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

<Reference>
September 25, 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 23, 2014
State	During discharge
Sampling time	11:20 AM
Cesium 134	ND(0.69)
Cesium 137	ND(0.73)
Gross β	14
Tritium	ND(1.9)

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

	Gr3 (Group 3)		Operatinal targets	Notification limit *1	WHO guidelines for drinking-water quality
	TEPCO	Third party organization			
Sampling date	Sep 14, 2014	Sep 14, 2014			
Sampling time	9:56 AM	9:56 AM			
The volume of water in storage [m^3]	2,170	2,170			
Cesium 134	ND(0.68)	ND(0.89)	1	60	10
Cesium 137	ND(0.68)	ND(0.55)	1	90	10
Other Gamma Nuclide	検出なし	検出なし	Not to be detected *2		
Gross β	ND(0.90)	ND(0.56)	5(1) (Note)		
Tritium	180	190	1,500	60,000	10,000

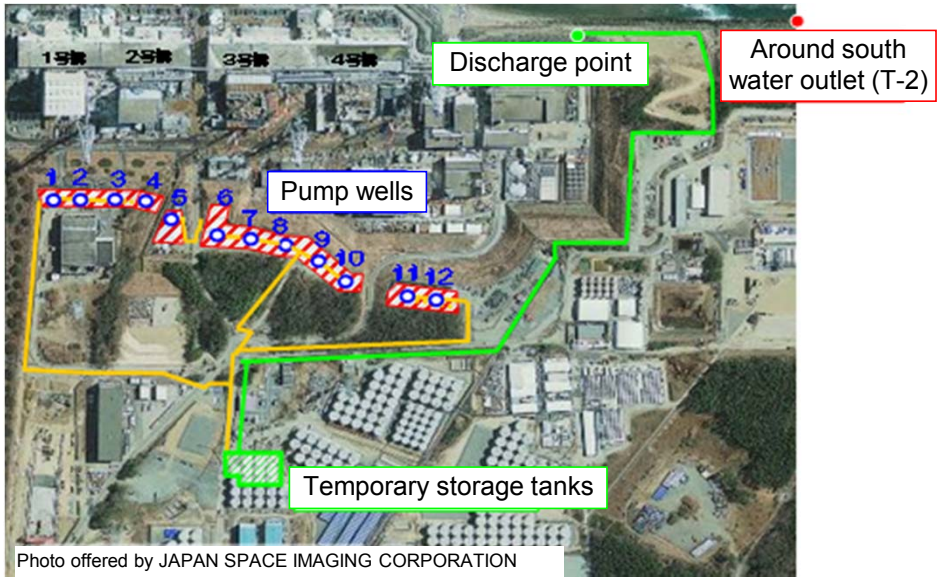

Photo offered by JAPAN SPACE IMAGING CORPORATION

* The results were previously announced on September 22.
* 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.