

令和元年10月の主要浄水場の水道水の放射能測定結果について

Radiation Level of Purified Water
at Main Water Purification Plants of Tokyo Waterworks in October 2019

令和元年10月の主要浄水場の浄水（水道水）の放射能測定結果をお知らせします。
The results on purified water in October 2019 are as follows.

1 各水系を代表する浄水場：毎日測定
Main Purification Plants representing a river system

(1) 金町浄水場（江戸川水系）
Kanamachi Purification Plant (Edogawa River)

単位：Bq/kg

採水日 Sampling date	放射性ヨウ素131 (¹³¹ I)		放射性セシウム134 (¹³⁴ Cs)		放射性セシウム137 (¹³⁷ Cs)	
	検出値 Value	検出限界値 Detection Limit	検出値 Value	検出限界値 Detection Limit	検出値 Value	検出限界値 Detection Limit
2019/10/1	ND	< 0.7	ND	< 0.6	ND	< 0.7
2019/10/2	ND	< 0.7	ND	< 0.6	ND	< 0.7
2019/10/3	ND	< 0.7	ND	< 0.6	ND	< 0.7
2019/10/4	ND	< 0.6	ND	< 0.6	ND	< 0.7
2019/10/5	ND	< 0.6	ND	< 0.9	ND	< 0.8
2019/10/6	ND	< 0.9	ND	< 0.7	ND	< 0.8
2019/10/7	ND	< 0.6	ND	< 0.6	ND	< 0.7
2019/10/8	ND	< 0.6	ND	< 0.8	ND	< 0.7
2019/10/9	ND	< 0.6	ND	< 0.6	ND	< 0.7
2019/10/10	ND	< 0.6	ND	< 0.6	ND	< 0.7
2019/10/11	ND	< 0.7	ND	< 0.7	ND	< 0.7
2019/10/12	ND	< 0.7	ND	< 0.7	ND	< 0.7
2019/10/13	ND	< 0.8	ND	< 0.5	ND	< 0.8
2019/10/14	ND	< 0.7	ND	< 0.6	ND	< 0.7
2019/10/15	ND	< 0.7	ND	< 0.6	ND	< 0.6
2019/10/16	ND	< 0.7	ND	< 0.5	ND	< 0.6
2019/10/17	ND	< 0.6	ND	< 0.7	ND	< 0.8
2019/10/18	ND	< 0.7	ND	< 0.7	ND	< 0.8
2019/10/19	ND	< 0.7	ND	< 0.8	ND	< 0.6
2019/10/20	ND	< 1	ND	< 0.8	ND	< 0.7
2019/10/21	ND	< 0.7	ND	< 0.6	ND	< 0.7
2019/10/22	ND	< 0.6	ND	< 0.8	ND	< 0.7
2019/10/23	ND	< 0.6	ND	< 0.8	ND	< 0.8
2019/10/24	ND	< 0.7	ND	< 0.7	ND	< 0.7
2019/10/25	ND	< 0.6	ND	< 0.8	ND	< 0.7
2019/10/26	ND	< 0.8	ND	< 0.6	ND	< 0.7
2019/10/27	ND	< 0.7	ND	< 0.6	ND	< 0.7
2019/10/28	ND	< 0.7	ND	< 0.7	ND	< 0.8
2019/10/29	ND	< 0.7	ND	< 0.6	ND	< 0.8
2019/10/30	ND	< 0.7	ND	< 0.7	ND	< 0.7
2019/10/31	ND	< 0.6	ND	< 0.8	ND	< 0.9

(2) 朝霞浄水場（荒川水系）
Asaka Purification Plant (Arakawa River)

