Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

I-131(Bq/cm ³)	
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Sampling	ing After transfer																	
point	8/7	8/8	8/9	8/10	8/11	8/12	8/13	8/14	8/15	8/16	8/17	8/18	8/19	8/20	8/21			
1	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			
3	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			
6	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-			
\bigcirc	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
8	ND	ND	ND	ND		ND												
9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			

$Cs-134(Bq/cm^3)$

Sampling	After transfer																		
point	8/7	8/8	8/9	8/10	8/11	8/12	8/13	8/14	8/15	8/16	8/17	8/18	8/19	8/20	8/21				
1	0.047	ND	0.087	0.095	ND	ND	ND	ND	ND	0.053	ND	ND	0.059	ND	ND				
2	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	0.23				
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				[
5	0.05	0.037	0.04	ND	ND	0.037	ND	ND	0.037	ND	ND	ND	ND	ND	ND				[
6	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-				
\bigcirc	0.2	0.25	0.38	0.25	0.22	0.19	0.49	0.23	0.12	0.35	0.24	0.39	0.47	0.19	0.38				
8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
9	ND	0.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ſ

$Cs-137(Bq/cm^3)$

Sampling	After transfer																		
point	8/7	8/8	8/9	8/10	8/11	8/12	8/13	8/14	8/15	8/16	8/17	8/18	8/19	8/20	8/21				
1	0.051	ND	0.074	0.1	ND	ND	0.04	0.037	ND	0.055	0.039	ND	0.076	ND	ND				
2	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	0.25		Ι		
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		[
5	0.045	0.039	0.033	ND	ND	ND	ND	0.036	0.054	ND	0.038	ND	ND	ND	ND				
6	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-				
\bigcirc	0.23	0.28	0.35	0.27	0.3	0.27	0.54	0.28	0.16	0.37	0.26	0.4	0.51	0.23	0.38				
8	ND	ND	0.028	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		[
9	ND	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	I	Γ		

* Hyphen "-" indicates that neither sampling nor measurements were implemented.

* (6) was conducted as upstream of the groundwater once a week from April 29 since it was unable to sample at (4).

* We have been sampling at ⑦ since May 26, for it is located downstream of the groundwater

* We have been sampling at (8) since May 30.

* We have been sampling at (9) since August 2.

* In this analysis, "ND" means that the results fall bellow the measurable threshold. (I-131: approx. 0.02Bq/cm3, Cs-134: approx. 0.03Bq/cm3, and Cs-137: approx. 0.03Bq/cm3)

(as of August 21).

Please note that these nuclides are sometimes detected even when they are below the threshold, contingent on the detector or samples.

<Place of sampling>

①Southeast part of Unit 4 Turbine Building

2Northeast part of Process Main Building

3 Southeast part of Process Main Building 4 Southwest part of Process Main Building

South part of Miscellaneous Solid Waste Volume Reduction Treatment Building 6 Southwest part of On-site Bunker Building

West part of Incineration Workshop Building

8 North part of Miscellaneous Solid Waste Volume Reduction Treatment Building

9 Southeast part of On-site Bunker Building