

**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																					
	Jan 20	Jan 21	Jan 22	Jan 23	Jan 24	Jan 25	Jan 26	Jan 27	Jan 28	Jan 29	Jan 30	Jan 31	Feb 1	Feb 2	Feb 3	Feb 4	Feb 5	Feb 6				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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																							
	Jan 20	Jan 21	Jan 22	Jan 23	Jan 24	Jan 25	Jan 26	Jan 27	Jan 28	Jan 29	Jan 30	Jan 31	Feb 1	Feb 2	Feb 3	Feb 4	Feb 5	Feb 6					
	ND	ND	ND	ND	ND	ND	0.021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	ND	ND	ND	ND	ND	ND	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	0.11	0.11	0.098	0.16	0.1	0.096	0.075	0.084	0.037	0.087	0.082	0.075	0.082	0.083	0.082	0.077	0.066					
	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																							
	Jan 20	Jan 21	Jan 22	Jan 23	Jan 24	Jan 25	Jan 26	Jan 27	Jan 28	Jan 29	Jan 30	Jan 31	Feb 1	Feb 2	Feb 3	Feb 4	Feb 5	Feb 6					
	ND	ND	ND	0.025	ND	ND	0.052	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	ND	ND	ND	ND	ND	ND	ND	ND	ND														
	ND	ND	ND	ND	ND	ND	ND	ND	ND														
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	ND	ND	ND	ND	ND	ND	ND	ND	ND														
	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-					
	0.23	0.19	0.2	0.17	0.25	0.19	0.16	0.15	0.17	0.053	0.16	0.17	0.14	0.16	0.18	0.18	0.14	0.12					
	ND	ND	ND	ND	ND	ND	0.03	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> (February 6, 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>  
 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