

Previous Data on the Radiation Level of Raw Water at Water Purification Plants of Tokyo Waterworks in August 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 (Iodine131)	Radioactive Cesium (Cesium134)	Radioactive Cesium (Cesium137)
2012/8/6	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)
2012/8/13	ND (Detection Limit 0.6)	ND (Detection Limit 0.7)	ND (Detection Limit 0.7)
2012/8/20	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)	ND (Detection Limit 1)
2012/8/27	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)	ND (Detection Limit 0.9)

(2) Asaka Purification Plant (Arakawa River)

(Bq/kg)

Sampling Date	Radioactive Iodine (Iodine131)	Radioactive Cesium (Cesium134)	Radioactive Cesium (Cesium137)
2012/8/7	ND (Detection Limit 0.6)	ND (Detection Limit 0.8)	ND (Detection Limit 0.6)
2012/8/14	ND (Detection Limit 0.6)	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)
2012/8/21	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)	ND (Detection Limit 0.8)
2012/8/28	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)	ND (Detection Limit 0.9)

(3) Ozaku Purification Plant (Tamagawa River)

(Bq/kg)

Sampling Date	Radioactive Iodine (Iodine131)	Radioactive Cesium (Cesium134)	Radioactive Cesium (Cesium137)
2012/8/1	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)
2012/8/8	ND (Detection Limit 0.6)	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)
2012/8/15	ND (Detection Limit 0.7)	ND (Detection Limit 0.5)	ND (Detection Limit 0.8)
2012/8/22	ND (Detection Limit 0.6)	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)
2012/8/29	ND (Detection Limit 0.6)	ND (Detection Limit 0.6)	ND (Detection Limit 0.8)

(4) Higashimurayama Purification Plant (Tamagawa River)

(Bq/kg)

Sampling Date	Radioactive Iodine (Iodine131)	Radioactive Cesium (Cesium134)	Radioactive Cesium (Cesium137)
2012/8/2	ND (Detection Limit 0.8)	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)
2012/8/9	ND (Detection Limit 0.6)	ND (Detection Limit 0.7)	ND (Detection Limit 0.6)
2012/8/16	ND (Detection Limit 0.5)	ND (Detection Limit 0.7)	ND (Detection Limit 0.7)
2012/8/23	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)	ND (Detection Limit 0.7)
2012/8/30	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)

2012/8/2,2012/8/23 : Tamagawa River, Arakawa River

(5) Nagasawa Purification Plant (Sagami River)

(Bq/kg)

Sampling Date	Radioactive Iodine (Iodine131)	Radioactive Cesium (Cesium134)	Radioactive Cesium (Cesium137)
2012/8/3	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)
2012/8/10	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)	ND (Detection Limit 0.9)

2012/8/17	ND (Detection Limit 0.9)	ND (Detection Limit 0.9)	ND (Detection Limit 0.9)
2012/8/24	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)
2012/8/31	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)

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)
Misato (Edogawa River)	2012/8/13	ND (Detection Limit0.5)	ND (Detection Limit0.7)	ND (Detection Limit0.7)
Misono (Arakawa River)	2012/8/14	ND (Detection Limit0.6)	ND (Detection Limit0.7)	ND (Detection Limit0.6)
Kinuta (Tamagawa River)	2012/8/15	ND (Detection Limit0.8)	ND (Detection Limit0.8)	ND (Detection Limit 1)
Sakai (Tamagawa River)	2012/8/16	ND (Detection Limit0.7)	ND (Detection Limit0.5)	ND (Detection Limit0.6)
Kinutashimo (Tamagawa River)	2012/8/17	ND (Detection Limit0.8)	ND (Detection Limit0.9)	ND (Detection Limit0.9)