単位：Bq/kg

採水日 Sampling date	放射性ヨウ素131 (¹³¹ I)		放射性セシウム134 (¹³⁴ Cs)		放射性セシウム137 (¹³⁷ Cs)	
	検出値 Value	検出限界値 Detection Limit	検出値 Value	検出限界値 Detection Limit	検出値 Value	検出限界値 Detection Limit
2019/10/1	ND	< 0.6	ND	< 0.6	ND	< 0.6
2019/10/2	ND	< 0.7	ND	< 0.9	ND	< 0.9
2019/10/3	ND	< 0.6	ND	< 0.6	ND	< 0.8
2019/10/4	ND	< 0.7	ND	< 0.6	ND	< 0.8
2019/10/5	ND	< 0.7	ND	< 0.6	ND	< 0.7
2019/10/6	ND	< 0.6	ND	< 0.6	ND	< 0.7
2019/10/7	ND	< 0.6	ND	< 0.6	ND	< 0.6
2019/10/8	ND	< 0.7	ND	< 0.7	ND	< 0.5
2019/10/9	ND	< 0.7	ND	< 0.7	ND	< 0.7
2019/10/10	ND	< 0.7	ND	< 0.8	ND	< 0.8
2019/10/11	ND	< 0.7	ND	< 0.7	ND	< 0.7
2019/10/12	ND	< 0.9	ND	< 0.8	ND	< 0.7
2019/10/13	ND	< 0.6	ND	< 0.6	ND	< 0.7
2019/10/14	ND	< 0.6	ND	< 0.6	ND	< 0.6
2019/10/15	ND	< 0.6	ND	< 0.7	ND	< 0.7
2019/10/16	ND	< 0.6	ND	< 0.7	ND	< 0.7
2019/10/17	ND	< 0.7	ND	< 0.7	ND	< 0.8
2019/10/18	ND	< 0.6	ND	< 0.5	ND	< 0.8
2019/10/19	ND	< 0.9	ND	< 0.8	ND	< 0.8
2019/10/20	ND	< 0.7	ND	< 0.8	ND	< 0.6
2019/10/21	ND	< 0.8	ND	< 0.8	ND	< 0.7
2019/10/22	ND	< 0.7	ND	< 0.5	ND	< 0.6
2019/10/23	ND	< 0.6	ND	< 0.7	ND	< 0.6
2019/10/24	ND	< 0.7	ND	< 0.6	ND	< 0.7
2019/10/25	ND	< 0.6	ND	< 0.6	ND	< 0.7
2019/10/26	ND	< 0.7	ND	< 0.7	ND	< 0.6
2019/10/27	ND	< 0.7	ND	< 0.8	ND	< 0.6
2019/10/28	ND	< 0.6	ND	< 0.8	ND	< 0.8
2019/10/29	ND	< 0.7	ND	< 0.6	ND	< 0.7
2019/10/30	ND	< 0.7	ND	< 0.9	ND	< 0.7
2019/10/31	ND	< 0.7	ND	< 0.7	ND	< 0.7

(3) 小作浄水場（多摩川水系）
Ozaku Purification Plant (Tamagawa River)

単位：Bq/kg

採水日 Sampling date	放射性ヨウ素131 (¹³¹ I)		放射性セシウム134 (¹³⁴ Cs)		放射性セシウム137 (¹³⁷ Cs)	
	検出値 Value	検出限界値 Detection Limit	検出値 Value	検出限界値 Detection Limit	検出値 Value	検出限界値 Detection Limit
2019/10/1	ND	< 0.6	ND	< 0.7	ND	< 0.8
2019/10/2	ND	< 0.6	ND	< 0.6	ND	< 0.7
2019/10/3	ND	< 0.7	ND	< 0.6	ND	< 0.8
2019/10/4	ND	< 0.6	ND	< 0.6	ND	< 0.7
2019/10/5	ND	< 0.8	ND	< 0.8	ND	< 0.7
2019/10/6	ND	< 0.7	ND	< 0.7	ND	< 0.8
2019/10/7	ND	< 0.6	ND	< 0.8	ND	< 0.8
2019/10/8	ND	< 0.7	ND	< 0.7	ND	< 0.7
2019/10/9	ND	< 0.6	ND	< 0.7	ND	< 0.7
2019/10/10	ND	< 0.7	ND	< 0.7	ND	< 0.7
2019/10/11	ND	< 0.7	ND	< 0.7	ND	< 0.8
2019/10/12	ND	< 0.8	ND	< 0.8	ND	< 0.8
2019/10/13	ND	< 0.7	ND	< 0.7	ND	< 0.8
2019/10/14	ND	< 0.7	ND	< 0.8	ND	< 0.7
2019/10/15	ND	< 0.6	ND	< 0.8	ND	< 0.9
2019/10/16	ND	< 0.6	ND	< 0.7	ND	< 0.6
2019/10/17	ND	< 0.7	ND	< 0.8	ND	< 1
2019/10/18	ND	< 0.6	ND	< 0.6	ND	< 0.7
2019/10/19	ND	< 0.8	ND	< 0.8	ND	< 0.8
2019/10/20	ND	< 0.7	ND	< 0.7	ND	< 0.8
2019/10/21	ND	< 0.7	ND	< 0.9	ND	< 0.6
2019/10/22	ND	< 0.8	ND	< 0.9	ND	< 0.8
2019/10/23	ND	< 0.8	ND	< 0.9	ND	< 0.7
2019/10/24	ND	< 0.7	ND	< 0.7	ND	< 0.8
2019/10/25	ND	< 0.8	ND	< 0.8	ND	< 0.7
2019/10/26	ND	< 0.8	ND	< 0.9	ND	< 0.8
2019/10/27	ND	< 0.7	ND	< 0.8	ND	< 0.8
2019/10/28	ND	< 0.7	ND	< 0.7	ND	< 0.8
2019/10/29	ND	< 0.7	ND	< 0.8	ND	< 0.8
2019/10/30	ND	< 0.6	ND	< 0.7	ND	< 0.6
2019/10/31	ND	< 0.7	ND	< 0.8	ND	< 0.8

