

Results of Radioactive Material Monitoring of Groundwater (June-August 2015)

1. Survey Overview

(1) Period (sampling dates)

June 16 to August 20, 2015

(2) Targets

Groundwater collected in Iwate, Miyagi, Fukushima, Ibaraki, Tochigi, Gunma, and Chiba Prefectures (see the attached map)

(3) Content

Measurement of activity concentrations in groundwater

2. Outline of Results

Measurement of I-131, Cs-134, and Cs-137 was conducted at all predetermined locations (327 locations). In Fukushima Prefecture, measurement of Sr-89 and Sr-90 was also conducted at 15 locations out of 183 within the prefecture. (Detection limit for all these measurements: 1 Bq/L)

None of these radionuclides were detectable at any of the locations surveyed as shown below.

Prefectures	Number of locations	Radioactive materials		Attachment
		Cs-134, Cs-137	Sr-89, Sr-90	
Iwate	22	Not detectable	—	1
Miyagi	24	Not detectable	—	2
Fukushima	183	Not detectable	—	3
	15	—	Not detectable	
Ibaraki	27	Not detectable	—	4
Tochigi	27	Not detectable	—	5
Gunma	21	Not detectable	—	6
Chiba	23	Not detectable	—	7

<Notes>

- 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

3. 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.

<Inquiries>

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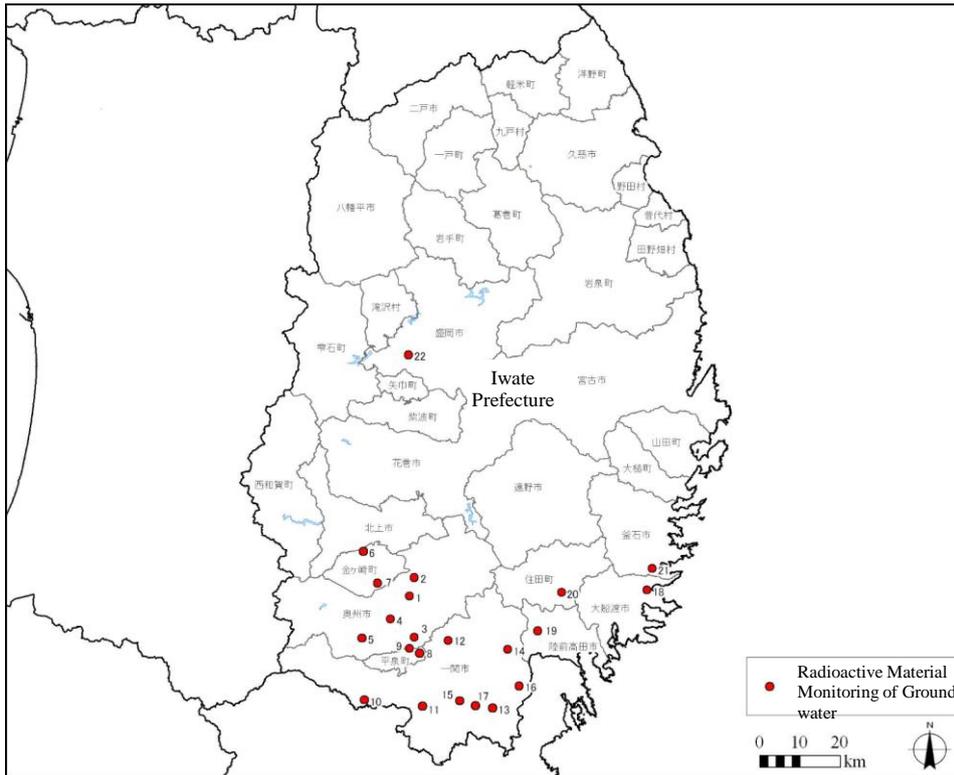
Results of Groundwater Monitoring [Iwate Prefecture]

(Annex 1)

No.	District	Sampling Date	Activity concentration (Bq/L)		Remarks
			Cs-134	Cs-137	
1	Oshu City Mizusawa Ward Higashiuwano Town	2015/6/23	ND	ND	
2	Oshu City Esashi Ward Odaki	2015/6/23	ND	ND	
3	Oshu City Maesawa Ward Seibo	2015/6/23	ND	ND	
4	Oshu City Isawa Ward Oyama	2015/6/23	ND	ND	
5	Oshu City Koromogawa Ward Shimoomori	2015/6/23	ND	ND	
6	Kanegasaki Town Nishine	2015/6/23	ND	ND	
7	Kanegasaki Town Nagasawa	2015/6/23	ND	ND	
8	Hiraizumi Town Nagashima	2015/6/22	ND	ND	
9	Hiraizumi Town Nagashima	2015/6/22	ND	ND	
10	Ichinoseki City Hagisho	2015/6/22	ND	ND	
11	Ichinoseki City Hanaizumi Town Kazawa	2015/6/22	ND	ND	
12	Ichinoseki City Higashiyama Town Takouzu	2015/6/22	ND	ND	
13	Ichinoseki City Senmaya Town Konashi	2015/6/22	ND	ND	
14	Ichinoseki City Daito Town Ohara	2015/6/22	ND	ND	
15	Ichinoseki City Kawasaki Town Usuginu	2015/6/22	ND	ND	
16	Ichinoseki City Nemuro Town Orikabe	2015/6/22	ND	ND	
17	Ichinoseki City Fujisawa Town Masuzawa	2015/6/22	ND	ND	
18	Ofunato City Sanriku Town	2015/6/24	ND	ND	
19	Rikuzentakata City Yahagi Town	2015/6/24	ND	ND	
20	Sumita Town Setamai	2015/6/24	ND	ND	
21	Kamaishi City Toni Town	2015/6/24	ND	ND	
22	Morioka City Mukainakano	2015/6/25	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	No.	District	No.	District
1	Oshu City Mizusawa Ward Higashiwano Town	9	Hiraizumi Town Nagashima	17	Ichinoseki City Fujisawa Town Masuzawa
2	Oshu City Esashi Ward Odaki	10	Ichinoseki City Hagisho	18	Ofunato City Sanriku Town
3	Oshu City Maesawa Ward Seibo	11	Ichinoseki City Hanaizumi Town Kazawa	19	Rikuzentakata City Yahagi Town
4	Oshu City Isawa Ward Oyama	12	Ichinoseki City Higashiyama Town Takouzu	20	Sumita Town Setamai
5	Oshu City Koromogawa Ward Shimoomori	13	Ichinoseki City Senmaya Town Konashi	21	Kamaishi City Toni Town
6	Kanegasaki Town Nishine	14	Ichinoseki City Daito Town Ohara	22	Morioka City Mukainakano
7	Kanegasaki Town Nagasawa	15	Ichinoseki City Kawasaki Town Usuginu		
8	Hiraizumi Town Nagashima	16	Ichinoseki City Nemuro Town Orikabe		

