

**Results of weighted average sample analysis for groundwater bypass
at Fukushima Daiichi Nuclear Power Station
(As of October, 2014)**

Unit: Bq/L

	TEPCO	Third party organization	Operational targets	※1 Notification limit	WHO guidelines for drinking-water quality
Cs-134	0.0043	ND(0.0075)	1	60	10
Cs-137	0.01	0.0079	1	90	10
Gross α	ND(2.6)	ND(3.2)	—		
Gross β	ND(0.88)	ND(0.54)	5(1)(Note)		
Tritium	170	170	1,500	60,000	10,000
Sr-90	ND(0.0016)	ND(0.0052)	—	30	10

* Third party: Japan Chemical Analysis Center

* "ND" indicates that the measurement result is below the detection limit, as of individual Nuclide, detection limit level is showed in parenthesis.

(Note) The detection limit value for Grossβ 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))

(Note) Weighted average sample means the sample which mixed the sample gathered before drainage in a ratio proportional to the displacement of each time.

<Reference> Total displacement (As of October, 2014)

Unit: m³

Gr1 (Group 1)		Gr2 (Group 2)		Gr3 (Group 3)	
Date	Displacement	Date	Displacement	Date	Displacement
Oct 3, 2014	1,541	Oct 13, 2014	1,512	Oct 8, 2014	1,557
Oct 18, 2014	1,545	Oct 28, 2014	1,625	Oct 23, 2014	1,638
Total	3,086	Total	3,137	Total	3,195