

Results of Radioactive Material Monitoring of Groundwater (September-October 2013)

Friday, December 6, 2013
Office of Groundwater and Ground Environment,
Soil Environment Division,
Environmental Management Bureau,
Ministry of the Environment
Direct line: 03-5521-8309
Switchboard: 03-3581-3351
Director: Hideo Kimura (ext. 6604)
Deputy Director: Kenji Kamita (ext. 6606)
Coordinators: Kenta Yamadate (ext. 6609)
Yuki Taniyama (ext. 6609)

In accordance with the Comprehensive Radiation Monitoring Plan determined by the Monitoring Coordination Meeting of the national government, the Ministry of the Environment (MOE) is continuing to monitor radioactive materials in groundwater.

The analysis results of the measurement of activity concentrations in groundwater samples collected in Fukushima Prefecture (from September 4 to October 11) are released here.

○ Outline of Results

Measurement of I-131, Cs-134, and Cs-137 was conducted at 205 locations within Fukushima Prefecture. Additionally, measurement of Sr-89 and Sr-90 was also conducted at 24 locations. (Detection limit for all these measurements: 1 Bq/L)

I-131, Cs-134, Cs-137, Sr-89, and Sr-90 were not detectable at any of the locations surveyed (see the Annex for details).

* Specification and Standards for Food, Food Additives, etc. in Accordance with the Food Sanitation Act (Drinking Water) (Ministry of Health, Labour and Welfare Public Notice No.130, March 15, 2012)

Radioactive cesium (total for Cs-134+Cs-137): 10 Bq/kg

* Reference Values for Radioactive Materials in Tap Water (Management Target for Water Supply Facilities) (March 5, 2012; 0305 Notice No.1 from the Director of the Water Supply Division, Health Service Bureau, Ministry of Health, Labour and Welfare)

Radioactive cesium (total for Cs-134+Cs-137): 10 Bq/kg

○ Future Plans

In and around Fukushima Prefecture, MOE intends to continue monitoring activity concentrations in groundwater, in coordination with the prefectural government, municipalities, and other relevant organizations.

No.	District	Sampling Date	Activity concentration (Bq/L)					Remarks
			I-131	Cs		Sr		
				Cs-134	Cs-137	Sr-89	Sr-90	
1	Fukushima City Koshihama Town	9/17	ND	ND	ND	—	—	
2	Fukushima City Watari	9/17	ND	ND	ND	—	—	
3	Fukushima City Watari	9/17	ND	ND	ND	ND	ND	
4	Fukushima City Oguraji	9/17	ND	ND	ND	—	—	
5	Fukushima City Gonome	9/17	ND	ND	ND	—	—	
6	Fukushima City Tazawa	9/20	ND	ND	ND	—	—	
7	Fukushima City Oyama	9/18	ND	ND	ND	—	—	
8	Fukushima City Minamisawamata	9/19	ND	ND	ND	—	—	
9	Fukushima City Onami	9/17	ND	ND	ND	—	—	
10	Fukushima City Onami	9/18	ND	ND	ND	—	—	
11	Fukushima City Okabe	9/18	ND	ND	ND	—	—	
12	Fukushima City Motouchi	9/18	ND	ND	ND	—	—	
13	Fukushima City Senoue Town	9/18	ND	ND	ND	—	—	
14	Fukushima City Minamiyanome	9/18	ND	ND	ND	—	—	
15	Fukushima City Yagita	9/18	ND	ND	ND	—	—	
16	Fukushima City Kaminagura	9/19	ND	ND	ND	—	—	
17	Fukushima City Sasaya	9/19	ND	ND	ND	—	—	
18	Fukushima City Tatsugoyama	9/20	ND	ND	ND	—	—	
19	Fukushima City Iizaka Town	10/11	ND	ND	ND	—	—	
20	Fukushima City Matsukawa Town	9/20	ND	ND	ND	—	—	
21	Fukushima City Matsukawa Towni Sekiya	9/20	ND	ND	ND	—	—	
22	Fukushima City Shimotoriwata	9/19	ND	ND	ND	—	—	
23	Fukushima City Sasakino	9/19	ND	ND	ND	—	—	
24	Fukushima City Kaminodera	9/19	ND	ND	ND	—	—	
25	Fukushima City Inomachi Town Meiji	9/20	ND	ND	ND	—	—	
26	Fukushima City Iino Town Aoki	9/20	ND	ND	ND	—	—	
27	Nihonmatsu City Satsuki Town	9/24	ND	ND	ND	—	—	
28	Nihonmatsu City Shimokawasaki	9/24	ND	ND	ND	—	—	
29	Nihonmatsu City Kamikawasaki	9/24	ND	ND	ND	—	—	
30	Nihonmatsu City Narita	9/24	ND	ND	ND	—	—	
31	Date City Yanagawa Town Yamafunyu	9/27	ND	ND	ND	—	—	
32	Date City Hobara Town Tomizawa	9/26	ND	ND	ND	—	—	
33	Date City Hobara Town Tomizawa	9/26	ND	ND	ND	—	—	
34	Date City Hobara Town Tomizawa	9/26	ND	ND	ND	—	—	
35	Date City Hobara Town Tomizawa	9/26	ND	ND	ND	—	—	
36	Date City Hobara Town Tomizawa	9/26	ND	ND	ND	—	—	
37	Date City Hobara Town Tomizawa	9/26	ND	ND	ND	—	—	
38	Date City Hobara Town Tomizawa	9/26	ND	ND	ND	—	—	
39	Date City Hobara Town Tomizawa	9/26	ND	ND	ND	—	—	
40	Date City Hobara Town Takanarita	9/26	ND	ND	ND	—	—	
41	Date City Ryozen Town Kamioguni	9/27	ND	ND	ND	—	—	
42	Date City Ryozen Town Kamioguni	9/27	ND	ND	ND	—	—	
43	Date City Ryozen Town Ishida	9/27	ND	ND	ND	—	—	
44	Date City Ryozen Town Ishida	9/27	ND	ND	ND	—	—	
45	Date City Ryozen Town Ishida	9/27	ND	ND	ND	—	—	
46	Date City Tsukidate Town Tsukidate	9/25	ND	ND	ND	—	—	
47	Date City Tsukidate Town Tsukidate	9/27	ND	ND	ND	—	—	
48	Date City Tsukidate Town Tsukidate	9/27	ND	ND	ND	—	—	
49	Date City Tsukidate Town Tsukidate	9/25	ND	ND	ND	—	—	
50	Date City Tsukidate Town Nunokawa	9/27	ND	ND	ND	—	—	
51	Soma City Higashitamao	9/25	ND	ND	ND	—	—	

