

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

Summary	Analysis Value	63~87 (Bq/L) (confirmed to be less than 1,500 Bq/L)
	Comparison with calculated value	Confirmed to be consistent with calculated value (53~212Bq/L)*3

Radioactivity Analysis: Tritium

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	2023/10/03 14:07	7.5E+01	± 1.2E+01	6.7E+00	7.8E+01	± 1.8E+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 " 3.1×10^0 " and equals 3.1, and "3.1E-01" means " 3.1×10^{-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 ($75 \pm 12 \approx 63 \sim 87$) is within the calculated value (53~212) which is taken into account of uncertainty of mixed dilution.