22	Cloudy	0.5	10	85.3	Sand/gravel	Ac-228	20	4.9	750	16	
												Bi-212	21	18			
												Bi-214	13	3.0			
												K-40	670	16			
												Pb-212	24	2.5			
Pb-214	14	2.5															
Ra-226	35	29															
TL-208	20	3.6															
70	Osaka Prefecture	Rivers	Yodogawa River	Sugaharashirokita-ohashi Bridge	Osaka City	2015/10/23	Sunny	8.1	10	47.4	Silt/sand	Ac-228	53	7.5	850	21	
												Bi-212	57	36			
												Bi-214	38	4.5			
												K-40	640	28			
												Pb-212	60	4.1			
Pb-214	39	4.2															
Ra-226	83	43															
TL-208	47	6.5															
Cs-137	3.1	2.4															

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Results of Measurement in Public Water Areas(Sediment)

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)	
71	Osaka Prefecture		Ishikawa River	Takahashi	Tondabayashi City	2015/10/26	Sunny	0.3	10	83.6	Silt/sand/gravel	Ac-228	21	5.6	780	16	
												Bi-212	23	18			
												Bi-214	13	2.6			
												K-40	750	15			
												Pb-212	23	2.3			
												Pb-214	12	2.8			
												Tl-208	20	3.5			
												Ac-228	18	4.5			
72			Kakogawa River	Kakogawa Bridge	Kakogawa City	2015/10/20	Sunny	1.5	10	87.5	Sand/gravel	Bi-214	12	2.4	590	16	
												K-40	540	14			
												Pb-212	22	2.3			
												Pb-214	14	2.5			
												Ra-226	25	22			
												Tl-208	19	3.7			
												Ac-228	36	6.3			
												Bi-212	35	24			
73	Hyogo Prefecture		Mukogawa River	Hyakkenbi	Takarazuka City	2015/10/21	Sunny	0.2	10	79.0	Sand/gravel	Bi-214	31	3.5	1,100	20	
												K-40	970	17			
												Pb-212	37	3.1			
												Pb-214	32	3.2			
												Ra-226	58	38			
												Tl-208	27	4.7			
												Ac-228	20	7.6			
												Bi-212	33	29			
74			Maruyama River	kaminogo Bridge	Toyouka City	2015/10/19	Sunny	0.5	10	86.7	Sand/gravel	Bi-214	14	4.5	680	16	
												K-40	650	30			
												Pb-212	26	2.9			
												Pb-214	17	3.7			
												Tl-208	20	5.6			
												Ac-228	12	4.3			
												Bi-212	5.8	2.8			
												Bi-214	14	2.7			
75	Nara Prefecture		Yamato River	Fuji	Oji Town	2015/10/20	Sunny	1.2	10	80.1	Sand	K-40	540	14	580	16	
												Pb-212	11	2.3			
												Pb-214	6.0	2.2			
												Tl-208	12	3.0			
												Ac-228	21	3.8			
												Bi-212	23	17			
												Bi-214	14	2.7			
												K-40	400	14			
76			Kinokawa River	Okura Bridge	Gojo City	2015/10/19	Sunny	3.2	10	80.4	Sand	Pb-212	24	2.4	440	17	
												Pb-214	14	2.6			
												Ra-226	29	27			
												Tl-208	21	3.3			
												Ac-228	26	7.6			
												Bi-212	20	4.8			
												K-40	580	22			
												Pb-212	31	3.9			
77	Wakayama Prefecture		Kinokawa River	Shinrokkaizeki Weir	Wakayama City	2015/10/14	Sunny	3.1	10	64.4	Silt	Pb-214	19	4.2	640	18	
												Tl-208	20	7.1			
												Ac-228	31	5.7			
												Bi-212	47	21			
												Bi-214	21	3.0			
												K-40	570	16			
												Pb-212	39	2.8			
												Pb-214	19	2.9			
78			Kumano River	Kumano-ohashi Bridge	Shingu City	2015/10/15	Sunny	4.0	10	81.9	Sand	Ra-226	40	38	700	19	
												Tl-208	31	4.1			

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Results of Measurement in Public Water Areas(Sediment)

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)	
79	Tottori Prefecture		Sendai River	Gyotoku	Tottori City	2015/10/20	Sunny	2.5	10	81.7	Sand/gravel	Ac-228	20	6.4	670	19	
												Bi-214	16	4.0			
												K-40	630	19			
												Pb-212	25	3.6			
												Pb-214	17	4.0			
TI-208	18	5.4															
80	Shimane Prefecture		Hiikawa River	Kandatsu Bridge	Izumo City	2015/10/22	Cloudy	0.5	10	79.3	Sand	Ac-228	20	6.7	990	15	
												Bi-212	29	29			
												Bi-214	9.0	4.4			
												K-40	850	20			
												Pb-212	18	3.6			
Pb-214	11	3.9															
TI-208	17	5.6															
81			Gonokawa River	Sakurae-ohashi Bridge	Gotsu City	2015/10/23	Sunny	3.0	10	76.3	Sand	Ac-228	19	6.8	820	18	
												Bi-214	12	4.4			
												K-40	650	20			
												Pb-212	24	3.4			
												Pb-214	13	4.3			
TI-208	20	5.3															
82	Okayama Prefecture		Asahi River	Otoite Weir	Okayama City	2015/10/19	Sunny	1.3	10	83.9	Sand/gravel	Ac-228	12	3.4	640	17	
												Bi-214	12	2.9			
												K-40	610	14			
												Pb-212	16	2.4			
												Pb-214	15	2.4			
TI-208	14	3.2															
83			Takahashi River	Kasumi Bridge	Kurashiki City	2015/10/16	Sunny	2.3	10	80.0	Sand/gravel	Ac-228	25	5.7	1,000	16	
												Bi-212	28	21			
												Bi-214	16	3.3			
												K-40	920	17			
												Pb-212	28	2.7			
Pb-214	21	3.0															
TI-208	23	4.6															
84	Hiroshima Prefecture		Ota River	Water purification plant intake in Hesaka	Hiroshima City	2015/10/15	Sunny	1.8	10	65.4	Silt/sand	Ac-228	44	6.9	1,100	19	
												Bi-212	39	30			
												Bi-214	37	3.6			
												K-40	950	20			
												Pb-212	51	3.4			
Pb-214	41	3.9															
TI-208	40	5.0															
85			Ashida River	Kominomi Bridge	Fukuyama City	2015/10/14	Sunny	1.1	10	78.8	Sand/gravel	Ac-228	21	6.3	1,000	19	
												Bi-214	14	3.2			
												K-40	1000	19			
												Pb-212	23	2.8			
												Pb-214	14	3.0			
TI-208	17	3.9															
86	Yamaguchi Prefecture		Nishiki River	Water purification plant intake for the city	Iwakuni City	2015/10/27	Rain	5.6	10	65.4	Silt/sand	Ac-228	37	6.8	820	19	
												Bi-212	44	25			
												Bi-214	27	3.9			
												K-40	710	19			
												Pb-212	42	3.4			
Pb-214	28	3.5															
Ra-226	62	39															
TI-208	29	4.9															
87			Kotogawa River	Suenobu Bridge	Ube City	2015/10/26	Sunny	3.1	10	72.1	Sand	Ac-228	37	7.0	1,200	18	
												Bi-212	47	28			
												Bi-214	29	3.7			
												K-40	1000	20			
												Pb-212	43	28			
Pb-214	32	3.7															
TI-208	32	4.8															

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Results of Measurement in Public Water Areas(Sediment)

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	2015/11/7	Rain	4.1	10	81.5	Sand	Ac-228	12	6.5	410	17	
												Bi-214	11	3.3			
												K-40	340	18			
												Pb-212	19	2.9			
												Pb-214	12	3.4			
TI-208	18	4.1															
89	Tokushima Prefecture	Rivers	Nakagawa River	Nakagawa Bridge	Anan City	2015/11/6	Cloudy	2.8	10	74.9	Sand	Ac-228	27	5.5	640	18	
												Bi-212	39	19			
												Bi-214	19	2.8			
												K-40	530	16			
												Pb-212	28	2.8			
Pb-214	20	3.0															
TI-208	24	3.8															
90	Kagawa Prefecture	Rivers	Dokigawa River	Marugame Bridge	Marugame City	2015/10/30	Sunny	0.4	10	72.6	Sand	Ac-228	29	5.8	860	18	
												Bi-212	31	20			
												Bi-214	19	3.5			
												K-40	830	19			
												Pb-212	35	2.9			
Pb-214	17	3.2															
TI-234	31	28															
TI-208	25	4.4															
91	Ehime Prefecture	Rivers	Shigenobu River	Deai Bridge	Matsuyama City	2015/10/28	Sunny	0.2	10	78.1	Sand/gravel	Ac-228	41	6.0	920	18	
												Bi-212	50	26			
												Bi-214	23	3.3			
												K-40	860	17			
												Pb-212	45	3.3			
Pb-214	23	3.4															
TI-208	40	4.7															
92	Ehime Prefecture	Rivers	Hijikawa River	Hijikawa Bridge	Ozu City	2015/10/29	Sunny	0.7	10	81.8	Sand/gravel	Ac-228	12	3.4	230	16	
												Bi-214	11	2.2			
												K-40	230	14			
												Pb-212	13	2.1			
												Pb-214	11	2.0			
TI-208	12	3.0															
93	Kochi Prefecture	Rivers	Kagami River	Kachuzeki Weir	Kochi City	2015/11/5	Sunny	2.7	10	84.4	Sand/gravel	Ac-228	14	4.3	430	18	
												Bi-212	22	16			
												Bi-214	11	2.8			
												K-40	330	14			
												Pb-212	16	2.2			
Pb-214	15	2.5															
TI-208	14	3.3															
94	Kochi Prefecture	Rivers	Niyodo River	Hatazeki Weir (1) Center of flow	Ino Town	2015/11/4	Sunny	0.4	10	90.0	Sand/gravel	Ac-228	16	3.6	480	15	
												Bi-214	11	2.1			
												K-40	310	13			
												Pb-212	16	2.2			
												Pb-214	14	2.4			
TI-208	14	3.4															
95	Fukuoka Prefecture	Rivers	Onga River	Hinode Bridge	Nogata City	2015/10/13	Sunny	1.2	10	79.5	Sand	Ac-228	12	7.3	650	17	
												Bi-214	7.8	3.5			
												K-40	670	19			
												Pb-212	18	3.1			
												Pb-214	12	3.5			
TI-208	11	5.4															
96	Fukuoka Prefecture	Rivers	Nakagawa River	Shiobara Bridge	Fukuoka City	2015/10/14	Sunny	0.8	10	75.8	Sand	Ac-228	46	8.3	840	16	
												Bi-212	52	33			
												Bi-214	8.8	5.4			
												K-40	880	20			
												Pb-212	41	4.1			
Pb-214	11	4.3															
TI-208	36	6.2															

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Results of Measurement in Public Water Areas(Sediment)

