# 令和3年9月の主要浄水場の水道水の放射能検査結果について

# Radiation Level of Purified Water at Main Water Purification Plants of Tokyo Waterworks in September 2021

令和3年9月の主要浄水場の浄水(水道水)の放射能検査結果をお知らせします。 The results on purified water in September 2021 are as follows.

#### 1 各水系を代表する浄水場:毎日検査

Main Purification Plants representing a river system

#### (1) 金町浄水場(江戸川水系)

Kanamachi Purification Plant (Edogawa River)

	1.1 ft		-1/ A L I	11 2 2 3 4 0 4	-t/ 611	単位:Bq/kg	
10 L. D	放射性ヨウ素131			生セシウム134 (134g)	放射性セシウム137		
採水日		( <sup>131</sup> I)		( <sup>134</sup> Cs)		( <sup>137</sup> 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	
2021/9/1	ND	< 0.6	ND	< 0.5	ND	< 0.7	
2021/9/2	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2021/9/3	ND	< 0.7	ND	< 0.8	ND	< 0.6	
2021/9/4	ND	< 0.8	ND	< 0.6	ND	< 0.9	
2021/9/5	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2021/9/6	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2021/9/7	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2021/9/8	ND	< 0.6	ND	< 0.5	ND	< 0.7	
2021/9/9	ND	< 0.7	ND	< 0.8	ND	< 0.7	
2021/9/10	ND	< 0.6	ND	< 0.5	ND	< 0.6	
2021/9/11	ND	< 0.8	ND	< 0.6	ND	< 0.6	
2021/9/12	ND	< 0.7	ND	< 0.8	ND	< 0.8	
2021/9/13	ND	< 0.7	ND	< 0.7	ND	< 0.8	
2021/9/14	ND	< 0.6	ND	< 0.9	ND	< 0.9	
2021/9/15	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2021/9/16	ND	< 0.7	ND	< 0.6	ND	< 0.9	
2021/9/17	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2021/9/18	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2021/9/19	ND	< 0.7	ND	< 0.7	ND	< 0.6	
2021/9/20	ND	< 0.6	ND	< 0.8	ND	< 0.8	
2021/9/21	ND	< 0.7	ND	< 0.5	ND	< 0.7	
2021/9/22	ND	< 0.6	ND	< 0.8	ND	< 0.7	
2021/9/23	ND	< 0.7	ND	< 0.6	ND	< 0.6	
2021/9/24	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2021/9/25	ND	< 0.8	ND	< 0.6	ND	< 0.9	
2021/9/26	ND	< 0.8	ND	< 0.6	ND	< 0.8	
2021/9/27	ND	< 0.5	ND	< 0.7	ND	< 0.7	
2021/9/28	ND	< 0.7	ND	< 0.7	ND	< 0.8	
2021/9/29	ND	< 0.6	ND	< 0.7	ND	< 0.8	
2021/9/30	ND	< 0.6	ND	< 0.7	ND	< 0.7	

## (2)朝霞浄水場 (荒川水系)

Asaka Purification Plant (Arakawa River)

採水日	放射	放射性ヨウ素131 ( <sup>131</sup> I)		生セシウム134 ( <sup>134</sup> Cs)	単位:Bq/kg 放射性セシウム137 ( <sup>137</sup> Cs)		
1/4/1/14	検出値	検出限界値	検出値	検出限界値	検出値		
Sampling date	Value	Detection Limit				Detection Limit	
2021/9/1	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2021/9/2	ND	< 0.6	ND	< 0.8	ND	< 0.9	
2021/9/3	ND	< 0.7	ND	< 0.8	ND	< 0.8	
2021/9/4	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2021/9/5	ND	< 0.8	ND	< 0.7	ND	< 0.7	
2021/9/6	ND	< 0.7	ND	< 0.6	ND	< 0.6	
2021/9/7	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2021/9/8	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2021/9/9	ND	< 0.7	ND	< 0.8	ND	< 0.6	
2021/9/10	ND	< 0.8	ND	< 0.5	ND	< 0.6	
2021/9/11	ND	< 0.7	ND	< 0.5	ND	< 0.6	
2021/9/12	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2021/9/13	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2021/9/14	ND	< 0.7	ND	< 0.8	ND	< 0.7	
2021/9/15	ND	< 0.7	ND	< 0.7	ND	< 0.9	
2021/9/16	ND	< 0.7	ND	< 0.7	ND	< 0.8	
2021/9/17	ND	< 0.7	ND	< 0.6	ND	< 0.8	
2021/9/18	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2021/9/19	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2021/9/20	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2021/9/21	ND	< 0.7	ND	< 0.7	ND	< 0.8	
2021/9/22	ND	< 0.7	ND	< 0.7	ND	< 0.6	
2021/9/23	ND	< 0.7	ND	< 0.5	ND	< 0.6	
2021/9/24	ND	< 0.7	ND	< 0.9	ND	< 0.8	
2021/9/25	ND	< 0.8	ND	< 0.8	ND	< 0.8	
2021/9/26	ND	< 0.5	ND	< 0.6	ND	< 0.8	
2021/9/27	ND	< 0.6	ND	< 0.7	ND	< 1	
2021/9/28	ND	< 0.6	ND	< 0.7	ND	< 0.6	
2021/9/29	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2021/9/30	ND	< 0.6	ND	< 0.6	ND	< 0.7	