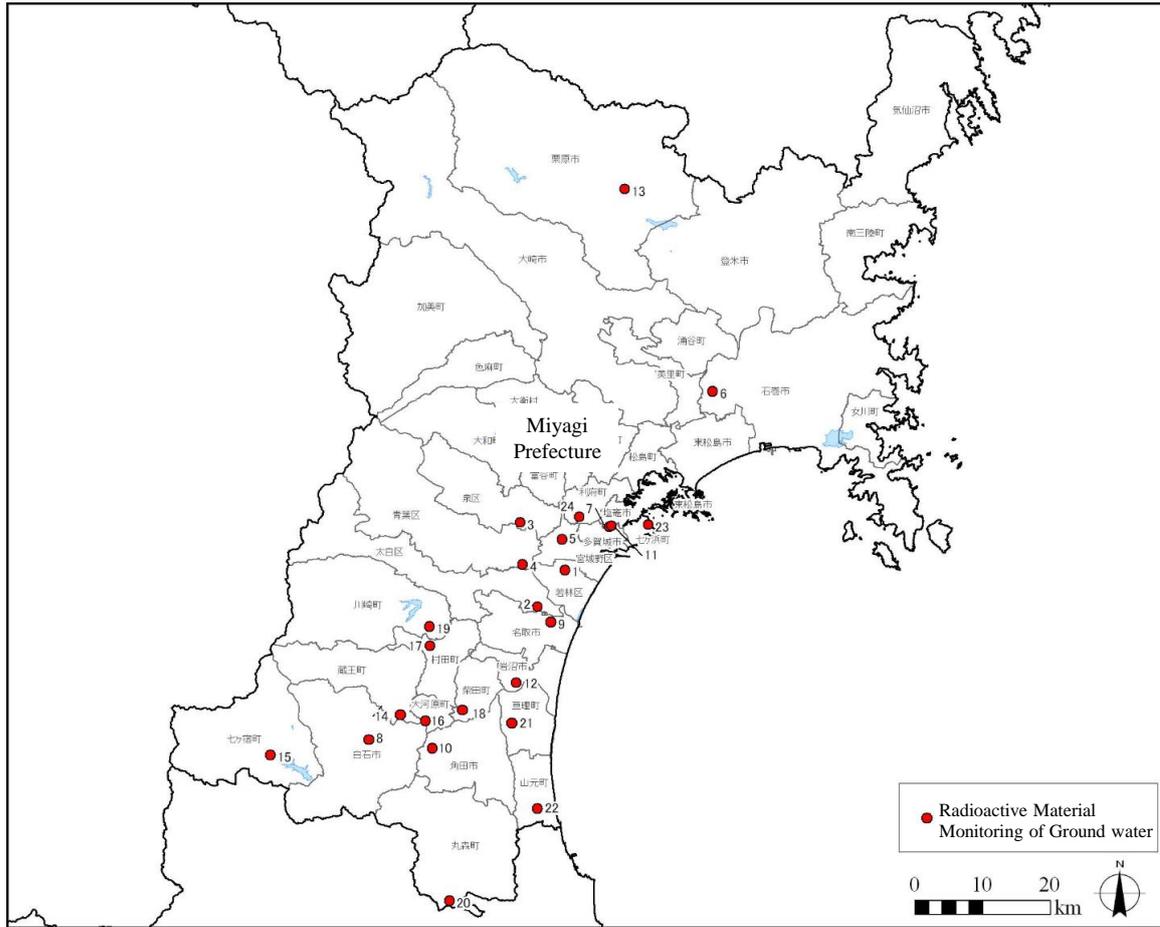
Results of Groundwater Monitoring [Miyagi Prefecture]

(Annex 2)

No.	District	Sampling Date	Activity concentration (Bq/L)		Remarks
			Cs-134	Cs-137	
1	Sendai City Wakabayashi Ward	2015/6/26	ND	ND	
2	Sendai City Taihaku Ward	2015/6/26	ND	ND	
3	Sendai City Izumi Ward	2015/6/26	ND	ND	
4	Sendai City Aoba Ward	2015/6/26	ND	ND	
5	Sendai City Miyagino Ward	2015/6/26	ND	ND	
6	Ishinomaki City Kitamura	2015/6/25	ND	ND	
7	Shiogama City Minaminishiki Town	2015/6/26	ND	ND	
8	Shiroishi City Fukuokanagabukuro	2015/6/25	ND	ND	
9	Natori City Omagari	2015/6/26	ND	ND	
10	Kakuda City Takakura	2015/6/25	ND	ND	
11	Tagajo City Geba	2015/6/26	ND	ND	
12	Iwanu City Fukiage	2015/6/30	ND	ND	
13	Kurihara City Tsukidate	2015/6/25	ND	ND	
14	Zao Town Miya	2015/6/25	ND	ND	
15	Shichikashuku Town Seki	2015/6/25	ND	ND	
16	Ogawara Town Kanagase	2015/6/25	ND	ND	
17	Tamura Town Ashitate	2015/6/25	ND	ND	
18	Shibata Town Funaokachuo	2015/6/26	ND	ND	
19	Kawasaki Town Hasekura	2015/6/25	ND	ND	
20	Marumori Town Hippo	2015/6/26	ND	ND	
21	Watari Town Iwaida	2015/6/26	ND	ND	
22	Yamamoto Town Sakamoto	2015/6/26	ND	ND	
23	Shichigahama Town Yoshidahama	2015/6/26	ND	ND	
24	Rifu Town Sugaya	2015/6/26	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	No.	District	No.	District
1	Sendai City Wakabayashi Ward	9	Natori City Omagari	17	Tamura Town Ashitate
2	Sendai City Taihaku Ward	10	Kakuda City Takakura	18	Shibata Town Funaokachuo
3	Sendai City Izumi Ward	11	Tagajo City Geba	19	Kawasaki Town Hasekura
4	Sendai City Aoba Ward	12	Iwanu City Fukiage	20	Marumori Town Hippo
5	Sendai City Miyagino Ward	13	Kurihara City Tsukidate	21	Watari Town Iwaida
6	Ishinomaki City Kitamura	14	Zao Town Miya	22	Yamamoto Town Sakamoto
7	Shiogama City Minaminishiki Town	15	Shichikashuku Town Seki	23	Shichigahama Town Yoshidahama
8	Shiroishi City Fukuokanagabukuro	16	Ogawara Town Kanagase	24	Rifu Town Sugaya