Note) Measurement results are indicated as ND when detected values were below the detection limit of activity concentrations (1 Bq/L).

(Map attached)

No.	District	Sampling Date	Activity concentration (Bq/L)					Remarks
			I-131	Cs		Sr		
				Cs-134	Cs-137	Sr-89	Sr-90	
52	Soma City Tamano	9/25	ND	ND	ND	—	—	
53	Soma City Yamakami	9/25	ND	ND	ND	—	—	
54	Soma City Yamakami	9/25	ND	ND	ND	—	—	
55	Soma City Tomizawa	9/27	ND	ND	ND	—	—	
56	Soma City Shiinoki	9/27	ND	ND	ND	—	—	
57	Soma City Dozuki	9/27	ND	ND	ND	—	—	
58	Shinchi Town Fukuda	9/27	ND	ND	ND	—	—	
59	Shinchi Town Yachigoya	9/27	ND	ND	ND	—	—	
60	Shinchi Town Mayumi	9/27	ND	ND	ND	—	—	
61	Motomiya City Niita	9/24	ND	ND	ND	—	—	
62	Kori Town Kitahanda	9/27	ND	ND	ND	—	—	
63	Kuni Town Fujita	9/27	ND	ND	ND	—	—	
64	Kawamata Town Yamakiya	9/25	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
65	Kawamata Town Yamakiya	9/25	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
66	Kawamata Town Kotsunagi	9/25	ND	ND	ND	—	—	
67	Kawamata Town Kotsunagi	9/25	ND	ND	ND	—	—	
68	Kawamata Town Kotsunagi	9/25	ND	ND	ND	—	—	
69	Kawamata Town Kotsunagi	9/25	ND	ND	ND	—	—	
70	Kawamata Town Kotsunagi	9/25	ND	ND	ND	—	—	
71	Otama Village Oyama	9/24	ND	ND	ND	—	—	
72	Tamura City Takine Town Kanmata	9/19	ND	ND	ND	—	—	
73	Tamura City Takine Town Hirose	9/19	ND	ND	ND	—	—	
74	Tamura City Ogoe Town Magino	9/19	ND	ND	ND	—	—	
75	Tamura City Ogoe Town Shimo-ogoe	9/19	ND	ND	ND	—	—	
76	Tamura City Miyakojii Town Iwaizawa	9/17	ND	ND	ND	—	—	
77	Tamura City Miyakojii Town Iwaizawa	9/17	ND	ND	ND	ND	ND	
78	Tamura City Miyakoji Town Furumichi	9/17	ND	ND	ND	ND	ND	Areas being prepared for removal of evacuation orders
79	Tamura City Miyakoji Town Furumichi	9/17	ND	ND	ND	ND	ND	
80	Tamura City Tokiwa Town	9/18	ND	ND	ND	—	—	
81	Tamura City Funehiki Town Okura	9/18	ND	ND	ND	—	—	
82	Tamura City Funehiki Town Nakayama	9/18	ND	ND	ND	ND	ND	
83	Tamura City Funehiki Town Funehiki	9/18	ND	ND	ND	—	—	
84	Koriyama City Nakata Town Nakatsugawa	9/18	ND	ND	ND	—	—	
85	Koriyama City Tamura Town Tamogami	9/18	ND	ND	ND	—	—	
86	Koriyama City Hiwada Town Hiwada	9/18	ND	ND	ND	ND	ND	
87	Koriyama City Nishita Town Oniuta	9/18	ND	ND	ND	ND	ND	
88	Koriyama City Sakuta	9/18	ND	ND	ND	ND	ND	
89	Koriyama City Tamura Town Moriyama	9/18	ND	ND	ND	ND	ND	
90	Koriyama City Atami Town Ishimushiro	9/17	ND	ND	ND	ND	ND	
91	Koriyama City Fukuyama Town Fukuhara	9/18	ND	ND	ND	—	—	
92	Koriyama City Kikuta Town Maetazawa	9/18	ND	ND	ND	—	—	
93	Koriyama City Katahira Town	9/17	ND	ND	ND	—	—	
94	Koriyama City Asaka Town Narita	9/17	ND	ND	ND	—	—	
95	Koriyama-shi Otsuki-machi Nishinomiya	9/17	ND	ND	ND	—	—	
96	Koriyama City Konan Town Hamaji	9/17	ND	ND	ND	ND	ND	
97	Koriyama City Ose Town Tadano	9/17	ND	ND	ND	ND	ND	
98	Koriyama City Mihota Town Shimomoriya	9/17	ND	ND	ND	ND	ND	
99	Koriyama City Konan Town Fukura	9/17	ND	ND	ND	—	—	
100	Sukagawa City Namegawa	9/24	ND	ND	ND	—	—	
101	Sukagawa City Ogura	9/19	ND	ND	ND	—	—	
102	Sukagawa City Tategaoka	9/12	ND	ND	ND	—	—	

Note) Measurement results are indicated as ND when detected values were below the detection limit of activity concentrations (1 Bq/L).

(Map attached)

