

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

I-131(Bq/cm<sup>3</sup>)

Sampling Location	Jul 7	Jul 8	Jul 9	Jul 10	Jul 11	Jul 12	Jul 13	Jul 14	Jul 15	Jul 16	Jul 17	Jul 18	Jul 19	Jul 20	Jul 21						
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/cm<sup>3</sup>)

Sampling Location	Jul 7	Jul 8	Jul 9	Jul 10	Jul 11	Jul 12	Jul 13	Jul 14	Jul 15	Jul 16	Jul 17	Jul 18	Jul 19	Jul 20	Jul 21						
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	0.047	0.051	0.067	0.06	0.065	0.049	0.035	0.045	0.081	0.051	0.058	0.035	0.094	0.077	0.091						
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-137(Bq/cm<sup>3</sup>)

Sampling Location	Jul 7	Jul 8	Jul 9	Jul 10	Jul 11	Jul 12	Jul 13	Jul 14	Jul 15	Jul 16	Jul 17	Jul 18	Jul 19	Jul 20	Jul 21						
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	0.096	0.1	0.17	0.1	0.12	0.12	0.087	0.11	0.19	0.12	0.13	0.099	0.2	0.16	0.24						
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						

\* 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. 0.01Bq/cm<sup>3</sup>, Cs-134: Approx.0.02Bq/cm<sup>3</sup>, Cs-137: Approx.0.02Bq/cm<sup>3</sup> (July 21, 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