

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															
	Sep 23	Sep 24	Sep 25	Sep 26	Sep 27	Sep 28	Sep 29	Sep 30	Oct 1	Oct 2	Oct 3	Oct 4	Oct 5	Oct 6	Oct 7	Oct 8
①	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
③	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
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND
⑦	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
⑨	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Cs-134(Bq/cm³)

Sampling Location																
	Sep 23	Sep 24	Sep 25	Sep 26	Sep 27	Sep 28	Sep 29	Sep 30	Oct 1	Oct 2	Oct 3	Oct 4	Oct 5	Oct 6	Oct 7	Oct 8
①	ND	ND	ND	ND	ND	ND	ND	ND	ND							
②	ND	ND	ND	ND	ND	ND	ND	ND	ND							
③	ND	ND	ND	ND	ND	ND	ND	ND	ND							
④	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
⑤	ND	ND	ND	ND	ND	ND	ND	ND	ND							
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND
⑦	0.17	0.24	0.18	0.16	0.2	0.16	0.18	0.12	0.17	0.12	0.14	0.091	0.19	0.32	0.17	0.16
⑧	ND	ND	ND	ND	ND	0.032	0.031	0.039	0.028							
⑨	ND	ND	ND	ND	ND	ND	ND	ND	ND							

Cs-137(Bq/cm³)

Sampling Location																
	Sep 23	Sep 24	Sep 25	Sep 26	Sep 27	Sep 28	Sep 29	Sep 30	Oct 1	Oct 2	Oct 3	Oct 4	Oct 5	Oct 6	Oct 7	Oct 8
①	ND	ND	ND	ND	ND	ND	ND	ND	ND							
②	ND	ND	ND	ND	ND	ND	ND	ND	ND							
③	ND	ND	ND	ND	ND	ND	ND	ND	ND							
④	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
⑤	ND	ND	ND	ND	ND	ND	ND	ND	ND							
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND
⑦	0.24	0.38	0.32	0.24	0.31	0.24	0.27	0.2	0.28	0.16	0.22	0.14	0.27	0.54	0.26	0.25
⑧	ND	ND	ND	0.023	ND	ND	ND	ND	ND	ND	ND	0.04	0.051	0.066	0.065	0.051
⑨	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 (October 8, 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.

<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