No.	District	Sampling Date	Activity concentration (Bq/L)					Remarks
			I-131	Cs		Sr		
				Cs-134	Cs-137	Sr-89	Sr-90	
103	Sukagawa City Hokotuski	9/12	ND	ND	ND	—	—	
104	Sukagawa City Konaka	9/12	ND	ND	ND	—	—	
105	Sukagawa City Hatada	9/12	ND	ND	ND	—	—	
106	Kagamiishi Town Suwa Town	9/24	ND	ND	ND	—	—	
107	Kagamiishi Town Okanouchi	9/24	ND	ND	ND	—	—	
108	Tenei Village Itoyo	9/24	ND	ND	ND	—	—	
109	Tenei Village Tarao	9/12	ND	ND	ND	—	—	
110	Ishikawa Town Yanomeda	9/20	ND	ND	ND	—	—	
111	Ishikawa Town Nakada	9/20	ND	ND	ND	—	—	
112	Tamakawa Village Odaka	9/24	ND	ND	ND	—	—	
113	Tamakawa Village Yottsujishinden	9/19	ND	ND	ND	—	—	
114	Hirarta Village Nagata	9/20	ND	ND	ND	—	—	
115	Hirarta Village Tonoko	9/20	ND	ND	ND	—	—	
116	Asakawa Town Shiraiishi	9/24	ND	ND	ND	—	—	
117	Furudono Town Takanuki	9/20	ND	ND	ND	—	—	
118	Furudono Town Yamakami	9/20	ND	ND	ND	—	—	
119	Miharu Town Serigasawa	9/19	ND	ND	ND	—	—	
120	Miharu Town Shimomogi	9/19	ND	ND	ND	—	—	
121	Ono Town Ukigane	9/19	ND	ND	ND	—	—	
122	Ono Town Ononii Town	9/19	ND	ND	ND	—	—	
123	Shirakawa City Aizu Town	9/25	ND	ND	ND	—	—	
124	Shirakawa City Omotegonaimatsu	9/25	ND	ND	ND	—	—	
125	Shirakawa City Higashi-Shimonodejima	9/25	ND	ND	ND	—	—	
126	Shirakawa City Taishinshimokoya	9/25	ND	ND	ND	—	—	
127	Nishigo Village Tsuruyu	9/25	ND	ND	ND	—	—	
128	Izumizaki Village Fumase	9/24	ND	ND	ND	—	—	
129	Nakajima Village Nametsu	9/24	ND	ND	ND	—	—	
130	Yabuki Town Akebono Town	9/24	ND	ND	ND	—	—	
131	Tanagura Town Yamagiwa	9/26	ND	ND	ND	—	—	
132	Yamatsuri Town Houzaka	9/26	ND	ND	ND	—	—	
133	Hanawa Town Kawakami	9/26	ND	ND	ND	—	—	
134	Samegawa Village Akasaka Higashino	9/26	ND	ND	ND	—	—	
135	Aizuwakamatsu City Naka Town	9/18	ND	ND	ND	—	—	
136	Kitakata City Matsuyama Village Oiizaka	9/18	ND	ND	ND	—	—	
137	Kitashiobara Village Sekiya	9/18	ND	ND	ND	—	—	
138	Nishiaizu Town Nozawa	9/17	ND	ND	ND	—	—	
139	Bandai Town Otani	9/18	ND	ND	ND	—	—	
140	Inawashiro Town Yamagata	9/17	ND	ND	ND	—	—	
141	Aizubange Town Tatenoshita	9/19	ND	ND	ND	—	—	
142	Yukawa Village Hamazaki	9/18	ND	ND	ND	—	—	
143	Yanaizu Town Hosohachi	9/17	ND	ND	ND	—	—	
144	Mishima Town Kuwanohara	9/17	ND	ND	ND	—	—	
145	Kaneyama Town Honna	9/19	ND	ND	ND	—	—	
146	Showa Village Shimonakatsukawa	9/17	ND	ND	ND	—	—	
147	Aizumisato Town Takada	9/17	ND	ND	ND	—	—	
148	Tadami Town Sakata	9/19	ND	ND	ND	—	—	
149	Minamiaizu Town Mizuhiki Settlement	9/4	ND	ND	ND	—	—	
150	Shimogo Town Toyonari	9/19	ND	ND	ND	—	—	
151	Minamisoma City Kashima Ward Jisabara	9/25	ND	ND	ND	—	—	
152	Minamisoma City Kashima Ward Kamitochikubo	9/25	ND	ND	ND	—	—	
153	Minamisoma City Haramachi Ward Okido	9/17	ND	ND	ND	—	—	

