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災害廃棄物の広域処理をすすめよう

Results of Radioactive Material Monitoring of Groundwater (Report No. 7)

Thursday, May 10, 2012
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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 January 30 to March 16) are released here as Report No. 7.

○ Outline of Results

Measurement of I-131, Cs-134, and Cs-137 was conducted at 364 locations within Fukushima Prefecture (detection limit: 1 Bq/L). Additionally, measurement of Sr-89 and Sr-90 was also conducted at eight locations within the Restricted Area (at the time of sampling) (detection limit for Sr-89: 0.001 Bq/L; detection limit for Sr-90: 0.0002 Bq/L)

I-131, Cs-134, Cs-137 were not detectable at any of the locations surveyed. Sr-89 was not detectable at any of the eight locations surveyed, while Sr-90 was detected but detected values were within the range between 0.0004 and 0.0029 Bq/L. (See the Annex for details.)

The concentrations of Sr-90 detected in the latest survey were at the same level as those of Sr-90 in tap water measured nationwide prior to the accident at the Tokyo Electric Power Company's Fukushima Daiichi NPS (a range from the detection limit to 0.0023 Bq/L: FY2009 survey results).

(Source: Compilation of the Results of the FY2009 Monitoring of Environmental Radioactivity Levels (Japan Chemical Analysis Center, August 2011))

*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	Concentrations of radioactive substances					Remarks
			I-131 (Bq/L)	Cs (Bq/L)		Sr (Bq/L)		
				Cs-134	Cs-137	Sr-89	Sr-90	
1	Fukushima City Watari	2012/3/4	ND	ND	ND	—	—	
2	Fukushima City Oguraji	2012/3/3	ND	ND	ND	—	—	
3	Fukushima City Gonome	2012/3/3	ND	ND	ND	—	—	
4	Fukushima City Tazawa	2012/3/4	ND	ND	ND	—	—	
5	Fukushima City Minamisawamata	2012/3/3	ND	ND	ND	—	—	
6	Fukushima City Onami	2012/3/4	ND	ND	ND	—	—	
7	Fukushima City Okabe	2012/3/3	ND	ND	ND	—	—	
8	Fukushima City Motouchi	2012/3/3	ND	ND	ND	—	—	
9	Fukushima City Senoue Town	2012/3/4	ND	ND	ND	—	—	
10	Fukushima City Minamiyanome	2012/3/3	ND	ND	ND	—	—	
11	Fukushima City Yagita	2012/3/3	ND	ND	ND	—	—	
12	Fukushima City Kaminagura	2012/3/3	ND	ND	ND	—	—	
13	Fukushima City Sasaya	2012/3/3	ND	ND	ND	—	—	
14	Fukushima City Tatsugoyama	2012/3/4	ND	ND	ND	—	—	
15	Fukushima City Iizaka Town	2012/3/4	ND	ND	ND	—	—	
16	Fukushima City Matsukawa Town	2012/3/4	ND	ND	ND	—	—	
17	Fukushima City Matsukawa Towni Sekiya	2012/3/4	ND	ND	ND	—	—	
18	Fukushima City Shimotoriwata	2012/3/3	ND	ND	ND	—	—	
19	Fukushima City Sasakino	2012/3/3	ND	ND	ND	—	—	
20	Fukushima City Kaminodera	2012/3/3	ND	ND	ND	—	—	
21	Fukushima City Iino Town Aoki	2012/3/4	ND	ND	ND	—	—	
22	Fukushima City Oyama	2012/3/3	ND	ND	ND	—	—	
23	Fukushima City Onami	2012/3/4	ND	ND	ND	—	—	
24	Fukushima City Koshihama Town	2012/3/3	ND	ND	ND	—	—	
25	Fukushima City Watari	2012/3/4	ND	ND	ND	—	—	
26	Fukushima City Inomachi Town Meiji	2012/3/4	ND	ND	ND	—	—	
27	Nihonmatsu City Babadaira	2012/3/9	ND	ND	ND	—	—	
28	Nihonmatsu City Satsuki Town	2012/3/12	ND	ND	ND	—	—	
29	Nihonmatsu City Shimokawasaki	2012/3/12	ND	ND	ND	—	—	
30	Nihonmatsu City Kamikawasaki	2012/3/12	ND	ND	ND	—	—	
31	Nihonmatsu City Obama	2012/3/12	ND	ND	ND	—	—	
32	Nihonmatsu City Narita	2012/3/12	ND	ND	ND	—	—	
33	Nihonmatsu City Kohata	2012/3/12	ND	ND	ND	—	—	
34	Nihonmatsu City Tosawa	2012/3/16	ND	ND	ND	—	—	
35	Date City Hakozaeki	2012/3/13	ND	ND	ND	—	—	
36	Date City Yanagawa Town Yamafunyu	2012/3/13	ND	ND	ND	—	—	
37	Date City Yanagawa Town Yamafunyu	2012/3/13	ND	ND	ND	—	—	
38	Date City Yanagawa Town Shirane	2012/3/13	ND	ND	ND	—	—	
39	Date City Yanagawa Town Shirane	2012/3/13	ND	ND	ND	—	—	
40	Date City Yanagawa Town Mukougawara	2012/3/13	ND	ND	ND	—	—	
41	Date City Hobarata Town Tomizawa	2012/3/14	ND	ND	ND	—	—	
42	Date City Hobarata Town Tomizawa	2012/3/14	ND	ND	ND	—	—	
43	Date City Hobarata Town Tomizawa	2012/3/14	ND	ND	ND	—	—	
44	Date City Hobarata Town Tomizawa	2012/3/14	ND	ND	ND	—	—	
45	Date City Hobarata Town Tomizawa	2012/3/14	ND	ND	ND	—	—	
46	Date City Hobarata Town Tomizawa	2012/3/14	ND	ND	ND	—	—	
47	Date City Hobarata Town Tomizawa	2012/3/14	ND	ND	ND	—	—	
48	Date City Hobarata Town Tomizawa	2012/3/14	ND	ND	ND	—	—	
49	Date City Hobarata Town Tokorozawa	2012/3/14	ND	ND	ND	—	—	
50	Date City Hobarata Town Takanarita	2012/3/14	ND	ND	ND	—	—	

* When measured values were below the detection limits for radioactive concentrations in groundwater (1 Bq/L for I-131, Cs-134, and Cs-137; 0.001 Bq/L for Sr-89; 0.00002 Bq/L for Sr-90) adopted for this monitoring, they are indicated as "ND."

