

May 08, 2024

TEPCO Holdings

Fukushima Daiichi D&D Engineering Company

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

Summary	Analysis Value	—	(Bq/L) (confirmed to be less than 1,500 Bq/L)
	Comparison with calculated value	—	*2

Radioactivity Analysis: Tritium

Nuclide	Date and Time of Sampling	Analysis Results		
		Analysis Value (Bq/L)	Uncertainty *1 (Bq/L)	Detection Limit (Bq/L)
H-3	2024/05/07 12:02	ND	—	4.9E+00

• Values are expressed in exponential notation.

For example, "3.1E+01" means "3.1×10¹" and equals 31. Similarly, "3.1E+00" means "3.1×10⁰" 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 "Calculated Value" is the value calculated from the tritium concentration measured at the measurement/confirmation facility and the flow rate ratio of the ALPS treated water to the seawater. While filtrated water was flowing through the ALPS treated water transfer line to flush the remaining ALPS treated water, calculated value was calculated based on the assumption that all the water flowing through the line was ALPS treated water and the filtrated water was disregarded. Therefore, calculated value cannot compared with analysis value.