

Nuclides Analysis Result of the Sub-drain Water in the Surroundings of the Central Radioactive Waste Treatment Facility

I-131(Bq/cm³)

Sampling Location	After transfer																				
	Apr 21	Apr 22	Apr 23	Apr 24	Apr 25	Apr 26	Apr 27	Apr 28	Apr 29	Apr 30	May 1	May 2	May 3	May 4	May 5	May 6	May 7				
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	ND	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				
⑨	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				

Cs-134(Bq/cm³)

Sampling Location																					
	Apr 21	Apr 22	Apr 23	Apr 24	Apr 25	Apr 26	Apr 27	Apr 28	Apr 29	Apr 30	May 1	May 2	May 3	May 4	May 5	May 6	May 7				
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	0.056	0.069	0.056	0.041	0.039	0.06	0.052	0.065	0.067	0.033	0.02	0.054	0.064	0.056	0.059	0.044	0.04				
⑧	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
⑨	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				

Cs-137(Bq/cm³)

Sampling Location																					
	Apr 21	Apr 22	Apr 23	Apr 24	Apr 25	Apr 26	Apr 27	Apr 28	Apr 29	Apr 30	May 1	May 2	May 3	May 4	May 5	May 6	May 7				
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	0.12	0.12	0.13	0.1	0.089	0.1	0.1	0.13	0.12	0.077	0.056	0.12	0.13	0.093	0.14	0.062	0.09				
⑧	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
⑨	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				

* Hyphen "-" indicates that neither sampling nor measurement was implemented.
 * ⑥ was selected as a sampling location in the upstream of groundwater (sampling done once a week starting from April 29, 2011) since it became unable to do sampling at ④.
 * Sampling at ⑦ (located in the downstream of the groundwater) has been done since May 26, 2011.
 * Sampling at ⑧ since May 30, 2011
 * Sampling at ⑨ has been done since August 2, 2011
 * "ND" indicates that the measurement result is below the detection limit.

I-131: Approx. 0.009Bq/cm³, Cs-134: Approx.0.02Bq/cm³, Cs-137: Approx.0.02Bq/cm³ (May 7, 2013)
 As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

- <Place of Sampling>
 ① Southeast of Unit 4 Turbine Building
 ② Northeast of the Process Main Building
 ③ Southeast of the Process Main Building
 ④ Southwest of the Process Main Building
 ⑤ South Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building
 ⑥ Southwest Part of the On-site Bunker Building
 ⑦ West Side of the Incineration Workshop Building
 ⑧ North Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building
 ⑨ Southeast Part of the On-site Bunker Building