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	2015/10/15	Sunny	4.6	10	54.7	Silt/sand	Ac-228	15	6.3	490	20	
												Bi-212	23	22			
												Bi-214	15	3.5			
												K-40	440	19			
												Pb-212	26	3.0			
												Pb-214	20	3.3			
												Ra-226	52	30			
Tl-208	22	4.7															
98	Saga Prefecture	Rivers	Kasegawa River	Kasebashi Bridge	Saga City	2015/10/16	Sunny	3.3	10	74.6	Sand	Ac-228	20	5.4	760	16	
												Bi-212	24	19			
												Bi-214	9.5	3.0			
												K-40	650	17			
												Pb-212	18	2.6			
												Pb-214	12	2.6			
												Tl-208	17	4.0			
99	Nagasaki Prefecture	Rivers	Honmyogawa River	In front of Tenma Park	Isahaya City	2015/10/19	Sunny	1.2	10	70.3	Sand	Ac-228	25	5.0	490	18	
												Bi-212	42	21			
												Bi-214	23	3.2			
												K-40	410	20			
												Pb-212	37	3.0			
												Pb-214	22	3.1			
												Ra-226	42	35			
Tl-208	30	4.2															
100	Nagasaki Prefecture	Rivers	Urakami River	Ohashizeki Weir	Nagasaki City	2015/10/20	Sunny	1.0	10	74.0	Sand	Ac-228	17	4.5	530	17	
												Bi-214	12	2.6			
												K-40	480	17			
												Pb-212	18	2.2			
												Pb-214	11	2.5			
												Tl-208	18	3.4			
												Ac-228	37	7.4			
101	Kumamoto Prefecture	Rivers	Kikuchi River	Shiroishi	Nagomi Town	2015/10/21	Sunny	6.0	10	49.7	Silt/sand	Bi-212	47	23	750	19	
												Bi-214	25	3.8			
												K-40	660	22			
												Pb-212	38	3.5			
												Pb-214	27	4.0			
												Ra-226	63	36			
												Tl-208	26	5.9			
102	Kumamoto Prefecture	Rivers	Midori River	Uesugizeki Weir	Kumamoto City	2015/10/22	Sunny	1.2	10	86.4	Sand/gravel	Ac-228	18	7.1	490	16	
												Bi-214	13	4.3			
												K-40	450	37			
												Pb-212	19	3.3			
												Pb-214	15	3.8			
												Tl-208	17	5.4			
												Ac-228	19	5.4			
103	Oita Prefecture	Rivers	Oita River	Funai-ohashi Bridge	Oita City	2015/11/2	Cloudy	2.1	10	78.8	Sand	Bi-214	13	2.8	560	17	
												K-40	450	16			
												Pb-212	21	2.6			
												Pb-214	15	2.6			
												Tl-208	16	3.9			
												Ac-228	24	6.0			
												Bi-212	44	24			
104	Oita Prefecture	Rivers	Ono River	Shirataki Bridge	Oita City	2015/10/31	Sunny	1.4	10	72.2	Sand	Bi-214	18	3.2	740	16	
												K-40	580	18			
												Pb-212	26	2.9			
												Pb-214	22	3.1			
												Tl-208	24	3.7			
												Ac-228	19	5.4			
												Bi-212	44	24			

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Results of Measurement in Public Water Areas(Sediment)

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)	
105	Miyazaki Prefecture	Rivers	Gokase River	Miwa	Nobeoka City	2015/10/30	Cloudy	1.5	10	84.9	Sand	Ac-228	30	4.8	650	16	
												Bi-212	32	21			
												Bi-214	22	3.1			
												K-40	530	16			
												Pb-212	34	2.8			
												Pb-214	24	3.0			
TI-208	29	4.1															
106	Miyazaki Prefecture	Rivers	Oyodo River	Shinaioi Bridge	Miyazaki City	2015/10/28	Sunny	3.2	10	58.9	Silt	Ac-228	29	6.4	690	16	
												Bi-212	25	22			
												Bi-214	22	3.5			
												K-40	520	20			
												Pb-212	35	3.1			
												Pb-214	22	3.4			
TI-208	30	4.2															
107	Kagoshima Prefecture	Rivers	Kotsuki River	Iwasaki Bridge	Kagoshima City	2015/10/26	Sunny	1.0	10	76.1	Sand	Ac-228	14	4.6	390	16	
												Bi-214	10	2.3			
												K-40	260	16			
												Pb-212	16	2.1			
												Pb-214	7.8	2.7			
												TI-208	13	2.9			
108	Kagoshima Prefecture	Rivers	Kimotsuki River	Matase Bridge	Kanoya City	2015/10/27	Sunny	0.9	10	75.5	Sand	Ac-228	16	4.5	350	17	
												Bi-212	20	17			
												Bi-214	11	2.4			
												K-40	360	15			
												Pb-212	16	2.4			
												Pb-214	10	2.4			
TI-208	14	2.9															
109	Okinawa Prefecture	Rivers	Genka River	Water intake	Nago City	2015/11/6	Cloudy	0.8	10	76.9	Sand	Ac-228	32	5.5	730	19	
												Bi-212	35	22			
												Bi-214	17	3.2			
												K-40	520	18			
												Pb-212	36	2.9			
												Pb-214	20	3.1			
Ra-226	50	34															
TI-208	31	4.3															
110	Okinawa Prefecture	Rivers	Miyara River	Omoto water intake	Ishigaki City	2015/11/7	Rain	1.1	10	80.8	Sand	Ac-228	21	4.7	350	17	
												Bi-212	28	17			
												Bi-214	16	2.9			
												K-40	260	16			
												Pb-212	21	2.6			
												Pb-214	18	2.9			
TI-208	22	3.8															

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Results of Measurement in Public Water Areas(Surrounding Environment)

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)
1	Hokkaido Prefecture	Rivers	Ishikari River	Water purification plant intake at Ishikari River in Asahikawa City	Asahikawa City	2015/10/15	Sunny	Loamy	Bi-212	53	51	0.05	Loamy	Ac-228	23	21	0.06	Soil sampling on the left riverbank and ambient dose rate measuring were carried out on 16th October.
									Bi-214	20	9.2			Bi-214	16	11		
									K-40	450	71			K-40	510	85		
									Pb-212	28	6.6			Pb-212	29	7.6		
									Pb-214	18	8.7			Pb-214	20	8.6		
TL-208	23	11	TL-208	19	13													
2	Hokkaido Prefecture	Rivers	Intake at the Shirakawa water purification plant in Sapporo City	Sapporo City	2015/10/22	Sunny	(No sampling conducted)	-	-	-	0.04	Loamy	Ac-228	23	18	0.05	The left riverbank of the sampling location was a cliff and sampling could not be conducted.	
								-	-	-			K-40	440	84			
								-	-	-			Pb-212	21	7.0			
								-	-	-			TL-208	17	12			
								-	-	-			-	-	-			
3	Hokkaido Prefecture	Rivers	Teshio River	Nakashibetsu Bridge (Intake at the Higashiyama water purification plant in Shibetsu City)	Shibetsu City	2015/10/15	Cloudy	Loamy	Bi-214	29	10	0.04	Loamy	Ac-228	15	14	0.06	
									K-40	360	110			Bi-212	61	58		
									Pb-212	40	8.3			Bi-214	14	10		
									Pb-214	25	11			K-40	620	86		
									Ra-226	110	95			Pb-212	29	7.1		
									Th-234	64	61			Pb-214	24	8.7		
									TL-208	33	15			TL-208	29	13		
									Ac-228	26	16			Ac-228	34	17		
									Bi-214	11	10			Bi-214	13	11		
									K-40	490	74			K-40	560	77		
4	Hokkaido Prefecture	Rivers	Tokoro River	Tadashi Bridge	Kitami City	2015/10/16	Sunny	Loamy	Bi-214	11	10	0.06	Sandy	Ac-228	13	11	0.05	
									K-40	490	74			K-40	560	77		
									Pb-212	26	6.0			Pb-212	26	7.0		
									Pb-214	21	8.0			Pb-214	22	8.2		
									Ra-226	69	64			TL-208	19	13		
									TL-208	17	12			-	-	-		
									-	-	-			-	-	-		
									-	-	-			-	-	-		
									-	-	-			-	-	-		
									-	-	-			-	-	-		
5	Hokkaido Prefecture	Rivers	Kushiro River	Intake at the Aikoku water purification plant in Kushiro City	Kushiro City	2015/10/19	Sunny	Loamy	K-40	380	63	0.04	Loamy	K-40	290	85	0.03	
									Pb-212	13	5.7			Pb-212	11	6.9		
									Pb-214	9.7	7.0			TL-208	16	12		
									-	-	-			-	-	-		
									-	-	-			-	-	-		
6	Hokkaido Prefecture	Rivers	Tokachi River	Nantai Bridge	Obihiro City	2015/10/19	Sunny	Loamy	Ac-228	34	17	0.06	Loamy	Ac-228	27	17	0.06	
									Bi-214	21	11			Bi-214	18	10		
									K-40	450	80			K-40	350	76		
									Pb-212	30	6.4			Pb-212	25	6.6		
									Pb-214	18	9.0			Pb-214	15	8.2		
									Ra-226	79	72			TL-208	18	11		
									TL-208	24	13			-	-	-		
									Bi-214	17	9.3			Bi-214	9.6	9.1		
									K-40	420	89			Cs-137	5.9	3.7		
									Pb-212	24	6.7			K-40	380	80		
7	Hokkaido Prefecture	Rivers	Sarugawa River	Sarugawa Bridge (Tomigawa)	Hidaka Town	2015/10/20	Cloudy	Loamy	Pb-214	17	7.6	0.05	Loamy	Pb-212	18	6.7	0.05	
									-	-	-			Pb-214	15	7.3		
									-	-	-			TL-208	18	12		
									-	-	-			-	-	-		
									-	-	-			-	-	-		
8	Hokkaido Prefecture	Rivers	Matsukura River	Mitsumori-bashi Bridge (Before the confluence with Torasawa River)	Hakodate City	2015/10/21	Sunny	Loamy	K-40	300	85	0.04	Sandy	Bi-214	11	8.7	0.04	
									Pb-212	13	6.8			K-40	310	80		
									Pb-214	9.5	8.7			Pb-212	18	6.0		
									TL-208	18	11			Pb-214	11	7.3		
									-	-	-			TL-208	13	9.8		
9	Hokkaido Prefecture	Rivers	Shiribeshi-toshibetsu River	Intake at the Kitahiyama simple water plant in Kitahiyama Town	Setana Town	2015/10/21	Sunny	Sandy	Ac-228	27	19	0.05	Loamy	Ac-228	23	18	0.04	
									Bi-214	19	9.8			K-40	430	91		
									K-40	640	68			Pb-212	33	7.1		
									Pb-212	29	6.5			Pb-214	19	9.2		
									Pb-214	20	7.6			Ra-226	110	69		
									TL-208	23	12			TL-208	25	14		
									-	-	-			-	-	-		