No.	District	Sampling Date	Activity concentration (Bq/L)				Remarks
			Cs		Sr		
			Cs-134	Cs-137	Sr-89	Sr-90	
1	Nihonmatsu City Satsuki Town	2015/7/14	ND	ND	—	—	
2	Nihonmatsu City Shimokawasaki	2015/7/13	ND	ND	—	—	
3	Nihonmatsu City Kamikawasaki	2015/7/13	ND	ND	—	—	
4	Nihonmatsu City Narita	2015/7/14	ND	ND	—	—	
5	Date City Yanagawa Town Yamafunyu	2014/7/7	ND	ND	—	—	
6	Date City Hobara Town Tomizawa	2015/7/8	ND	ND	—	—	
7	Date City Hobara Town Tomizawa	2015/7/8	ND	ND	—	—	
8	Date City Hobara Town Tomizawa	2015/7/8	ND	ND	—	—	
9	Date City Hobara Town Tomizawa	2015/7/8	ND	ND	—	—	
10	Date City Hobara Town Tomizawa	2015/7/8	ND	ND	—	—	
11	Date City Hobara Town Tomizawa	2015/7/8	ND	ND	—	—	
12	Date City Hobara Town Tomizawa	2015/7/8	ND	ND	—	—	
13	Date City Hobara Town Tomizawa	2015/7/8	ND	ND	—	—	
14	Date City Hobara Town Takanarita	2015/7/8	ND	ND	—	—	
15	Date City Ryozen Town Kamioguni	2015/7/8	ND	ND	—	—	
16	Date City Ryozen Town Kamioguni	2015/7/8	ND	ND	—	—	
17	Date City Ryozen Town Ishida	2015/7/9	ND	ND	—	—	
18	Date City Ryozen Town Ishida	2015/7/9	ND	ND	—	—	
19	Date City Ryozen Town Ishida	2015/7/9	ND	ND	—	—	
20	Date City Tsukidate Town Tsukidate	2015/7/9	ND	ND	—	—	
21	Date City Tsukidate Town Tsukidate	2015/7/9	ND	ND	—	—	
22	Date City Tsukidate Town Tsukidate	2015/7/9	ND	ND	—	—	
23	Date City Tsukidate Town Tsukidate	2015/7/9	ND	ND	—	—	
24	Date City Tsukidate Town Nunokawa	2015/7/9	ND	ND	—	—	
25	Soma City Higashitamano	2015/7/9	ND	ND	—	—	
26	Soma City Tamano	2015/7/9	ND	ND	—	—	
27	Soma City Yamakami	2015/7/7	ND	ND	—	—	
28	Soma City Yamakami	2015/7/7	ND	ND	—	—	
29	Soma City Tomizawa	2015/7/10	ND	ND	—	—	
30	Soma City Shiinoki	2015/7/7	ND	ND	—	—	
31	Soma City Dozuki	2015/7/7	ND	ND	—	—	
32	Shinchi Town Fukuda	2015/7/7	ND	ND	—	—	
33	Shinchi Town Yachigoya	2015/7/7	ND	ND	—	—	
34	Shinchi Town Mayumi	2015/7/7	ND	ND	—	—	
35	Motomiya City Niita	2015/7/14	ND	ND	—	—	
36	Kori Town Kitahanda	2014/7/7	ND	ND	—	—	
37	Kuni Town Fujita	2014/7/7	ND	ND	—	—	
38	Kawamata Town Yamakiya	2015/7/13	ND	ND	—	—	Areas being prepared for removal of evacuation orders
39	Kawamata Town Yamakiya	2015/7/15	ND	ND	—	—	Areas being prepared for removal of evacuation orders
40	Kawamata Town Kotsunagi	2015/7/13	ND	ND	—	—	
41	Kawamata Town Kotsunagi	2015/7/13	ND	ND	—	—	
42	Kawamata Town Kotsunagi	2015/7/13	ND	ND	—	—	
43	Kawamata Town Kotsunagi	2015/7/13	ND	ND	—	—	
44	Kawamata Town Kotsunagi	2015/7/13	ND	ND	—	—	
45	Otama Village Oyama	2015/7/14	ND	ND	—	—	
46	Tamura City Takine Town Kanmata	2015/7/16	ND	ND	—	—	
47	Tamura City Takine Town Hirose	2015/7/16	ND	ND	—	—	
48	Tamura City Ogoe Town Magino	2015/7/16	ND	ND	—	—	
49	Tamura City Ogoe Town Shimo-ogoe	2015/7/16	ND	ND	—	—	
50	Tamura City Miyakojii Town Iwaizawa	2014/7/15	ND	ND	—	—	
51	Tamura City Miyakojii Town Iwaizawa	2015/7/17	ND	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
			Cs		Sr		
			Cs-134	Cs-137	Sr-89	Sr-90	
52	Tamura City Miyakoji Town Furumichi	2015/7/14	ND	ND	ND	ND	
53	Tamura City Miyakoji Town Furumichi	2015/7/15	ND	ND	ND	ND	
54	Tamura City Tokiwa Town	2015/7/16	ND	ND	—	—	
55	Tamura City Funehiki Town Okura	2015/7/14	ND	ND	—	—	
56	Tamura City Funehiki Town Nakayama	2015/7/17	ND	ND	ND	ND	
57	Tamura City Funehiki Town Funehiki	2015/7/14	ND	ND	—	—	
58	Sukagawa City Namegawa	2015/7/8	ND	ND	—	—	
59	Sukagawa City Ogura	2015/7/7	ND	ND	—	—	
60	Sukagawa City Tategaoka	2014/7/8	ND	ND	—	—	
61	Sukagawa City Hokotuski	2014/7/8	ND	ND	—	—	
62	Sukagawa City Konaka	2014/7/8	ND	ND	—	—	
63	Sukagawa City Hatada	2014/7/8	ND	ND	—	—	
64	Kagamiishi Town Suwa Town	2015/7/8	ND	ND	—	—	
65	Kagamiishi Town Okanouchi	2015/7/8	ND	ND	—	—	
66	Tenei Village Itoyo	2015/7/8	ND	ND	—	—	
67	Tenei Village Tarao	2015/7/9	ND	ND	—	—	
68	Ishikawa Town Yanomeda	2015/7/7	ND	ND	—	—	
69	Ishikawa Town Nakada	2015/7/7	ND	ND	—	—	
70	Tamakawa Village Odaka	2015/7/8	ND	ND	—	—	
71	Tamakawa Village Yotsujishinden	2015/7/7	ND	ND	—	—	
72	Hirarta Village Nagata	2015/7/7	ND	ND	—	—	
73	Hirarta Village Tonoko	2015/7/7	ND	ND	—	—	
74	Asakawa Town Shiraiishi	2015/7/7	ND	ND	—	—	
75	Furudono Town Takanuki	2015/7/7	ND	ND	—	—	
76	Furudono Town Yamakami	2015/7/7	ND	ND	—	—	
77	Miharu Town Serigasawa	2015/7/14	ND	ND	—	—	
78	Miharu Town Shimomogi	2015/7/14	ND	ND	—	—	
79	Ono Town Ukigane	2015/7/16	ND	ND	—	—	
80	Ono Town Ononii Town	2015/7/16	ND	ND	—	—	
81	Shirakawa City Aizu Town	2015/7/9	ND	ND	—	—	
82	Shirakawa City Omotegonaimatsu	2015/7/9	ND	ND	—	—	
83	Shirakawa City Higashi-Shimonodejima	2015/7/7	ND	ND	—	—	
84	Shirakawa City Taishinshimokoya	2015/7/8	ND	ND	—	—	
85	Nishigo Village Tsuryu	2015/7/9	ND	ND	—	—	
86	Izumizaki Village Fumase	2015/7/8	ND	ND	—	—	
87	Nakajima Village Nametsu	2015/7/8	ND	ND	—	—	
88	Yabuki Town Akebono Town	2015/7/8	ND	ND	—	—	
89	Tanagura Town Yamagiwa	2015/7/9	ND	ND	—	—	
90	Yamatsuri Town Houzaka	2015/7/9	ND	ND	—	—	
91	Hanawa Town Kawakami	2015/7/9	ND	ND	—	—	
92	Samegawa Village Akasaka Higashino	2015/7/9	ND	ND	—	—	
93	Aizuwakamatsu City Naka Town	2015/7/15	ND	ND	—	—	
94	Kitakata City Matsuyama Village Oiizaka	2015/8/20	ND	ND	—	—	
95	Kitashiobara Village Sekiya	2015/7/15	ND	ND	—	—	
96	Nishiaizu Town Nozawa	2015/7/16	ND	ND	—	—	
97	Bandai Town Otani	2015/7/16	ND	ND	—	—	
98	Inawashiro Town Yamagata	2015/7/15	ND	ND	—	—	
99	Aizubange Town Tatenoshita	2015/7/15	ND	ND	—	—	
100	Yukawa Village Hamazaki	2015/7/16	ND	ND	—	—	
101	Yanaizu Town Fuji	2015/7/15	ND	ND	—	—	
102	Mishima Town Kuwanohara	2015/7/14	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
			Cs		Sr		
			Cs-134	Cs-137	Sr-89	Sr-90	
103	Kaneyama Town Honna	2015/7/14	ND	ND	—	—	
104	Showa Village Shimonakatsukawa	2015/7/15	ND	ND	—	—	
105	Aizumisato Town Takada	2015/7/15	ND	ND	—	—	
106	Tadami Town Sakata	2015/7/14	ND	ND	—	—	
107	Minamiaizu Town Mizuhiki Settlement	2015/7/14	ND	ND	—	—	
108	Shimogo Town Toyonari	2015/7/14	ND	ND	—	—	
109	Minamisoma City Kashima Ward Jisabara	2015/7/10	ND	ND	—	—	
110	Minamisoma City Kashima Ward Kanitochikubo	2015/7/10	ND	ND	—	—	
111	Minamisoma City Haramachi Ward Okido	2015/7/10	ND	ND	—	—	
112	Minamisoma City Haramachi Ward Okido	2015/7/10	ND	ND	—	—	
113	Futaba Town Morotake	2015/7/16	ND	ND	ND	ND	Areas being prepared for removal of evacuation orders
114	Minamisoma City Haramachi Ward Shidazawa	2015/7/10	ND	ND	—	—	
115	Minamisoma City Haramachi Ward Fukono	2015/7/10	ND	ND	—	—	
116	Minamisoma City Haramachi Ward Ota	2015/7/10	ND	ND	—	—	
117	Minamisoma City Odaka Ward Otomi	2015/7/16	ND	ND	ND	ND	Areas being prepared for removal of evacuation orders
118	Minamisoma City Odaka Ward Koyagi	2015/7/16	ND	ND	—	—	Areas being prepared for removal of evacuation orders
119	Hirono Town Shimokitaba	2015/7/1	ND	ND	—	—	
120	Hirono Town Kamiasamigawa	2015/7/1	ND	ND	—	—	
121	Hirono Town Oriki	2015/7/1	ND	ND	—	—	
122	Hirono Town Oriki	2015/7/1	ND	ND	—	—	
123	Hirono Town Kamikitaba	2015/7/1	ND	ND	—	—	
124	Naraha Town Oya	2015/7/21	ND	ND	—	—	Areas being prepared for removal of evacuation orders
125	Naraha Town Oya	2015/7/15	ND	ND	—	—	
126	Naraha Town Kamikobana	2015/7/21	ND	ND	—	—	Areas being prepared for removal of evacuation orders
127	Naraha Town Kamikobana	2015/7/21	ND	ND	—	—	Areas being prepared for removal of evacuation orders
128	Naraha Town Kamikobana	2015/7/15	ND	ND	—	—	Areas being prepared for removal of evacuation orders
129	Naraha Town Yamadaoka	2015/7/15	ND	ND	—	—	
130	Naraha Town Shimokobana	2015/7/15	ND	ND	—	—	Areas being prepared for removal of evacuation orders
131	Naraha Town Kamishigeoka	2015/7/15	ND	ND	ND	ND	Areas being prepared for removal of evacuation orders
132	Tomioka Town Motooka	2015/7/21	ND	ND	ND	ND	Uninhabitable areas
133	Tomioka Town Motooka	2015/7/21	ND	ND	—	—	Uninhabitable areas
134	Tomioka Town Motooka	2015/7/21	ND	ND	—	—	Uninhabitable areas
135	Kawauchi Village Shimokawauchi	2015/7/15	ND	ND	—	—	
136	Kawauchi Village Shimokawauchi	2015/7/15	ND	ND	—	—	
137	Kawauchi Village Kamikawauchi	2015/7/15	ND	ND	—	—	
138	Kawauchi Village Kamikawauchi	2015/7/15	ND	ND	—	—	
139	Okuma Town Kuma	2015/8/6	ND	ND	ND	ND	Areas remaining off-limits for the foreseeable future
140	Okuma Town Nogami	2015/8/6	ND	ND	—	—	Areas remaining off-limits for the foreseeable future
141	Okuma Town Kuma	2015/8/6	ND	ND	ND	ND	Areas remaining off-limits for the foreseeable future
142	Okuma Town Ogawara	2015/7/15	ND	ND	—	—	Uninhabitable areas
143	Futaba Town Mizusawa	2015/7/16	ND	ND	ND	ND	Areas remaining off-limits for the foreseeable future
144	Futaba Town Shibukawa	2015/7/16	ND	ND	ND	ND	Areas remaining off-limits for the foreseeable future
145	Namie Town Onoda	2015/7/16	ND	ND	—	—	Uninhabitable areas
146	Namie Town Murohara	2015/7/16	ND	ND	—	—	Areas remaining off-limits for the foreseeable future
147	Namie Town Yatsuda	2015/7/16	ND	ND	ND	ND	Uninhabitable areas
148	Namie Town Obori	2015/7/16	ND	ND	ND	ND	Areas remaining off-limits for the foreseeable future
149	Katsurao Village Ochiai	2015/7/13	ND	ND	—	—	Areas being prepared for removal of evacuation orders
150	Katsurao Village Ochiai	2015/7/13	ND	ND	—	—	Areas being prepared for removal of evacuation orders
151	Katsurao Village Ochiai	2015/7/13	ND	ND	—	—	Areas being prepared for removal of evacuation orders
152	Katsurao Village Nogawa	2015/7/13	ND	ND	—	—	Areas being prepared for removal of evacuation orders
153	Katsurao Village Katsurao	2015/7/13	ND	ND	—	—	Uninhabitable areas