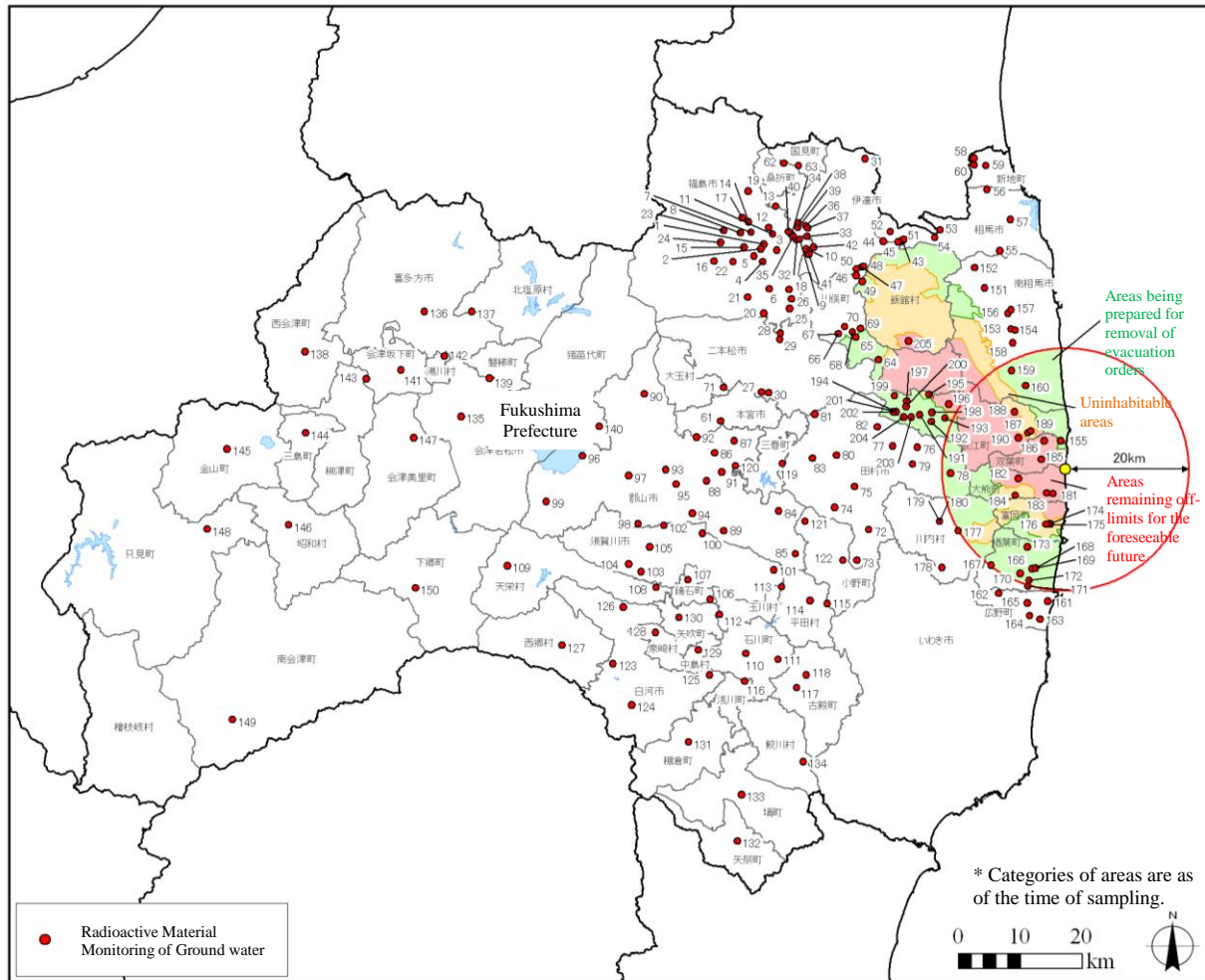
Note) Measurement results are indicated as ND when detected values were below the detection limit of activity concentrations (1 Bq/L).

(Map attached)

