

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

I-131(Bq/cm³)

Sampling Location	Aug 4	Aug 5	Aug 6	Aug 7	Aug 8	Aug 9	Aug 10	Aug 11	Aug 12	Aug 13	Aug 14	Aug 15	Aug 16	Aug 17	Aug 18	Aug 19	Aug 20	Aug 21	Aug 22				
①	ND	ND	ND	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	ND	ND	ND	ND		
③	ND	ND	ND	ND	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	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	ND	ND	ND	ND		
⑧	ND	ND	ND	ND	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	ND	ND	ND	ND		

Cs-134(Bq/cm³)

Sampling Location	Aug 4	Aug 5	Aug 6	Aug 7	Aug 8	Aug 9	Aug 10	Aug 11	Aug 12	Aug 13	Aug 14	Aug 15	Aug 16	Aug 17	Aug 18	Aug 19	Aug 20	Aug 21	Aug 22				
①	ND	ND	ND	ND	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	ND	ND	ND	ND		
③	ND	ND	ND	ND	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	ND	ND	ND	ND		
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-		
⑦	0.1	0.061	0.045	0.071	0.079	0.068	0.037	0.058	0.051	0.063	0.087	0.044	0.052	0.038	0.062	0.072	0.043	0.035	0.042				
⑧	ND	ND	ND	ND	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	ND	ND	ND	ND		

Cs-137(Bq/cm³)

Sampling Location	Aug 4	Aug 5	Aug 6	Aug 7	Aug 8	Aug 9	Aug 10	Aug 11	Aug 12	Aug 13	Aug 14	Aug 15	Aug 16	Aug 17	Aug 18	Aug 19	Aug 20	Aug 21	Aug 22				
①	ND	ND	ND	ND	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	ND	ND	ND	ND		
③	ND	ND	ND	ND	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	ND	ND	ND	ND		
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-		
⑦	0.24	0.14	0.077	0.16	0.17	0.13	0.084	0.15	0.12	0.13	0.19	0.094	0.12	0.074	0.13	0.13	0.085	0.1	0.12				
⑧	ND	ND	ND	ND	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	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/cm³, Cs-134: Approx.0.02Bq/cm³, Cs-137: Approx.0.02Bq/cm³ (August 22, 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