Measurement results are indicated as ND when detected values were below Sr-90 : 0.0002 Bq/L.

(see the attached map)

No.	District	Sampling Date	Concentrations of radioactive substances					Remarks
			I-131 (Bq/L)	Cs (Bq/L)		Sr (Bq/L)		
				Cs-134	Cs-137	Sr-89	Sr-90	
51	Date City Ryozen Town Kamioguni	2012/3/14	ND	ND	ND	—	—	
52	Date City Ryozen Town Kamioguni	2012/3/14	ND	ND	ND	—	—	
53	Date City Ryozen Town Kamioguni	2012/3/14	ND	ND	ND	—	—	
54	Date City Ryozen Town Kamioguni	2012/3/14	ND	ND	ND	—	—	
55	Date City Ryozen Town Ishida	2012/3/15	ND	ND	ND	—	—	
56-1	Date City Ryozen Town Ishida	2012/3/15	ND	ND	ND	—	—	Collected water samples at two points at the same location
56-2	Date City Ryozen Town Ishida	2012/3/15	ND	ND	ND	—	—	Collected water samples at two points at the same location
57	Date City Ryozen Town Ishida	2012/3/15	ND	ND	ND	—	—	
58	Date City Ryozen Town Ishida	2012/3/15	ND	ND	ND	—	—	
59	Date City Tsukidate Town Tsukidate	2012/3/15	ND	ND	ND	—	—	
60	Date City Tsukidate Town Tsukidate	2012/3/15	ND	ND	ND	—	—	
61	Date City Tsukidate Town Tsukidate	2012/3/15	ND	ND	ND	—	—	
62	Date City Tsukidate Town Tsukidate	2012/3/15	ND	ND	ND	—	—	
63	Date City Tsukidate Town Nunokawa	2012/3/15	ND	ND	ND	—	—	
64	Date City Tsukidate Town Nunokawa	2012/3/15	ND	ND	ND	—	—	
65	Motomiya City Motomiya	2012/3/9	ND	ND	ND	—	—	
66	Motomiya City Takagi	2012/3/9	ND	ND	ND	—	—	
67	Motomiya City Arai	2012/3/9	ND	ND	ND	—	—	
68	Motomiya City Niita	2012/3/9	ND	ND	ND	—	—	
69	Motomiya City Shiraiwa	2012/3/12	ND	ND	ND	—	—	
70	Motomiya City Inazawa	2012/3/12	ND	ND	ND	—	—	
71	Motomiya City Wada	2012/3/12	ND	ND	ND	—	—	
72	Motomiya City Nagaya	2012/3/12	ND	ND	ND	—	—	
73	Kori Town Kitahanda	2012/3/13	ND	ND	ND	—	—	
74	Kori Town Kamigori	2012/3/13	ND	ND	ND	—	—	
75	Kori Town Higashiosumi	2012/3/13	ND	ND	ND	—	—	
76	Kori Town Mansyoji	2012/3/13	ND	ND	ND	—	—	
77	Kuni Town Fujita	2012/3/13	ND	ND	ND	—	—	
78	Kuni Town Yamazaki	2012/3/13	ND	ND	ND	—	—	
79	Kawamata Town Yamakiya	2012/3/16	ND	ND	ND	—	—	Deliberate Evacuation Areas
80	Kawamata Town Yamakiya	2012/3/16	ND	ND	ND	—	—	Deliberate Evacuation Areas
81	Kawamata Town Kotsunagi	2012/3/16	ND	ND	ND	—	—	
82	Kawamata Town Kotsunagi	2012/3/16	ND	ND	ND	—	—	
83	Kawamata Town Kotsunagi	2012/3/16	ND	ND	ND	—	—	
84	Kawamata Town Kotsunagi	2012/3/16	ND	ND	ND	—	—	
85	Kawamata Town Kotsunagi	2012/3/16	ND	ND	ND	—	—	
86	Otama Village Oyama	2012/3/9	ND	ND	ND	—	—	
87	Otama Village Oyama	2012/3/9	ND	ND	ND	—	—	
88	Otama Village Oyama	2012/3/9	ND	ND	ND	—	—	
89	Otama Village Oyama	2012/3/9	ND	ND	ND	—	—	
90	Ootama Village Tamai	2012/3/9	ND	ND	ND	—	—	
91	Koriyama City Nakata Town Nakatsugawa	2012/3/7	ND	ND	ND	—	—	
92	Koriyama City Tamura Town Tamogami	2012/3/7	ND	ND	ND	—	—	
93	Koriyama City Hiwada Town Hiwada	2012/3/7	ND	ND	ND	—	—	
94	Koriyama City Nishita Town Oniuta	2012/3/7	ND	ND	ND	—	—	
95	Koriyama City Sakuta	2012/3/7	ND	ND	ND	—	—	
96	Koriyama City Tamura Town Moriyama	2012/3/7	ND	ND	ND	—	—	
97	Koriyama City Atami Town Ishimushiro	2012/3/7	ND	ND	ND	—	—	
98	Koriyama City Fukuyama Town Fukuhara	2012/3/7	ND	ND	ND	—	—	
99	Koriyama City Kikuta Town Maetazawa	2012/3/7	ND	ND	ND	—	—	
100	Koriyama City Katahira Town	2012/3/8	ND	ND	ND	—	—	

* When measured values were below the detection limits for radioactive concentrations in groundwater (1 Bq/L for I-131, Cs-134, and Cs-137; 0.001 Bq/L for Sr-89; 0.0002 Bq/L for Sr-90) adopted for this monitoring, they are indicated as "ND."