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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	2015/10/22	Sunny	Loamy	K-40	260	85	0.03	Loamy	Ac-228	38	19	0.04	
									Pb-212	16	6.8			Bi-214	15	13		
									Pb-214	9.8	8.9			K-40	410	84		
									Tl-208	15	12			Pb-212	39	6.9		
									-	-	-			Pb-214	22	9.7		
									-	-	-			Th-234	59	59		
11	Iwate Prefecture	Mabechi River	Shiriuchi Bridge	Hachinohe City	2015/10/20	Sunny	Sandy	K-40	220	88	0.04	Sandy	Bi-214	20	9.9	0.03		
								Pb-212	11	7.1			K-40	230	110			
								Pb-214	15	8.0			Pb-212	18	8.3			
								Tl-208	14	13			Pb-214	15	9.3			
								-	-	-			Tl-208	20	14			
								-	-	-			Cs-137	9.6	4.6			
12	Iwate Prefecture	Mabechi River	Fugane Bridge	Ninohe City	2015/10/19	Sunny	Sandy	K-40	260	70	0.04	Loamy	K-40	250	130	0.04		
								Pb-212	14	5.6			Pb-212	26	10			
								Pb-214	8.7	7.1			Cs-134	14	5.9			
								Tl-208	12	11			Cs-137	68	5.9			
								Cs-137	5.4	3.4			-	-	-			
								-	-	-			-	-	-			
13	Iwate Prefecture	Heigawa River	Miyako Bridge	Miyako City	2015/10/16	Sunny	(No sampling conducted)	-	-	-	0.06	(No sampling conducted)	-	-	-	0.06	Unable to collect samples on both riverbanks due to being concrete-covered.	
14	Miyagi Prefecture	Kitakami River	Chitose Bridge	Ichinoseki City	2015/10/15	Sunny	Loamy	Ac-228	20	16	0.07	Loamy	K-40	390	93	0.06		
								K-40	390	81			Pb-212	27	11			
								Pb-212	18	8.9			Pb-214	23	16			
								Pb-214	20	12			Tl-208	29	19			
								Cs-134	58	5.5			Cs-134	110	7.3			
								Cs-137	260	6.3			Cs-137	460	7.5			
15	Miyagi Prefecture	Abukuma River	Iwanuma (Abukuma Bridge)	Iwanuma City	2015/10/13	Sunny	Sandy	K-40	430	84	0.06	Loamy	K-40	510	91	0.10		
								Pb-212	20	9.2			Pb-212	31	9.1			
								Tl-208	25	15			Pb-214	18	13			
								Cs-134	74	5.5			Tl-208	20	18			
								Cs-137	320	6.1			Cs-134	70	6.1			
								-	-	-			Cs-137	300	6.4			
16	Akita Prefecture	Natori River	Yuriage-ohashi Bridge	Natori City	2015/10/14	Sunny	Loamy	Ac-228	25	20	0.04	Sandy	K-40	390	63	0.06		
								Bi-214	19	13			Pb-212	13	6.5			
								K-40	350	90			Pb-214	10	7.9			
								Pb-212	24	8.0			Cs-134	25	4.8			
								Pb-214	20	12			Cs-137	120	4.7			
								Tl-208	20	15			-	-	-			
Cs-134	23	5.1	-	-	-													
Cs-137	100	5.9	-	-	-													
17	Akita Prefecture	Yoneshiro River	Noshiro Bridge	Noshiro City	2015/10/23	Sunny	Loamy	Bi-214	22	12	0.05	(No sampling conducted)	-	-	-	0.04		
								K-40	540	96			-	-	-			
								Pb-212	37	8.2			-	-	-			
								Pb-214	27	10			-	-	-			
								Ra-226	99	89			-	-	-			
								Tl-208	25	14			-	-	-			
Cs-137	8.9	5.1	-	-	-													

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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	2015/10/26	Sunny	Loamy	Ac-228	29	19	0.05	Loamy	Bi-214	17	12	0.04	
									Bi-214	17	13			K-40	510	100		
									K-40	440	93			Pb-212	26	8.6		
									Pb-212	24	7.7			Pb-214	24	11		
									Pb-214	22	10			Tl-208	18	17		
									Tl-208	19	14			-	-	-		
									Cs-137	20	5.1			-	-	-		
19	Yamagata Prefecture	Rivers	Mogami River	Ryou Bridge	Sakata City	2015/10/28	Sunny	Loamy	K-40	430	95	0.04	Loamy	Bi-214	13	12	0.04	
									Pb-212	23	7.4			K-40	520	100		
									Pb-214	18	9.4			Pb-212	26	7.8		
									Tl-208	17	13			Pb-214	19	10		
									Cs-137	23	4.9			Tl-208	18	15		
									Bi-214	18	11			Bi-214	21	10		
									K-40	570	100			K-40	510	92		
20	Yamagata Prefecture	Rivers	Akagawa River	Shinkawa Bridge	Sakata City	2015/10/29	Cloudy	Loamy	Pb-212	29	7.9	0.08	Loamy	Pb-212	31	7.6	0.07	
									Pb-214	22	8.8			Pb-214	17	9.2		
									Ra-226	110	79			Tl-208	14	14		
									Tl-208	25	15			Cs-137	6.3	4.4		
									-	-	-			Ac-228	24	20		
									-	-	-			K-40	380	94		
									-	-	-			Pb-212	25	11		
21	Fukushima Prefecture	Rivers	Agano River	Shingo Dam	Kitakata City	2015/10/22	Sunny	(No sampling conducted)	-	-	-	0.07	Loamy	Pb-214	26	14	0.08	
									-	-	-			Th-234	93	73		
									-	-	-			Tl-208	23	20		
									-	-	-			Cs-134	90	7.7		
									-	-	-			Cs-137	410	7.0		
									-	-	-			Bi-214	19	16		
									-	-	-			K-40	530	91		
22	Fukushima Prefecture	Rivers	Abukuma River	Taisho Bridge (Fushiguro)	Date City	2015/10/20	Sunny	Sandy	K-40	550	95	0.22	Sandy	Bi-214	19	16	0.28	
									Pb-212	29	18			K-40	530	91		
									Tl-208	41	32			Pb-212	31	11		
									Cs-134	610	12			Tl-208	27	22		
									Cs-137	2600	11			Cs-134	150	6.9		
									-	-	-			Cs-137	670	6.4		
									-	-	-			Ac-228	45	20		
23	Fukushima Prefecture	Rivers	Kujigawa River	Takachihara Bridge	Yamatsuri Town	2015/10/21	Sunny	Loamy	Ac-228	34	24	0.09	Loamy	Bi-214	27	17	0.09	
									Bi-214	22	19			K-40	720	84		
									K-40	550	99			K-40	720	84		
									Pb-212	60	11			Pb-212	65	10		
									Pb-214	19	16			Pb-214	37	14		
									Tl-208	42	22			Ra-226	110	100		
									Cs-134	98	8.7			Tl-208	49	23		
									Cs-137	450	7.5			Cs-134	77	6.7		
									-	-	-			Cs-137	350	6.5		
									-	-	-			-	-	-		
									-	-	-			-	-	-		
24	Ibaraki Prefecture	Lake	Lake Kasumigaura	Center	Miho Village	2015/10/27	Sunny	Sandy	Bi-214	14	8.2	0.10	-	-	-	-	-	
									K-40	420	61							
									Pb-212	22	6.1							
									Pb-214	14	8.9							
									Tl-208	20	11							
									Cs-134	44	3.5							
									Cs-137	190	4.1							
25	Ibaraki Prefecture	Rivers	Kokai River	Fumimaki Bridge	Toride City	2015/10/23	Cloudy	Loamy	Bi-214	17	11	0.08	Loamy	Ac-228	20	16	0.08	
									K-40	480	79			Bi-214	23	11		
									Pb-212	27	7.5			K-40	580	90		
									Pb-214	19	10			Pb-212	38	7.8		
									Tl-208	21	14			Pb-214	25	9.5		
									Cs-134	27	5.2			Tl-208	32	13		
									Cs-137	110	4.8			Cs-137	25	5.0		

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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)
26	Tochigi Prefecture	Rivers	Nakagawa River	Shinnaka Bridge	Nakagawa Town	2015/10/14	Sunny	Sandy	Ac-228	32	16	0.08	Sandy	Ac-228	31	12	0.06	
									K-40	390	68			Bi-214	15	9.5		
27	Tochigi Prefecture	Rivers	Kinugawa River	Kinugawa Bridge (Hoshakuji Temple)	Utsunomiya City	2015/10/15	Sunny	Sandy	Pb-212	27	10	0.07	Clay	K-40	360	57	0.08	
									Pb-214	18	14			Pb-212	29	5.8		
28	Gunma Prefecture	Rivers	Tonegawa River	Toneozeki Weir	Chiyoda Town/ Gyoda City (Saitama Prefecture)	2015/10/13	Sunny	Loamy	TL-208	32	18	0.05	Loamy	Pb-214	15	8.8	0.09	
									Cs-134	110	6.3			TL-208	16	11		
29	Gunma Prefecture	Rivers	Watarase River	Watarase-ohashi Bridge	Tatebayashi City	2015/10/13	Sunny	Loamy	Cs-137	480	6.0	0.05	Loamy	Cs-134	18	4.1	0.07	
									-	-	-			Cs-137	82	4.0		
30	Saitama Prefecture	Rivers	Arakawa River	Kugebashi Bridge	Kumagaya City	2015/10/14	Sunny	Loamy	Ac-228	13	13	0.07	Loamy	Bi-214	24	12	0.07	
									Bi-214	23	7.2			Ac-228	19	17		
31	Saitama Prefecture	Rivers	Arakawa River	Akigase Intake Weir	Saitama City/Shiki City	2015/10/13	Sunny	Loamy	K-40	600	61	0.07	Loamy	Bi-214	460	94	0.07	
									Pb-212	38	6.1			Pb-212	34	9.6		
32	Saitama Prefecture	Rivers	Edogawa River	Nagareyama Bridge	Nagareyama City (Chiba Prefecture) /Misato City	2015/10/15	Sunny	Loamy	Pb-214	21	6.8	0.06	Loamy	Pb-214	22	12	0.11	
									TL-208	27	9.6			TL-208	33	16		
									-	-	-							

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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)
33	Chiba Prefecture	Rivers	Tonegawa River	Kakozeki Weir	Tonosho Town	2015/11/5	Sunny	Loamy	Bi-214	13	12	0.07	Loamy	Ac-228	21	15	0.05	
									K-40	400	75			Bi-214	14	9.2		
									Pb-212	27	8.2			K-40	460	74		
									Pb-214	18	10			Pb-212	28	5.7		
									Cs-134	45	5.0			Pb-214	17	8.2		
									Cs-137	190	5.3			Tl-208	24	12		
									-	-	-			Cs-134	8.0	3.8		
-	-	-	Cs-137	27	4.8													
34	Chiba Prefecture	Rivers	Ichinomiya River	Nakano Bridge	Ichinomiya Town	2015/12/8	Cloudy	Sandy	Bi-214	10	9.4	0.05	Loamy	Bi-214	10	10	0.05	
									K-40	450	76			K-40	390	82		
									Pb-212	21	6.5			Pb-212	22	6.7		
									Pb-214	13	8.2			Pb-214	21	8.4		
									Th-234	50	46			Cs-134	14	4.2		
									Tl-208	17	13			Cs-137	57	3.5		
									Cs-134	8.2	3.7			-	-	-		
Cs-137	29	3.8	-	-	-													
35	Lake	Lake Inbanuma	Lower area of water purification plant intake	Sakura City	2015/11/6	Sunny	Loamy	K-40	280	130	0.08	-	-	-	-	-		
								Pb-212	28	14		-	-	-				
								Cs-134	230	9.4		-	-	-				
								Cs-137	980	9.1		-	-	-				
36	Tokyo Metropolis	Rivers	Edogawa River	Shinkatsushika Bridge	Katsushika City	2015/10/16	Cloudy	Loamy	Ac-228	41	13	0.11	Loamy	Ac-228	28	18	0.11	
									Bi-214	34	11			K-40	360	70		
									K-40	340	68			Pb-212	20	12		
									Pb-212	31	8.5			Cs-134	210	8.1		
									Pb-214	41	11			Cs-137	890	6.3		
									Tl-208	28	16			-	-	-		
									Cs-134	56	5.6			-	-	-		
									Cs-137	240	5.7			-	-	-		
									Ac-228	44	19			-	-	-		
									Bi-214	16	12			-	-	-		
37	Tokyo Metropolis	Rivers	Tamagawa River	Hajjima raw water supply point	Akishima City	2015/10/20	Sunny	Loamy	Ac-228	44	19	0.07	Sandy	Ac-228	24	14	0.07	
									Bi-214	16	12			Bi-214	25	8.5		
									K-40	690	71			K-40	550	57		
									Pb-212	44	7.5			Pb-212	36	5.9		
									Pb-214	31	8.3			Pb-214	22	6.9		
									Tl-208	36	15			Tl-208	30	9.4		
									Cs-134	13	4.9			Cs-137	6.4	3.5		
									Cs-137	72	5.7			-	-	-		
38	Kanagawa Prefecture	Rivers	Sumida River	Ryogoku Bridge	Chuo City /Sumida City	2015/10/16	Cloudy	(No sampling conducted)	-	-	-	0.07	(No sampling conducted)	-	-	-	0.06	Unable to collect samples on both riverbanks due to being concrete-covered.
									-	-	-			-	-			
39	Kanagawa Prefecture	Rivers	Arakawa River	Kasai Bridge	Koto City /Edogawa City	2015/10/19	Sunny	Sandy	K-40	390	76	0.09	Loamy	Ac-228	35	18	0.08	
									Pb-212	22	9.4			K-40	410	88		
									Pb-214	14	14			Pb-212	32	10		
									Tl-208	20	19			Pb-214	21	16		
									Cs-134	68	6.8			Tl-208	21	20		
									Cs-137	310	5.9			Cs-134	120	7.4		
-	-	-	Cs-137	480	7.8													
40	Kanagawa Prefecture	Rivers	Tsurumi River	Rinko Tsurumigawa Bridge	Yokohama City	2015/10/29	Sunny	(No sampling conducted)	-	-	-	0.05	(No sampling conducted)	-	-	-	0.06	Unable to collect samples on both riverbanks due to being concrete-covered.

