

Sampling Results Regarding the Discharge of Groundwater Bypass at Fukushima Daiichi Nuclear Power Station (Around South Water Outlet)

Unit: Bq/L

	Seawater of the south water outlet <small>Note</small> (near the drainage channel exit) (T-2)
Sampling date	Oct 3, 2014
State	During discharge
Sampling time	11:20 AM
Cesium 134	ND(0.64)
Cesium 137	ND(0.62)
Gross β	10
Tritium	ND(1.6)

Note: Approx. 330m south from Unit 1-4 water outlet (T-2)

* "ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.

(Reference) Analysis results of temporary storage tanks for groundwater bypass at Fukushima Daiichi Nuclear Power Station*

Unit: Bq/L

	Gr1 (Group 1)		Operational targets	Notification limit ^{*1}	WHO guidelines for drinking-water quality
	TEPCO	Third party organization			
Sampling date	Sep 24, 2014	Sep 24, 2014			
Sampling time	10:00 AM	10:00 AM			
The volume of water in storage [m ³]	2,090	2,090			
Cesium 134	ND(0.54)	ND(0.71)	1	60	10
Cesium 137	ND(0.58)	ND(0.46)	1	90	10
Other Gamma Nuclide	Not detected	Not detected	Not to be detected ^{*2}		
Gross β	ND(0.90)	ND(0.64)	5 (1) (Note)		
Tritium	160	170	1,500	60,000	10,000

* The results were previously announced on October 2, 2014.

* Third party: Japan Chemical Analysis Center

* "ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.

(Note) The detection limit value for Gross β 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))

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