Measurement results are indicated as ND when detected values were below Sr-90 : 0.0002 Bq/L.

(see the attached map)

No.	District	Sampling Date	Concentrations of radioactive substances					Remarks
			I-131 (Bq/L)	Cs (Bq/L)		Sr (Bq/L)		
				Cs-134	Cs-137	Sr-89	Sr-90	
101	Koriyama City Otsuki Town	2012/3/8	ND	ND	ND	—	—	
102	Koriyama City Konan Town Hamaji	2012/3/8	ND	ND	ND	—	—	
103	Koriyama City Ose Town Tadano	2012/3/8	ND	ND	ND	—	—	
104	Koriyama City Mihota Town Shimomoriya	2012/3/8	ND	ND	ND	—	—	
105	Koriyama City Konan Town Fukura	2012/3/8	ND	ND	ND	—	—	
106	Sukagawa City Moriyuku	2012/2/10	ND	ND	ND	—	—	
107	Sukagawa City Moriyuku	2012/2/10	ND	ND	ND	—	—	
108	Sukagawa City Namegawa	2012/2/10	ND	ND	ND	—	—	
109	Sukagawa City Iwabuchi	2012/2/7	ND	ND	ND	—	—	
110	Sukagawa City Ogura	2012/2/9	ND	ND	ND	—	—	
111	Sukagawa City Tategaoka	2012/2/7	ND	ND	ND	—	—	
112	Sukagawa City Hokotuski	2012/2/7	ND	ND	ND	—	—	
113	Sukagawa City Konaka	2012/2/7	ND	ND	ND	—	—	
114	Sukagawa City Hatada	2012/2/7	ND	ND	ND	—	—	
115	Tamura City Ogoe Town Magino	2012/2/8	ND	ND	ND	—	—	
116	Tamura City Takine Town Sugaya	2012/2/8	ND	ND	ND	—	—	
117	Tamura City Funehiki Town Funehiki	2012/2/6	ND	ND	ND	—	—	
118	Tamura City Takine Town Kanmata	2012/2/8	ND	ND	ND	—	—	
119	Tamura City Takine Town Hirose	2012/2/8	ND	ND	ND	—	—	
120	Tamura City Ogoe Town Kami-ogoe	2012/2/6	ND	ND	ND	—	—	
121	Tamura City Ogoe Town Shimo-ogoe	2012/2/6	ND	ND	ND	—	—	
122	Tamura City Miyakoji Town Iwaizawa	2012/1/30	ND	ND	ND	—	—	Former Emergency Evacuation Preparation Areas
123	Tamura City Miyakoji Town Iwaizawa	2012/1/30	ND	ND	ND	—	—	Former Emergency Evacuation Preparation Areas
124	Tamura City Miyakoji Town Furumichi	2012/1/30	ND	ND	ND	—	—	Former Emergency Evacuation Preparation Areas
125	Tamura City Tokiwa Town Tokiwa	2012/2/8	ND	ND	ND	—	—	
126	Tamura City Tokiwa Town Tokiwa	2012/2/6	ND	ND	ND	—	—	
127	Tamura City Tokiwa Town Nishimuki	2012/2/6	ND	ND	ND	—	—	
128	Tamura City Funehiki Town Okura	2012/1/30	ND	ND	ND	—	—	
129	Tamura City Funehiki Town Nakayama	2012/1/30	ND	ND	ND	—	—	Former Emergency Evacuation Preparation Areas
130	Tamura City Miyakoji Town Furumichi	2012/1/30	ND	ND	ND	ND	0.0004	Restricted Areas (at the time of sampling)
131	Kagamiishi Town Suwa Town	2012/2/9	ND	ND	ND	—	—	
132	Kagamiishi Town Okanouchi	2012/2/9	ND	ND	ND	—	—	
133	Kagamiishi Town Kagaminuma	2012/2/9	ND	ND	ND	—	—	
134	Kagamiishi Town Higashi Town	2012/2/9	ND	ND	ND	—	—	
135	Tenei Village Iitoyo	2012/2/7	ND	ND	ND	—	—	
136	Tenei Village Tarao	2012/2/7	ND	ND	ND	—	—	
137	Ishikawa Town Yanomeda	2012/2/10	ND	ND	ND	—	—	
138	Ishikawa Town Nakada	2012/2/10	ND	ND	ND	—	—	
139	Tamakawa Village Tatsuzaki	2012/2/9	ND	ND	ND	—	—	
140	Tamakawa Village Odaka	2012/2/9	ND	ND	ND	—	—	
141	Tamakawa Village Naka	2012/2/9	ND	ND	ND	—	—	
142	Tamakawa Village Yottsujishinden	2012/2/9	ND	ND	ND	—	—	
143	Hirarta Village Nagata	2012/2/8	ND	ND	ND	—	—	
144	Hirarta Village Tonoko	2012/2/8	ND	ND	ND	—	—	
145	Asakawa Town Shiraishi	2012/2/10	ND	ND	ND	—	—	
146	Furudono Town Takanuki	2012/2/10	ND	ND	ND	—	—	
147	Furudono Town Yamakami	2012/2/10	ND	ND	ND	—	—	
148	Miharu Town Kodaki	2012/2/6	ND	ND	ND	—	—	
149	Miharu Town Serigasawa	2012/2/6	ND	ND	ND	—	—	
150	Miharu Town Shimomogi	2012/2/6	ND	ND	ND	—	—	

* When measured values were below the detection limits for radioactive concentrations in groundwater (1 Bq/L for I-131, Cs-134, and Cs-137; 0.001 Bq/L for Sr-89; 0.00002 Bq/L for Sr-90) adopted for this monitoring, they are indicated as "ND."

Measurement results are indicated as ND when detected values were below Sr-90 : 0.0002 Bq/L.