No.	District	Sampling Date	Activity concentration (Bq/L)					Remarks
			I-131	Cs		Sr		
				Cs-134	Cs-137	Sr-89	Sr-90	
154	Minamisoma City Haramachi Ward Okido	9/17	ND	ND	ND	—	—	
155	Futaba Town Morotake	9/24	ND	ND	ND	ND	ND	Areas being prepared for removal of evacuation orders
156	Minamisoma City Haramachi Ward Shidazawa	9/17	ND	ND	ND	—	—	
157	Minamisoma City Haramachi Ward Fukono	9/17	ND	ND	ND	—	—	
158	Minamisoma City Haramachi Ward Ota	9/17	ND	ND	ND	—	—	
159	Minamisoma City Odaka Ward Otomi	9/17	ND	ND	ND	ND	ND	Areas being prepared for removal of evacuation orders
160	Minamisoma City Odaka Ward Koyagi	9/17	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
161	Hirono Town Shimokitaba	9/26	ND	ND	ND	—	—	
162	Hirono Town Kamiyasamigawa	9/26	ND	ND	ND	—	—	
163	Hirono Town Oriki	9/26	ND	ND	ND	—	—	
164	Hirono Town Oriki	9/26	ND	ND	ND	—	—	
165	Hirono Town Kamikitaba	9/26	ND	ND	ND	—	—	
166	Naraha Town Oya	9/20	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
167	Naraha Town Oya	9/25	ND	ND	ND	—	—	
168	Naraha Town Kamikobana	9/20	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
169	Naraha Town Kamikobana	9/20	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
170	Naraha Town Kamikobana	9/25	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
171	Naraha Town Yamadaoka	9/25	ND	ND	ND	—	—	
172	Naraha Town Shimokobana	9/25	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
173	Naraha Town Kamishigeoka	9/20	ND	ND	ND	ND	ND	Areas being prepared for removal of evacuation orders
174	Tomioka Town Motooka	9/20	ND	ND	ND	ND	ND	Uninhabitable areas
175	Tomioka Town Motooka	9/20	ND	ND	ND	—	—	Areas remaining off-limits for the foreseeable future
176	Tomioka Town Motooka	9/20	ND	ND	ND	—	—	Uninhabitable areas
177	Kawauchi Village Shimokawauchi	9/24	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
178	Kawauchi Village Shimokawauchi	9/24	ND	ND	ND	—	—	
179	Kawauchi Village Kamikawauchi	9/24	ND	ND	ND	—	—	
180	Kawauchi Village Kamikawauchi	9/24	ND	ND	ND	—	—	
181	Okuma Town Kuma	9/19	ND	ND	ND	ND	ND	Areas remaining off-limits for the foreseeable future
182	Okuma Town Nogami	9/19	ND	ND	ND	—	—	Areas remaining off-limits for the foreseeable future
183	Okuma Town Kuma	9/19	ND	ND	ND	ND	ND	Areas remaining off-limits for the foreseeable future
184	Okuma Town Ogawara	9/19	ND	ND	ND	—	—	Uninhabitable areas
185	Futaba Town Mizusawa	9/17	ND	ND	ND	ND	ND	Areas remaining off-limits for the foreseeable future
186	Futaba Town Shibukawa	9/17	ND	ND	ND	ND	ND	Areas remaining off-limits for the foreseeable future
187	Namie Town Onoda	9/18	ND	ND	ND	—	—	Uninhabitable areas
188	Namie Town Murohara	9/18	ND	ND	ND	—	—	Areas remaining off-limits for the foreseeable future
189	Namie Town Yatsuda	9/18	ND	ND	ND	ND	ND	Uninhabitable areas
190	Namie Town Obori	9/18	ND	ND	ND	ND	ND	Areas remaining off-limits for the foreseeable future
191	Katsurao Village Ochiai	9/25	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
192	Katsurao Village Ochiai	9/25	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
193	Katsurao Village Ochiai	9/25	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
194	Katsurao Village Nogawa	9/25	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
195	Katsurao Village Katsurao	9/25	ND	ND	ND	—	—	Uninhabitable areas
196	Katsurao Village Katsurao	9/25	ND	ND	ND	ND	ND	Areas remaining off-limits for the foreseeable future
197	Katsurao Village Katsurao	9/25	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
198	Katsurao Village Ochiai	9/25	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
199	Katsurao Village Katsurao	9/26	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
200	Katsurao Village Katsurao	9/26	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
201	Katsurao Village Nogawa	9/26	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
202	Katsurao Village Nogawa	9/26	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
203	Katsurao Village Nogawa	9/26	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
204	Katsurao Village Nogawa	9/26	ND	ND	ND	—	—	Areas being prepared for removal of evacuation orders
205	Iitate Village Nagadoro	9/17	ND	ND	ND	—	—	Areas remaining off-limits for the foreseeable future

Note) Measurement results are indicated as ND when detected values were below the detection limit of activity concentrations (1 Bq/L).

(Map attached)



