

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																						
	Dec 2	Dec 3	Dec 4	Dec 5	Dec 6	Dec 7	Dec 8	Dec 9	Dec 10	Dec 11	Dec 12	Dec 13	Dec 14	Dec 15	Dec 16	Dec 17	Dec 18	Dec 19					
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-	-	-			
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	Dec 2	Dec 3	Dec 4	Dec 5	Dec 6	Dec 7	Dec 8	Dec 9	Dec 10	Dec 11	Dec 12	Dec 13	Dec 14	Dec 15	Dec 16	Dec 17	Dec 18	Dec 19					
	ND	ND	ND	ND	ND	ND	ND	0.028	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	-	-	-	-			
	0.11	0.1	0.12	0.083	0.089	0.094	0.064	0.11	0.11	0.045	0.13	0.036	0.054	0.12	0.035	0.098	0.12	0.11					
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.016	ND	ND	ND	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/cm<sup>3</sup>)

Sampling Location	Dec 2	Dec 3	Dec 4	Dec 5	Dec 6	Dec 7	Dec 8	Dec 9	Dec 10	Dec 11	Dec 12	Dec 13	Dec 14	Dec 15	Dec 16	Dec 17	Dec 18	Dec 19					
	ND	ND	ND	ND	ND	ND	ND	0.037	0.027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-	-	-			
	0.18	0.18	0.18	0.13	0.19	0.19	0.12	0.2	0.19	0.086	0.21	0.082	0.13	0.19	0.096	0.19	0.2	0.19					
	ND	ND	ND	0.03	ND	0.028	0.022	ND	0.025	ND	0.021	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				

\* 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> (December 19, 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><br>Southeast of Unit 4 Turbine Building<br>Northeast of the Process Main Building<br>Southeast of the Process Main Building<br>Southwest of the Process Main Building<br>South Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building<br>Southwest Part of the On-site Bunker Building<br>West Side of the Incineration Workshop Building<br>North Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building<br>Southeast Part of the On-site Bunker Building |
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