

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

I-131(Bq/cm³)

Sampling Location	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####						
①	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						
③	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						
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-						
⑦	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						
⑨	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						

Cs-134(Bq/cm³)

Sampling Location	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####						
①	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						
③	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						
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-						
⑦	0.031	0.033	0.028	0.027	0.02	0.033	0.056	0.024	0.042	0.019	0.02	0.028	0.028	0.028	0.025						
⑧	0.021	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						

Cs-137(Bq/cm³)

Sampling Location	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####						
①	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.024						
②	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						
④	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
⑤	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-						
⑦	0.079	0.097	0.056	0.076	0.05	0.093	0.13	0.069	0.1	0.071	0.079	0.075	0.078	0.099	0.056						
⑧	0.074	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						

- * 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. 0.008Bq/cm³, Cs-134: Approx. 0.01Bq/cm³, Cs-137: Approx. 0.02Bq/cm³ (May 18, 2014)

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