# 令和2年5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 May 2020

令和2年5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 May 2020 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)

						単位:Bq/kg	
	放射	性ヨウ素131	放射	性セシウム134	放射性セシウム137		
採水日		$(^{131}I)$		$(^{134}Cs)$		$(^{137}Cs)$	
	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	
2020/5/1	ND	< 0.5	ND	< 0.6	ND	< 0.6	
2020/5/2	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2020/5/3	ND	< 0.8	ND	< 0.7	ND	< 0.8	
2020/5/4	ND	< 0.6	ND	< 0.5	ND	< 0.7	
2020/5/5	ND	< 0.8	ND	< 0.6	ND	< 0.7	
2020/5/6	ND	< 0.8	ND	< 0.7	ND	< 0.7	
2020/5/7	ND	< 0.6	ND	< 0.8	ND	< 0.8	
2020/5/8	ND	< 0.7	ND	< 0.8	ND	< 1	
2020/5/9	ND	< 0.8	ND	< 0.7	ND	< 0.7	
2020/5/10	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2020/5/11	ND	< 0.6	ND	< 0.7	ND	< 0.8	
2020/5/12	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2020/5/13	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2020/5/14	ND	< 0.6	ND	< 0.7	ND	< 0.9	
2020/5/15	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2020/5/16	ND	< 0.9	ND	< 0.7	ND	< 0.7	
2020/5/17	ND	< 0.7	ND	< 0.6	ND	< 0.6	
2020/5/18	ND	< 0.7	ND	< 0.9	ND	< 0.7	
2020/5/19	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2020/5/20	ND	< 0.5	ND	< 0.7	ND	< 0.8	
2020/5/21	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2020/5/22	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2020/5/23	ND	< 0.9	ND	< 0.8	ND	< 0.7	
2020/5/24	ND	< 0.6	ND	< 0.8	ND	< 0.7	
2020/5/25	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2020/5/26	ND	< 0.6	ND	< 0.7	ND	< 0.6	
2020/5/27	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2020/5/28	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2020/5/29	ND	< 0.6	ND	< 0.7	ND	< 0.6	
2020/5/30	ND	< 0.8	ND	< 0.7	ND	< 0.7	
2020/5/31	ND	< 0.8	ND	< 0.7	ND	< 0.9	

## (2)朝霞浄水場 (荒川水系)

Asaka Purification Plant (Arakawa River)

11.11	- /-	
前行	Ba/kg	

放射		放射性	生セシウム137			
	$(^{131}I)$		$(^{134}Cs)$		$(^{137}Cs)$	
検出値	検出限界値	検出値	検出限界値	検出値	検出限界値	
Value	Detection Limit	Value	Detection Limit	Value	Detection Limit	
ND	< 0.7	ND	< 0.7	ND	< 0.7	
ND	< 0.9	ND	< 0.6	ND	< 0.6	
ND	< 0.8	ND	< 0.8	ND	< 0.8	
ND	< 0.7	ND	< 0.9	ND	< 0.7	
ND	< 0.7	ND	< 0.6	ND	< 0.7	
ND	< 0.7	ND	< 0.6	ND	< 0.6	
ND	< 0.7	ND	< 0.6	ND	< 0.8	
ND	< 0.6	ND	< 0.6	ND	< 0.7	
ND	< 0.7	ND	< 0.6	ND	< 0.7	
ND	< 0.7	ND	< 0.8	ND	< 0.7	
ND	< 0.5	ND	< 0.6	ND	< 0.5	
ND	< 0.7	ND	< 0.8	ND	< 0.8	
ND	< 0.6	ND	< 0.7	ND	< 0.6	
ND	< 0.8	ND	< 0.7	ND	< 0.8	
ND	< 0.7	ND	< 0.6	ND	< 0.7	
ND	< 0.9	ND	< 0.7	ND	< 0.9	
ND	< 0.7	ND	< 0.5	ND	< 0.7	
ND	< 0.7	ND	< 0.7	ND	< 0.8	
ND	< 0.7	ND	< 0.5	ND	< 0.7	
ND	< 0.7	ND	< 0.7	ND	< 0.6	
ND	< 0.6	ND	< 0.9	ND	< 0.8	
ND	< 0.6	ND	< 0.8	ND	< 0.6	
ND	< 0.8	ND	< 0.7	ND	< 0.6	
ND	< 0.6	ND	< 0.6	ND	< 0.7	
ND	< 0.6	ND	< 0.7	ND	< 0.6	
ND	< 0.7	ND	< 0.8	ND	< 0.8	
ND	< 0.7	ND	< 0.7	ND	< 0.9	
ND	< 0.7	ND	< 0.7	ND	< 0.7	
ND	< 0.7	ND	< 0.8	ND	< 0.7	
ND	< 0.7	ND	< 0.6	ND	< 0.7	
ND	< 0.7	ND	< 0.7	ND	< 0.6	
	検出値  Value  ND  ND  ND  ND  ND  ND  ND  ND  ND  N	Value         Detection Limit           ND         < 0.7	(131 <sub>1</sub> )   検出値   検出限界値   検出値   検出値   検出値   校出限界値   検出値     ND   < 0.7   ND     ND   < 0.9   ND     ND   < 0.8   ND     ND   < 0.7   ND     ND   < 0.5   ND     ND   < 0.6   ND     ND   < 0.6   ND     ND   < 0.8   ND     ND   < 0.8   ND     ND   < 0.7   ND     ND   < 0.6   ND     ND   < 0.7     ND   < 0.7   ND     ND   < 0.7     ND   < 0.7   ND     ND   < 0.7     ND   < 0.7   ND     ND   < 0.7   ND     ND   < 0.7   ND	(131 I) (134 Cs)   検出値   検出限界値   検出限界値   検出限界値   検出限界値   検出限界値   校出限界値   校出限界値   校出限界値   校出限界値   Value   Detection Limit   ND	(1311	