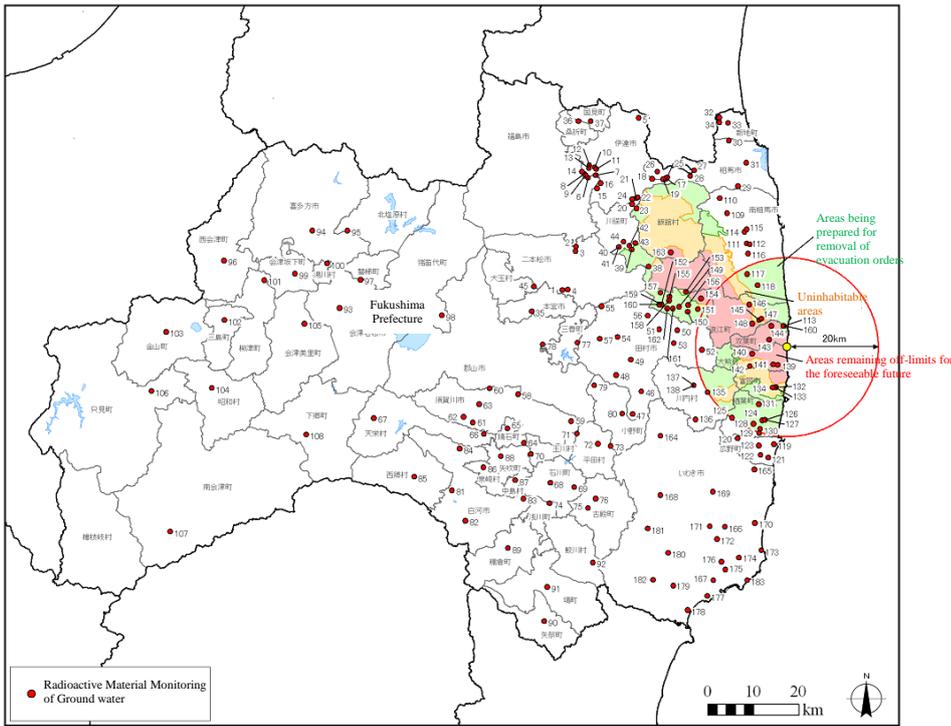
Note) Measurement results are indicated as ND when detected values were below the detection limit of activity concentrations (1 Bq/L).

(Map attached)

