

Detailed analysis results regarding the water quality of the groundwater being pumped out for by-passing at Fukushima Daiichi Nuclear Power Station

May 14, 2014
(Unit: Bq/L)

Analytical body	JAEA	Japan Chemical Analysis Center	TEPCO
Cs-134	0.015	0.022	0.016
Cs-137	0.044	0.039	0.047
Gross α	ND (0.057)	ND (3.1)	ND (2.5)
Gross β	ND (0.1)	ND (0.61)	ND (0.88)
H-3	240	230	220
Sr-90	0.013	0.011	0.013

- * The Government of Japan requested JAEA to make the detailed analysis.
- * Sampled at 10:53 on April 15, 2014
- * ND represents a value below the detection limit; values in () represent the detection limit

(Reference)

(Unit: Bq/L)

	Operational targets	Legal discharge limit	WHO Guidelines for Drinking Water Quality
Cs-134	1	60	10
Cs-137	1	90	10
Gross α	—	—	—
Gross β	5 (1)※	—	—
H-3	1,500	60,000	10,000
Sr-90	—	30	10

- ※ The operational target of Gross β is 1 Bq/L in the survey which is conducted once every ten days.