(see the attached map)

No.	District	Sampling Date	Concentrations of radioactive substances					Remarks
			I-131 (Bq/L)	Cs (Bq/L)		Sr (Bq/L)		
				Cs-134	Cs-137	Sr-89	Sr-90	
151	Ono Town Itoyo	2012/2/8	ND	ND	ND	—	—	
152	Ono Town Ukigane	2012/2/8	ND	ND	ND	—	—	
153	Ono Town Ononii Town	2012/2/8	ND	ND	ND	—	—	
154	Shirakawa City Aizu Town	2012/3/6	ND	ND	ND	—	—	
155	Shirakawa City Omotegonaimatsu	2012/3/7	ND	ND	ND	—	—	
156	Shirakawa City Higashi-Shimonodejima	2012/3/6	ND	ND	ND	—	—	
157	Shirakawa City Taishinshimokoya	2012/3/6	ND	ND	ND	—	—	
158	Shirakawa City Taishin Shimoshinjo	2012/3/6	ND	ND	ND	—	—	
159	Nishigo Village Tsuryu	2012/3/6	ND	ND	ND	—	—	
160	Nishigo Village Habuto	2012/3/6	ND	ND	ND	—	—	
161	Izumizaki Village Fumase	2012/3/6	ND	ND	ND	—	—	
162	Nakajima Village Nametsu	2012/3/6	ND	ND	ND	—	—	
163	Yabuki Town Akebono Town	2012/3/6	ND	ND	ND	—	—	
164	Tanagura Town Yamagiwa	2012/3/7	ND	ND	ND	—	—	
165	Yamatsuri Town Houzaka	2012/3/7	ND	ND	ND	—	—	
166	Hanawa Town Kawakami	2012/3/7	ND	ND	ND	—	—	
167	Samegawa Village Akasaka Higashino	2012/3/7	ND	ND	ND	—	—	
168	Aizuwakamatsu City Naka Town	2012/3/9	ND	ND	ND	—	—	
169	Aizuwakamatsu City Minato Town	2012/3/9	ND	ND	ND	—	—	
170	Kitakata City Shiokawa Town Yoshioki	2012/3/9	ND	ND	ND	—	—	
171	Kitakata City Matsuyama Village Oiizaka	2012/3/9	ND	ND	ND	—	—	
172	Kitashiobara Village Sekiya	2012/3/9	ND	ND	ND	—	—	
173	Nishiaizu Town Nozawa	2012/3/8	ND	ND	ND	—	—	
174	Bandai Town Otani	2012/3/9	ND	ND	ND	—	—	
175	Inawashiro Town Yamagata	2012/3/9	ND	ND	ND	—	—	
176	Aizubange Town Tatenoshita	2012/3/8	ND	ND	ND	—	—	
177	Yukawa Village Hamazaki	2012/3/9	ND	ND	ND	—	—	
178	Yanaizu Town Hosohachi	2012/3/8	ND	ND	ND	—	—	
179	Mishima Town Kuwanohara	2012/3/8	ND	ND	ND	—	—	
180	Kaneyama Town Honna	2012/3/8	ND	ND	ND	—	—	
181	Showa Village Shimonakatsukawa	2012/3/8	ND	ND	ND	—	—	
182	Aizumisato Town Takadakou	2012/3/9	ND	ND	ND	—	—	
183	Shimogo Town Ouchi	2012/3/5	ND	ND	ND	—	—	
184	Tadami Town Tadami	2012/3/5	ND	ND	ND	—	—	
185	Minamiaizu Town Mizuhiki	2012/3/5	ND	ND	ND	—	—	
186	Soma City Higashitamano	2012/3/8	ND	ND	ND	—	—	
187	Soma City Tamano	2012/3/8	ND	ND	ND	—	—	
188	Soma City Yamakami	2012/3/8	ND	ND	ND	—	—	
189	Soma City Yamakami	2012/3/8	ND	ND	ND	—	—	
190	Soma City Tomizawa	2012/3/7	ND	ND	ND	—	—	
191	Soma City Shiinoki	2012/3/8	ND	ND	ND	—	—	
192	Minamisoma City Kashima Ward Jisabara	2012/3/8	ND	ND	ND	—	—	
193	Minamisoma City Kashima Ward Kamitochikubo	2012/3/8	ND	ND	ND	—	—	
194	Minamisoma City Haramachi Ward Okido	2012/3/7	ND	ND	ND	—	—	Former Emergency Evacuation Preparation Areas
195	Minamisoma City Haramachi Ward Okido	2012/3/7	ND	ND	ND	—	—	Former Emergency Evacuation Preparation Areas
196	Minamisoma City Haramachi Ward Ishigami	2012/3/7	ND	ND	ND	—	—	Former Emergency Evacuation Preparation Areas
197	Minamisoma City Haramachi Ward Shidazawa	2012/3/8	ND	ND	ND	—	—	Former Emergency Evacuation Preparation Areas
198	Minamisoma City Haramachi Ward Fukono	2012/3/7	ND	ND	ND	—	—	Former Emergency Evacuation Preparation Areas
199	Minamisoma City Haramachi Ward Ota	2012/3/7	ND	ND	ND	—	—	Former Emergency Evacuation Preparation Areas
200	Minamisoma City Odaka Ward Otomi	2012/1/30	ND	ND	ND	ND	0.0005	Restricted Areas (at the time of sampling)

* When measured values were below the detection limits for radioactive concentrations in groundwater (1 Bq/L for I-131, Cs-134, and Cs-137; 0.001 Bq/L for Sr-89; 0.00002 Bq/L for Sr-90) adopted for this monitoring, they are indicated as "ND."

Measurement results are indicated as ND when detected values were below Sr-90 : 0.0002 Bq/L.

