

Nuclides Analysis Result of the Sub-drain Water in the Surroundings of the Central Radioactive Waste Treatment Facility

I-131(Bq/cm³)

Sampling Location	Apr 20	Apr 21	Apr 22	Apr 23	Apr 24	Apr 25	Apr 26	Apr 27	Apr 28	Apr 29	Apr 30	May 01	May 02	May 03	May 04	May 05	May 06				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	Apr 20	Apr 21	Apr 22	Apr 23	Apr 24	Apr 25	Apr 26	Apr 27	Apr 28	Apr 29	Apr 30	May 01	May 02	May 03	May 04	May 05	May 06				
	ND	ND	ND	ND	0.037	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-				
	0.033	0.022	0.024	0.026	0.024	0.029	0.014	0.029	0.038	0.027	0.025	0.029	0.03	0.027	0.031	0.033	0.028				
	ND	ND	ND	ND	0.016	ND	ND	ND	ND	ND	ND	ND	ND	0.03	0.021	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	Apr 20	Apr 21	Apr 22	Apr 23	Apr 24	Apr 25	Apr 26	Apr 27	Apr 28	Apr 29	Apr 30	May 01	May 02	May 03	May 04	May 05	May 06				
	ND	ND	ND	ND	0.098	0.022	ND	ND	ND	ND	0.041	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	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-				
	0.07	0.064	0.071	0.092	0.089	0.081	0.074	0.082	0.1	0.092	0.1	0.12	0.064	0.084	0.079	0.097	0.056				
	ND	ND	ND	0.019	0.021	0.017	ND	ND	ND	ND	ND	ND	ND	0.06	0.074	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. 0.009Bq/cm³, Cs-134: Approx. 0.01Bq/cm³, Cs-137: Approx. 0.02Bq/cm³ (May 6, 2014)

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 Samplings>
 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