

Transition of Radioactive Density After Filtration Treatment of the Samples Obtained in the "Groundwater Observation Hole No.1-2" Near the Bank Protection at Fukushima Daiichi Nuclear Power Station

(Unit: Bq/L)

	Groundwater observation hole No.1-2
Date of sampling	Jul 5, 2013
Time of sampling	12:10 PM
Treatment	Without filtration
Cs-134 (Approx. 2 years)	99
Cs-137 (Approx.30 years)	210
All β	900,000

	Groundwater observation hole No.1-2		Comparison
Date of sampling	Jul 8, 2013		
Time of sampling	2:00 PM		
Treatment	Without filtration (①)	Filtration* (②)	②/①
Cs-134 (Approx. 2 years)	9,000	94	0.01
Cs-137 (Approx.30 years)	18,000	190	0.01
All β	890,000	Under analysis	

	Groundwater observation hole No.1-2		Comparison
Date of sampling	Jul 9, 2013		
Time of sampling	1:00 PM		
Treatment	Without filtration (①)	Filtration* (②)	②/①
Cs-134 (Approx. 2 years)	11,000	130	0.01
Cs-137 (Approx.30 years)	22,000	270	0.01
All β	900,000	890,000	0.99

Reference
Groundwater observation hole No.1-2
Jul 9, 2013
1:00 PM
Residue after filtration
10,000
20,000
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* 0.45μm filter is used in the filtration,

* "-" indicates that the measurement was out of range.