

**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	After transfer																					
	Oct 14	Oct 15	Oct 16	Oct 17	Oct 18	Oct 19	Oct 20	Oct 21	Oct 22	Oct 23	Oct 24	Oct 25	Oct 26	Oct 27	Oct 28	Oct 29	Oct 30	Oct 31				
	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	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/cm<sup>3</sup>)

Sampling Location	Oct 14	Oct 15	Oct 16	Oct 17	Oct 18	Oct 19	Oct 20	Oct 21	Oct 22	Oct 23	Oct 24	Oct 25	Oct 26	Oct 27	Oct 28	Oct 29	Oct 30	Oct 31					
		ND	0.033	ND	ND	ND	0.022	ND	0.018	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	-	-				
	0.14	0.12	0.11	0.05	0.11	0.052	0.13	0.11	0.14	0.074	0.14	0.098	0.099	0.07	0.15	0.12	0.14	0.14					
	ND	0.036	0.029	0.027	0.052	0.045	0.044	0.029	0.04	ND	ND	ND	0.03	0.033	0.036	ND	0.028	ND					
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				

Cs-137(Bq/cm<sup>3</sup>)

Sampling Location	Oct 14	Oct 15	Oct 16	Oct 17	Oct 18	Oct 19	Oct 20	Oct 21	Oct 22	Oct 23	Oct 24	Oct 25	Oct 26	Oct 27	Oct 28	Oct 29	Oct 30	Oct 31				
		ND	ND	ND	ND	ND	ND	ND	0.023	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	-	-				
	0.21	0.18	0.18	0.075	0.2	0.098	0.23	0.2	0.19	0.099	0.23	0.17	0.14	0.11	0.22	0.21	0.2	0.23				
	0.027	0.026	0.051	0.054	0.067	0.076	0.069	0.046	0.04	0.028	0.022	ND	0.043	0.051	0.045	ND	0.036	0.037				
	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/cm<sup>3</sup>, Cs-134: Approx.0.02Bq/cm<sup>3</sup>, Cs-137: Approx.0.02Bq/cm<sup>3</sup> (October 31, 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>
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