

Results of purification performance confirmation test of subdrain water treatment facilities

Unit: Bq/L

	before purification	after purification	Operational targets	※1 Notification limit	WHO guidelines for drinking-water quality
Date of Sampling	Sep 26, 2014	Sep 26, 2014			
Time of Sampling	3:30 PM	3:30 PM			
Cs-134	50	ND(0.71)	1	60	10
Cs-137	160	ND(0.58)	1	90	10
Other Gamma Nuclide	ND	ND	※2 Not to be detected		
Gross β	260	ND(0.80)	5(1) (Note)		
Tritium	530	620	1,500	60,000	10,000

Analyzed sample is pumped water which is part of "STEP3-2: system running test". The test has been implemented since September 16, 2014.

* "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 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))

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