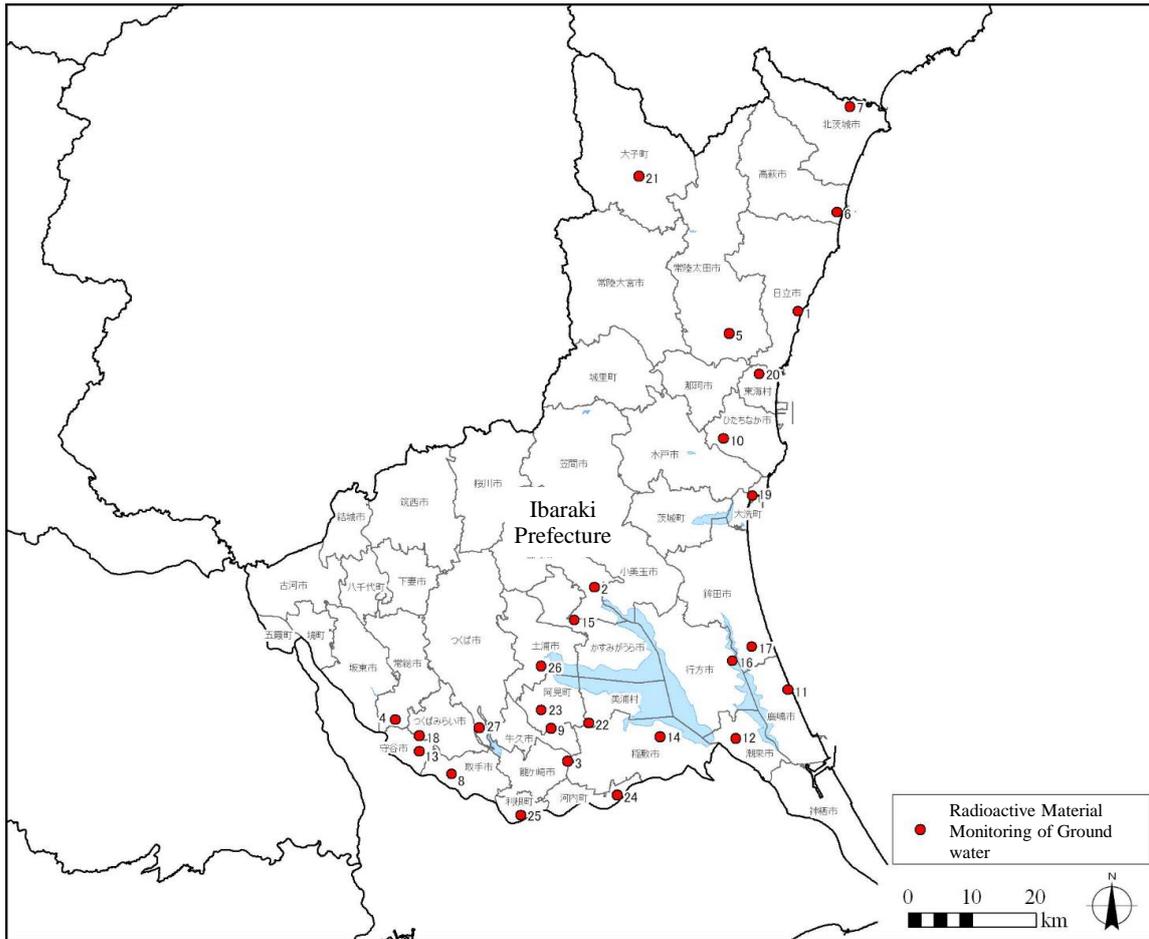
No.	District	Sampling Date	Activity concentration (Bq/L)				Remarks
			Cs		Sr		
			Cs-134	Cs-137	Sr-89	Sr-90	
154	Katsurao Village Katsurao	2015/7/13	ND	ND	ND	ND	Areas remaining off-limits for the foreseeable future
155	Katsurao Village Katsurao	2015/7/13	ND	ND	—	—	Areas being prepared for removal of evacuation orders
156	Katsurao Village Ochiai	2015/7/13	ND	ND	—	—	Areas being prepared for removal of evacuation orders
157	Katsurao Village Katsurao	2015/7/14	ND	ND	—	—	Areas being prepared for removal of evacuation orders
158	Katsurao Village Katsurao	2015/7/14	ND	ND	—	—	Areas being prepared for removal of evacuation orders
159	Katsurao Village Nogawa	2015/7/14	ND	ND	—	—	Areas being prepared for removal of evacuation orders
160	Katsurao Village Nogawa	2015/7/14	ND	ND	—	—	Areas being prepared for removal of evacuation orders
161	Katsurao Village Nogawa	2015/7/14	ND	ND	—	—	Areas being prepared for removal of evacuation orders
162	Katsurao Village Nogawa	2015/7/14	ND	ND	—	—	Areas being prepared for removal of evacuation orders
163	Iitate Village Nagadoro	2015/7/8	ND	ND	—	—	Areas remaining off-limits for the foreseeable future
164	Iwaki City Kawamae Town	2015/7/2	ND	ND	—	—	
165	Iwaki City Ohisa Town Ohisa	2015/7/3	ND	ND	—	—	
166	Iwaki City Taira	2015/7/1	ND	ND	—	—	
167	Iwaki City Izumi Town	2015/7/2	ND	ND	—	—	
168	Iwaki City Miwa Town	2015/7/2	ND	ND	—	—	
169	Iwaki City Ogawa Town	2015/7/2	ND	ND	—	—	
170	Iwaki City Tairashimokabeya	2015/7/1	ND	ND	—	—	
171	Iwaki City Yoshima Town	2015/7/2	ND	ND	—	—	
172	Iwaki City Uchigotsuzura Town	2015/7/1	ND	ND	—	—	
173	Iwaki City Tairanumanouchi	2015/7/1	ND	ND	—	—	
174	Iwaki City Kashima Town	2015/7/1	ND	ND	—	—	
175	Iwaki City Onahama	2015/7/1	ND	ND	—	—	
176	Iwaki City Joban	2015/7/1	ND	ND	—	—	
177	Iwaki City Obama Town	2015/7/2	ND	ND	—	—	
178	Iwaki City Nishiki Town	2015/7/2	ND	ND	—	—	
179	Iwaki City Yamada Town	2015/7/2	ND	ND	—	—	
180	Iwaki City Tono Town Katono	2015/7/2	ND	ND	—	—	
181	Iwaki City Iritono	2015/7/2	ND	ND	—	—	
182	Iwaki City Tabito Town	2015/7/2	ND	ND	—	—	
183	Iwaki City Nagasaki	2015/7/1	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	No.	District	No.	District	No.	District	No.	District
1	Nihonmatsu City Satsuki Town	38	Kawamata Town Yamakiya	75	Furudono Town Takanuki	112	Minamisoma City Haramachi Ward Okido	149	Katsurao Village Ochiai
2	Nihonmatsu City Shimokawasaki	39	Kawamata Town Yamakiya	76	Furudono Town Yamakami	113	Futaba Town Morotake	150	Katsurao Village Ochiai
3	Nihonmatsu City Kamikawasaki	40	Kawamata Town Kotsunagi	77	Miharu Town Serigasawa	114	Minamisoma City Haramachi Ward Shidazawa	151	Katsurao Village Ochiai
4	Nihonmatsu City Narita	41	Kawamata Town Kotsunagi	78	Miharu Town Shimomogi	115	Minamisoma City Haramachi Ward Fukono	152	Katsurao Village Nogawa
5	Date City Yanagawa Town Yamafunyu	42	Kawamata Town Kotsunagi	79	Ono Town Ukigane	116	Minamisoma City Haramachi Ward Ota	153	Katsurao Village Katsurao
6	Date City Hobara Town Tomizawa	43	Kawamata Town Kotsunagi	80	Ono Town Ononii Town	117	Minamisoma City Odaka Ward Otomi	154	Katsurao Village Katsurao
7	Date City Hobara Town Tomizawa	44	Kawamata Town Kotsunagi	81	Shirakawa City Aizu Town	118	Minamisoma City Odaka Ward Koyagi	155	Katsurao Village Katsurao
8	Date City Hobara Town Tomizawa	45	Otama Village Oyama	82	Shirakawa City Omotegonaimatsu	119	Hirono Town Shimokitaba	156	Katsurao Village Ochiai
9	Date City Hobara Town Tomizawa	46	Tamura City Takine Town Kanmata	83	Shirakawa City Higashi-Shimodejima	120	Hirono Town Kamiasamigawa	157	Katsurao Village Katsurao
10	Date City Hobara Town Tomizawa	47	Tamura City Takine Town Hirose	84	Shirakawa City Taishinshimokoya	121	Hirono Town Oriki	158	Katsurao Village Katsurao
11	Date City Hobara Town Tomizawa	48	Tamura City Ogoe Town Magino	85	Nishigo Village Tsuryu	122	Hirono Town Oriki	159	Katsurao Village Nogawa
12	Date City Hobara Town Tomizawa	49	Tamura City Ogoe Town Shimo-ogoe	86	Izumizaki Village Fumase	123	Hirono Town Kamikitaba	160	Katsurao Village Nogawa
13	Date City Hobara Town Tomizawa	50	Tamura City Miyakojji Town Iwaizawa	87	Nakajima Village Nametsu	124	Naraha Town Oya	161	Katsurao Village Nogawa
14	Date City Hobara Town Takanarita	51	Tamura City Miyakojji Town Iwaizawa	88	Yabuki Town Akebono Town	125	Naraha Town Oya	162	Katsurao Village Nogawa
15	Date City Ryozen Town Kamioguni	52	Tamura City Miyakoji Town Furumichi	89	Tanagura Town Yamagiwa	126	Naraha Town Kamikobana	163	Iitate Village Nagadoro
16	Date City Ryozen Town Kamioguni	53	Tamura City Miyakoji Town Furumichi	90	Yamatsuri Town Houzaka	127	Naraha Town Kamikobana	164	Iwaki City Kawamae Town
17	Date City Ryozen Town Ishida	54	Tamura City Tokiwa Town	91	Hanawa Town Kawakami	128	Naraha Town Kamikobana	165	Iwaki City Ohisa Town Ohisa
18	Date City Ryozen Town Ishida	55	Tamura City Funehiki Town Okura	92	Samegawa Village Akasaka Higashino	129	Naraha Town Yamadaoka	166	Iwaki City Taira
19	Date City Ryozen Town Ishida	56	Tamura City Funehiki Town Nakayama	93	Aizuwakamatsu City Naka Town	130	Naraha Town Shimokobana	167	Iwaki City Izumi Town
20	Date City Tsukidate Town Tsukidate	57	Tamura City Funehiki Town Funehiki	94	Kitakata City Matsuyama Village Oiizaka	131	Naraha Town Kamishigeoka	168	Iwaki City Miwa Town
21	Date City Tsukidate Town Tsukidate	58	Sukagawa City Namegawa	95	Kitashiobara Village Sekiya	132	Tomioaka Town Motooka	169	Iwaki City Ogawa Town
22	Date City Tsukidate Town Tsukidate	59	Sukagawa City Ogura	96	Nishiaizu Town Nozawa	133	Tomioaka Town Motooka	170	Iwaki City Tairashimokabeya
23	Date City Tsukidate Town Tsukidate	60	Sukagawa City Tategaoka	97	Bandai Town Otani	134	Tomioaka Town Motooka	171	Iwaki City Yoshima Town
24	Date City Tsukidate Town Nunokawa	61	Sukagawa City Hokotuski	98	Inawashiro Town Yamagata	135	Kawauchi Village Shimokawauchi	172	Iwaki City Uchigotsuzura Town
25	Soma City Higashitamano	62	Sukagawa City Konaka	99	Aizubange Town Tatenoshita	136	Kawauchi Village Shimokawauchi	173	Iwaki City Tairanumanouchi
26	Soma City Tamano	63	Sukagawa City Hatada	100	Yukawa Village Hamazaki	137	Kawauchi Village Kamikawauchi	174	Iwaki City Kashima Town
27	Soma City Yamakami	64	Kagamiishi Town Suwa Town	101	Yanaizu Town Fuji	138	Kawauchi Village Kamikawauchi	175	Iwaki City Onahama
28	Soma City Yamakami	65	Kagamiishi Town Okanouchi	102	Mishima Town Kuwanohara	139	Okuma Town Kuma	176	Iwaki City Joban
29	Soma City Tomizawa	66	Tenei Village Itoyo	103	Kaneyama Town Honna	140	Okuma Town Nogami	177	Iwaki City Obama Town
30	Soma City Shiinoki	67	Tenei Village Tarao	104	Showa Village Shimonakatsukawa	141	Okuma Town Kuma	178	Iwaki City Nishiki Town
31	Soma City Dozuki	68	Ishikawa Town Yanomeda	105	Aizumisato Town Takada	142	Okuma Town Ogawara	179	Iwaki City Yamada Town
32	Shinchi Town Fukuda	69	Ishikawa Town Nakada	106	Tadami Town Sakata	143	Futaba Town Mizusawa	180	Iwaki City Tono Town Katono
33	Shinchi Town Yachigoya	70	Tamakawa Village Odaka	107	Minamiaizu Town Mizuhiki Settlement	144	Futaba Town Shibukawa	181	Iwaki City Iritono
34	Shinchi Town Mayumi	71	Tamakawa Village Yottsujishinden	108	Shimogo Town Toyonari	145	Namie Town Onoda	182	Iwaki City Tabito Town
35	Motomiya City Niita	72	Hirarta Village Nagata	109	Minamisoma City Kashima Ward Jisabara	146	Namie Town Murohara	183	Iwaki City Nagasaki
36	Kori Town Kitahanda	73	Hirarta Village Tonoko	110	Minamisoma City Kashima Ward Kamitochikubo	147	Namie Town Yatsuda		
37	Kuni Town Fujita	74	Asakawa Town Shiraitshi	111	Minamisoma City Haramachi Ward Okido	148	Namie Town Obori		



