

Analysis results of temporary storage tanks for groundwater bypass at Fukushima Daiichi Nuclear Power Station

Unit: Bq/L

	Gr2 (Group 2)		Operational targets	※1 Notification limit	* WHO guidelines for drinking-water quality
	TEPCO	Third party organization			
Date of Sampling	Dec 5, 2014	Dec 5, 2014			
Time of Sampling	9:53 AM	9:53 AM			
The volume of water in storage [m ³]	2,330	2,330			
Cs-134	ND(0.62)	ND(0.79)	1	60	10
Cs-137	ND(0.60)	ND(0.55)	1	90	10
Other Gamma Nuclides	Not detected	Not detected	Not to be detected		
Gross β	ND(0.88)	ND(0.55)	5(1)(note)		
Tritium	110	110	1,500	60,000	10,000

* Third party: Japan Chemical Analysis Center

* "ND" indicates that the measurement result is below the detection limit, as of individual Nuclide, detection limit level is showed in parenthesis.

(Note) The detection limit value for Grossβ of operational targets are defined as "Less than 1 Bq/L", when sampled once in around 10 days.

*1 Notified Concentration Limit Values: Specified in the rules for the safety and maintenance of nuclear reactor facilities and the protection of specialized nuclear fuel materials in TEPCO Fukushima Daiichi Nuclear Power Station.

(Clause 6, Section 2 in appendix: Concentration limit value in the water outside the supervised area (Values shown in the table are converted to Bq/L from Bq/cm³))

*2 Other gamma nuclides (except naturally-occurring nuclides) must not be detected during the analysis Cs-134 and Cs-137.