August 24, 2023
TEPCO Holdings
Fukushima Daiichi D&D Engineering Company

Analysis Results of the Water in the Discharge Vertical Shaft (Upper-stream Storage)

Summary		
	Analysis Value	43～63（Bq/L） (confirmed to be less than 1,500 Bq/L)
	Comparison with calculated value	Confirmed to be consistent with calculated value (53～210 Bq/L)*3

Nuclide	Date and Time of Sampling	Analysis Results					
		TEPCO HD			JAEA *2		
		Analysis Value (Bq/L)	Uncertainty *1 (Bq/L)	Detection Limit (Bq/L)	Analysis Value (Bq/L)	Uncertainty *1 (Bq/L)	Detection Limit (Bq/L)
H-3	2023/08/22 20:34	5.3E+01	± 9.8E+00	5.9E+00	4.8E+01	± 1.0E+01	1.6E+01

・ Values are expressed in exponential notation.
For example, "3.1E+01" means "3.1×10^{1}" and equals 31. Similarly, “3.1E+00” means “$3.1x10^{0}$” and equals 3.1, and “3.1E-01” means “$3.1x10^{-1}$” and equals 0.31.

*1 “Uncertainty” refers to the accuracy of analysis data.
“Uncertainty” is calculated using “Expanded Uncertainty: Coverage Factor k=2”.

*2 Analysis results from the Okuma Analysis and Research Center of the Japan Atomic Energy Agency, a National Research and Development Agency, which are based on the basic policy on handling of ALPS treated water.

*3 Analysis value (53±9.8≒43~63) is within the calculated value which is taken into account of uncertainty of mixed dilution.