

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

<Reference>  
September 10, 2014  
Tokyo Electric Power Company

Unit: Bq/L

	Seawater of the south water outlet Note (near the drainage channel exit) (T-2)
Sampling date	Sep 8, 2014
State	During discharge
Sampling time	11:10 AM
Cesium 134	ND(0.66)
Cesium 137	ND(0.56)
Gross $\beta$	12
Tritium	ND(1.8)

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

	Gr2 (Group 2)		Operational targets	Notification limit <sup>*1</sup>	WHO guidelines for drinking-water quality
	TEPCO	Third party organization			
Sampling date	Aug 30, 2014	Aug 30, 2014			
Sampling time	9:55 AM	9:55 AM			
The volume of water in storage [m <sup>3</sup> ]	2,310	2,310			
Cesium 134	ND(0.67)	ND(0.60)	1	60	10
Cesium 137	ND(0.70)	ND(0.64)	1	90	10
Other Gamma Nuclide	Not detected	Not detected	Not to be detected <sup>*2</sup>		
Gross $\beta$	ND(0.80)	ND(0.49)	5(1)(Note)		
Tritium	260	260	1,500	60,000	10,000

\* The results were previously announced on September 7.

\* 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 $\beta$  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.

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