## (3) 小作浄水場 (多摩川水系)

Ozaku Purification Plant (Tamagawa River)

採水日	放射	放射性ヨウ素131 ( <sup>131</sup> I)		生セシウム134 ( <sup>134</sup> Cs)	単位:Bq/kg 放射性セシウム137 ( <sup>137</sup> Cs)		
休八口	検出値	検出限界値	検出値	検出限界値	検出値 検出限界値		
	7天山 10						
Sampling date	Value	Detection Limit	Value	Detection Limit	Value	Detection Limit	
2021/9/1	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2021/9/2	ND	< 0.7	ND	< 0.8	ND	< 0.5	
2021/9/3	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2021/9/4	ND	< 0.8	ND	< 0.8	ND	< 0.8	
2021/9/5	ND	< 0.8	ND	< 0.7	ND	< 0.9	
2021/9/6	ND	< 0.6	ND	< 0.6	ND	< 0.6	
2021/9/7	ND	< 0.5	ND	< 0.6	ND	< 0.7	
2021/9/8	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2021/9/9	ND	< 0.7	ND	< 0.7	ND	< 0.8	
2021/9/10	ND	< 0.7	ND	< 0.6	ND	< 0.6	
2021/9/11	ND	< 0.8	ND	< 0.8	ND	< 0.8	
2021/9/12	ND	< 0.8	ND	< 0.6	ND	< 0.8	
2021/9/13	ND	< 0.6	ND	< 0.7	ND	< 0.8	
2021/9/14	ND	< 0.7	ND	< 0.7	ND	< 0.6	
2021/9/15	ND	< 0.5	ND	< 0.6	ND	< 0.7	
2021/9/16	ND	< 0.7	ND	< 0.6	ND	< 0.8	
2021/9/17	ND	< 0.6	ND	< 0.6	ND	< 0.6	
2021/9/18	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2021/9/19	ND	< 0.7	ND	< 0.6	ND	< 0.8	
2021/9/20	ND	< 0.6	ND	< 0.5	ND	< 0.7	
2021/9/21	ND	< 0.5	ND	< 0.6	ND	< 0.6	
2021/9/22	ND	< 0.6	ND	< 0.7	ND	< 0.8	
2021/9/23	ND	< 0.7	ND	< 0.5	ND	< 0.7	
2021/9/24	ND	< 0.6	ND	< 0.8	ND	< 0.6	
2021/9/25	ND	< 0.8	ND	< 0.7	ND	< 0.7	
2021/9/26	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2021/9/27	ND	< 0.7	ND	< 0.5	ND	< 0.7	
2021/9/28	ND	< 0.7	ND	< 0.8	ND	< 0.9	
2021/9/29	ND	< 0.7	ND	< 0.8	ND	< 0.8	
2021/9/30	ND	< 0.6	ND	< 0.6	ND	< 0.6	

## (4) 東村山浄水場 (多摩川・荒川水系)

Higashi-murayama Purification Plant (Tamagawa·Arakawa River)

