

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

Unit: Bq/L

	TEPCO	Third party organization	Operational targets	※1 Notification limit	WHO guidelines for drinking-water quality
Date of Sampling	Oct 4, 2014	Oct 4, 2014			
Time of Sampling	9:58 AM	9:58 AM			
Cs-134	ND(0.0039)	ND(0.0064)	1	60	10
Cs-137	0.0042	0.0051	1	90	10
Gross α	ND(2.5)	ND(3.1)	—		
Gross β	ND(0.80)	ND(0.55)	5(1) ^(Note)		
Tritium	160	160	1,500	60,000	10,000
Sr-90	ND(0.0013)	ND(0.0051)	—	30	10

* 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 per approx. 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))