

# 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 8, 2014
State	During discharge
Sampling time	2:20 PM
Cesium 134	ND(0.76)
Cesium 137	ND(0.53)
Gross $\beta$	11
Tritium	ND(1.7)

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 <sup>*1</sup>	WHO guidelines for drinking-water quality
	TEPCO	Third party organization			
Sampling date	Sep 29, 2014	Sep 29, 2014			
Sampling time	9:56 AM	9:56 AM			
The volume of water in storage [m <sup>3</sup> ]	2,100	2,100			
Cesium 134	ND(0.67)	ND(0.79)	1	60	10
Cesium 137	ND(0.58)	ND(0.59)	1	90	10
Other Gamma Nuclide	Not detected	Not detected	Not to be detected <sup>*2</sup>		
Gross $\beta$	ND(0.88)	ND(0.52)	5 (1) (Note)		
Tritium	190	190	1,500	60,000	10,000

\* The results were previously announced on October 7, 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 $\beta$  of operational targets are defined as "Less than 1 Bq/L", when sampled once per approx. 10 days.

<sup>\*1</sup> 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/cm<sup>3</sup>))

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

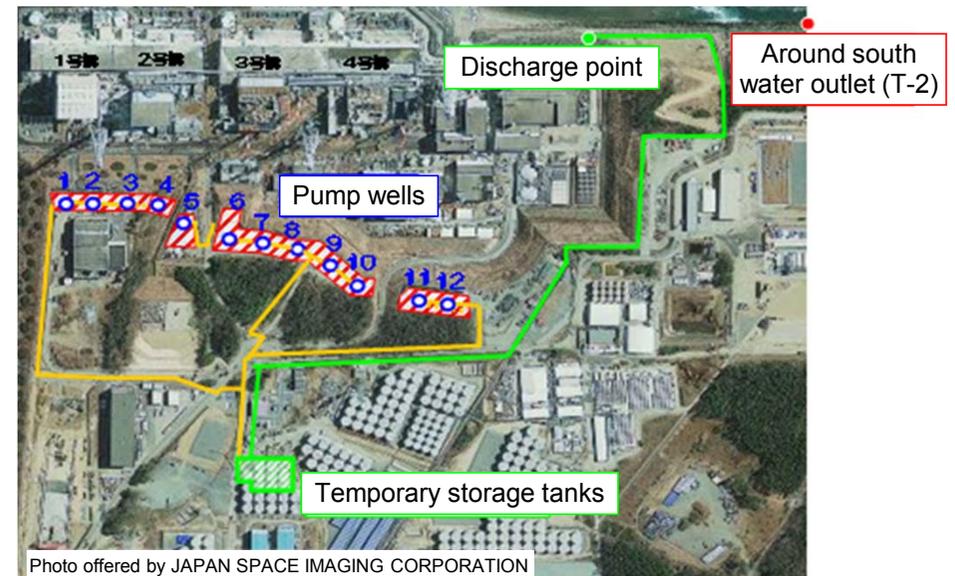


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