(see the attached map)

No.	District	Sampling Date	Concentrations of radioactive substances					Remarks
			I-131 (Bq/L)	Cs (Bq/L)		Sr (Bq/L)		
				Cs-134	Cs-137	Sr-89	Sr-90	
201	Minamisoma City Odaka Ward Koyagi	2012/1/30	ND	ND	ND	—	—	Restricted Areas (at the time of sampling)
202	Hirono Town Shimokitaba	2012/3/6	ND	ND	ND	—	—	Former Emergency Evacuation Preparation Areas
203	Hirono Town Kamiasamigawa	2012/3/6	ND	ND	ND	—	—	Former Emergency Evacuation Preparation Areas
204	Hirono Town Oriki	2012/3/6	ND	ND	ND	—	—	Former Emergency Evacuation Preparation Areas
205	Hirono Town Oriki	2012/3/6	ND	ND	ND	—	—	Former Emergency Evacuation Preparation Areas
206	Hirono Town Kamikitaba	2012/3/6	ND	ND	ND	—	—	Former Emergency Evacuation Preparation Areas
207	Naraha Town Oya	2012/1/31	ND	ND	ND	—	—	Restricted Areas
208-1	Naraha Town Kamikobana	2012/1/31	ND	ND	ND	—	—	Restricted Areas: Collected water samples at two points at the same location
208-2	Naraha Town Kamikobana	2012/1/31	ND	ND	ND	—	—	Restricted Areas: Collected water samples at two points at the same location
209	Naraha Town Yamadaoka	2012/1/31	ND	ND	ND	—	—	Restricted Areas
210	Naraha Town Shimokobana	2012/1/31	ND	ND	ND	—	—	Restricted Areas
211	Naraha Town Kamishigeoka	2012/1/31	ND	ND	ND	ND	0.0029	Restricted Areas
212	Tomioka Town Motooka	2012/1/31	ND	ND	ND	ND	0.0016	Restricted Areas
213	Tomioka Town Motooka	2012/1/31	ND	ND	ND	—	—	Restricted Areas
214	Tomioka Town Motooka	2012/1/31	ND	ND	ND	—	—	Restricted Areas
215	Kawauchi Village Shimokawauchi	2012/3/6	ND	ND	ND	—	—	Former Emergency Evacuation Preparation Areas
216	Kawauchi Village Shimokawauchi	2012/3/6	ND	ND	ND	—	—	Former Emergency Evacuation Preparation Areas
217-1	Kawauchi Village Kamikawauchi	2012/3/6	ND	ND	ND	—	—	Former Emergency Evacuation Preparation Areas: Collected water samples at two points at the same location
217-2	Kawauchi Village Kamikawauchi	2012/3/6	ND	ND	ND	—	—	Former Emergency Evacuation Preparation Areas: Collected water samples at two points at the same location
218	Okuma Town Kuma	2012/1/30	ND	ND	ND	ND	0.0016	Restricted Areas
219	Okuma Town Nogami	2012/1/30	ND	ND	ND	—	—	Restricted Areas
220	Okuma Town Kuma	2012/1/30	ND	ND	ND	ND	0.0019	Restricted Areas
221	Namie Town Onoda	2012/1/30	ND	ND	ND	—	—	Restricted Areas
222	Namie Town Murohara	2012/1/30	ND	ND	ND	—	—	Restricted Areas
223	Namie Town Yatsuda	2012/1/30	ND	ND	ND	ND	0.0011	Restricted Areas
224	Namie Town Obori	2012/1/30	ND	ND	ND	—	—	Restricted Areas
225	Katsurao Village Ochiai	2012/2/3	ND	ND	ND	—	—	Deliberate Evacuation Areas
226	Katsurao Village Ochiai	2012/2/3	ND	ND	ND	—	—	Deliberate Evacuation Areas
227	Katsurao Village Ochiai	2012/2/3	ND	ND	ND	—	—	Deliberate Evacuation Areas
228	Katsurao Village Nogawa	2012/2/3	ND	ND	ND	—	—	Deliberate Evacuation Areas
229	Katsurao Village Katsurao	2012/2/3	ND	ND	ND	—	—	Deliberate Evacuation Areas
230	Katsurao Village Katsurao	2012/2/3	ND	ND	ND	—	—	Deliberate Evacuation Areas
231	Katsurao Village Katsurao	2012/2/3	ND	ND	ND	ND	0.0006	Restricted Areas
232	Katsurao Village Ochiai	2012/3/9	ND	ND	ND	—	—	Deliberate Evacuation Areas
233	Katsurao Village Katsurao	2012/3/9	ND	ND	ND	—	—	Deliberate Evacuation Areas
234	Katsurao Village Katsurao	2012/3/9	ND	ND	ND	—	—	Deliberate Evacuation Areas
235	Katsurao Village Nogawa	2012/3/9	ND	ND	ND	—	—	Deliberate Evacuation Areas
236	Katsurao Village Nogawa	2012/3/9	ND	ND	ND	—	—	Deliberate Evacuation Areas
237	Katsurao Village Nogawa	2012/3/9	ND	ND	ND	—	—	Deliberate Evacuation Areas
238	Katsurao Village Nogawa	2012/3/9	ND	ND	ND	—	—	Deliberate Evacuation Areas
239	Shinchi Town Fukuda	2012/3/8	ND	ND	ND	—	—	
240	Shinchi Town Yachigoya	2012/3/8	ND	ND	ND	—	—	
241	Shinchi Town Mayumi	2012/3/8	ND	ND	ND	—	—	
242	Iitate Village Nagadoro	2012/3/7	ND	ND	ND	—	—	Deliberate Evacuation Areas
243	Iwaki City Kawamae Town Ojiroi	2012/3/6	ND	ND	ND	—	—	
244	Iwaki City Kawamae Town Kamioukeuri	2012/3/6	ND	ND	ND	—	—	
245	Iwaki City Kawamae Town Shimoukeuri	2012/3/6	ND	ND	ND	—	—	
246	Iwaki City Kawamae Town Kawamae	2012/3/6	ND	ND	ND	—	—	
247	Iwaki City Ogawa Town Ogawa	2012/3/5	ND	ND	ND	—	—	
248	Iwaki City Ogawa Town Ogawa	2012/3/5	ND	ND	ND	—	—	

* When measured values were below the detection limits for radioactive concentrations in groundwater (1 Bq/L for I-131, Cs-134, and Cs-137; 0.001 Bq/L for Sr-89; 0.00002 Bq/L for Sr-90) adopted for this monitoring, they are indicated as "ND."

