

Latest Data on the Radiation Level of Purified Water at Main Water Purification Plants of Tokyo Waterworks

The latest results on purified water are as follows.

1 Latest Results at Main Purification Plants

(Bq/kg)

Monitoring point (Water resource)	Sampling date	Radioactive Iodine (Iodine 131)	Radioactive Cesium (Cesium 134)	Radioactive Cesium (Cesium 137)
Kanamachi (Edogawa River)	2012/5/16	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)	ND (Detection Limit 0.9)
Asaka (Arakawa River)	2012/5/16	ND (Detection Limit 0.6)	ND (Detection Limit 0.5)	ND (Detection Limit 0.7)
Ozaku (Tamagawa River)	2012/5/16	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)	ND (Detection Limit 1)
Higashi-murayama (Tamagawa River)	2012/5/16	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)
Nagasawa (Sagamigawa River)	2012/5/16	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 0.8)” at X Purification Plant on a specific date means that the minimum measurement for that day’s sample was 0.8 Bq/kg, but the concentration of radioactive particles in the sample was less than 0.8 Bq/kg. Cases such as this are listed in the above chart as “ND”.

2 Latest Results at other Main Purification Plants

(Bq/kg)

Monitoring point (Water resource)	Samplin date	Radioactive Iodine (Iodine 131)	Radioactive Cesium (Cesium 134)	Radioactive Cesium (Cesium 137)
Misato (Edogawa River)	2012/5/14	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)	ND (Detection Limit 0.8)
Misono (Arakawa River)	2012/5/15	ND (Detection Limit 0.8)	ND (Detection Limit 0.7)	ND (Detection Limit 0.9)
Kinuta (Tamagawa River)	2012/5/9	ND (Detection Limit 0.7)	ND (Detection Limit 0.6)	ND (Detection Limit 0.8)
Sakai (Tamagawa River)	2012/5/10	ND (Detection Limit 0.8)	ND (Detection Limit 0.7)	ND (Detection Limit 0.8)
Kinutashimo (Tamagawa River)	2012/5/11	ND (Detection Limit 0.7)	ND (Detection Limit 0.7)	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 0.8)” at X Purification Plant on a specific date means that the minimum measurement for that day’s sample was 0.8 Bq/kg, but the concentration of radioactive particles in the sample was less than 0.8 Bq/kg. Cases such as this are listed in the above chart as “ND”.