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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)
41	Kanagawa Prefecture	Rivers	Sagami River	Banyu Bridge	Hiratsuka City	2015/10/30	Cloudy	Sandy	Bi-214	29	9.9	0.04	Loamy	K-40	270	72	0.05	
									K-40	320	75			Pb-212	13	6.1		
Pb-212	19		6.7	Pb-214	19	7.2												
Pb-214	38		8.2	Cs-134	5.3	3.5												
Tl-208	20		11	Cs-137	31	4.1												
Cs-134	10		3.9	-	-	-												
Cs-137	35		4.4	-	-	-												
K-40	160		73	-	-	-												
Cs-134	4.9		3.9	-	-	-												
Cs-137	22		4.6	-	-	-												
42	Kanagawa Prefecture	Sakawa River	Sakawa Bridge	Odawara City	2015/10/28	Sunny	Loamy	K-40	160	73	0.02	Loamy	K-40	190	69	0.03		
								Cs-134	4.9	3.9			Pb-214	8.4	6.9			
Cs-137	22	4.6	Cs-134	7.9	3.4													
-	-	-	Cs-137	28	4.1													
43	Niigata Prefecture	Rivers	Shinano River	Heisei-ohashi Bridge	Niigata City	2015/10/16	Sunny	Sandy	Bi-214	25	8.8	0.06	Loamy	Ac-228	47	25	0.06	
									K-40	710	80			Bi-214	21	17		
Pb-212	29		7.1	K-40	400	110												
Pb-214	23		8.5	Pb-212	38	10												
Tl-208	23		13	Pb-214	21	13												
Cs-137	8.2		4.4	Tl-208	21	19												
-	-		-	Cs-137	31	5.6												
Ac-228	38		17	-	-	-												
Bi-214	28		9.3	-	-	-												
K-40	470		78	-	-	-												
Pb-212	41	7.1	-	-	-													
Pb-214	26	8.4	-	-	-													
Ra-226	88	61	-	-	-													
Tl-208	25	14	-	-	-													
Cs-137	4.7	4.3	-	-	-													
-	-	-	-	-	-													
Ac-228	25	18	-	-	-													
K-40	430	84	-	-	-													
Pb-212	26	7.6	-	-	-													
Pb-214	17	9.8	-	-	-													
Tl-208	28	14	-	-	-													
Cs-134	10	4.9	-	-	-													
Cs-137	38	6.2	-	-	-													
-	-	-	-	-	-													
Ac-228	32	16	-	-	-													
Bi-214	18	11	-	-	-													
K-40	330	90	-	-	-													
Pb-212	27	7.6	-	-	-													
Pb-214	28	9.5	-	-	-													
Tl-208	23	14	-	-	-													
Cs-137	14	4.8	-	-	-													
K-40	250	73	-	-	-													
Pb-214	8.3	7.3	-	-	-													
Cs-137	11	4.9	-	-	-													
Ac-228	19	18	-	-	-													
Bi-214	26	13	-	-	-													
K-40	640	97	-	-	-													
Pb-212	44	8.1	-	-	-													
Pb-214	25	10	-	-	-													
Tl-208	35	14	-	-	-													
Cs-134	6.5	4.9	-	-	-													
Cs-137	35	5.3	-	-	-													

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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)
59	Shizuoka Prefecture	Rivers	Tenryu River	Kaketsuka Bridge	Iwata City /Hamamatsu City	2015/10/22	Sunny	Loamy	Ac-228	17	12	0.07	Loamy	Ac-228	16	14	0.06	
									Bi-214	20	8.7			Bi-214	21	9.3		
									K-40	590	70			K-40	540	81		
									Pb-212	38	6.0			Pb-212	33	6.8		
									Pb-214	26	8.0			Pb-214	14	8.8		
									Tl-208	16	12			Tl-208	27	13		
									Cs-134	4.5	3.6			Cs-137	13	4.6		
									Cs-137	25	3.7			-	-	-		
45	Toyama Prefecture	Rivers	Jinzu River	Hagiura Bridge	Toyama City	2015/10/26	Cloudy	Sandy	Ac-228	41	14	0.08	Sandy	Ac-228	34	18	0.08	
									Bi-214	24	8.7			Bi-214	22	10		
									K-40	700	80			K-40	620	88		
									Pb-212	42	6.6			Pb-212	38	7.7		
									Pb-214	24	8.0			Pb-214	28	9.6		
									Tl-208	37	12			Tl-208	29	15		
									-	-	-			-	-	-		
									-	-	-			-	-	-		
46	Isihkawa Prefecture	Rivers	Saigawa River	Okuwa Bridge	Kanazawa City	2015/10/28	Cloudy	Sandy	Ac-228	16	11	0.06	Sandy	Ac-228	32	17	0.07	
									Bi-214	16	11			Bi-214	24	9.4		
									K-40	580	86			K-40	600	79		
									Pb-212	38	7.1			Pb-212	41	6.7		
									Pb-214	30	8.1			Pb-214	24	8.6		
									Tl-208	33	13			Tl-208	28	12		
									-	-	-			-	-	-		
									-	-	-			-	-	-		
47	Isihkawa Prefecture	Rivers	Tedoru River	Hakusangoguchi Dike	Hakusan City	2015/11/30	Sunny	Loamy	Ac-228	37	17	0.08	Loamy	Ac-228	32	22	0.08	
									Bi-214	27	9.5			Bi-214	31	11		
									K-40	780	77			K-40	770	90		
									Pb-212	48	6.6			Pb-212	51	7.5		
									Pb-214	23	8.1			Pb-214	31	9.5		
									Tl-208	34	12			Ra-226	110	75		
									-	-	-			Tl-208	35	14		
									-	-	-			Cs-137	22	5.2		
48	Fukui Prefecture	Rivers	Kuzuryu River	Fuseda Bridge	Fukui City	2015/10/30	Cloudy	Loamy	Ac-228	40	19	0.07	Loamy	Ac-228	55	16	0.06	
									Bi-212	69	66			Bi-212	55	53		
									Bi-214	20	9.9			Bi-214	17	11		
									K-40	660	72			K-40	660	64		
									Pb-212	43	6.4			Pb-212	50	6.0		
									Pb-214	32	8.5			Pb-214	27	8.5		
									Th-234	88	55			Th-234	74	54		
									Tl-208	39	12			Tl-208	46	11		
Cs-137	7.5	4.9	Cs-137	4.7	4.3													
49	Fukui Prefecture	Rivers	Kitagawa River	Takatsuka Bridge	Obama City	2015/11/2	Cloudy	Loamy	Ac-228	51	18	0.07	Loamy	Ac-228	50	20	0.07	
									Bi-214	29	9.1			Bi-214	26	9.9		
									K-40	670	72			K-40	660	76		
									Pb-212	61	6.4			Pb-212	44	7.1		
									Pb-214	30	8.8			Pb-214	32	8.4		
									Th-234	74	57			Tl-208	41	13		
									Tl-208	40	13			Cs-137	5.6	5.1		
									-	-	-			-	-	-		
52	Nagano Prefecture	Rivers	Shinano River	Ozeki Bridge	Iiyama City	2015/11/6	Sunny	Loamy	Ac-228	41	21	0.07	Loamy	Ac-228	32	19	0.08	
									Bi-214	32	13			K-40	570	70		
									K-40	530	87			Pb-212	33	7.6		
									Pb-212	48	8.8			Pb-214	23	9.8		
									Pb-214	40	12			Tl-208	40	13		
									Tl-208	32	18			Cs-134	22	5.0		
									Cs-134	38	5.6			Cs-137	97	5.4		
									Cs-137	180	5.8			-	-	-		

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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)
53	Nagano Prefecture	Rivers	Saigawa River	Koichi Bridge	Nagano City	2015/11/5	Sunny	Sandy	Ac-228	30	18	0.07	Sandy	Ac-228	37	17	0.09	
									Bi-214	19	11			Bi-214	16	11		
									K-40	620	85			K-40	700	78		
									Pb-212	38	7.5			Pb-212	41	7.6		
									Pb-214	21	9.5			Pb-214	25	9.4		
									Tl-208	32	13			Tl-208	32	13		
									Cs-134	12	4.4			Cs-134	17	4.1		
Cs-137	49	5.4	Cs-137	71	4.4													
54	Nagano Prefecture	Rivers	Tenryu River	Tsutsuji Bridge	Iida City	2015/11/4	Sunny	Loamy	Ac-228	49	19	0.09	Loamy	Ac-228	82	18	0.09	
									Bi-212	87	61			Bi-212	78	75		
									Bi-214	35	9.6			Bi-214	24	11		
									K-40	610	78			K-40	430	88		
									Pb-212	57	7.5			Pb-212	84	8.5		
									Pb-214	36	8.7			Pb-214	27	11		
									Tl-208	57	13			Th-234	110	73		
-	-	-	Tl-208	60	15													
55	Gifu Prefecture	Rivers	Kisogawa River	Tokai-ohashi Bridge (Naruto)	Kaizu City	2015/10/23	Sunny	Sandy	Ac-228	33	16	0.08	Loamy	Ac-228	82	22	0.08	
									Bi-212	80	57			Bi-212	98	85		
									Bi-214	20	8.9			Bi-214	36	13		
									K-40	840	63			K-40	860	96		
									Pb-212	40	6.2			Pb-212	84	9.4		
									Pb-214	25	7.6			Pb-214	52	12		
									Tl-208	36	11			Th-234	85	78		
-	-	-	Tl-208	70	19													
56	Gifu Prefecture	Rivers	Nagara River	Tokai-ohashi Bridge	Kaizu City	2015/10/23	Sunny	Loamy	Ac-228	64	19	0.08	Loamy	Ac-228	40	23	0.05	
									Bi-214	35	12			Bi-214	19	13		
									K-40	800	95			K-40	510	110		
									Pb-212	57	8.8			Pb-212	39	9.4		
									Pb-214	38	10			Pb-214	20	11		
									Tl-208	44	16			Tl-208	24	16		
									Cs-137	8.9	5.0			-	-	-		
60	Aichi Prefecture	Rivers	Shonai River	Mizuwake Bridge	Nagoya City	2015/11/2	Cloudy	Loamy	Ac-228	52	20	0.07	Loamy	Ac-228	39	18	0.07	
									Bi-214	35	10			Bi-214	22	11		
									K-40	680	82			K-40	710	68		
									Pb-212	60	7.0			Pb-212	48	6.5		
									Pb-214	40	8.9			Pb-214	29	8.5		
									Th-234	110	58			Tl-208	30	14		
									Tl-208	57	14			-	-	-		
61	Aichi Prefecture	Rivers	Yahagi River	Iwazutenjin Bridge	Okazaki City/Toyota City	2015/10/30	Cloudy	Loamy	Ac-228	38	21	0.08	Loamy	Ac-228	28	21	0.07	
									Bi-214	12	11			Bi-212	58	55		
									K-40	690	84			Bi-214	20	11		
									Pb-212	46	7.3			K-40	720	81		
									Pb-214	20	10			Pb-212	41	7.6		
									Tl-208	50	15			Pb-214	11	9.7		
									-	-	-			Tl-208	39	13		
62	Aichi Prefecture	Rivers	Toyogawa River	Eshima Bridge	Toyokawa City	2015/10/29	Sunny	Sandy	Ac-228	34	15	0.06	Loamy	Ac-228	46	18	0.06	
									Bi-214	12	9.0			Bi-214	22	11		
									K-40	460	69			K-40	500	94		
									Pb-212	29	6.4			Pb-212	37	8.1		
									Pb-214	17	7.3			Pb-214	23	10		
									Tl-208	18	12			Tl-208	30	15		
									Cs-137	5.6	3.3			Cs-137	9.6	5.3		