## (3) 小作浄水場 (多摩川水系)

Ozaku Purification Plant (Tamagawa River)

単位: Bq/kg

採水日	放射	性ヨウ素131 ( <sup>131</sup> I)				<u>単位:bq/ kg</u> 生セシウム137 ( <sup>137</sup> Cs)	
DIVITE	検出値	検出限界値	検出値	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	
2020/5/1	ND	< 0.6	ND	< 0.6	ND	< 0.6	
2020/5/2	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2020/5/3	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2020/5/4	ND	< 0.7	ND	< 0.6	ND	< 0.6	
2020/5/5	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2020/5/6	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2020/5/7	ND	< 0.7	ND	< 0.7	ND	< 0.6	
2020/5/8	ND	< 0.8	ND	< 0.7	ND	< 0.7	
2020/5/9	ND	< 0.8	ND	< 0.7	ND	< 0.7	
2020/5/10	ND	< 0.8	ND	< 0.8	ND	< 0.8	
2020/5/11	ND	< 0.6	ND	< 0.8	ND	< 0.7	
2020/5/12	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2020/5/13	ND	< 0.8	ND	< 0.9	ND	< 0.7	
2020/5/14	ND	< 0.8	ND	< 0.7	ND	< 0.7	
2020/5/15	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2020/5/16	ND	< 0.9	ND	< 0.8	ND	< 0.7	
2020/5/17	ND	< 0.6	ND	< 0.6	ND	< 0.6	
2020/5/18	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2020/5/19	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2020/5/20	ND	< 0.5	ND	< 0.7	ND	< 0.6	
2020/5/21	ND	< 0.6	ND	< 0.7	ND	< 0.8	
2020/5/22	ND	< 0.5	ND	< 0.8	ND	< 0.7	
2020/5/23	ND	< 0.7	ND	< 0.6	ND	< 0.8	
2020/5/24	ND	< 0.7	ND	< 0.5	ND	< 0.8	
2020/5/25	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2020/5/26	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2020/5/27	ND	< 0.7	ND	< 0.6	ND	< 0.8	
2020/5/28	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2020/5/29	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2020/5/30	ND	< 0.8	ND	< 0.7	ND	< 0.6	
2020/5/31	ND	< 0.7	ND	< 0.7	ND	< 0.7	

# (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

	放射	性ヨウ素131	放射性	生セシウム134	放射	単位:Bq/kg 生セシウム137	
採水日		$(^{131}I)$		$(^{134}Cs)$	$(^{137}Cs)$		
	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	
2020/5/1	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2020/5/2	ND	< 0.7	ND	< 0.7	ND	< 0.8	
2020/5/3	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2020/5/4	ND	< 0.6	ND	< 0.5	ND	< 0.8	
2020/5/5	ND	< 0.8	ND	< 0.7	ND	< 0.8	
2020/5/6	ND	< 0.7	ND	< 0.8	ND	< 0.7	
2020/5/7	ND	< 0.6	ND	< 0.7	ND	< 0.7	
2020/5/8	ND	< 0.7	ND	< 0.8	ND	< 0.8	
2020/5/9	ND	< 0.8	ND	< 0.6	ND	< 0.7	
2020/5/10	ND	< 0.8	ND	< 0.6	ND	< 0.9	
2020/5/11	ND	< 0.6	ND	< 0.6	ND	< 0.8	
2020/5/12	ND	< 0.7	ND	< 0.7	ND	< 0.6	
2020/5/13	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2020/5/14	ND	< 0.7	ND	< 0.7	ND	< 0.6	
2020/5/15	ND	< 0.7	ND	< 0.7	ND	< 0.8	
2020/5/16	ND	< 0.9	ND	< 0.8	ND	< 0.7	
2020/5/17	ND	< 0.7	ND	< 0.7	ND	< 0.6	
2020/5/18	ND	< 0.7	ND	< 0.7	ND	< 0.8	
2020/5/19	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2020/5/20	ND	< 0.6	ND	< 0.7	ND	< 0.8	
2020/5/21	ND	< 0.7	ND	< 0.7	ND	< 0.6	
2020/5/22	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2020/5/23	ND	< 0.7	ND	< 0.7	ND	< 1	
2020/5/24	ND	< 0.8	ND	< 0.7	ND	< 0.8	
2020/5/25	ND	< 0.7	ND	< 0.6	ND	< 0.8	
2020/5/26	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2020/5/27	ND	< 0.6	ND	< 0.4	ND	< 0.7	
2020/5/28	ND	< 0.8	ND	< 0.7	ND	< 0.8	
2020/5/29	ND	< 0.7	ND	< 0.5	ND	< 0.6	
2020/5/30	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2020/5/31	ND	< 0.7	ND	< 0.5	ND	< 0.6	