No.	District	No.	District	No.	District
1	Hitachi City Higashi-Narusawa Town	10	Hitachinaka City Horiguchi	19	Oarai Town Onuki Town
2	Ishioka City Oyatsu	11	kashima City Tsunoore	20	Tokai Village Ishigamiuchijuku
3	Ryugasaki City Itabashi Town	12	Itako City Shimasu	21	Daigo Town Kitatage
4	Joso City Uchimoriya Town	13	Moriya City Hon Town	22	Miho Village
5	Hitachiota City Kanai Town	14	Inashiki City Sukazu	23	Ami Town Kaminaga
6	Takahagi City Yamato Town	15	Kasumigaura City Shimoinayoshi	24	Kawachi Town Kanaetsu
7	Kitaibarak City Sekimoto Town Fujigaoka	16	Namegata City Yamada	25	Tone Town Fukawa
8	Toride City Terada	17	Hokota City Okura	26	Tsuchiura City Komatsu
9	Ushiku City Kuno Town	18	Tsukubamirai City Tsutsudo	27	Tsukuba City Iwasaki

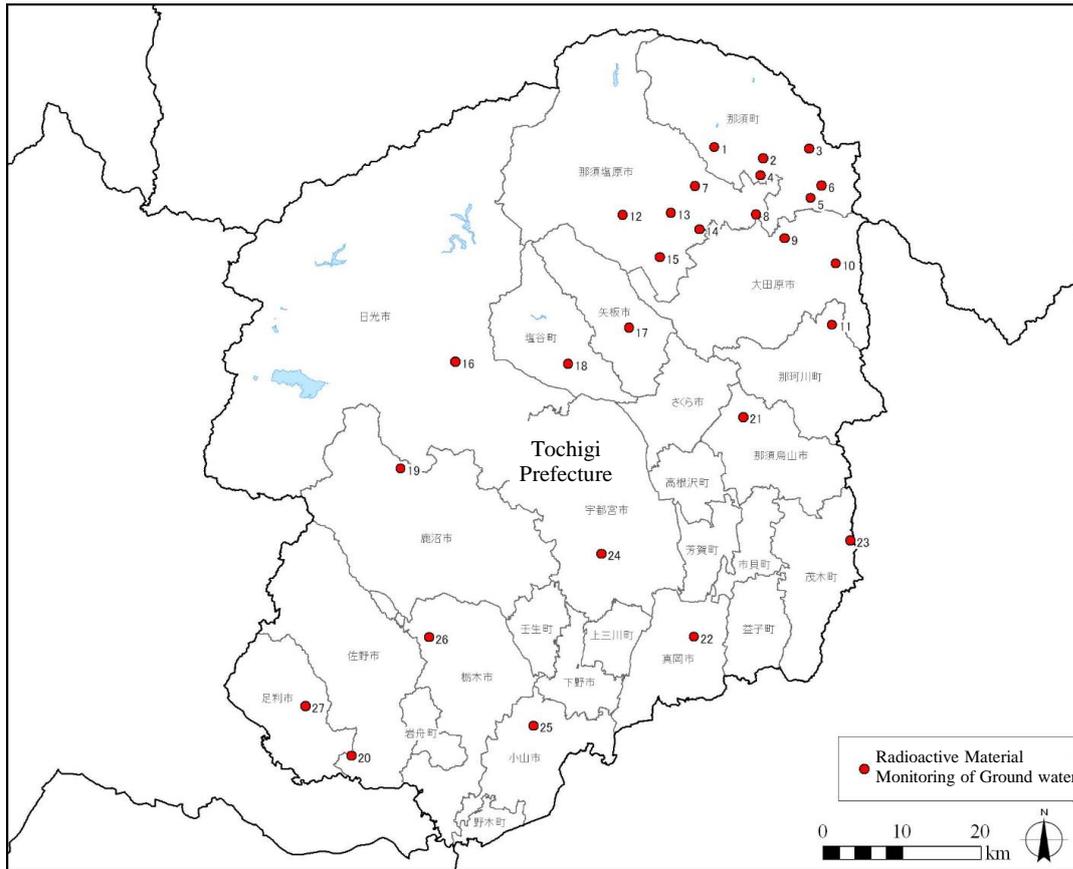
Results of Groundwater Monitoring [Tochigi Prefecture]