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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)
63	Mie Prefecture	Rivers	Suzuka River	Ogura Bridge	Yokkaichi City	2015/10/15	Sunny	Loamy	Ac-228	44	18	0.08	Loamy	Ac-228	47	20	0.08	
									Bi-214	31	8.2			Bi-214	34	12		
									K-40	840	72			K-40	760	76		
									Pb-212	56	6.2			Pb-212	70	7.4		
									Pb-214	32	7.5			Pb-214	35	8.3		
									Tl-208	46	11			Ra-226	85	74		
-	-	-	Th-234	91	60													
-	-	-	Tl-208	55	14													
64		Rivers	Miyakawa River	Watarai Bridge	Ise City	2015/10/16	Sunny	Loamy	Ac-228	43	18	0.05	Loamy	Ac-228	45	18	0.06	
									Bi-214	25	8.6			Bi-214	34	10		
									K-40	510	74			K-40	850	76		
									Pb-212	40	6.8			Pb-212	49	6.9		
									Pb-214	21	8.2			Pb-214	32	8.2		
									Tl-208	35	12			Tl-208	39	12		
Ac-228	42	22	Ac-228	120	18													
Bi-214	29	11	Bi-212	120	65													
K-40	630	94	Bi-214	52	10													
Pb-212	50	7.7	K-40	1300	73													
Pb-214	30	9.8	Pb-212	130	8.2													
Tl-208	39	15	Pb-214	55	9.1													
Cs-137	8.6	5.2	Ra-226	150	91													
-	-	-	Tl-208	110	13													
-	-	-																
66		Lake	Lake Biwako	Karasakioki-Chuo	-	2015/10/14	Sunny	Sandy	Ac-228	25	13	0.07	(No sampling conducted)	-	-	-	-	
									Bi-214	11	7.4							
									K-40	900	60							
									Pb-212	27	5.4							
									Pb-214	17	6.9							
									Tl-208	23	9.4							
Ac-228	23	13	Ac-228	32	18													
Bi-214	16	9.8	Bi-214	18	10													
K-40	540	62	K-40	580	78													
Pb-212	33	6.0	Pb-212	34	6.5													
Pb-214	22	7.3	Pb-214	25	7.8													
Tl-208	22	12	Tl-208	27	12													
-	-	-	Cs-137	4.7	4.6													
Ac-228	50	19	Ac-228	30	16													
Bi-214	29	11	Bi-214	13	8.8													
K-40	730	94	K-40	690	57													
Pb-212	63	7.8	Pb-212	35	5.7													
Pb-214	26	10	Pb-214	19	7.5													
Tl-208	50	14	Tl-208	25	9.7													
Ac-228	85	19	Ac-228	91	19													
Bi-212	88	75	Bi-212	110	62													
Bi-214	44	10	Bi-214	51	10													
K-40	940	60	K-40	1200	75													
Pb-212	100	7.3	Pb-212	99	7.5													
Pb-214	50	9.2	Pb-214	52	8.6													
Tl-208	84	13	Ra-226	110	85													
-	-	-	Tl-208	86	13													
Ac-228	44	17	Ac-228	36	22													
Bi-214	28	8.3	Bi-214	27	9.6													
K-40	700	80	K-40	780	94													
Pb-212	37	7.2	Pb-212	61	7.8													
Pb-214	27	8.1	Pb-214	40	9.4													
Tl-208	32	11	Tl-208	44	12													

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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)
71	Osaka Prefecture		Ishikawa River	Takahashi	Tondabayashi City	2015/10/26	Sunny	Loany	Ac-228	53	16	0.08	Loany	Ac-228	33	18	0.07	
									Bi-214	19	9.8			Bi-214	27	9.4		
									K-40	690	84			K-40	680	75		
									Pb-212	50	7.1			Pb-212	34	7.3		
									Pb-214	24	8.7			Pb-214	20	9.4		
TI-208	36	13	TI-208	37	14													
72			Kakogawa River	Kakogawa Bridge	Kakogawa City	2015/10/20	Sunny	Loany	Ac-228	39	19	0.09	Sandy	Ac-228	28	17	0.07	
									Bi-214	25	11			Bi-214	22	9.1		
									K-40	660	85			K-40	690	77		
									Pb-212	49	7.1			Pb-212	40	6.7		
									Pb-214	32	8.9			Pb-214	28	7.8		
TI-208	37	14	TI-208	31	11													
73	Hyogo Prefecture		Mukogawa River	Hyakkenbi	Takarazuka City	2015/10/21	Sunny	Loany	Ac-228	66	18	0.11	Loany	Ac-228	86	20	0.12	
									Bi-212	69	67			Bi-212	95	72		
									Bi-214	49	12			Bi-214	39	11		
									K-40	930	63			K-40	940	67		
									Pb-212	81	7.3			Pb-212	86	7.6		
Pb-214	57	8.3	Pb-214	47	10													
Ra-226	120	77	TI-208	84	15													
TI-208	65	14	-	-	-													
74		Rivers	Maruyama River	kaminogo Bridge	Toyooka City	2015/10/19	Sunny	Sandy	Ac-228	93	18	0.09	Loany	Bi-214	22	10	0.05	
									Bi-212	83	67			K-40	690	73		
									Bi-214	43	10			Pb-212	45	6.3		
									K-40	760	63			Pb-214	25	8.9		
									Pb-212	100	7.4			TI-208	34	12		
Pb-214	57	8.5	-	-	-													
Ra-226	94	77	-	-	-													
TI-208	86	13	-	-	-													
75	Nara Prefecture		Yamato River	Fujii	Oji Town	2015/10/20	Sunny	Loany	Ac-228	36	21	0.05	Loany	Ac-228	31	20	0.06	
									Bi-214	25	9.5			Bi-214	19	12		
									K-40	540	86			K-40	590	93		
									Pb-212	42	7.1			Pb-212	34	7.7		
									Pb-214	25	9.5			Pb-214	25	9.6		
TI-208	34	13	TI-208	35	13													
76			Kinokawa River	Okura Bridge	Gojo City	2015/10/19	Sunny	Loany	Ac-228	31	17	0.06	Loany	Ac-228	38	17	0.05	
									Bi-214	31	10			Bi-214	18	10		
									K-40	650	83			K-40	710	81		
									Pb-212	40	7.4			Pb-212	41	6.8		
									Pb-214	28	9.0			Pb-214	23	8.1		
TI-208	38	13	TI-208	39	13													
77	Wakayama Prefecture		Kinokawa River	Shinrokkaizeki Weir	Wakayama City	2015/10/14	Sunny	Loany	Ac-228	34	13	0.06	Loany	Ac-228	35	18	0.05	
									Bi-214	16	9.3			Bi-214	20	9.7		
									K-40	580	70			K-40	510	72		
									Pb-212	36	6.4			Pb-212	43	6.0		
									Pb-214	22	7.9			Pb-214	24	7.9		
TI-208	27	12	TI-208	35	11													
78			Kumano River	Kumano-ohashi Bridge	Shingu City	2015/10/15	Sunny	(No sampling conducted)	-	-	-	0.07	(No sampling conducted)	-	-	-	0.08	Unable to collect samples on both riverbanks due to no soil riverbed.

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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)
79	Tottori Prefecture	Rivers	Sendai River	Gyotoku	Tottori City	2015/10/20	Sunny	Loany	Ac-228	48	18	0.08	Loany	Ac-228	53	23	0.09	
									Bi-214	23	11			Bi-214	27	12		
									K-40	780	75			K-40	820	83		
									Pb-212	52	7.5			Pb-212	63	7.3		
									Pb-214	33	9.0			Pb-214	33	9.4		
									Tl-208	45	12			Tl-208	56	15		
80	Shimane Prefecture	Rivers	Hiikawa River	Kandatsu Bridge	Izumo City	2015/10/22	Cloudy	Loany	Ac-228	38	16	0.06	Loany	Ac-228	29	17	0.08	
									Bi-214	16	9.3			Bi-214	26	8.6		
									K-40	750	81			K-40	760	73		
									Pb-212	30	7.0			Pb-212	37	6.6		
									Pb-214	18	8.6			Pb-214	28	8.1		
									Tl-208	24	12			Tl-208	26	11		
81	Shimane Prefecture	Rivers	Gonokawa River	Sakurae-ohashi Bridge	Gotsu City	2015/10/23	Sunny	Sandy	Ac-228	31	22	0.09	Loany	Ac-228	42	16	0.07	
									Bi-214	24	11			Bi-214	18	11		
									K-40	720	73			K-40	640	69		
									Pb-212	45	8.0			Pb-212	42	6.3		
									Pb-214	36	9.3			Pb-214	24	8.6		
									Tl-208	42	13			Tl-208	42	11		
82	Okayama Prefecture	Rivers	Asahi River	Otoite Weir	Okayama City	2015/10/19	Sunny	Loany	Ac-228	46	16	0.09	Loany	Ac-228	50	20	0.07	
									Bi-214	17	10			Bi-214	14	11		
									K-40	920	61			K-40	910	73		
									Pb-212	43	6.3			Pb-212	59	6.5		
									Pb-214	28	8.1			Pb-214	27	8.8		
									Tl-208	32	12			Tl-208	45	13		
83	Okayama Prefecture	Rivers	Takahashi River	Kasumi Bridge	Kurashiki City	2015/10/16	Sunny	Loany	Ac-228	59	19	0.09	Loany	Ac-228	43	15	0.07	
									Bi-214	30	11			Bi-214	22	9.1		
									K-40	860	74			K-40	750	75		
									Pb-212	68	7.4			Pb-212	51	6.9		
									Pb-214	36	9.7			Pb-214	29	8.2		
									Tl-208	56	14			Tl-208	40	12		
84	Hiroshima Prefecture	Rivers	Ota River	Water purification plant intake in Hesaka	Hiroshima City	2015/10/15	Sunny	Loany	Ac-228	58	19	0.09	Loany	Ac-228	56	16	0.09	
									Bi-214	38	11			Bi-214	27	8.7		
									K-40	960	81			K-40	960	74		
									Pb-212	65	7.5			Pb-212	52	7.1		
									Pb-214	34	10			Pb-214	36	7.8		
									Tl-208	47	15			Tl-208	61	12		
85	Hiroshima Prefecture	Rivers	Ashida River	Kominomi Bridge	Fukuyama City	2015/10/14	Sunny	Loany	Ac-228	40	23	0.07	Loany	Ac-228	60	19	0.08	
									Bi-214	20	12			Bi-214	33	9.5		
									K-40	750	78			K-40	800	81		
									Pb-212	58	7.7			Pb-212	54	7.4		
									Pb-214	26	11			Pb-214	30	9.3		
									Tl-208	40	15			Th-234	63	57		
86	Yamaguchi Prefecture	Rivers	Nishiki River	Water purification plant intake for the city	Iwakuni City	2015/10/27	Rain	Loany	Ac-228	52	18	0.10	Loany	Ac-228	120	19	0.11	
									Bi-214	31	11			Bi-212	130	66		
									K-40	710	86			Bi-214	49	11		
									Pb-212	55	7.9			K-40	980	79		
									Pb-214	45	8.5			Pb-212	150	8.4		
									Tl-208	51	13			Pb-214	65	9.4		
-	-	-	Ra-226	110	86													
-	-	-	Tl-208	120	14													

