

Nuclide analysis results of water at water treatment facility

Unit: (Bq/cm³)

Name of Sample	Highly concentrated contaminated water at the basement of Central Radioactive Waste Treatment Facility (Accumulated water)	Treated water at Cesium Adsorption Apparatus	Highly concentrated contaminated water at the basement of High Temperature Incinerator Building (Accumulated water)	Treated water of System A at 2nd Cesium Adsorption Apparatus	Treated water of System B at 2nd Cesium Adsorption Apparatus	Water at inlet of water desalinations	Water at outlet of water desalinations	Concentrated Water at water desalinations	Water at outlet of evaporative concentration apparatus	Concentrated waste water at evaporative concentration apparatus	
	Date of Sampling	7:10 AM on July 17, 2012	July 2012 (Not sampled)	7:00 AM on July 17, 2012	6:40 AM on July 17, 2012	6:40 AM on July 17, 2012	6:30 AM on July 17, 2012	6:20 AM on July 17, 2012	6:25 AM on July 17, 2012	July 2012 (Not sampled)	July 2012 (Not sampled)
γ Nuclides	I-131 (Approx. 8 days)	ND	-	ND	ND	ND	ND	ND	ND	-	-
	Cs-134 (Approx. 2 years)	4.5E+04	-	3.0E+04	ND	ND	4.0E+00	ND	4.2E+00	-	-
	Cs-137 (Approx. 30 years)	6.8E+04	-	4.7E+04	ND	ND	5.0E+00	ND	1.1E+01	-	-
	Mn-54 (Approx. 310 days)	ND	-	ND	1.3E+00	1.3E+00	3.9E+00	ND	ND	-	-
	Co-58 (Approx. 71 days)	ND	-	ND	ND	ND	ND	ND	ND	-	-
	Co-60 (Approx. 5 years)	ND	-	ND	2.2E+00	2.2E+00	3.5E+00	ND	ND	-	-
	Ru-103 (Approx. 40 days)	ND	-	ND	ND	ND	ND	ND	ND	-	-
	Ru-106 (Approx. 370 days)	ND	-	ND	2.8E+00	3.1E+00	2.2E+01	ND	ND	-	-
	Sb-124 (Approx. 60 days)	ND	-	ND	ND	ND	ND	ND	ND	-	-
	Sb-125 (Approx. 3 yrs)	ND	-	ND	3.5E+01	3.6E+01	6.6E+01	9.1E-02	1.2E+02	-	-
	Ba-140 (Approx. 13 days)	ND	-	ND	ND	ND	ND	ND	ND	-	-
La-140 (Approx. 40 hrs)	ND	-	ND	ND	ND	ND	ND	ND	-	-	
H-3 (approx. 12yrs)	-	-	-	-	-	1.9E+03	1.9E+03	1.8E+03	-	-	
All β	-	-	-	-	-	2.4E+05	3.2E+01	3.3E+05	-	-	

* E± means the same as ×10[±].

* "ND" indicates that the measurement result is below the detection limit.

* The half-life of each nuclide is provided in parenthesis.

* , and were not sampled since the apparatus was under suspension.