

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																								
	Aug 12	Aug 13	Aug 14	Aug 15	Aug 16	Aug 17	Aug 18	Aug 19	Aug 20	Aug 21	Aug 22	Aug 23	Aug 24	Aug 25	Aug 26										
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND										
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND										
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND										
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND										
	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-										
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND										
	ND	ND	ND	ND	ND	ND	ND	ND	ND	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 12	Aug 13	Aug 14	Aug 15	Aug 16	Aug 17	Aug 18	Aug 19	Aug 20	Aug 21	Aug 22	Aug 23	Aug 24	Aug 25	Aug 26										
	ND	0.022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND										
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND										
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND										
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND										
	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-										
	0.13	0.13	0.13	0.13	0.13	0.12	0.1	0.12	0.11	0.14	0.11	0.13	0.12	0.057	0.12										
	ND	ND	ND	ND	ND	ND	ND	ND	ND	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 12	Aug 13	Aug 14	Aug 15	Aug 16	Aug 17	Aug 18	Aug 19	Aug 20	Aug 21	Aug 22	Aug 23	Aug 24	Aug 25	Aug 26										
	ND	0.038	ND	0.028	ND	0.033	ND	ND	ND	ND	ND	ND	ND	ND	ND										
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND										
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND										
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND										
	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-										
	0.21	0.21	0.18	0.21	0.18	0.19	0.19	0.21	0.19	0.21	0.19	0.2	0.19	0.075	0.23										
	ND	ND	0.032	0.026	ND	ND	ND	0.028	ND	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.

* 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 .

* Sampling at (located in the downstream of the groundwater) has been done since May 26, 2011.

* Sampling at since May 30, 2011

* Sampling at 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 26, 2012)

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

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| <Place of Sampling>
Southeast of Unit 4 Turbine Building
Northeast of the Process Main Building
Southeast of the Process Main Building
Southwest of the Process Main Building
South Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building
Southwest Part of the On-site Bunker Building
West Side of the Incineration Workshop Building
North Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building
Southeast Part of the On-site Bunker Building |
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