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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)
87	Yamaguchi Prefecture	Rivers	Kotogawa River	Suenobu Bridge	Ube City	2015/10/26	Sunny	Loany	Ac-228	90	21	0.10	Loany	Ac-228	52	21	0.10	
									Bi-214	96	71			Bi-214	47	10		
									Bi-214	55	12			K-40	750	71		
									K-40	1000	88			Pb-212	64	7.4		
									Pb-212	88	8.9			Pb-214	49	8.6		
									Pb-214	61	10			Tl-208	60	12		
									Ra-226	130	100			-	-	-		
									Th-234	110	67			-	-	-		
									Tl-208	82	16			-	-	-		
									-	-	-			-	-	-		
88	Tokushima Prefecture	Rivers	Yoshino River	Takase Bridge	Ishii Town	2015/11/7	Rain	Loany	Ac-228	33	18	0.06	Loany	Ac-228	43	17	0.07	
									Bi-214	15	9.7			Bi-214	25	11		
									K-40	660	88			K-40	750	88		
									Pb-212	39	7.9			Pb-212	43	7.1		
									Pb-214	29	8.1			Pb-214	23	9.1		
									Tl-208	32	14			Tl-208	36	13		
									Ac-228	41	16			Ac-228	39	17		
									Bi-214	18	10			Bi-214	21	9.7		
									K-40	660	68			K-40	620	67		
									Pb-212	40	6.5			Pb-212	35	6.0		
89	Kagawa Prefecture	Rivers	Nakagawa River	Nakagawa Bridge	Anan City	2015/11/6	Cloudy	Loany	Pb-214	29	8.4	0.06	Sandy	Pb-214	24	8.6	0.07	
									Tl-208	29	12			Tl-208	25	13		
									Ac-228	49	19			Ac-228	60	19		
									Bi-214	16	9.9			Bi-214	22	11		
									K-40	820	70			K-40	800	96		
									Pb-212	41	6.6			Pb-212	60	7.8		
									Pb-214	18	8.1			Pb-214	27	9.4		
									Tl-208	33	14			Tl-208	55	13		
									Ac-228	59	19			Ac-228	36	17		
									Bi-214	23	12			Bi-214	17	10		
90	Ehime Prefecture	Rivers	Shigenobu River	Deai Bridge	Matsuyama City	2015/10/28	Sunny	Loany	K-40	820	73	0.09	Loany	K-40	710	65	0.08	
									Pb-212	60	6.8			Pb-212	32	6.5		
									Pb-214	27	8.7			Pb-214	18	8.4		
									Tl-208	51	12			Tl-208	28	11		
									Ac-228	45	20			Ac-228	56	25		
									K-40	440	90			Bi-214	24	13		
									Pb-212	45	7.2			K-40	580	94		
									Pb-214	16	9.7			Pb-212	67	8.0		
									Tl-208	35	14			Pb-214	30	11		
									-	-	-			Tl-208	39	19		
91	Kochi Prefecture	Rivers	Hijikawa River	Hijikawa Bridge	Ozu City	2015/10/29	Sunny	Loany	Ac-228	53	17	0.03	Loany	Ac-228	43	16	0.07	
									Bi-214	31	11			Bi-214	21	9.3		
									K-40	460	84			K-40	510	77		
									Pb-212	60	7.2			Pb-212	53	6.6		
									Pb-214	38	9.3			Pb-214	34	8.1		
									Tl-208	43	13			Tl-208	42	11		
									Ac-228	28	21			Ac-228	28	22		
									Bi-214	17	13			Bi-214	15	14		
									K-40	560	100			K-40	520	110		
									Pb-212	32	9.2			Pb-212	33	8.4		
92	Kochi Prefecture	Rivers	Kagami River	Kachuzeki Weir	Kochi City	2015/11/5	Sunny	Loany	Pb-214	27	11	0.04	Loany	Pb-214	19	11	0.04	
									Tl-208	43	13			Tl-208	42	11		
									Ac-228	28	21			Ac-228	28	22		
									Bi-214	17	13			Bi-214	15	14		
									K-40	560	100			K-40	520	110		
									Pb-212	32	9.2			Pb-212	33	8.4		
									Pb-214	27	11			Pb-214	19	11		
									Tl-208	24	17			Tl-208	22	17		
									-	-	-			-	-	-		
									-	-	-			-	-	-		

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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 (μSv/h)	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)
95	Fukuoka Prefecture	Rivers	Onga River	Hinode Bridge	Nogata City	2015/10/13	Sunny	Loany	Ac-228	30	19	0.06	Loany	Ac-228	41	20	0.06	
									Bi-214	23	11			Bi-214	25	12		
									K-40	540	96			K-40	620	94		
									Pb-212	55	8.1			Pb-212	44	8.1		
									Pb-214	28	10			Pb-214	31	9.6		
									Tl-208	37	15			Tl-208	56	14		
96	Fukuoka Prefecture	Rivers	Nakagawa River	Shiobara Bridge	Fukuoka City	2015/10/14	Sunny	Sandy	Ac-228	61	20	0.08	Sandy	Ac-228	80	18	0.08	
									Bi-212	84	70			Bi-212	100	69		
									Bi-214	11	9.8			Bi-214	17	12		
									K-40	840	68			K-40	750	75		
									Pb-212	78	7.1			Pb-212	88	7.1		
									Pb-214	28	7.9			Pb-214	23	9.3		
97	Fukuoka Prefecture	Rivers	Chikugo River	Senoshita	Kurume City	2015/10/15	Sunny	Sandy	Ac-228	26	15	0.06	Loany	Ac-228	25	18	0.06	
									Bi-214	20	8.9			Bi-214	16	11		
									K-40	760	74			K-40	540	94		
									Pb-212	36	6.1			Pb-212	37	7.1		
									Pb-214	25	7.5			Pb-214	23	9.2		
									Tl-208	35	9.7			Tl-208	30	13		
98	Saga Prefecture	Rivers	Kasegawa River	Kasebashi Bridge	Saga City	2015/10/16	Sunny	Loany	Ac-228	29	16	0.05	Loany	Ac-228	45	18	0.06	
									Bi-214	24	9.3			Bi-214	24	10		
									K-40	640	72			K-40	510	83		
									Pb-212	40	6.8			Pb-212	45	7.2		
									Pb-214	25	7.2			Pb-214	27	9.3		
									Tl-208	34	12			Tl-208	36	12		
99	Nagasaki Prefecture	Rivers	Honmyogawa River	In front of Tenma Park	Isahaya City	2015/10/19	Sunny	Loany	Ac-228	32	19	0.06	Loany	Ac-228	43	20	0.06	
									Bi-214	21	9.6			Bi-214	13	12		
									K-40	420	75			K-40	350	81		
									Pb-212	41	6.6			Pb-212	41	7.1		
									Pb-214	21	9.5			Pb-214	21	8.7		
									Tl-208	40	12			Tl-208	35	13		
100	Nagasaki Prefecture	Rivers	Urakami River	Ohashizeki Weir	Nagasaki City	2015/10/20	Sunny	Sandy	Ac-228	22	17	0.05	Sandy	Ac-228	19	14	0.06	
									Bi-214	13	9.5			Bi-214	12	8.0		
									K-40	460	67			K-40	430	61		
									Pb-212	25	5.9			Pb-212	22	5.6		
									Pb-214	15	7.3			Pb-214	10	6.9		
									Tl-208	21	11			Tl-208	12	11		
101	Kumamoto Prefecture	Rivers	Kikuchi River	Shiroishi	Nagomi Town	2015/10/21	Sunny	Sandy	Ac-228	39	18	0.07	Loany	Ac-228	43	19	0.06	
									Bi-214	23	9.6			Bi-214	22	8.9		
									K-40	870	68			K-40	780	75		
									Pb-212	62	6.4			Pb-212	31	6.4		
									Pb-214	28	8.4			Pb-214	19	9.1		
									Tl-208	53	12			Tl-208	27	12		
102	Kumamoto Prefecture	Rivers	Midori River	Uesugizeki Weir	Kumamoto City	2015/10/22	Sunny	Loany	Ac-228	23	17	0.05	Loany	Ac-228	27	19	0.05	
									Bi-214	12	10			Bi-214	32	10		
									K-40	490	81			K-40	530	100		
									Pb-212	35	6.9			Pb-212	37	7.5		
									Pb-214	24	8.6			Pb-214	26	9.5		
									Tl-208	28	11			Tl-208	32	14		

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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)
103	Oita Prefecture		Oita River	Funai-obashi Bridge	Oita City	2015/11/2	Cloudy	Loamy	Bi-214	14	12	0.05	Loamy	Ac-228	33	23	0.06	
									K-40	430	100			Bi-214	24	12		K-40
104			Ono River	Shirataki Bridge	Oita City	2015/10/31	Sunny	Sandy	Pb-212	25	8.3	0.07	Loamy	Pb-212	37	8.3	0.06	
									Pb-214	19	9.6			Pb-214	30	10		Tl-208
105	Miyazaki Prefecture		Gokase River	Miwa	Nobeoka City	2015/10/30	Cloudy	Loamy	-	-	-	0.08	Sandy	Cs-137	5.7	5.3	0.07	
									Ac-228	54	18			Ac-228	30	17		Bi-214
106			Oyodo River	Shinaioi Bridge	Miyazaki City	2015/10/28	Sunny	Loamy	Bi-214	31	10	0.06	Loamy	Pb-212	33	6.0	0.07	
									K-40	680	65			Pb-214	17	8.6		Tl-208
107	Kagoshima Prefecture		Kotsuki River	Iwasaki Bridge	Kagoshima City	2015/10/26	Sunny	Sandy	Pb-212	46	7.0	0.07	(No sampling conducted)	-	-	-	0.07	
									Pb-214	28	8.9			-	-	-		
108			Kimotsuki River	Matase Bridge	Kanoya City	2015/10/27	Sunny	Loamy	Ra-226	81	74	0.06	Loamy	Ac-228	34	21	0.06	
									Tl-208	41	13			Bi-214	27	10		K-40
109	Okinawa Prefecture		Genka River	Water intake	Nago City	2015/11/6	Cloudy	Loamy	Ac-228	38	20	0.05	Sandy	Pb-212	51	8.1	0.05	
									Bi-214	21	11			Pb-214	26	9.8		Tl-208
110			Miyara River	Omoto water intake	Ishigaki City	2015/11/7	Rain	Loamy	-	-	-	0.06	Loamy	Cs-137	6.6	5.6	0.05	
									Ac-228	47	26			Ac-228	38	16		Bi-214

