

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

The previous results on raw water (river water before purification) from 2011/04/12 to 2011/04/30 are as follows.

Raw water at purification plant has been tested since April 12th, 2011, when the additional testing institute was cooperated.

1 Kanamachi Purification Plant (Edogawa River)

(Bq/kg)

Sampling Date	Radioactive Iodine (Iodine 131)	Radioactive Cesium (Cesium 134)	Radioactive Cesium (Cesium 137)
2011/4/12	ND (Detection Limit 1)	ND (Detection Limit 1)	ND (Detection Limit 2)
2011/4/13	2 (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/14	ND (Detection Limit 2)	ND (Detection Limit 2)	3 (Detection Limit 2)
2011/4/15	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/16	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/17	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/18	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/19	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 3)
2011/4/20	ND (Detection Limit 2)	ND (Detection Limit 3)	ND (Detection Limit 2)
2011/4/21	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/22	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 3)
2011/4/23	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/24	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/25	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/26	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 3)
2011/4/27	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/28	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 3)
2011/4/29	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 3)
2011/4/30	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)

1 Sampling time : 6:00 A.M.

2 Testing institute : Tokyo Metropolitan University

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 6)” at X Purification Plant on a specific date means that the minimum measurement for that day’s sample was 6 Bq/kg, but the concentration of radioactive particles in the sample was less than 6 Bq/kg. Cases such as this are listed in the above chart as “ND”.

2 Asaka Purification Plant (Arakawa River)

(Bq/kg)

Sampling Date	Radioactive Iodine (Iodine 131)	Radioactive Cesium (Cesium 134)	Radioactive Cesium (Cesium 137)
2011/4/12	ND (Detection Limit 2)	ND (Detection Limit 3)	ND (Detection Limit 2)
2011/4/13	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/14	ND (Detection Limit 3)	ND (Detection Limit 2)	2 (Detection Limit 2)
2011/4/15	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/16	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/17	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/18	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/19	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/20	ND (Detection Limit 3)	ND (Detection Limit 2)	3 (Detection Limit 2)
2011/4/21	ND (Detection Limit 2)	ND (Detection Limit 2)	2 (Detection Limit 2)
2011/4/22	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/23	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/24	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/25	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/26	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/27	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/28	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/29	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/30	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)

1 Sampling time : 6:00 A.M.

2 Testing institute : Tokyo Metropolitan University

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 6)” at X Purification Plant on a specific date means that the minimum measurement for that day’s sample was 6 Bq/kg, but the concentration of radioactive particles in the sample was less than 6 Bq/kg. Cases such as this are listed in the above chart as “ND”.

3 Ozaku Purification Plant (Tamagawa River)

(Bq/kg)

Sampling Date	Radioactive Iodine (Iodine 131)	Radioactive Cesium (Cesium 134)	Radioactive Cesium (Cesium 137)
2011/4/12	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/13	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/14	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/15	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/16	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/17	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/18	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 3)
2011/4/19	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/20	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/21	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/22	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/23	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/24	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/25	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/26	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/27	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/28	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/29	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/30	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)

1 Sampling time : 6:00 A.M.

2 Testing institute : Tokyo Metropolitan University

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 6)” at X Purification Plant on a specific date means that the minimum measurement for that day’s sample was 6 Bq/kg, but the concentration of radioactive particles in the sample was less than 6 Bq/kg. Cases such as this are listed in the above chart as “ND”.

4 Higashi-murayama Purification Plant-1 (Arakawa River, Tamagawa River) (Bq/kg)

Sampling Date	Radioactive Iodine (Iodine 131)	Radioactive Cesium (Cesium 134)	Radioactive Cesium (Cesium 137)
2011/4/12	ND (Detection Limit 2)	ND (Detection Limit 1)	ND (Detection Limit 1)
2011/4/13	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 3)
2011/4/14	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/15	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 3)
2011/4/16	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 3)
2011/4/17	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/18	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/19	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 3)
2011/4/20	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/21	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/22	3 (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/23	3 (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/24	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/25	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/26	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/27	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/28	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 3)
2011/4/29	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/30	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)

1 Sampling time : 6:00 A.M.

2 Testing institute : Tokyo Metropolitan University

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 6)” at X Purification Plant on a specific date means that the minimum measurement for that day’s sample was 6 Bq/kg, but the concentration of radioactive particles in the sample was less than 6 Bq/kg. Cases such as this are listed in the above chart as “ND”.

5 Higashi-murayama Purification Plant-2 (Tamagawa River)

(Bq/kg)

Sampling Date	Radioactive Iodine (Iodine 131)	Radioactive Cesium (Cesium 134)	Radioactive Cesium (Cesium 137)
2011/4/12	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/13	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/14	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/15	ND (Detection Limit 2)	ND (Detection Limit 2)	2 (Detection Limit 2)
2011/4/16	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/17	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/18	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/19	ND (Detection Limit 3)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/20	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/21	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/22	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/23	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/24	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/25	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/26	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/27	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/28	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/29	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)
2011/4/30	ND (Detection Limit 2)	ND (Detection Limit 2)	ND (Detection Limit 2)

1 Sampling time : 6:00 A.M.

2 Testing institute : Tokyo Metropolitan University

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 6)” at X Purification Plant on a specific date means that the minimum measurement for that day’s sample was 6 Bq/kg, but the concentration of radioactive particles in the sample was less than 6 Bq/kg. Cases such as this are listed in the above chart as “ND”.