Measurement results are indicated as ND when detected values were below Sr-90 : 0.0002 Bq/L.

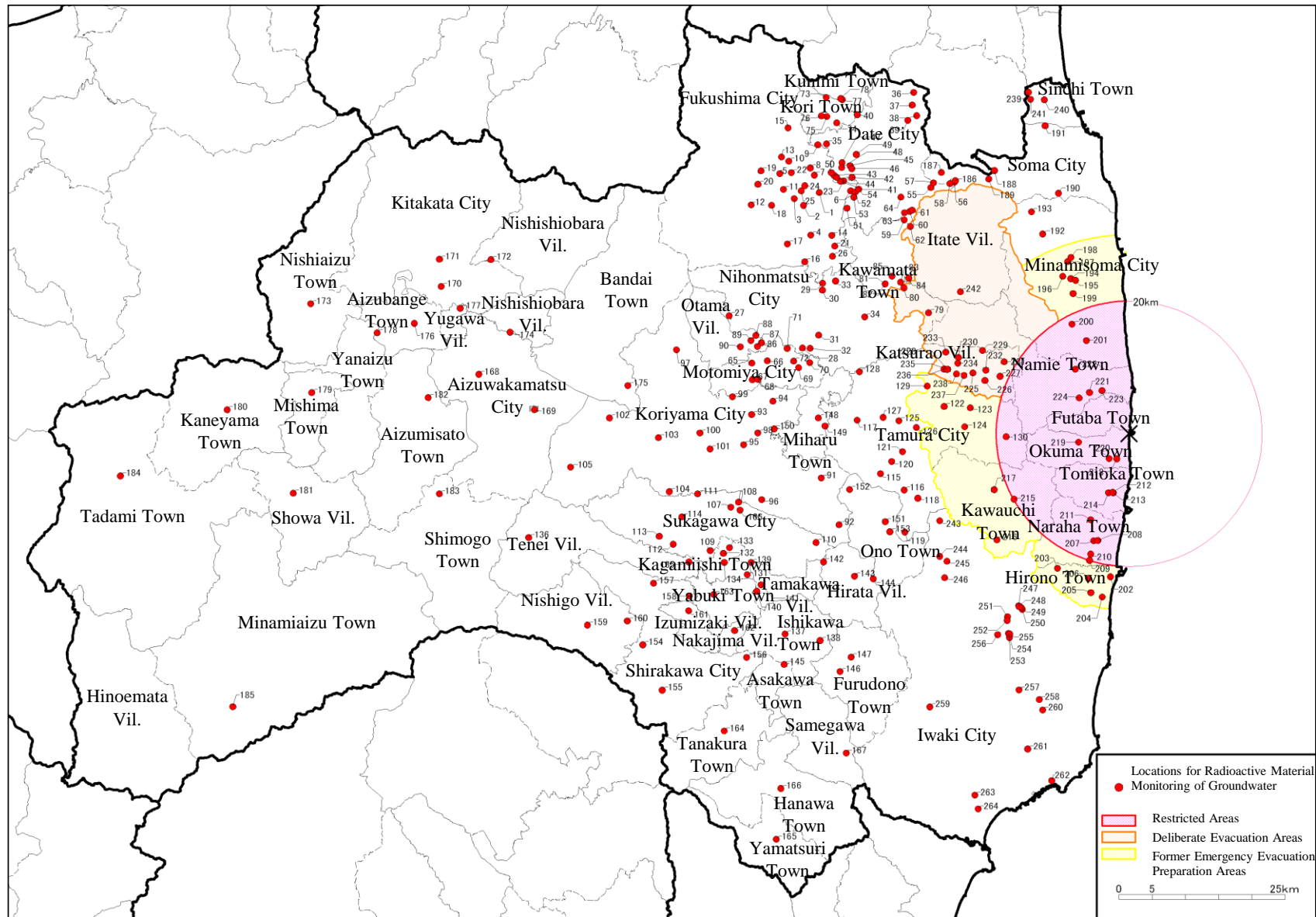
(see the attached map)

No.	District	Sampling Date	Concentrations of radioactive substances					Remarks
			I-131 (Bq/L)	Cs (Bq/L)		Sr (Bq/L)		
				Cs-134	Cs-137	Sr-89	Sr-90	
249	Iwaki City Ogawa Town Ogawa	2012/3/5	ND	ND	ND	—	—	
250	Iwaki City Ogawa Town Ogawa	2012/3/5	ND	ND	ND	—	—	
251	Iwaki City Ogawa Town Shioda	2012/3/5	ND	ND	ND	—	—	
252	Iwaki City Ogawa Town Ogawa	2012/3/5	ND	ND	ND	—	—	
253	Iwaki City Ogawa Town Shioda	2012/3/5	ND	ND	ND	—	—	
254	Iwaki City Ogawa Town Shioda	2012/3/5	ND	ND	ND	—	—	
255	Iwaki City Ogawa Town Shioda	2012/3/5	ND	ND	ND	—	—	
256	Iwaki City Ogawa Town Shioda	2012/3/5	ND	ND	ND	—	—	
257	Iwaki City Yoshima Town Kitayoshima	2012/3/6	ND	ND	ND	—	—	
258	Iwaki City Taira	2012/3/5	ND	ND	ND	—	—	
259	Iwaki City Tono Town Iritono	2012/3/5	ND	ND	ND	—	—	
260	Iwaki City Uchigo Ojima Town	2012/3/5	ND	ND	ND	—	—	
261	Iwaki City Jyobaneki Fune Town	2012/3/6	ND	ND	ND	—	—	
262	Iwaki City Onahamahoncho Town	2012/3/6	ND	ND	ND	—	—	
263	Iwaki City Yamada Town Hayashizaki	2012/3/6	ND	ND	ND	—	—	
264	Iwaki City Nishiki Town	2012/3/6	ND	ND	ND	—	—	

* When measured values were below the detection limits for radioactive concentrations in groundwater (1 Bq/L for I-131, Cs-134, and Cs-137; 0.001 Bq/L for Sr-89; 0.00002 Bq/L for Sr-90) adopted for this monitoring, they are indicated as "ND."