(4) 東村山浄水場 (多摩川・荒川水系)
Higashi-murayama Purification Plant (Tamagawa-Arakawa River)

単位: Bq/kg

採水日	放射性ヨウ素131 (¹³¹ I)		放射性セシウム134 (¹³⁴ Cs)		放射性セシウム137 (¹³⁷ Cs)	
	検出値	検出限界値	検出値	検出限界値	検出値	検出限界値
Sampling date	Value	Detection Limit	Value	Detection Limit	Value	Detection Limit
2019/10/1	ND	< 0.7	ND	< 0.6	ND	< 0.6
2019/10/2	ND	< 0.7	ND	< 0.6	ND	< 0.8
2019/10/3	ND	< 0.7	ND	< 0.7	ND	< 0.8
2019/10/4	ND	< 0.7	ND	< 0.9	ND	< 0.7
2019/10/5	ND	< 0.8	ND	< 0.8	ND	< 0.9
2019/10/6	ND	< 0.9	ND	< 0.8	ND	< 0.9
2019/10/7	ND	< 0.6	ND	< 0.8	ND	< 0.8
2019/10/8	ND	< 0.7	ND	< 0.8	ND	< 0.7
2019/10/9	ND	< 0.6	ND	< 0.6	ND	< 0.7
2019/10/10	ND	< 0.7	ND	< 0.6	ND	< 0.7
2019/10/11	ND	< 0.6	ND	< 0.7	ND	< 0.5
2019/10/12	ND	< 0.8	ND	< 0.6	ND	< 0.7
2019/10/13	ND	< 0.7	ND	< 0.6	ND	< 0.8
2019/10/14	ND	< 0.6	ND	< 0.7	ND	< 0.7
2019/10/15	ND	< 0.6	ND	< 0.8	ND	< 1
2019/10/16	ND	< 0.7	ND	< 0.8	ND	< 0.6
2019/10/17	ND	< 0.7	ND	< 0.7	ND	< 0.8
2019/10/18	ND	< 0.7	ND	< 0.8	ND	< 0.8
2019/10/19	ND	< 0.7	ND	< 0.7	ND	< 0.6
2019/10/20	ND	< 0.6	ND	< 0.6	ND	< 0.6
2019/10/21	ND	< 0.7	ND	< 0.6	ND	< 0.7
2019/10/22	ND	< 0.7	ND	< 0.7	ND	< 0.6
2019/10/23	ND	< 0.7	ND	< 0.6	ND	< 0.8
2019/10/24	ND	< 0.6	ND	< 0.9	ND	< 0.7
2019/10/25	ND	< 0.7	ND	< 0.7	ND	< 0.8
2019/10/26	ND	< 0.8	ND	< 0.6	ND	< 0.7
2019/10/27	ND	< 0.7	ND	< 0.6	ND	< 0.6
2019/10/28	ND	< 0.6	ND	< 0.7	ND	< 0.7
2019/10/29	ND	< 0.7	ND	< 0.8	ND	< 0.8
2019/10/30	ND	< 0.7	ND	< 0.6	ND	< 0.6
2019/10/31	ND	< 0.6	ND	< 0.7	ND	< 0.8

(5) 長沢浄水場 (相模川水系)
Nagasawa Purification Plant (Sagamigawa River)

