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

<Reference>
July 16, 2014
Tokyo Electric Power Company

Unit: Bq/L

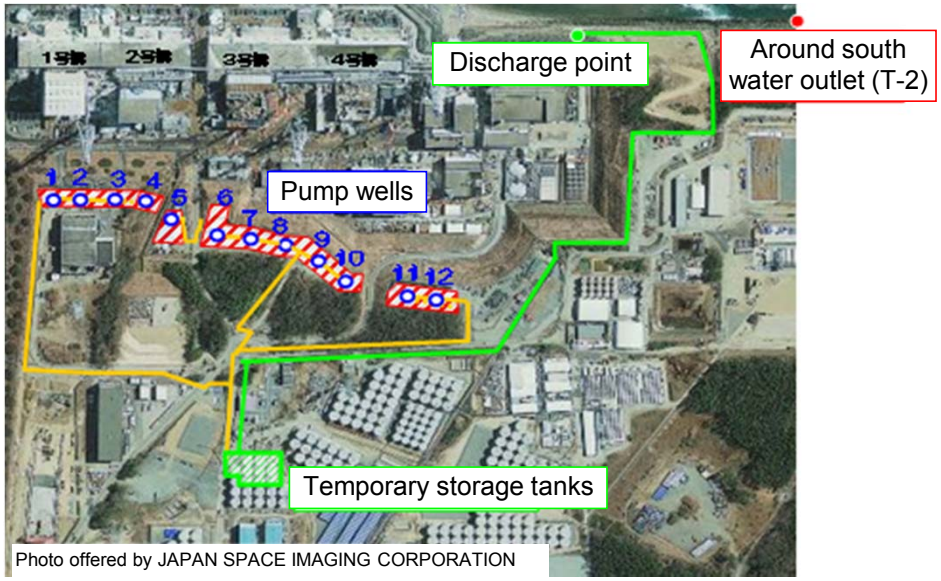
	Seawater of the south water outlet Note (near the drainage channel exit) (T-2)
Sampling date	Jul 14, 2014
State	During discharge
Sampling time	12:15 PM
Cesium 134	ND(0.74)
Cesium 137	ND(0.63)
Gross β	10
Tritium	ND(1.6)

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

	Gr2 (Group 2)		Operatinal targets	Notification limit *1	WHO guidelines for drinking-water quality
	TEPCO	Third party organization			
Sampling date	Jul 3, 2014	Jul 3, 2014			
Sampling time	10:16 AM	10:16 AM			
The volume of water in storage [m^3]	2,340	2,340			
Cesium 134	ND(0.65)	ND(0.75)	1	60	10
Cesium 137	ND(0.63)	ND(0.61)	1	90	10
Other Gamma Nuclide	Not detected	Not detected	Not to be detected *2		
Gross β	ND(0.80)	ND(0.59)	5(1) (Note)		
Tritium	320	300	1,500	60,000	10,000



* The results were previously announced on July 13.
* 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 Grossβ of operational targets are defined as "Less than 1 Bq/L", when sampled approx. once per 10 days.
*1 Notified Concentration Limit Values: Specified in the rules for the safety and maintenance of nuclear reactor facilities and the protectection 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.