Measurement results are indicated as ND when detected values were below Sr-90 : 0.0002 Bq/L.

(see the attached map)



No.	District	No.	District	No.	District	No.	District	No.	District	No.	District
1	Fukushima City Watari	51	Date City Ryozen Town Kamioguni	101	Koriyama City Otsuki Town	151	Ono Town Iitoyo	201	Minamisoma City Odaka Ward Koyagi	251	Iwaki City Ogawa Town Shioda
2	Fukushima City Oguraji	52	Date City Ryozen Town Kamioguni	102	Koriyama City Konan Town Hamaji	152	Ono Town Ukigane	202	Hirono Town Shimokitaba	252	Iwaki City Ogawa Town Ogawa
3	Fukushima City Gonomie	53	Date City Ryozen Town Kamioguni	103	Koriyama City Ose Town Tadano	153	Ono Town Onohi Town	203	Hirono Town Kamiyasunigawa	253	Iwaki City Ogawa Town Shioda
4	Fukushima City Tazawa	54	Date City Ryozen Town Kamioguni	104	Koriyama City Mihota Town Shimomoriya	154	Shirakawa City Aizu Town	204	Hirono Town Oniki	254	Iwaki City Ogawa Town Shioda
5	Fukushima City Minamisawamata	55	Date City Ryozen Town Ishida	105	Koriyama City Konan Town Fukara	155	Shirakawa City Omotegonaimatsu	205	Hirono Town Oniki	255	Iwaki City Ogawa Town Shioda
6	Fukushima City Onami	56	Date City Ryozen Town Ishida	106	Sukagawa City Moriyuku	156	Shirakawa City Higashi-Shimodejima	206	Hirono Town Kamikitaba	256	Iwaki City Ogawa Town Shioda
7	Fukushima City Okabe	57	Date City Ryozen Town Ishida	107	Sukagawa City Moriyuku	157	Shirakawa City Taishinshimokoya	207	Naraha Town Oya	257	Iwaki City Yoshima Town Kitayoshima
8	Fukushima City Motouchi	58	Date City Ryozen Town Ishida	108	Sukagawa City Namegawa	158	Shirakawa City Taishin Shimoshinjo	208	Naraha Town Karakobana	258	Iwaki City Taira
9	Fukushima City Senoue Town	59	Date City Tsukidate Town Tsukidate	109	Sukagawa City Iwabuchi	159	Nishigo Village Tsuryu	209	Naraha Town Yamadaoka	259	Iwaki City Tono Town Iritono
10	Fukushima City Minamiyanome	60	Date City Tsukidate Town Tsukidate	110	Sukagawa City Ogura	160	Nishigo Village Habuto	210	Naraha Town Shimokobana	260	Iwaki City Uchigo Ojima Town
11	Fukushima City Yagita	61	Date City Tsukidate Town Tsukidate	111	Sukagawa City Tategaoaka	161	Izumizaki Village Fumase	211	Naraha Town Kamishigeoka	261	Iwaki City Jyobaneki Fune Town
12	Fukushima City Kaminagura	62	Date City Tsukidate Town Tsukidate	112	Sukagawa City Hokotuski	162	Nakajima Village Nametsu	212	Tomioka Town Motooka	262	Iwak City Onahamhoncho Town
13	Fukushima City Sasaya	63	Date City Tsukidate Town Nunokawa	113	Sukagawa City Konaka	163	Yabuki Town Akebono Town	213	Tomioka Town Motooka	263	Iwaki City Yamada Town Hayashizaki
14	Fukushima City Tatsugoyama	64	Date City Tsukidate Town Nunokawa	114	Sukagawa City Hatada	164	Tanagura Town Yamagiwa	214	Tomioka Town Motooka	264	Iwaki City Nishiki Town
15	Fukushima City Izaka Town	65	Motomiya City Motomiya	115	Tamura City Ogoe Town Magino	165	Yamatsuri Town Houzaka	215	Kawauchi Village Shimokawauchi		
16	Fukushima City Matsukawa Town	66	Motomiya City Takagi	116	Tamura City Takine Town Sugaya	166	Hanawa Town Kawakami	216	Kawauchi Village Shimokawauchi		
17	Fukushima City Matsukawa Town Sekiya	67	Motomiya City Arai	117	Tamura City Funeiki Town Funeiki	167	Samgawa Village Akasaka Higashino	217	Kawauchi Village Kamikawauchi		
18	Fukushima City Shimotoriwata	68	Motomiya City Niita	118	Tamura City Takine Town Kanmata	168	Aizuwakamatsu City Naka Town	218	Okuma Town Kuma		
19	Fukushima City Sasakino	69	Motomiya City Shiraiwa	119	Tamura City Takine Town Hirose	169	Aizuwakamatsu City Minato Town	219	Okuma Town Nogami		
20	Fukushima City Kaminodera	70	Motomiya City Inazawa	120	Tamura City Ogoe Town Kami-ogoe	170	Kitakata City Shiokawa Town Yoshioki	220	Okuma Town Kuma		
21	Fukushima City Iino Town Aoki	71	Motomiya City Wada	121	Tamura City Ogoe Town Shimo-ogoe	171	Kitakata City Matsuyama Village Oizaka	221	Nanie Town Onoda		
22	Fukushima City Oyama	72	Motomiya City Nagaya	122	Tamura City Miyakoji Town Iwaizawa	172	Kitashiohara Village Sekiya	222	Nanie Town Murohara		
23	Fukushima City Onami	73	Kori Town Kitahanda	123	Tamura City Miyakoji Town Iwaizawa	173	Nishiazu Town Nozawa	223	Nanie Town Yatsuda		