No.	District	No.	District	No.	District	No.	District	No.	District
1	Fukushima City Koshihama Town	42	Date City Ryozen Town Kamioguni	83	Tamura City Funehiki Town Funehiki	124	Shirakawa City Omotegonaimatsu	165	Hirono Town Kamikitaba
2	Fukushima City Watari	43	Date City Ryozen Town Ishida	84	Koriyama City Nakata Town Nakatsugawa	125	Shirakawa City Higashi-Shimonodejima	166	Naraha Town Oya
3	Fukushima City Watari	44	Date City Ryozen Town Ishida	85	Koriyama City Tamura Town Tamogami	126	Shirakawa City Taishinshimokoya	167	Naraha Town Oya
4	Fukushima City Oguraji	45	Date City Ryozen Town Ishida	86	Koriyama City Hiwada Town Hiwada	127	Nishigo Village Tsuruyu	168	Naraha Town Kamikobana
5	Fukushima City Gonome	46	Date City Tsukidate Town Tsukidate	87	Koriyama City Nishita Town Oniuta	128	Izumizaki Village Fumase	169	Naraha Town Kamikobana
6	Fukushima City Tazawa	47	Date City Tsukidate Town Tsukidate	88	Koriyama City Sakuta	129	Nakajima Village Nametsu	170	Naraha Town Kamikobana
7	Fukushima City Oyama	48	Date City Tsukidate Town Tsukidate	89	Koriyama City Tamura Town Moriyama	130	Yabuki Town Akebono Town	171	Naraha Town Yamadaoka
8	Fukushima City Minamisawamata	49	Date City Tsukidate Town Tsukidate	90	Koriyama City Atami Town Ishimushiro	131	Tanagura Town Yamagiwa	172	Naraha Town Shimokobana
9	Fukushima City Onami	50	Date City Tsukidate Town Nunokawa	91	Koriyama City Fukuyama Town Fukuhara	132	Yamatsuri Town Houzaka	173	Naraha Town Kamishigeoka
10	Fukushima City Onami	51	Soma City Higashitamano	92	Koriyama City Kikuta Town Maetazawa	133	Hanawa Town Kawakami	174	Tomioaka Town Motooka
11	Fukushima City Okabe	52	Soma City Tamano	93	Koriyama City Katahira Town	134	Samegawa Village Akasaka Higashino	175	Tomioaka Town Motooka
12	Fukushima City Motouchi	53	Soma City Yamakami	94	Koriyama City Asaka Town Narita	135	Aizuwakamatsu City Naka Town	176	Tomioaka Town Motooka
13	Fukushima City Senoue Town	54	Soma City Yamakami	95	Koriyama-shi Otsuki-machi Nishinomiya	136	Kitakata City Matsuyama Village Oiizaka	177	Kawauchi Village Shimokawauchi
14	Fukushima City Minamiyanome	55	Soma City Tomizawa	96	Koriyama City Konan Town Hamaji	137	Kitashiobara Village Sekiya	178	Kawauchi Village Shimokawauchi
15	Fukushima City Yagita	56	Soma City Shiinoki	97	Koriyama City Ose Town Tadano	138	Nishiaizu Town Nozawa	179	Kawauchi Village Shimokawauchi
16	Fukushima City Kaminagura	57	Soma City Dozuki	98	Koriyama City Mihota Town Shimomoriya	139	Bandai Town Otani	180	Kawauchi Village Shimokawauchi
17	Fukushima City Sasaya	58	Shinchi Town Fukuda	99	Koriyama City Konan Town Fukura	140	Inawashiro Town Yamagata	181	Okuma Town Kuma
18	Fukushima City Tatsugoyama	59	Shinchi Town Yachigoya	100	Sukagawa City Namegawa	141	Aizubange Town Tatenoshita	182	Okuma Town Nogami
19	Fukushima City Iizaka Town	60	Shinchi Town Mayumi	101	Sukagawa City Ogura	142	Yukawa Village Hamazaki	183	Okuma Town Kuma
20	Fukushima City Matsukawa Town	61	Motomiya City Niita	102	Sukagawa City Tategaoka	143	Yanaizu Town Hosohachi	184	Okuma Town Ogawara
21	Fukushima City Matsukawa Town Sekiya	62	Kori Town Kitahanda	103	Sukagawa City Hokotuski	144	Mishima Town Kuwanohara	185	Futaba Town Mizusawa