単位: Bq/kg

採水日	放射性ヨウ素131 (¹³¹ I)		放射性セシウム134 (¹³⁴ Cs)		放射性セシウム137 (¹³⁷ Cs)	
	検出値	検出限界値	検出値	検出限界値	検出値	検出限界値
Sampling date	Value	Detection Limit	Value	Detection Limit	Value	Detection Limit
2019/10/1	ND	< 0.7	ND	< 0.7	ND	< 0.6
2019/10/2	ND	< 0.5	ND	< 0.7	ND	< 0.7
2019/10/3	ND	< 0.6	ND	< 0.6	ND	< 0.8
2019/10/4	ND	< 0.6	ND	< 0.7	ND	< 0.8
2019/10/5	ND	< 0.7	ND	< 0.7	ND	< 0.7
2019/10/6	ND	< 0.7	ND	< 0.6	ND	< 0.6
2019/10/7	ND	< 0.7	ND	< 0.6	ND	< 0.7
2019/10/8	ND	< 0.7	ND	< 0.6	ND	< 0.9
2019/10/9	ND	< 0.6	ND	< 0.7	ND	< 0.8
2019/10/10	ND	< 0.6	ND	< 0.6	ND	< 0.7
2019/10/11	ND	< 0.6	ND	< 0.7	ND	< 0.9
2019/10/12	ND	< 0.7	ND	< 0.7	ND	< 0.6
2019/10/13	ND	< 0.9	ND	< 0.7	ND	< 0.8
2019/10/14	ND	< 0.6	ND	< 0.8	ND	< 0.8
2019/10/15	ND	< 0.6	ND	< 0.7	ND	< 0.7
2019/10/16	ND	< 0.7	ND	< 0.9	ND	< 0.8
2019/10/17	ND	< 0.6	ND	< 0.8	ND	< 0.7
2019/10/18	ND	< 0.6	ND	< 0.6	ND	< 0.6
2019/10/19	ND	< 0.7	ND	< 0.7	ND	< 0.6
2019/10/20	ND	< 0.6	ND	< 0.7	ND	< 0.6
2019/10/21	ND	< 0.7	ND	< 0.7	ND	< 0.6
2019/10/22	ND	< 0.7	ND	< 0.7	ND	< 0.6
2019/10/23	ND	< 0.7	ND	< 0.5	ND	< 0.7
2019/10/24	ND	< 0.7	ND	< 0.7	ND	< 0.7
2019/10/25	ND	< 0.7	ND	< 0.6	ND	< 0.7
2019/10/26	ND	< 0.7	ND	< 0.6	ND	< 0.6
2019/10/27	ND	< 0.7	ND	< 0.6	ND	< 0.6
2019/10/28	ND	< 0.7	ND	< 0.6	ND	< 0.7
2019/10/29	ND	< 0.6	ND	< 0.6	ND	< 0.7
2019/10/30	ND	< 0.6	ND	< 0.7	ND	< 0.6
2019/10/31	ND	< 0.6	ND	< 0.7	ND	< 0.5

2 その他の主要浄水場: 概ね月1回の測定
Other Main Purification Plants: Test mostly once a month

単位: Bq/kg

浄水所	水源	採水日	放射性ヨウ素131 (¹³¹ I)		放射性セシウム134 (¹³⁴ Cs)		放射性セシウム137 (¹³⁷ Cs)	
			検出値	検出限界値	検出値	検出限界値	検出値	検出限界値
Monitoring point	Water resource	Sampling date	Value	Detection Limit	Value	Detection Limit	Value	Detection Limit
三郷 Misato	江戸川水系 Edogawa River	2019/10/9	ND	< 0.7	ND	< 0.7	ND	< 0.8
三園 Misono	荒川水系 Arakawa River	2019/10/9	ND	< 0.8	ND	< 0.7	ND	< 0.6
境 Sakai	多摩川水系 Tamagawa River	2019/10/9	ND	< 0.6	ND	< 0.8	ND	< 0.8
砧 Kinuta	多摩川水系 Tamagawa River	2019/10/9	ND	< 0.7	ND	< 0.7	ND	< 0.8
砧下 Kinutashimo	多摩川水系 Tamagawa River	2019/10/9	ND	< 0.8	ND	< 0.7	ND	< 0.8

- *1 ND: 不検出
- *2 採水時間: 午前9時
- *3 検査機関: 東京都水道局水質センター
- *4 「検出限界値」とは、測定において検出できる最小値のことをいいます。放射性能の特性として、同じ機器で測定しても、検体ごとに検出限界値は変動します。たとえば、検出限界値「<0.8」とあるのは、検出できる最小値が0.8Bq/kgであり、加えて検出値がNDの場合は、この水の放射性物質濃度は「0.8Bq/kg未満である」ことを意味します。
- *1 ND: Not Detectable
- *2 Sampling time: 9:00 A.M.
- *3 Testing institute: Water Quality Management Center
- *4 "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 detection limit "<0.8" means that the minimum measurement for that day's sample was 0.8 Bq/kg. And a case such as a result of "ND", the concentration of radioactive particles in the sample was less than 0.8 Bq/kg.

【参考】

平成24年4月から、食品衛生法に基づく飲料水の基準値が10Bq/kgに設定されたことを受けて、水道水については放射性セシウムの管理目標値として10Bq/kgが設定されました。