24	Fukushima City Koshihama Town	74	Kori Town Kamgori	124	Tamura City Miyakoji Town Furumichi	174	Bandai Town Otani	224	Nanie Town Obori		
25	Fukushima City Watari	75	Kori Town Higashiosumi	125	Tamura City Tokiwa Town Tokiwa	175	Inawashiro Town Yamagata	225	Katsurao Village Ochiai		
26	Fukushima City Iinomachi Town Meiji	76	Kori Town Mansyoji	126	Tamura City Tokiwa Town Tokiwa	176	Aizubange Town Tatenoshita	226	Katsurao Village Ochiai		
27	Nihonmatsu City Babadaira	77	Kuni Town Fujita	127	Tamura City Tokiwa Town Nishimaki	177	Yukawa Village Hamazaki	227	Katsurao Village Ochiai		
28	Nihonmatsu City Satsuki Town	78	Kuni Town Yamazaki	128	Tamura City Funeiki Town Okara	178	Yanaizu Town Hosohachi	228	Katsurao Village Nogawa		
29	Nihonmatsu City Shimokawasaki	79	Kawamata Town Yamakiya	129	Tamura City Funeiki Town Nakayama	179	Mishima Town Kuwanohara	229	Katsurao Village Katsurao		
30	Nihonmatsu City Kamikawasaki	80	Kawamata Town Yamakiya	130	Tamura City Miyakoji Town Furumichi	180	Kaneyama Town Honna	230	Katsurao Village Katsurao		
31	Nihonmatsu City Obama	81	Kawamata Town Kotsunagi	131	Kagamishi Town Suwa Town	181	Showa Village Shimokatsukawa	231	Katsurao Village Katsurao		
32	Nihonmatsu City Narita	82	Kawamata Town Kotsunagi	132	Kagamishi Town Okanouchi	182	Aizumisato Town Takadakou	232	Katsurao Village Ochiai		
33	Nihonmatsu City Kohata	83	Kawamata Town Kotsunagi	133	Kagamishi Town Kagaminurum	183	Shimogo Town Ouchi	233	Katsurao Village Katsurao		
34	Nihonmatsu City Tosawa	84	Kawamata Town Kotsunagi	134	Kagamishi Town Higashi Town	184	Tadami Town Tadami	234	Katsurao Village Katsurao		
35	Date City Hakozaki	85	Kawamata Town Kotsunagi	135	Tenei Village Iitoyo	185	Minamiaizu Town Mizuhiki	235	Katsurao Village Nogawa		
36	Date City Yanagawa Town Yamafunyu	86	Otama Village Oyama	136	Tenei Village Tarao	186	Soma City Higashitamano	236	Katsurao Village Nogawa		
37	Date City Yanagawa Town Yamafunyu	87	Otama Village Oyama	137	Ishikawa Town Yanomeda	187	Soma City Tamano	237	Katsurao Village Nogawa		
38	Date City Yanagawa Town Shirane	88	Otama Village Oyama	138	Ishikawa Town Nakada	188	Soma City Yamakami	238	Katsurao Village Nogawa		
39	Date City Yanagawa Town Shirane	89	Otama Village Oyama	139	Tamakawa Village Tatsuzaki	189	Soma City Yamakami	239	Shinchi Town Fukuda		
40	Date City Yanagawa Town Mukougawara	90	Ootama Village Tamai	140	Tamakawa Village Odaka	190	Soma City Tomizawa	240	Shinchi Town Yachigoya		
41	Date City Hobaru Town Tomizawa	91	Koriyama City Nakata Town Nakatsugawa	141	Tamakawa Village Naka	191	Soma City Shiinoki	241	Shinchi Town Mayumi		
42	Date City Hobaru Town Tomizawa	92	Koriyama City Tamura Town Tamogami	142	Tamakawa Village Yottsujshinden	192	Minamisoma City Kashima Ward Isabara	242	Iitate Village Nagadoro		
43	Date City Hobaru Town Tomizawa	93	Koriyama City Hiwada Town Hiwada	143	Hirata Village Nagata	193	Minamisoma City Kashima Ward Kamitochikubo	243	Iwaki City Kawamae Town Ojroi		
44	Date City Hobaru Town Tomizawa	94	Koriyama City Nishita Town Oniuta	144	Hirata Village Tonoko	194	Minamisoma City Haramachi Ward Okido	244	Iwaki City Kawamae Town Kamioukeuri		
45	Date City Hobaru Town Tomizawa	95	Koriyama City Sakata	145	Asakawa Town Shiraihi	195	Minamisoma City Haramachi Ward Okido	245	Iwak City Kawamae Town Shimoukeuri		
46	Date City Hobaru Town Tomizawa	96	Koriyama City Tamara Town Moriyama	146	Furudono Town Takanuki	196	Minamisoma City Haramachi Ward Ishigami	246	Iwaki City Kawamae Town Kawamae		
47	Date City Hobaru Town Tomizawa	97	Koriyama City Atami Town Ishimushiro	147	Furudono Town Yamakami	197	Minamisoma City Haramachi Ward Shidazawa	247	Iwaki City Ogawa Town Ogawa		
48	Date City Hobaru Town Tomizawa	98	Koriyama City Fukuyama Town Fukuhara	148	Miharu Town Kodaki	198	Minamisoma City Haramachi Ward Fukono	248	Iwaki City Ogawa Town Ogawa		
49	Date City Hobaru Town Tokorozawa	99	Koriyama City Kikuta Town Maetazawa	149	Miharu Town Serigasawa	199	Minamisoma City Haramachi Ward Ota	249	Iwaki City Ogawa Town Ogawa		
50	Date City Hobaru Town Takamaria	100	Koriyama City Katahira Town	150	Miharu Town Shimozogi	200	Minamisoma City Odaka Ward Ootomi	250	Iwaki City Ogawa Town Ogawa		