22	Fukushima City Shimotoriwata	63	Kuni Town Fujita	104	Sukagawa City Konaka	145	Kaneyama Town Honna	186	Futaba Town Shibukawa
23	Fukushima City Sasakino	64	Kawamata Town Yamakiya	105	Sukagawa City Hatada	146	Showa Village Shimonakatsukawa	187	Namie Town Onoda
24	Fukushima City Kaminodera	65	Kawamata Town Yamakiya	106	Kagamiishi Town Suwa Town	147	Aizumisato Town Takada	188	Namie Town Murohara
25	Fukushima City Iinomachi Town Meiji	66	Kawamata Town Kotsunagi	107	Kagamiishi Town Okanouchi	148	Tadami Town Sakata	189	Namie Town Yatsuda
26	Fukushima City Iino Town Aoki	67	Kawamata Town Kotsunagi	108	Tenei Village Iitoyo	149	Minamiaizu Town Mizuhiki Settlement	190	Namie Town Obori
27	Nihonmatsu City Satsuki Town	68	Kawamata Town Kotsunagi	109	Tenei Village Tarao	150	Shimogo Town Toyonari	191	Katsurao Village Ochiai
28	Nihonmatsu City Shimokawasaki	69	Kawamata Town Kotsunagi	110	Ishikawa Town Yanomeda	151	Minamisoma City Kashima Ward Jisabara	192	Katsurao Village Ochiai
29	Nihonmatsu City Kamikawasaki	70	Kawamata Town Kotsunagi	111	Ishikawa Town Nakada	152	Minamisoma City Kashima Ward Kamito	193	Katsurao Village Ochiai
30	Nihonmatsu City Narita	71	Otama Village Oyama	112	Tamakawa Village Odaka	153	Minamisoma City Haramachi Ward Okid	194	Katsurao Village Nogawa
31	Date City Yanagawa Town Yamafunyu	72	Tamura City Takine Town Kanmata	113	Tamakawa Village Yottsujishinden	154	Minamisoma City Haramachi Ward Okid	195	Katsurao Village Katsurao
32	Date City Hobara Town Tomizawa	73	Tamura City Takine Town Hirose	114	Hirarta Village Nagata	155	Futaba Town Morotake	196	Katsurao Village Katsurao
33	Date City Hobara Town Tomizawa	74	Tamura City Ogoe Town Magino	115	Hirarta Village Tonoko	156	Minamisoma City Haramachi Ward Shidazawa	197	Katsurao Village Katsurao
34	Date City Hobara Town Tomizawa	75	Tamura City Ogoe Town Shimo-ogoe	116	Asakawa Town Shiraiishi	157	Minamisoma City Haramachi Ward Fuko	198	Katsurao Village Ochiai
35	Date City Hobara Town Tomizawa	76	Tamura City Miyakojii Town Iwaizawa	117	Furudono Town Takanuki	158	Minamisoma City Haramachi Ward Ota	199	Katsurao Village Katsurao
36	Date City Hobara Town Tomizawa	77	Tamura City Miyakojii Town Iwaizawa	118	Furudono Town Yamakami	159	Minamisoma City Odaka Ward Otomi	200	Katsurao Village Katsurao
37	Date City Hobara Town Tomizawa	78	Tamura City Miyakoji Town Furumich	119	Miharu Town Serigasawa	160	Minamisoma City Odaka Ward Koyagi	201	Katsurao Village Nogawa
38	Date City Hobara Town Tomizawa	79	Tamura City Miyakoji Town Furumich	120	Miharu Town Shimomogi	161	Hirono Town Shimokitaba	202	Katsurao Village Nogawa
39	Date City Hobara Town Tomizawa	80	Tamura City Tokiwa Town	121	Ono Town Ukigane	162	Hirono Town Kamiasamigawa	203	Katsurao Village Nogawa
40	Date City Hobara Town Takanarita	81	Tamura City Funehiki Town Okura	122	Ono Town Ononii Town	163	Hirono Town Oriki	204	Katsurao Village Nogawa
41	Date City Ryozen Town Kamioguni	82	Tamura City Funehiki Town Nakayama	123	Shirakawa City Aizu Town	164	Hirono Town Oriki	205	Iitate Village Nagadoro

