# 令和元年5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 May 2019

令和元年5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 May 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)

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

# (2)朝霞浄水場 (荒川水系)

Asaka Purification Plant (Arakawa River)

	放射	性ヨウ素131	放射性	生セシウム134	単位:Bq/kg 放射性セシウム137		
採水日		$(^{131}I)$		$(^{134}\mathrm{Cs})$		$(^{137}\mathrm{Cs})$	
	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	lue Detection Limit		Detection Limit	
2019/5/1	ND	< 0.8	ND	< 0.7	ND	< 0.9	
2019/5/2	ND	< 0.8	ND	< 0.6	ND	< 0.6	
2019/5/3	ND	< 0.6	ND	< 0.8	ND	< 0.6	
2019/5/4	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2019/5/5	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2019/5/6	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2019/5/7	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2019/5/8	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2019/5/9	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2019/5/10	ND	< 0.7	ND	< 0.6	ND	< 0.6	
2019/5/11	ND	< 0.8	ND	< 0.7	ND	< 0.6	
2019/5/12	ND	< 0.8	ND	< 1	ND	< 0.8	
2019/5/13	ND	< 0.6	ND	< 0.8	ND	< 0.9	
2019/5/14	ND	< 0.6	ND	< 0.8	ND	< 0.6	
2019/5/15	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2019/5/16	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2019/5/17	ND	< 0.6	ND	< 0.5	ND	< 0.6	
2019/5/18	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2019/5/19	ND	< 0.7	ND	< 0.7	ND	< 0.8	
2019/5/20	ND	< 0.6	ND	< 0.8	ND	< 0.7	
2019/5/21	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2019/5/22	ND	< 0.6	ND	< 0.7	ND	< 0.5	
2019/5/23	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2019/5/24	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2019/5/25	ND	< 0.8	ND	< 0.7	ND	< 0.6	
2019/5/26	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2019/5/27	ND	< 0.7	ND	< 0.5	ND	< 0.7	
2019/5/28	ND	< 0.6	ND	< 0.7	ND	< 0.6	
2019/5/29	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2019/5/30	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2019/5/31	ND	< 0.6	ND	< 0.7	ND	< 0.7	

# (3) 小作浄水場 (多摩川水系)

Ozaku Purification Plant (Tamagawa River)

	放射性ヨウ素131		放射性	生セシウム134	単位:Bq/kg 放射性セシウム137		
採水日		$(^{131}I)$		$(^{134}\mathrm{Cs})$		$(^{137}\mathrm{Cs})$	
	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	
2019/5/1	ND	< 0.7	ND	< 0.7	ND	< 0.8	
2019/5/2	ND	< 0.8	ND	< 0.7	ND	< 0.6	
2019/5/3	ND	< 0.6	ND	< 0.8	ND	< 0.9	
2019/5/4	ND	< 0.8	ND	< 0.7	ND	< 0.9	
2019/5/5	ND	< 0.8	ND	< 0.6	ND	< 0.7	
2019/5/6	ND	< 0.6	ND	< 0.8	ND	< 0.8	
2019/5/7	ND	< 0.7	ND	< 0.6	ND	< 0.8	
2019/5/8	ND	< 0.7	ND	< 0.9	ND	< 0.9	
2019/5/9	ND	< 0.6	ND	< 0.5	ND	< 0.6	
2019/5/10	ND	< 0.6	ND	< 0.7	ND	< 0.8	
2019/5/11	ND	< 0.8	ND	< 0.6	ND	< 0.6	
2019/5/12	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2019/5/13	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2019/5/14	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2019/5/15	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2019/5/16	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2019/5/17	ND	< 0.7	ND	< 0.8	ND	< 0.8	
2019/5/18	ND	< 0.8	ND	< 0.6	ND	< 0.7	
2019/5/19	ND	< 0.7	ND	< 0.7	ND	< 0.8	
2019/5/20	ND	< 0.8	ND	< 0.8	ND	< 0.8	
2019/5/21	ND	< 0.7	ND	< 0.6	ND	< 0.8	
2019/5/22	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2019/5/23	ND	< 0.6	ND	< 0.7	ND	< 0.6	
2019/5/24	ND	< 0.7	ND	< 0.6	ND	< 0.8	
2019/5/25	ND	< 0.9	ND	< 0.7	ND	< 0.7	
2019/5/26	ND	< 0.8	ND	< 0.6	ND	< 0.6	
2019/5/27	ND	< 0.8	ND	< 0.8	ND	< 1	
2019/5/28	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2019/5/29	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2019/5/30	ND	< 0.7	ND	< 0.8	ND	< 0.7	
2019/5/31	ND	< 0.7	ND	< 0.7	ND	< 0.8	

