

Analysis Results of Temporary Storage Tanks for Groudwater Bypass at Fukushima Daiichi Nuclear Power Station

Unit: Bq/L

	Gr1 (Group 1)		Operational Target	Notified density limit ^{*1}	WHO Drinking water quality guidelines
	TEPCO	Third party			
Sampling date	May 28, 2014	May 28, 2014			
Sampling time	2:12 PM	2:12 PM			
Stored amount [m ³]	2,100	2,100			
Cesium134	ND (0.66)	ND (0.56)	1	60	10
Cesium137	ND (0.63)	ND (0.61)	1	90	10
γ nuclide and others	Not detected	Not detected	Not to be detected ^{*2}		
Gross β	ND (0.84)	ND (0.48)	5 (1) ^(note)		
Tritium	170	190	1,500	60,000	10,000

* Third party: Japan Chemical Analysis Center

* "ND" indicates that the measurement result is below the detection limit, which is shown in parentheses.

(note): Operational target for gross β is measured with the detection limit value at 1 Bq/L once per 10days.

*¹: Limit values specified in the Rules for safety and maintenance of nuclear reactor facilities and protection of specified nuclear fuel materials in TEPCO Fukushima Daiichi Nuclear Power Station.

(Clause 6, Article 2 in Appendix: Density limit of water outside the environment surveillance area (values shown in the table are converted to Bq/L from Bq/cm³))

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