

Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

I-131 (Bq/cm³)

Sam pling point ↑	After transfer																				
	6/26	6/27	6/28	6/29	6/30	7/1	7/2	7/3	7/4	7/5	7/6	7/7	7/8	7/9	7/10	7/11	7/12				
①	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
②	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
③	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
④	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
⑤	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-				
⑦	ND	ND	0.017	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
⑧	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				

Cs-134 (Bq/cm³)

Sam pling point ↑	After transfer																				
	6/26	6/27	6/28	6/29	6/30	7/1	7/2	7/3	7/4	7/5	7/6	7/7	7/8	7/9	7/10	7/11	7/12				
①	ND	ND	ND	0.014	ND	ND	0.036	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
②	ND	ND	ND	0.008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
③	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.13	ND	ND	ND	ND	ND	ND	ND				
④	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
⑤	0.11	0.041	0.083	0.028	0.03	0.085	0.034	0.056	0.051	0.077	0.071	ND	ND	0.081	ND	0.08	0.043				
⑥	-	ND	-	-	-	-	-	-	0.039	-	-	-	-	-	-	ND	-				
⑦	0.27	0.36	0.38	0.4	0.32	0.22	0.46	0.2	0.21	0.14	0.53	0.41	0.32	0.5	0.27	0.53	0.31				
⑧	0.037	0.03	0.035	ND	0.035	ND	0.06	ND	ND	ND	ND	0.043	0.036	ND	ND	0.028	ND				

Cs-137 (Bq/cm³)

Sam pling point ↑	After transfer																				
	6/26	6/27	6/28	6/29	6/30	7/1	7/2	7/3	7/4	7/5	7/6	7/7	7/8	7/9	7/10	7/11	7/12				
①	ND	0.021	ND	0.024	0.023	ND	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
②	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
③	ND	ND	0.024	0.02	ND	ND	ND	ND	ND	0.13	ND	ND	ND	ND	ND	ND	ND				
④	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
⑤	0.11	0.054	0.075	0.054	0.044	0.098	ND	0.067	0.031	0.094	0.12	ND	ND	0.082	ND	0.12	0.039				
⑥	-	ND	-	-	-	-	-	-	0.045	-	-	-	-	-	-	ND	-				
⑦	0.32	0.4	0.41	0.47	0.37	0.3	0.51	0.25	0.26	0.26	0.57	0.44	0.35	0.57	0.32	0.58	0.34				
⑧	0.032	0.034	0.027	0.035	0.039	0.038	0.039	ND	ND	ND	ND	0.055	0.049	ND	ND	0.051	ND				

* Hyphen "-" indicates that neither sampling nor measurements were implemented.

* Sampling at Southwest part of the On-site Bunker Building (⑥) was conducted as upstream of the groundwater once a week from April 29 since it was unable to sample at Southwest of the Process Main Building (④).

* In this analysis, "ND" means that the results fall below the measurable threshold. (I-131: approx. 0.02Bq/cm³, Cs-134: approx. 0.03Bq/cm³, and Cs-137: approx. 0.04Bq/cm³) (as of July 12). Please note that these nuclides are sometimes detected even when they are below the threshold, contingent on the detector or samples.

* We have been sampling at ⑦ since May 26, for it is located downstream of the groundwater.

* We have been sampling at ⑧ since May 30.

- <Place of sampling>
- ① Southeast part of Unit 4 Turbine Building
 - ② Northeast part of Process Main Building
 - ③ Southeast part of Process Main Building
 - ④ Southwest part of Process Main Building
 - ⑤ South part of Miscellaneous Solid Waste Volume Reduction Treatment Building
 - ⑥ Southwest part of On-site Bunker Building
 - ⑦ West part of Incineration Workshop Building
 - ⑧ North part of Miscellaneous Solid Waste Volume Reduction Treatment Building