

Nuclide Analysis Results of Water at Water Treatment Facilities

Unit: (Bq/cm³)

Name of Sample		①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
		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		May 6, 2014 11:00 PM	May 20, 2014 11:15 AM	May 6, 2014 10:40 PM	May 6, 2014 10:20 AM	May 6, 2014 10:20 AM	May 6, 2014 10:00 AM	May 6, 2014 10:00 AM	May 6, 2014 10:00 AM	May 2014 (Not sampled)	May 2014 (Not sampled)
γNuclide	I-131 (Approx. 8 days)	ND	ND	ND	ND	ND	ND	ND	ND	—	—
	Cs-134 (Approx. 2 years)	9.3E+03	ND	8.3E+03	1.5E-01	1.4E-01	ND	ND	1.1E+00	—	—
	Cs-137 (Approx. 30 years)	2.5E+04	8.9E-01	2.9E+04	2.9E-01	2.6E-01	2.0E+00	ND	2.4E+00	—	—
	Mn-54 (Approx. 310 days)	ND	ND	ND	1.2E-01	1.1E-01	ND	ND	ND	—	—
	Co-58 (Approx. 71 days)	ND	ND	ND	ND	ND	ND	ND	ND	—	—
	Co-60 (Approx. 5 years)	ND	2.1E-01	ND	1.9E+00	1.4E+00	2.5E+00	ND	5.8E-01	—	—
	Ru-103 (Approx. 40 days)	ND	ND	ND	ND	ND	ND	ND	ND	—	—
	Ru-106 (Approx. 370 days)	ND	ND	ND	ND	5.5E-01	3.2E+00	ND	ND	—	—
	Sb-124 (Approx. 60 days)	ND	ND	ND	ND	ND	ND	ND	ND	—	—
	Sb-125 (Approx. 3 yrs)	ND	5.3E+00	ND	6.1E+00	5.8E+00	5.2E+00	ND	1.2E+01	—	—
	Ba-140 (Approx. 13 days)	ND	ND	ND	ND	ND	ND	ND	ND	—	—
La-140 (Approx. 40 hrs)	ND	ND	ND	ND	ND	ND	ND	ND	—	—	
H-3 (approx. 12yrs)		—	—	—	—	—	3.6E+02	3.6E+02	3.6E+02	—	—
Gross β radiations		—	—	—	—	—	2.9E+04	3.9E+00	4.1E+04	—	—

* ○.○E±○ is the same as ○.○×10^{±○}.

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

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

* As for ⑨ and ⑩, sampling was not conducted since the device is under suspension.