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Results of Measurement of Groundwater(Water)

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		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	Kitasanjonishi, Chuo Ward	Sapporo City	70	Deep well	2015/10/14	>100	31.5	<1	<1	K-40	0.11	0.036	0.10	0.027	0.05	
2		Kitaoyafuru	Ishikari City	30	Shallow well	2015/10/22	>100	46.9	64	170	K-40	0.11	0.058	0.16	0.030	0.05	
3	Aomori Prefecture	Shimmachi	Aomori City	600	unknown	2015/10/21	>100	19.2	<1	<1	K-40	0.058	0.041	ND	0.028	0.06	
4		Minnuyamasukawa	Sotogahama Town	unknown	unknown	2015/10/22	>100	10.0	<1	<1	K-40	0.023	0.021	0.027	0.024	0.05	
5	Iwate Prefecture	Motomiya	Morioka City	unknown	Shallow well	2015/10/16	>100	26.4	<1	<1	Pb-214	0.0015	0.0015				ND
6		Osaicho	Kuji City	20	Shallow well	2015/10/20	>100	14.4	<1	<1	K-40	0.089	0.041	0.038	0.026	0.07	
7	Miyagi Prefecture	Honcho,Aoba Ward	Sendai City	250	Deep well	2015/10/13	>100	42.1	<1	<1	K-40	0.11	0.046	0.063	0.030	0.07	
8		Furukawaosaki	Osaki City	150	unknown	2015/10/14	>100	9.5	<1	<1	-	-	-	0.026	0.025	0.06	
9	Akita Prefecture	Niyajji	Daisen City	20~25	Shallow well	2015/10/27	>100	18.3	<1	<1	K-40	0.042	0.039	0.028	0.026	0.04	
10		Showaokubo	Katagami City	12~15	Shallow well	2015/10/26	>100	24.6	<1	<1	K-40	0.088	0.021	0.074	0.027	0.04	
11	Yamagata Prefecture	Hatagomichi	Yamagata City	150	Deep well	2015/10/28	>100	20.4	<1	<1	Pb-214	0.0029	0.0016				0.048
12		Takarada	Tsunoaka City	195	Deep well	2015/10/29	>100	34.7	<1	1	K-40	0.044	0.032	0.028	0.027	0.08	
13	Fukushima Prefecture	Asahi	Koriyama City	60	unknown	2015/10/20	56	22.5	11	20	Pb-214	0.0040	0.0024	0.077	0.028	0.39	
14		Itaniwa	Hanawa Town	33	Deep well	2015/10/21	>100	27.0	<1	<1	K-40	0.11	0.035	0.089	0.026	0.08	
15	Ibaraki Prefecture	Kenyugakuen	Tsukuba City	120	Deep well	2015/10/23	>100	13.9	<1	<1	K-40	0.14	0.030	0.099	0.026	0.07	
16		Komahane	Koga City	10	Deep well	2015/10/26	>100	32.1	11	69	K-40	0.064	0.032	0.040	0.029	0.06	
17		Sakatemachi	Joso City	unknown	Deep well	2015/10/26	>100	25.8	2	4	K-40	0.26	0.032	0.26	0.025	0.06	
18	Tochigi Prefecture	Machida	Shimotsuke City	130	Deep well	2015/10/15	>100	31.2	<1	<1	K-40	0.051	0.032	0.049	0.027	0.06	
19		Omataminanicho	Ashikaga City	40	Deep well	2015/10/13	>100	16.2	<1	<1	K-40	0.033	0.023	0.023	0.027	0.07	
20		Yatsuki	Haga Town	unknown	Shallow well	2015/10/14	>100	16.5	<1	<1	K-40	0.049	0.023	0.063	0.024	0.06	
21	Ganma Prefecture	Shikishimicho	Maebashi City	120	Deep well	2015/10/14	>100	28.4	<1	<1	K-40	0.091	0.030	0.079	0.027	0.05	
22		Shiromichi	Tatebayashi City	180	Deep well	2015/10/14	>100	18.6	<1	<1	K-40	0.075	0.032	0.077	0.026	0.05	
23		Tajino	Tomizoka City	10.11	Shallow well	2015/10/15	>100	46.7	<1	<1	K-40	0.11	0.028	0.10	0.029	0.06	

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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		Transparency (cm)	Electrical conductivity (µS/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	Mikura,Minuma Ward	Saitama City	300	Deep well	2015/10/13	>100	15.8	<1	<1	K-40	0.077	0.027	0.065	0.025	0.07	
25		Higashihongo	Kawaguchi City	217	Deep well	2015/10/15	>100	38.6	<1	<1	K-40	0.083	0.031	0.078	0.027	0.06	
26		Yoshihira	Kuki City	280	Deep well	2015/10/14	>100	24.4	<1	<1	K-40	0.14	0.030	0.084	0.028	0.08	
27	Chiba Prefecture	Funato	Kashiwa City	150	unknown	2015/11/4	>100	20.5	<1	<1	K-40	0.081	0.039	0.060	0.025	0.15	
28		Sawarai	Katori City	35	Shallow well	2015/11/4	>100	62.3	<1	<1	K-40	0.49	0.052	0.41	0.030	0.08	
29		Ro	Asahi City	28	unknown	2015/11/2	>100	30.6	<1	<1	K-40	0.28	0.031	0.24	0.027	0.08	
30	Tokyo Metropolis	Kajinocho	Koganei City	80	unknown	2015/10/19	>100	19	1	1	K-40	0.034	0.023	ND	0.027	0.04	
31		Yatocho	Nishitokyo City	56	unknown	2015/10/20	>100	26.8	<1	<1	K-40	0.029	0.028	0.032	0.025	0.06	
32	Kanagawa Prefecture	Inaizumi	Hadano City	22.7	Deep well	2015/10/29	>100	21.9	<1	<1	-	-	-	ND	0.027	0.03	
33		Renshoji	Odawara City	80	Deep well	2015/10/28	>100	21.1	<1	<1	-	-	-	0.036	0.025	0.03	
34	Niigata Prefecture	Nagata,Chuo Ward	Niigata City	6	Shallow well	2015/10/20	>100	57.8	<1	3	K-40	0.30	0.031	0.24	0.030	0.07	
35		Miya	Minamiaonuma City	60	unknown	2015/10/19	>100	7.3	2	4	K-40	0.054	0.027	0.032	0.026	0.08	
36		Minatocho	Joetsu City	7	unknown	2015/10/19	86	57.3	57	140	Ac-228 K-40	0.0062 0.15	0.0051 0.040	0.11	0.029	0.05	
43	Yamanashi Prefecture	Saijyoshinden	Showa Town	85	Deep well	2015/10/21	>100	17.6	<1	<1	K-40	0.070	0.033	0.046	0.026	0.06	
44		Akenochoasao	Hokuto City	200	Deep well	2015/10/22	>100	5.6	<1	<1	K-40	0.057	0.036	0.026	0.026	0.06	
51	Shizuoka Prefecture	Hara	Numazu City	unknown	Deep well	2015/10/20	>100	9.3	<1	<1	K-40	0.028	0.025	ND	0.024	0.05	
52		Kunikubo	Fuji City	46	Deep well	2015/10/19	>100	17.5	<1	<1	K-40	0.083	0.028	0.052	0.027	0.04	
53		Kaniide	Fujinomiya City	unknown	Deep well	2015/10/19	>100	5.7	<1	<1	Bi-214 Pb-214	0.0078 0.0080	0.0039 0.0036	ND	0.024	0.04	
37	Toyama Prefecture	Funahashikitamuchi	Toyama City	unknown	unknown	2015/10/27	>100	23.3	<1	2	K-40	0.060	0.023	0.062	0.027	0.09	
38		Shinjuku	Uozu City	unknown	Deep well	2015/10/26	>100	12.5	<1	<1	-	-	-	ND	0.026	0.10	
39	Ishikawa Prefecture	Kuramitsu	Hakusan City	120	Deep well	2015/10/28	>100	30.1	<1	<1	K-40	0.031	0.023	0.047	0.026	0.08	
40		Hamataka,Tsumuginachi	Nanao City	50	unknown	2015/11/9	>100	48.0	<1	<1	K-40	0.23	0.026	0.21	0.029	0.07	

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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		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)		
41	Fukui Prefecture	Ote	Fukui City	unknown	Deep well	2015/10/30	>100	25.0	<1	<1	K-40	0.032	0.025	ND	0.028	0.11	
42		Sakaichotako	Sakai City	unknown	Deep well	2015/11/2	>100	32.2	<1	<1	K-40	0.061	0.023	0.027	0.025	0.09	
45	Nagano Prefecture	Tsurugamidoricho	Nagano City	110	Deep well	2015/11/6	>100	43.4	<1	<1	K-40	0.13	0.031	0.12	0.029	0.06	
46		Kurakake	Tomi City	133	Deep well	2015/11/5	>100	22.9	<1	<1	K-40	0.098	0.031	0.056	0.025	0.04	
47		Fukushima	Kiso Town	30	Deep well	2015/11/4	>100	13.6	<1	<1	K-40	0.032	0.025	0.072	0.026	0.10	
48	Gifu Prefecture	Kanoshinzucho	Gifu City	20.18	Shallow well	2015/10/26	>100	11.9	<1	<1	K-40	0.080	0.027	0.058	0.026	0.07	
49		Maebatacho	Tajimi City	9.9	Shallow well	2015/10/27	>100	41.3	4	8	K-40	0.13	0.028	0.16	0.026	0.09	
50		Kamino	Ibigawa Town	30	Deep well	2015/10/26	>100	9.5	<1	<1	-	-	-	ND	0.025	0.08	
54	Aichi Prefecture	Kawaharatori,Showa Ward	Nagoya City	unknown	Deep well	2015/10/28	>100	7.4	<1	1	K-40	0.17	0.027	0.14	0.027	0.09	
										Pb-214	0.0040	0.0028					
55		Nakajimachonakaueno	Okazaki City	unknown	Deep well	2015/10/30	55	26.5	29	36	K-40	0.26	0.046	0.20	0.026	0.08	
56	Nakaishikichokitayama	Tsushima City	unknown	Deep well	2015/10/27	>100	20.2	<1	<1	K-40	0.041	0.033	0.032	0.026	0.10		
57	Mie Prefecture	Inouchi	Suzuka City	unknown	Deep well	2015/11/2	>100	14.6	4	9	K-40	0.096	0.052	0.087	0.027	0.07	
58		Taikoujicho	Kaneyama City	8.0	Shallow well	2015/10/14	>100	14.7	<1	<1	K-40	0.075	0.016	0.10	0.024	0.08	
59		Shiroyama	Tsu City	195.6	Deep well	2015/10/14	>100	20.0	<1	<1	-	-	-	ND	0.027	0.07	
60	Shiga Prefecture	Miyakecho	Moriyama City	25~30	Deep well	2015/10/15	>100	24.7	<1	<1	K-40	0.045	0.025	0.032	0.027	0.08	
61		Goryoucho	Otsu City	unknown	unknown	2015/10/16	61	11.4	1	6	K-40	0.035	0.025	0.025	0.024	0.08	Groundwater after chlorine treatment
62		Shigarakichonagano	Koka City	5.1	Shallow well	2015/10/14	>100	16.5	70	77	Ac-228	0.0053	0.0049	0.23	0.030	0.11	
										K-40	0.11	0.024					
										Pb-212	0.0030	0.0019					
										Pb-214	0.0026	0.0025					
63	Kyoto Prefecture	Kanihonnnojimaecho, Nakagyo Ward	Kyoto City	30.0	Deep well	2015/10/29	>100	13.7	<1	<1	Bi-214	0.0034	0.0025	0.031	0.026	0.08	Groundwater after chlorine treatment
										K-40	0.055	0.016					
										Pb-214	0.0035	0.0022					
64	Yawatashinade	Yawata City	29.2	Shallow well	2015/10/26	>100	11.9	5	12	Bi-214	0.0047	0.0028	0.089	0.024	0.07		
										K-40	0.10	0.017					
										Pb-214	0.0066	0.0023					
65	Osaka Prefecture	Duisennakamachi, Sakai Ward	Sakai City	197.5	Deep well	2015/10/23	100	38.3	6	3	K-40	0.42	0.030	0.35	0.028	0.07	
66		Banda	Takatsuki City	100	Deep well	2015/10/28	>100	56.6	<1	2	Bi-214	0.0044	0.0043	0.19	0.030	0.08	
										Pb-214	0.0059	0.0036					