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 (Address)	Water resource	Sampling date	Radioactive Iodine (Iodine 131)	Radioactive Cesium (Cesium 134)	Radioactive Cesium (Cesium 137)
Otaba (498,Otaba-aza- Okunakachaya, Okutama town)	surface water (Otaba River)	2012/8/7	ND (Detection Limit0.7)	ND (Detection Limit0.6)	ND (Detection Limit0.7)
Tokura (261-2,Tokura, Akiruno city)	surface water (Bonbori River,Aki River)	2012/8/20	ND (Detection Limit0.7)	ND (Detection Limit0.6)	ND (Detection Limit0.8)
Fukasawa (560-6,Fukasawa, Akiruno city)	surface water (Fukasawa River)	2012/8/21	ND (Detection Limit0.7)	ND (Detection Limit0.7)	ND (Detection Limit0.6)
Ogouchi (1310-10,Tozura-a za-Amefuri,Okuta ma town)	surface water (Kumoburo Valley)	2012/8/23	ND (Detection Limit0.7)	ND (Detection Limit0.7)	ND (Detection Limit0.5)
Otsu (1464-2,Otsu, Akiruno city)	surface water (Osawa River)	2012/8/28	ND (Detection Limit0.7)	ND (Detection Limit0.8)	ND (Detection Limit0.9)
Nippara (1055-5,Nippara-a za-Ogawa, Okutama town)	surface water (Karo Valley)	2012/8/28	ND (Detection Limit0.7)	ND (Detection Limit0.7)	ND (Detection Limit0.7)
Himura (47,Sakai-aza- Himura, Okutama town)	surface water (Kawanori Valley)	2012/8/30	ND (Detection Limit0.8)	ND (Detection Limit0.9)	ND (Detection Limit0.9)

1 Sampling time : 9:00 A.M.

2 Testing institute: Water Quality Management Center

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< subsoil water >

Monitoring point (Address)	Water resource	Sampling date	Radioactive Iodine (Iodine 131)	(Bq/kg)	
				Radioactive Cesium (Cesium 134)	Radioactive Cesium (Cesium 137)
Sawaidaini (3-667,Sawai, Oume city)	subsoil water (Aoi River)	2012/8/1	ND (Detection Limit 0.7)	ND (Detection Limit 0.7)	ND (Detection Limit 0.9)
Takatsuki (400, Takatsuki-cho, Hachioji city)	subsoil water (Aki River)	2012/8/5	ND (Detection Limit 0.7)	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)
Futamatao (5-51-1,Futamatao , Oume city)	subsoil water (Tamagawa River)	2012/8/6	ND (Detection Limit 0.8)	ND (Detection Limit 0.5)	ND (Detection Limit 0.8)
Nariki (7-1591-3,Nariki, Oume city)	subsoil water (Nariki River)	2012/8/22	ND (Detection Limit 0.9)	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)
Sawaidaiichi (1-535-3,Sawai, Oume city)	subsoil water (Yakubo River)	2012/8/29	ND (Detection Limit0.8)	ND (Detection Limit0.8)	ND (Detection Limit0.9)

1 Sampling time : 9:00 A.M.

2 Testing institute: Water Quality Management Center

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< shallow well >

Monitoring point (Address)	Water resource	Sampling date	Radioactive Iodine (Iodine 131)	(Bq/kg)	
				Radioactive Cesium (Cesium 134)	Radioactive Cesium (Cesium 137)
Kamiishihara (1-34-7,Kamiishih ara, Chofu city)	shallow well,deep well	2012/8/8	ND (Detection Limit0.8)	ND (Detection Limit0.9)	ND (Detection Limit0.8)
Suginami (3-28-5,Zenpukuji, Suginami ward)	shallow well	2012/8/9	ND (Detection Limit0.9)	ND (Detection Limit0.9)	ND (Detection Limit 1)
Kamiyotsugi (407, Kamiyotsugi, Akiruno city)	shallow well	2012/8/19	ND (Detection Limit0.7)	ND (Detection Limit0.8)	ND (Detection Limit0.8)
Chigasedaini (1-69-1, Chigasemati, Oume city)	subsoil water (Tamagawa River)	2012/8/26	ND (Detection Limit0.9)	ND (Detection Limit0.7)	ND (Detection Limit0.9)

Mitakesann (179-2,Mitakesann, Oume city)	subsoil water (Kajika Creek, Akuba Creek)	2012/8/27	ND (Detection Limit0.6)	ND (Detection Limit0.6)	ND (Detection Limit0.9)
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- 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”.