(Annex 5)

No.	District	Sampling Date	Activity concentration (Bq/L)		Remarks
			Cs-134	Cs-137	
1	Nasu Town Takakuko	2015/6/23	ND	ND	
2	Nasu Town Terakotsu	2015/6/24	ND	ND	
3	Nasu Town Yokoka	2015/6/24	ND	ND	
4	Nasu Town Terakotsu	2015/6/24	ND	ND	
5	Nasu Town Owasu	2015/6/24	ND	ND	
6	Nasu Town Azusa	2015/6/24	ND	ND	
7	Nasushiobara City Sakitama	2015/6/23	ND	ND	
8	Nasushiobara City Nabekake	2015/6/23	ND	ND	
9	Otawara City Nakanouchi	2015/6/24	ND	ND	
10	Otawara City Kawakami	2015/6/24	ND	ND	
11	Nakagawa Town Oyamada Kamigo	2015/6/24	ND	ND	
12	Nasushiobara City Shimotano	2015/6/23	ND	ND	
13	Nasushiobara City Sasanuma	2015/6/23	ND	ND	
14	Nasushiobara City Numanotawa	2015/6/23	ND	ND	
15	Nasushiobara City Nishimishima	2015/6/23	ND	ND	
16	Nikko City Kobayaku	2015/6/23	ND	ND	
17	Yaita City Honcho Town	2015/6/23	ND	ND	
18	Shioya Town Iioka	2015/6/23	ND	ND	
19	Kanuma City Kusagyu	2015/6/22	ND	ND	
20	Sano City Murakami Town	2015/6/16	ND	ND	
21	Nasukarasuyama City Shimokawai	2015/6/24	ND	ND	
22	Moka City Higashigo	2015/6/22	ND	ND	
23	Motegi Town Iino	2015/6/24	ND	ND	
24	Utsunomiya City Yanaze Town	2015/6/22	ND	ND	
25	Oyama City Shimada	2015/6/22	ND	ND	
26	Tochigi City Umenozawa Town	2015/6/22	ND	ND	
27	Ashikaga City Sugeta Town	2015/6/16	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	No.	District	No.	District
1	Nasu Town Takakuko	10	Otawara City Kawakami	19	Kanuma City Kusagyu
2	Nasu Town Terakotsu	11	Nakagawa Town Oyamada Kamigo	20	Sano City Murakami Town
3	Nasu Town Yokoka	12	Nasushiobara City Shimotano	21	Nasukarasuyama City Shimokawai
4	Nasu Town Terakotsu	13	Nasushiobara City Sasanuma	22	Moka City Higashigo
5	Nasu Town Owasu	14	Nasushiobara City Numanotawa	23	Motegi Town Iino
6	Nasu Town Azusa	15	Nasushiobara City Nishimishima	24	Utsunomiya City Yanaze Town
7	Nasushiobara City Sakitama	16	Nikko City Kobyaku	25	Oyama City Shimada
8	Nasushiobara City Nabekake	17	Yaita City Honcho Town	26	Tochigi City Umenozawa Town
9	Otawara City Nakanouchi	18	Shioya Town Iioka	27	Ashikaga City Sugeta Town

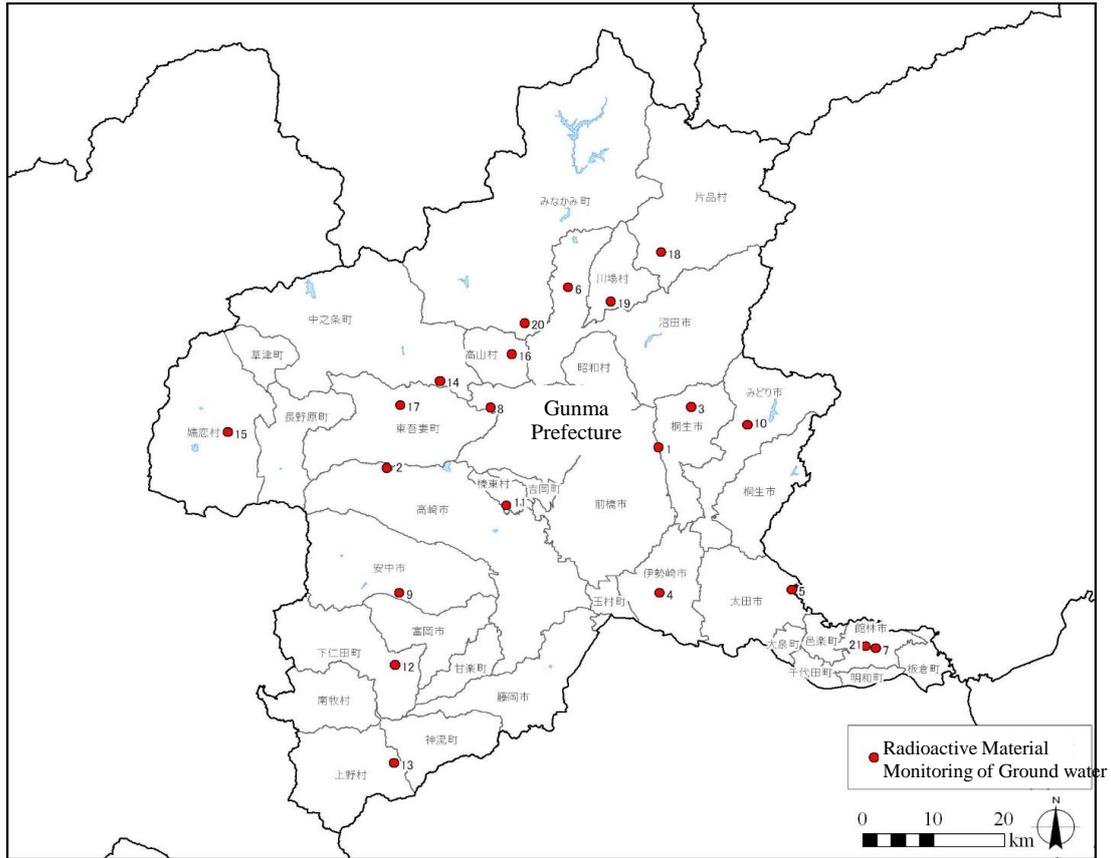
Results of Groundwater Monitoring [Gunma Prefecture]

(Annex 6)