採水日	放射	性ヨウ素131 ( <sup>131</sup> I)	放射体	生セシウム134 ( <sup>134</sup> Cs)	単位:Bq/kg 放射性セシウム137 ( <sup>137</sup> Cs)		
冰水口	検出値	検出限界値	検出値	検出限界値	検出値		
Sampling date	Value	Detection Limit	Value	Detection Limit	Value	Detection Limit	
2021/9/1	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2021/9/2	ND	< 0.6	ND	< 0.7	ND	< 0.6	
2021/9/3	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2021/9/4	ND	< 0.9	ND	< 0.6	ND	< 0.7	
2021/9/5	ND	< 0.8	ND	< 0.8	ND	< 0.7	
2021/9/6	ND	< 0.8	ND	< 0.6	ND	< 0.8	
2021/9/7	ND	< 0.7	ND	< 0.7	ND	< 0.8	
2021/9/8	ND	< 0.6	ND	< 0.7	ND	< 0.8	
2021/9/9	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2021/9/10	ND	< 0.6	ND	< 0.5	ND	< 0.6	
2021/9/11	ND	< 0.8	ND	< 0.8	ND	< 0.6	
2021/9/12	ND	< 0.7	ND	< 0.7	ND	< 0.6	
2021/9/13	ND	< 0.7	ND	< 0.7	ND	< 0.8	
2021/9/14	ND	< 0.7	ND	< 0.6	ND	< 0.9	
2021/9/15	ND	< 0.6	ND	< 0.8	ND	< 0.8	
2021/9/16	ND	< 0.7	ND	< 0.8	ND	< 0.6	
2021/9/17	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2021/9/18	ND	< 0.8	ND	< 0.8	ND	< 0.9	
2021/9/19	ND	< 0.8	ND	< 0.8	ND	< 0.9	
2021/9/20	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2021/9/21	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2021/9/22	ND	< 0.6	ND	< 0.7	ND	< 0.8	
2021/9/23	ND	< 0.6	ND	< 0.6	ND	< 0.8	
2021/9/24	ND	< 0.8	ND	< 0.8	ND	< 0.5	
2021/9/25	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2021/9/26	ND	< 0.8	ND	< 0.7	ND	< 0.7	
2021/9/27	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2021/9/28	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2021/9/29	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2021/9/30	ND	< 0.6	ND	< 0.6	ND	< 0.7	

## (5)長沢浄水場 (相模川水系)

Nagasawa Purification Plant (Sagamigawa River)

採水日	放射性ヨウ素131 ( <sup>131</sup> I)		放射	生セシウム134 ( <sup>134</sup> Cs)	単位:Bq/kg 放射性セシウム137 ( <sup>137</sup> Cs)		
17K71C FI	検出値	検出限界値	検出値	検出限界値	検出値		
Sampling date	Value	Detection Limit	Value	Detection Limit	Value	Detection Limit	
2021/9/1	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2021/9/2	ND	< 0.6	ND	< 0.5	ND	< 0.7	
2021/9/3	ND	< 0.6	ND	< 0.6	ND	< 0.6	
2021/9/4	ND	< 0.7	ND	< 0.7	ND	< 0.6	
2021/9/5	ND	< 0.8	ND	< 0.7	ND	< 0.7	
2021/9/6	ND	< 0.7	ND	< 0.6	ND	< 0.6	
2021/9/7	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2021/9/8	ND	< 0.6	ND	< 0.6	ND	< 0.8	
2021/9/9	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2021/9/10	ND	< 0.7	ND	< 0.5	ND	< 0.6	
2021/9/11	ND	< 0.8	ND	< 0.7	ND	< 0.7	
2021/9/12	ND	< 0.5	ND	< 0.6	ND	< 0.7	
2021/9/13	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2021/9/14	ND	< 0.7	ND	< 0.8	ND	< 0.6	
2021/9/15	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2021/9/16	ND	< 0.7	ND	< 0.9	ND	< 0.8	
2021/9/17	ND	< 0.7	ND	< 0.8	ND	< 0.9	
2021/9/18	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2021/9/19	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2021/9/20	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2021/9/21	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2021/9/22	ND	< 0.6	ND	< 0.7	ND	< 0.8	
2021/9/23	ND	< 0.6	ND	< 0.7	ND	< 0.6	
2021/9/24	ND	< 0.7	ND	< 0.7	ND	< 0.8	
2021/9/25	ND	< 0.9	ND	< 0.6	ND	< 0.8	
2021/9/26	ND	< 0.8	ND	< 0.8	ND	< 0.7	
2021/9/27	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2021/9/28	ND	< 0.6	ND	< 0.9	ND	< 0.8	
2021/9/29	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2021/9/30	ND	< 0.7	ND	< 0.7	ND	< 0.7	

#### 2 その他の主要浄水場:概ね月1回の検査

Other Main Purification Plants: Test mostly once a month

単位: Ba/kg

浄水所	水源	採水日	放射性ヨウ素131 ( <sup>131</sup> I)		放射性セシウム134 ( <sup>134</sup> Cs)		<u>申位: bd/ kg</u> 放射性セシウム137 ( <sup>137</sup> 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	2021/9/8	ND	< 0.6	ND	< 0.8	ND	< 0.8
三園 Misono	荒川水系 Arakawa River	2021/9/8	ND	< 0.7	ND	< 0.6	ND	< 0.7
境 Sakai	多摩川水系 Tamagawa River	2021/9/8	ND	< 0.6	ND	< 0.8	ND	< 0.8
砧 Kinuta	多摩川水系 Tamagawa River	2021/9/8	ND	< 0.4	ND	< 0.4	ND	< 0.5
砧下 Kinutashimo	多摩川水系 Tamagawa River	2021/9/8	ND	< 0.7	ND	< 0.8	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、検査において検出できる最小値のことをいいます。 放射能の特性として、同じ機器で検査しても、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。