## (5)長沢浄水場 (相模川水系)

Nagasawa Purification Plant (Sagamigawa River)

単位 : Ba/kg

	41.6	W + -	47.611	1.2.2.3.104	47.611	単位: Bq/kg	
les 1 =		放射性ヨウ素131 ( <sup>131</sup> I)		生セシウム134 ( <sup>134</sup> Cs)	放射性セシウム137 ( <sup>137</sup> Cs)		
採水日							
	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	
2020/5/1	ND	< 0.7	ND	< 0.7	ND	< 0.8	
2020/5/2	ND	< 0.9	ND	< 0.8	ND	< 0.7	
2020/5/3	ND	< 0.7	ND	< 0.8	ND	< 0.5	
2020/5/4	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2020/5/5	ND	< 0.8	ND	< 0.6	ND	< 0.7	
2020/5/6	ND	< 0.8	ND	< 0.7	ND	< 0.7	
2020/5/7	ND	< 0.7	ND	< 0.8	ND	< 0.7	
2020/5/8	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2020/5/9	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2020/5/10	ND	< 0.6	ND	< 0.6	ND	< 0.8	
2020/5/11	ND	< 0.7	ND	< 0.8	ND	< 0.7	
2020/5/12	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2020/5/13	ND	< 0.6	ND	< 0.6	ND	< 0.8	
2020/5/14	ND	< 0.7	ND	< 0.7	ND	< 0.8	
2020/5/15	ND	< 0.7	ND	< 0.7	ND	< 0.6	
2020/5/16	ND	< 0.7	ND	< 0.6	ND	< 0.6	
2020/5/17	ND	< 0.8	ND	< 0.8	ND	< 1	
2020/5/18	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2020/5/19	ND	< 0.7	ND	< 0.7	ND	< 0.7	
2020/5/20	ND	< 0.6	ND	< 0.6	ND	< 0.9	
2020/5/21	ND	< 0.6	ND	< 0.7	ND	< 0.8	
2020/5/22	ND	< 0.7	ND	< 0.6	ND	< 0.8	
2020/5/23	ND	< 0.7	ND	< 0.6	ND	< 0.7	
2020/5/24	ND	< 0.7	ND	< 0.7	ND	< 0.9	
2020/5/25	ND	< 0.6	ND	< 0.6	ND	< 0.7	
2020/5/26	ND	< 0.7	ND	< 0.8	ND	< 0.8	
2020/5/27	ND	< 0.7	ND	< 0.9	ND	< 1	
2020/5/28	ND	< 0.6	ND	< 0.6	ND	< 0.6	
2020/5/29	ND	< 0.7	ND	< 0.6	ND	< 0.8	
2020/5/30	ND	< 0.9	ND	< 0.7	ND	< 0.8	
2020/5/31	ND	< 0.8	ND	< 0.9	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: 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	2020/5/13	ND	< 0.6	ND	< 0.7	ND	< 0.7
三園 Misono	荒川水系 Arakawa River	2020/5/13	ND	< 0.7	ND	< 0.7	ND	< 0.7
境 Sakai	多摩川水系 Tamagawa River	2020/5/13	ND	< 0.7	ND	< 0.6	ND	< 0.7
砧 Kinuta	多摩川水系 Tamagawa River	2020/5/13	ND	< 0.7	ND	< 0.7	ND	< 0.9
砧下 Kinutashimo	多摩川水系 Tamagawa River	2020/5/13	ND	< 0.7	ND	< 0.8	ND	< 0.6

※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

 $\frak{2}$ 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 " $\langle 0.8 \rangle$ " 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。