Radioactive Material Monitoring of Groundwater based on the Comprehensive Radiation Monitoring Plan

Based on the Comprehensive Radiation Monitoring Plan (decided in August 2011), MOE has been monitoring water environments (rivers, lakes, etc.). With regard to groundwater, radioactive material monitoring surveys have been continued in and around Fukushima Prefecture. Monitoring results are compiled and released and are also available on the following MOE website.

(http://www.env.go.jp/jishin/monitoring/results_r-gw.html)

Comprehensive Radiation Monitoring Plan (extract)

○ Monitoring of water environment

<Monitoring of groundwater (including well water)>

- Regarding groundwater in and around Fukushima Prefecture, activity concentrations will be measured. In particular, activity concentrations in groundwater in Fukushima Prefecture will be intensively measured. (omitted)

<Survey method>

[Locations] Select locations (wells, etc.) in consultation with the relevant local governments

[Frequency] Four times a year in Fukushima Prefecture in principle (twice a year in Fukushima City, Koriyama City, and Iwaki City) and once a year in other neighboring prefectures

[Radionuclides] I-131, Cs-134, Cs-137, Sr-89, and Sr-90

* Sr-89 and Sr-90 are surveyed only in some locations in Fukushima Prefecture.

[Detection limit] 1 Bq/L

<Results of FY2014 surveys>

Surveys were conducted at a total of 369 locations in Fukushima and neighboring prefectures (Iwate, Miyagi, Tochigi, Gunma, Ibaraki, and Chiba Prefectures) and none of the targeted radionuclides were detectable at any of the locations surveyed.