

Previous Data on the Radiation Level of Raw Water at Water Purification Plants of Tokyo Waterworks in April 2012

Raw water is tested with following frequency under the consideration of source water of each purification plant:

1. Main water purification plant representing a river system: once a week
2. Other main water purification plants: mostly once a month
3. Water purification plants using surface water, subsoil water, or shallow water in Tama Area: mostly once a month

1 Main Purification Plants representing a river system : Test once a week

(1) Kanamachi Purification Plant (Edogawa River)

(Bq/kg)

Sampling Date	Radioactive Iodine (Iodine 131)	Radioactive Cesium (Cesium 134)	Radioactive Cesium (Cesium 137)
2012/4/2	ND (Detection Limit 0.7)	ND (Detection Limit 0.7)	ND (Detection Limit 0.7)
2012/4/9	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)	ND (Detection Limit 1)
2012/4/16	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)
2012/4/23	ND (Detection Limit 0.6)	ND (Detection Limit 0.7)	ND (Detection Limit 0.6)
2012/4/30	ND (Detection Limit 0.8)	ND (Detection Limit 1)	ND (Detection Limit 0.9)

(2) Asaka Purification Plant (Arakawa River)

(Bq/kg)

Sampling Date	Radioactive Iodine (Iodine 131)	Radioactive Cesium (Cesium 134)	Radioactive Cesium (Cesium 137)
2012/4/3	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)	ND (Detection Limit 0.8)
2012/4/10	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)
2012/4/17	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)
2012/4/24	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)

(3) Ozaku Purification Plant (Tamagawa River)

Sampling Date	Radioactive Iodine (Iodine 131)	Radioactive Cesium (Cesium 134)	Radioactive Cesium (Cesium 137)
2012/4/4	ND (Detection Limit 0.7)	ND (Detection Limit 0.5)	ND (Detection Limit 0.8)
2012/4/11	ND (Detection Limit 0.7)	ND (Detection Limit 0.9)	ND (Detection Limit 0.9)
2012/4/18	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)
2012/4/25	ND (Detection Limit 0.7)	ND (Detection Limit 0.9)	ND (Detection Limit 0.9)

(4) Higashi-murayama Purification Plant (Tamagawa River)

Sampling Date	Radioactive Iodine (Iodine 131)	Radioactive Cesium (Cesium 134)	Radioactive Cesium (Cesium 137)
2012/4/5	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)
2012/4/12	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)
2012/4/19	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)	ND (Detection Limit 0.8)
2012/4/26	ND (Detection Limit 0.7)	ND (Detection Limit 0.9)	ND (Detection Limit 0.9)

(5) Nagasawa Purification Plant (Sagamigawa River)

Sampling Date	Radioactive Iodine (Iodine 131)	Radioactive Cesium (Cesium 134)	Radioactive Cesium (Cesium 137)
2012/4/6	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)
2012/4/13	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)

2012/4/20	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)
2012/4/27	ND (Detection Limit 0.7)	ND (Detection Limit 0.6)	ND (Detection Limit 0.6)

- 1 Sampling time : 9:00 A.M.
- 2 Testing institute: Water Quality Management Center
- 3 ND (Not detectable) : “Detection Limit” refers to the minimum detectable value. Radioactivity has the property wherein even using the same measurement device, the minimum level varies with the sample being measured. For example, a result of “ND (Detection Limit 2)” at X Purification Plant on a specific date means that the minimum measurement for that day’s sample was 2 Bq/kg, but the concentration of radioactive particles in the sample was less than 2 Bq/kg. Cases such as this are listed in the above chart as “ND”.

2 Other Main Purification Plants : Test mostly once a month

(Bq/kg)

Monitoring point (Water resource)	Samplin date	Radioactive Iodine (Iodine 131)	Radioactive Cesium (Cesium 134)	Radioactive Cesium (Cesium 137)
Kinutashimo (Tamagawa River)	2012/4/27	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)	ND (Detection Limit 1)
Misato (Edogawa River)	2012/4/30	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)

- 1 Sampling time : 9:00 A.M.
- 2 Testing institute: Water Quality Management Center
- 3 ND (Not detectable) : “Detection Limit” refers to the minimum detectable value. Radioactivity has the property wherein even using the same measurement device, the minimum level varies with the sample being measured. For example, a result of “ND (Detection Limit 2)” at X Purification Plant on a specific date means that the minimum measurement for that day’s sample was 2 Bq/kg, but the concentration of radioactive particles in the sample was less than 2 Bq/kg. Cases such as this are listed in the above chart as “ND”.