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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		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)		
67	Hyogo Prefecture	Kuchisakai	Itami City	28.9	Shallow well	2015/10/21	>100	33.2	14	55	Bi-214	0.0042	0.0038	0.12	0.026	0.09	
K-40											0.13	0.022					
Pb-214											0.0054	0.0031					
68	Hyogo Prefecture	Saiwaicho	Toyooka City	43.8	Deep well	2015/10/19	>100	54.5	1	3	K-40	0.42	0.026	0.37	0.029	0.07	
Pb-214											0.0054	0.0031					
K-40											0.067	0.045					
69	Hyogo Prefecture	Kakogawachojkemchi	Kakogawa City	100	Deep well	2015/10/20	>100	19.9	<1	<1	K-40	0.067	0.045	0.046	0.028	0.08	
Pb-214											0.0054	0.0031					
K-40											0.067	0.045					
70	Nara Prefecture	Sakyo	Nara City	150	Deep well	2015/10/21	>100	19.7	1	3	Bi-214	0.0062	0.0048	0.072	0.025	0.06	
K-40											0.12	0.048					
Pb-214											0.0060	0.0043					
71	Nara Prefecture	Honjocho	Yamatokoriyama City	180	unknown	2015/10/20	45	23.2	14	44	K-40	0.12	0.037	0.077	0.028	0.06	
Pb-214											0.0059	0.0039					
K-40											0.067	0.045					
72	Wakayama Prefecture	Takano	Kinokawa City	9.5	unknown	2015/10/14	>100	18.7	<1	<1	K-40	0.045	0.025	0.025	0.025	0.04	
Pb-214											0.0059	0.0039					
K-40											0.067	0.045					
73	Wakayama Prefecture	Taira	Shirahama Town	30.0	Deep well	2015/10/15	>100	11.7	<1	<1	K-40	0.044	0.027	ND	0.025	0.06	
Pb-214											0.0059	0.0039					
K-40											0.067	0.045					
74	Tottori Prefecture	Saiwaicho	Tottori City	24.0	Deep well	2015/10/20	>100	67.6	<1	<1	K-40	0.16	0.031	0.14	0.031	0.08	
Pb-214											0.0059	0.0039					
K-40											0.067	0.045					
75	Tottori Prefecture	Kuzamo	Yonago City	30.0	unknown	2015/11/16	>100	36.0	<1	1	K-40	0.27	0.040	0.22	0.025	0.08	
Pb-214											0.0059	0.0039					
K-40											0.067	0.045					
76	Shimane Prefecture	Nishikawatsucho	Matsue City	100	Deep well	2015/10/21	>100	71.6	<1	<1	K-40	0.11	0.038	0.11	0.030	0.07	
Pb-214											0.0059	0.0039					
K-40											0.067	0.045					
77	Shimane Prefecture	Himebara	Izumo City	30.0	unknown	2015/10/22	100	152	<1	11	Ac-228	0.038	0.0097	0.31	0.040	0.06	
Bi-212											0.032	0.026					
Bi-214											0.022	0.0056					
K-40											0.27	0.052					
Pb-214											0.026	0.0051					
78	Okayama Prefecture	Fukui	Kurashiki City	13.1	Shallow well	2015/10/16	>100	65.2	<1	<1	K-40	0.16	0.037	0.18	0.028	0.08	
Pb-214											0.0059	0.0039					
K-40											0.067	0.045					
79	Okayama Prefecture	Sakane	Bizen City	12.9	Shallow well	2015/10/19	>100	14.4	<1	<1	K-40	0.063	0.021	0.056	0.026	0.09	
Pb-214											0.0059	0.0039					
K-40											0.067	0.045					
80	Hiroshima Prefecture	Kamienochi, Aki Ward	Hiroshima City	30	Deep well	2015/10/15	>100	6.6	<1	<1	-	-	-	0.076	0.027	0.11	
Pb-214											0.0059	0.0039					
K-40											0.067	0.045					
81	Hiroshima Prefecture	Ashidachofukuda	Fukuyama City	17	Deep well	2015/10/14	>100	11.9	<1	<1	K-40	0.083	0.028	0.068	0.024	0.08	
Pb-214											0.0059	0.0039					
K-40											0.067	0.045					
82	Yamaguchi Prefecture	Ouchimohori	Yamaguchi City	20	unknown	2015/10/26	>100	13.4	<1	<1	K-40	0.058	0.021	0.054	0.025	0.12	
Pb-214											0.0023	0.0021					
K-40											0.078	0.044					
83	Yamaguchi Prefecture	Kokuga	Hofu City	30.0	Deep well	2015/10/27	>100	25.7	5	39	Bi-214	0.0040	0.0037	0.087	0.028	0.10	
Pb-214											0.0040	0.0037					
K-40											0.039	0.022					
84	Tokushima Prefecture	Fudohoncho	Tokushima City	25.7	Deep well	2015/11/7	>100	15.4	<1	<1	K-40	0.039	0.022	ND	0.024	0.08	
Pb-214											0.0040	0.0037					
K-40											0.039	0.022					
85	Tokushima Prefecture	Tauracho	Komatsushim City	32~33	Deep well	2015/11/6	>100	11.0	<1	<1	-	-	-	ND	0.025	0.06	
Pb-214											0.0040	0.0037					
K-40											0.039	0.022					
86	Kagawa Prefecture	Bancho	Takamatsu City	6	Shallow well	2015/11/2	>100	39.5	<1	<1	K-40	0.17	0.043	0.14	0.028	0.08	
Pb-214											0.0035	0.0034					
K-40											0.17	0.043					
87	Kagawa Prefecture	Dokichohigashi	Manugame City	50.0	Deep well	2015/11/2	>100	29.4	4	6	K-40	0.20	0.029	0.13	0.027	0.07	
Pb-214											0.0035	0.0034					
K-40											0.20	0.029					

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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		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	Hiramachi	Matsuyama City	50.0	Deep well	2015/10/28	>100	41.7	6	9	K-40	0.058	0.022	0.035	0.026	0.10	
89		Tanokubo	Toon City	unknown	Shallow well	2015/10/30	>100	22.7	<1	<1	K-40	0.067	0.030	0.036	0.026	0.10	
90		Takooda	Tobe Town	3~4	Shallow well	2015/10/29	>100	16.5	<1	<1	K-40	0.070	0.028	0.059	0.026	0.11	
91	Kochi Prefecture	Kerako	Kochi City	unknown	Shallow well	2015/11/4	>100	14.3	<1	<1	K-40	0.046	0.022	ND	0.026	0.04	
92		Hataeda	Nankoku City	13.0	Deep well	2015/11/5	>100	14.3	<1	<1	K-40	0.024	0.020	0.037	0.024	0.05	
93	Fukuoka Prefecture	Tanushimurumachiakinari	Kurume City	30	Shallow well	2015/10/14	>100	25.1	<1	<1	K-40	0.15	0.031	0.12	0.027	0.05	
94		Ueki	Naogata City	29.1	Deep well	2015/10/13	>100	125	1	7	K-40	0.54	0.043	0.42	0.062	0.06	
95	Saga Prefecture	Yamatohoniji	Saga City	100	Deep well	2015/10/15	>100	16.7	<1	<1	-	-	-	0.028	0.028	0.05	
96		Tara	Tara Town	86	Deep well	2015/10/16	>100	9.7	<1	<1	K-40	0.097	0.029	0.072	0.024	0.07	
97	Nagasaki Prefecture	Eidamachi	Isahaya City	132	Deep well	2015/10/19	>100	22.8	<1	<1	K-40	0.14	0.043	0.12	0.027	0.06	
98		Morizonomachi	Omura City	148	Deep well	2015/10/20	>100	66.4	<1	<1	K-40	0.15	0.050	0.16	0.029	0.08	
99	Kumamoto Prefecture	Suizenji, Chuo Ward	Kumamoto City	55.5	Deep well	2015/10/22	>100	23.8	<1	<1	K-40	0.16	0.045	0.11	0.028	0.05	
100		Masunaga	Arao City	70	Deep well	2015/10/21	>100	32.5	<1	<1	K-40	0.059	0.050	0.077	0.026	0.06	
101		Kojo	Minamata City	11	Shallow well	2015/10/23	>100	14.3	<1	<1	K-40	0.074	0.025	0.044	0.026	0.09	
102	Oita Prefecture	Kamioka	Saiki City	35	Deep well	2015/10/30	>100	14.3	<1	<1	K-40	0.052	0.028	0.041	0.026	0.06	
103		Suehiro	Usuki City	10	Shallow well	2015/11/2	>100	14.3	<1	<1	K-40	0.053	0.029	0.029	0.027	0.05	
104	Miyazaki Prefecture	Minamiyokoichicho	Miyakonojo City	130	Deep well	2015/10/29	>100	12.5	<1	<1	-	-	-	ND	0.025	0.06	
105		Minaminishikata	Kobayashi City	unknown	unknown	2015/10/29	>100	19.1	<1	<1	K-40	0.12	0.029	0.070	0.027	0.07	
106		Okadomi	Saito City	unknown	Shallow well	2015/10/28	>100	17.3	<1	<1	K-40	0.043	0.025	0.050	0.026	0.07	
107	Kagoshima Prefecture	Tamazatocho	Kagoshima City	70	Deep well	2015/10/26	>100	22.3	<1	<1	K-40	0.15	0.038	0.13	0.028	0.07	
108		Sueyoshichominaminogo	Soo City	100	Deep well	2015/10/27	>100	16.6	<1	<1	K-40	0.13	0.048	0.13	0.025	0.06	
109	Okinawa Prefecture	Hirahigashinakasonezoe	Miyakojima City	unknown	unknown	2015/11/5	>100	70.0	<1	<1	K-40	0.037	0.024	0.050	0.030	0.06	
110		Ohama	Ishigaki City	40	Deep well	2015/11/4	>100	71.5	<1	<1	K-40	0.047	0.029	0.075	0.032	0.04	

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