No.	District	Sampling Date	Activity concentration (Bq/L)		Remarks
			Cs-134	Cs-137	
1	Maebashi City Kasukawa Town Nakanosawa	2015/6/16	ND	ND	
2	Takasaki City Kurabu Town Gonda	2015/6/17	ND	ND	
3	Kiryu City Kurohone Town Shimotazawa	2015/6/30	ND	ND	
4	Isesaki City Imaizumi Town	2015/6/17	ND	ND	
5	Ota City Uekino Town	2015/6/17	ND	ND	
6	Numata City Sayama Town	2015/6/18	ND	ND	
7	Tatebayashi City Shiro Town	2015/6/16	ND	ND	
8	Shibukawa City Onoko	2015/6/17	ND	ND	
9	Annaka City Matsuida Town Yashiro	2015/7/10	ND	ND	
10	Midori City Azuma Town Konaka	2015/7/29	ND	ND	
11	Shinto Village Hirobaba	2015/6/17	ND	ND	
12	Shimonita Town Shimonita	2015/7/10	ND	ND	
13	Ueno Village Katsuyama	2015/7/10	ND	ND	
14	Nakajyo Town Ise Town	2015/6/18	ND	ND	
15	Tsumagoi Village Omae	2015/6/18	ND	ND	
16	Takayama Village Nakayama	2015/6/18	ND	ND	
17	Higashi-Agatsuma Town Gobara	2015/6/18	ND	ND	
18	Katashina Village Hanasaku	2015/6/18	ND	ND	
19	Kawaba Village Nakano	2015/6/18	ND	ND	
20	Minakami Town Shimozu	2015/6/18	ND	ND	
21	Tatebayashi City Hon Town	2015/6/16	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	No.	District	No.	District
1	Maebashi City Kasukawa Town Nakanosawa	8	Shibukawa City Onoko	15	Tsumagoi Village Omae
2	Takasaki City Kurabu Town Gonda	9	Annaka City Matsuida Town Yashiro	16	Takayama Village Nakayama
3	Kiryu City Kurohone Town Shimotazawa	10	Midori City Azuma Town Konaka	17	Higashi-Agatsuma Town Gobara
4	Isesaki City Imaizumi Town	11	Shinto Village Hirobaba	18	Katashina Village Hanasaku
5	Ota City Uekino Town	12	Shimonita Town Shimonita	19	Kawaba Village Nakano
6	Numata City Sayama Town	13	Ueno Village Katsuyama	20	Minakami Town Shimozu
7	Tatebayashi City Shiro Town	14	Nakajyo Town Ise Town	21	Tatebayashi City Hon Town

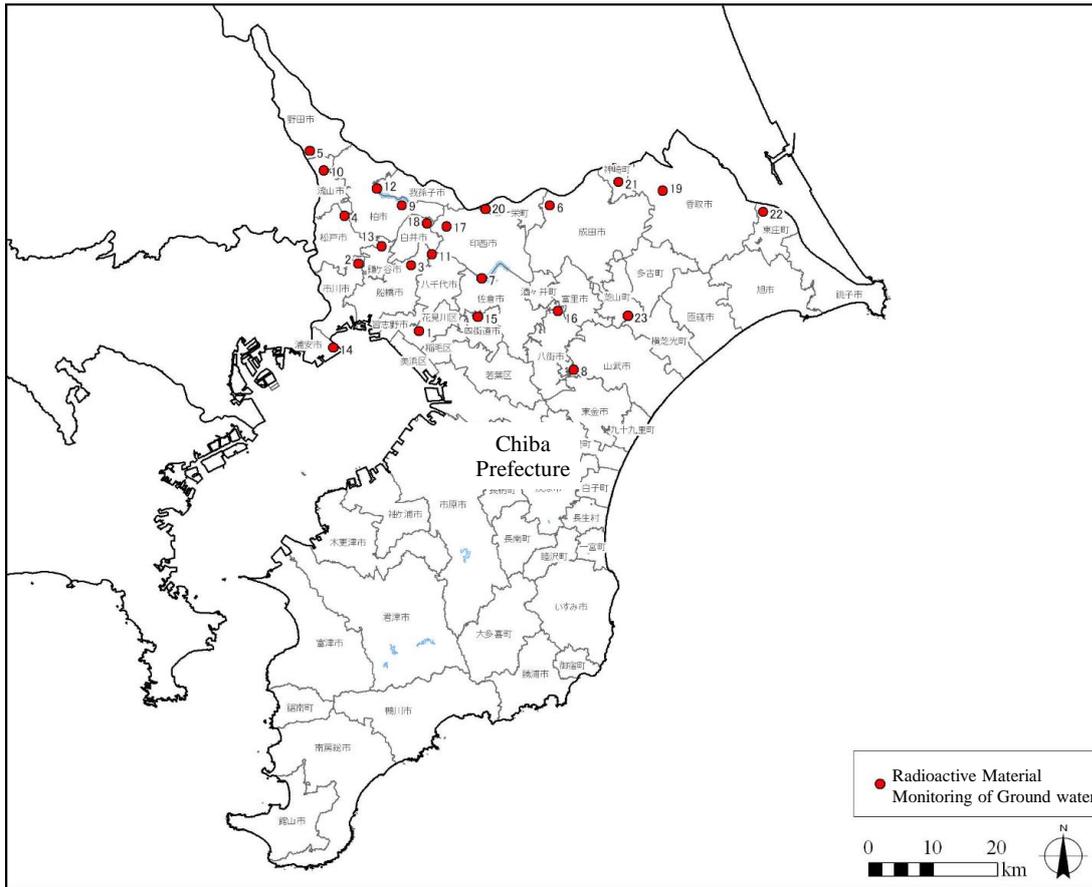
Results of Groundwater Monitoring [Chiba Prefecture]

(Annex 7)

No.	District	Sampling Date	Activity concentration (Bq/L)		Remarks
			Cs-134	Cs-137	
1	Chiba City Hanamigawa Ward Hata Town	2015/6/17	ND	ND	
2	Ichikawa City Omachi Town	2015/6/19	ND	ND	
3	Funabashi City Jinbo Town	2015/6/16	ND	ND	
4	Matsudo City Negiuchi	2015/6/19	ND	ND	
5	Noda City Imagami	2015/6/18	ND	ND	
6	Narita City Kitahadori	2015/6/29	ND	ND	
7	Sakura City Usuita	2015/6/17	ND	ND	
8	Togane City Kamifuda	2015/6/17	ND	ND	
9	Kashiwa City Washinoya	2015/6/19	ND	ND	
10	Nagareyama City Mihara	2015/6/18	ND	ND	
11	Yachiyo City Koike	2015/6/16	ND	ND	
12	Abiko City Funado	2015/6/19	ND	ND	
13	Kamagaya City Awano	2015/6/19	ND	ND	
14	Urayasu City Hinode	2015/6/17	ND	ND	
15	Yotsukaido City Uchikuroda	2015/6/17	ND	ND	
16	Yachimata City Yachimataha	2015/6/29	ND	ND	
17	Inzai City Ogura	2015/6/16	ND	ND	
18	Shiroishi City Hiratsuka	2015/6/16	ND	ND	
19	Katori City Osaki	2015/6/23	ND	ND	
20	Sakae Town Nishi	2015/6/23	ND	ND	
21	Kanzaki Town Tachino	2015/6/23	ND	ND	
22	Tonosyo Town Sasagawai	2015/6/23	ND	ND	
23	Shibayama Town Shibayama	2015/6/17	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	No.	District	No.	District
1	Chiba City Hanamigawa Ward Hata Town	9	Kashiwa City Washinoya	17	Inzai City Ogura
2	Ichikawa City Omachi Town	10	Nagareyama City Mihara	18	Shiroishi City Hiratsuka
3	Funabashi City Jinbo Town	11	Yachiyo City Koike	19	Katori City Osaki
4	Matsudo City Negiuchi	12	Abiko City Funado	20	Sakae Town Nishi
5	Noda City Imagami	13	Kamagaya City Awano	21	Kanzaki Town Tachino
6	Narita City Kitahadori	14	Urayasu City Hinode	22	Tonosyo Town Sasagawai
7	Sakura City Usuita	15	Yotsukaido City Uchikuroda	23	Shibayama Town Shibayama
8	Togane City Kamifuda	16	Yachimata City Yachimataha		

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.