3 Water purification plants using surface water, subsoil water, or shallow water in Tama Area : Test mostly once a month

< surface water >

(Bq/kg)

Monitoring point (Adress)	Water resource	Sampling date	Radioactive Iodine (Iodine 131)	Radioactive Cesium (Cesium 134)	Radioactive Cesium (Cesium 137)
Tokura (261-2,Tokura, Akiruno city)	surface water (Bonbori River, Aki River)	2012/4/2	ND (Detection Limit 0.7)	ND (Detection Limit 0.6)	ND (Detection Limit 0.8)

Fukasawa (560-6,Fukasawa a, Akiruno city)	surface water (Fukasawa River)	2012/4/3	ND (Detection Limit 0.9)	ND (Detection Limit 0.6)	ND (Detection Limit 0.7)
Ogouchi (1310-10,Tozura -aza- Amehuri,Okuta ma town)	surface water (Kumoburo Valley)	2012/4/5	ND (Detection Limit 0.5)	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)
Otsu (1464-2,Otsu, Akiruno city)	surface water (Osawa River)	2012/4/10	ND (Detection Limit 0.6)	ND (Detection Limit 0.6)	ND (Detection Limit 0.7)
Himura (47,Sakai-aza- Himura, Okutama town)	surface water (Kawanori Valley)	2012/4/12	ND (Detection Limit 0.9)	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)
Hikawa (316,Hikawa-az a-ohikawa, Okutama town)	surface water (Kawanori Valley)	2012/4/15	ND (Detection Limit 0.9)	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)
Tanasawa (583-5,Tanasaw a-aza-kashiwan oki, Okutama town)	surface water (Nishi Creek)	2012/4/17	ND (Detection Limit 0.8)	ND (Detection Limit 0.7)	ND (Detection Limit 0.9)
Otaba (498,Otaba-a za- Okunakacha ya, Okutama town)	surface water (Otaba River)	2012/4/24	ND (Detection Limit 0.8)	ND (Detection Limit 0.7)	ND (Detection Limit 0.9)
Nippara (1055-5,Nipp ara-aza- Ogawa, Okutama town)	surface water (Karo Valley)	2012/4/25	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)

1 Testing institute: Water Quality Management Center

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< subsoil water >

(Bq/kg)

Monitoring point (Address)	Water resource	Sampling date	Radioactive Iodine (Iodine 131)	Radioactive Cesium (Cesium 134)	Radioactive Cesium (Cesium 137)
Nariki (7-1591-3,Nariki, Oume city)	subsoil water (Nariki River)	2012/4/4	ND (Detection Limit 0.9)	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)
Chigasedaini (1-69-1, Chigasemati,	subsoil water (Tamagawa	2012/4/8	ND (Detection Limit 0.7)	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)

Oume city)	River)				
Mitakesann (179-2,Mitakesann, Oume city)	subsoil water (Kajika Creek, Akuba Creek)	2012/4/9	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)
Sawaidaiichi (1-535-3,Sawai, Oume city)	subsoil water (Yakubo River)	2012/4/11	ND (Detection Limit 0.7)	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)
Hinatawada (2-370,Hinatawada, Oume city)	subsoil water (Tamagawa River)	2012/4/16	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)
Sawaidaini (3-667,Sawai, Oume city)	subsoil water (Aoi River)	2012/4/18	ND (Detection Limit 0.7)	ND (Detection Limit 0.7)	ND (Detection Limit 1)
Takatsuki (400, Takatsuki-cho, Hachioji city)	subsoil water (Aki River)	2012/4/22	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)
Futamatao (5-51-1,Futamatao, Oume city)	subsoil water (Hiramizo River)	2012/4/23	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)	ND (Detection Limit 0.9)

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< shallow well >

(Bq/kg)

Monitoring point (Adress)	Water resource	Sampling date	Radioactive Iodine (Iodine 131)	Radioactive Cesium (Cesium 134)	Radioactive Cesium (Cesium 137)
Kamiyotsugi (407, Kamiyotsugi, Akiruno city)	shallow well	2012/4/1	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)
Kamiishihara (1-34,Kamiishiha ra, Chofu city)	shallow well, deep well	2012/4/25	ND (Detection Limit 0.8)	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)
Suginami (3-28-5,Zenpukuji, Suginami ward)	shallow well	2012/4/26	ND (Detection Limit 0.8)	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)

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