# (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	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)		
210,301	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	
2019/5/1	ND	< 0.7	ND	< 0.8	ND	< 0.8	
2019/5/2	ND	< 0.7	ND	< 0.8	ND	< 0.8	
2019/5/3	ND	< 0.5	ND	< 0.7	ND	< 0.7	
2019/5/4	ND	< 0.9	ND	< 0.8	ND	< 0.7	
2019/5/5	ND	< 0.7	ND	< 0.7	ND	< 0.6	
2019/5/6	ND	< 0.8	ND	< 0.7	ND	< 0.8	
2019/5/7	ND	< 0.7	ND	< 0.6	ND	< 0.6	
2019/5/8	ND	< 0.6	ND	< 0.6	ND	< 0.6	
2019/5/9	ND	< 0.8	ND	< 0.6	ND	< 0.7	
2019/5/10	ND	< 0.6	ND	< 0.9	ND	< 0.8	
2019/5/11	ND	< 0.8	ND	< 0.6	ND	< 0.6	
2019/5/12	ND	< 0.8	ND	< 0.8	ND	< 0.8	
2019/5/13	ND	< 0.6	ND	< 0.7	ND	< 0.6	
2019/5/14	ND	< 0.7	ND	< 0.6	ND	< 0.8	
2019/5/15	ND	< 0.6	ND	< 0.8	ND	< 0.8	
2019/5/16	ND	< 0.7	ND	< 0.7	ND	< 0.9	
2019/5/17	ND	< 0.7	ND	< 0.6	ND	< 0.6	
2019/5/18	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2019/5/19	ND	< 0.7	ND	< 0.6	ND	< 0.6	
2019/5/20	ND	< 0.7	ND	< 0.5	ND	< 0.7	
2019/5/21	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2019/5/22	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2019/5/23	ND	< 0.7	ND	< 0.6	ND	< 0.8	
2019/5/24	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2019/5/25	ND	< 0.7	ND	< 0.6	ND	< 0.6	
2019/5/26	ND	< 0.8	ND	< 0.8	ND	< 0.8	
2019/5/27	ND	< 0.6	ND	< 0.6	ND	< 0.8	
2019/5/28	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2019/5/29	ND	< 0.6	ND	< 0.7	ND	< 0.8	
2019/5/30	ND	< 0.6	ND	< 0.7	ND	< 0.6	
2019/5/31	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)

	放射性ヨウ素131		放射性	生セシウム134	放射性セシウム137		
採水日		$(^{131}I)$		$(^{134}Cs)$		$(^{137}\mathrm{Cs})$	
	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 Limi	
2019/5/1	ND	< 0.7	ND	< 0.8	ND	< 0.9	
2019/5/2	ND	< 0.7	ND	< 0.6	ND	< 0.6	
2019/5/3	ND	< 0.7	ND	< 0.7	ND	< 0.8	
2019/5/4	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2019/5/5	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2019/5/6	ND	< 0.7	ND	< 0.8	ND	< 0.8	
2019/5/7	ND	< 0.6	ND	< 0.8	ND	< 0.7	
2019/5/8	ND	< 0.7	ND	< 0.6	ND	< 0.8	
2019/5/9	ND	< 0.7	ND	< 0.7	ND	< 0.9	
2019/5/10	ND	< 0.6	ND	< 0.7	ND	< 0.8	
2019/5/11	ND	< 0.8	ND	< 0.5	ND	< 0.7	
2019/5/12	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2019/5/13	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2019/5/14	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2019/5/15	ND	< 0.6	ND	< 0.8	ND	< 0.8	
2019/5/16	ND	< 0.7	ND	< 0.7	ND	< 0.6	
2019/5/17	ND	< 0.8	ND	< 0.7	ND	< 0.5	
2019/5/18	ND	< 0.8	ND	< 0.5	ND	< 0.7	
2019/5/19	ND	< 0.6	ND	< 0.7	ND	< 0.6	
2019/5/20	ND	< 0.6	ND	< 0.7	ND	< 0.6	
2019/5/21	ND	< 0.6	ND	< 0.6	ND	< 0.8	
2019/5/22	ND	< 0.7	ND	< 0.7	ND	< 0.8	
2019/5/23	ND	< 0.6	ND	< 0.8	ND	< 0.7	
2019/5/24	ND	< 0.5	ND	< 0.6	ND	< 0.6	
2019/5/25	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2019/5/26	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2019/5/27	ND	< 0.7	ND	< 0.9	ND	< 0.8	
2019/5/28	ND	< 0.6	ND	< 0.8	ND	< 0.8	
2019/5/29	ND	< 0.7	ND	< 0.6	ND	< 0.8	
2019/5/30	ND	< 0.7	ND	< 0.8	ND	< 0.8	
2019/5/31	ND	< 0.6	ND	< 0.8	ND	< 0.8	

#### 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 ( <sup>131</sup> I)		放射性セシウム134 ( <sup>134</sup> Cs)		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	2019/5/8	ND	< 0.7	ND	< 0.7	ND	< 0.8
三園 Misono	荒川水系 Arakawa River	2019/5/8	ND	< 0.6	ND	< 0.7	ND	< 0.8
境 Sakai	多摩川水系 Tamagawa River	2019/5/22	ND	< 0.7	ND	< 0.9	ND	< 0.8
砧 Kinuta	多摩川水系 Tamagawa River	2019/5/8	ND	< 0.5	ND	< 0.5	ND	< 0.5
砧下 Kinutashim o	多摩川水系 Tamagawa River	停止中		<		<		<

※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

X2 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。