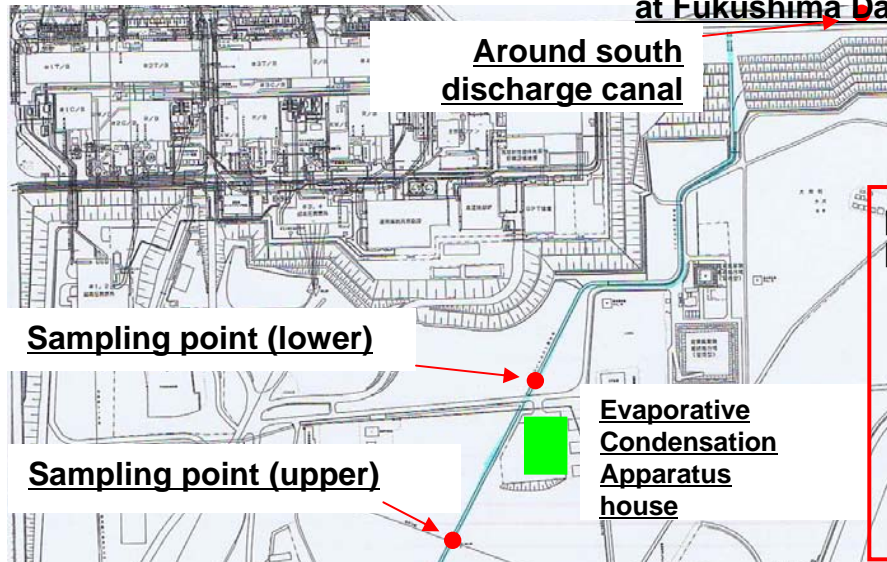


# Results of sampling surveys of the water leaked from the evaporative condensation apparatus at Fukushima Daiichi Nuclear Power Station

**Around south discharge canal**



[Sampling point] South discharge canal

[Sampling date] 5:05 pm, Dec 4, Sun

[Sampling date] 6:45 am, Dec 5, Mon

Nuclide	Density (Bq/cm <sup>3</sup> )	Detection limit (Bq/cm <sup>3</sup> )
I-131	Below limit	8.9 × 10 <sup>-4</sup>
Cs-134	1.3 × 10 <sup>-2</sup>	1.4 × 10 <sup>-3</sup>
Cs-137	1.8 × 10 <sup>-2</sup>	1.2 × 10 <sup>-3</sup>
All-beta	—	—

Density (Bq/cm <sup>3</sup> )	Detection limit (Bq/cm <sup>3</sup> )
Below limit	6.1 × 10 <sup>-4</sup>
5.2 × 10 <sup>-3</sup>	9.9 × 10 <sup>-4</sup>
5.7 × 10 <sup>-3</sup>	1.0 × 10 <sup>-3</sup>
5.3 × 10 <sup>-1</sup>	1.9 × 10 <sup>-2</sup>

**Sampling point (lower)**

**Sampling point (upper)**

**Evaporative Condensation Apparatus house**

[Sampling point] Lower discharge canal (around evaporative condensation apparatus)

[Sampling date] 5:25 pm, Dec 4, Sun

Nuclide	Density (Bq/cm <sup>3</sup> )	Detection limit (Bq/cm <sup>3</sup> )
I-131	Below limit	2.5 × 10 <sup>-2</sup>
Cs-134	6.1 × 10 <sup>-2</sup>	4.0 × 10 <sup>-2</sup>
Cs-137	5.2 × 10 <sup>-2</sup>	3.7 × 10 <sup>-2</sup>
All-beta	4.9 × 10 <sup>5</sup>	1.8 × 10 <sup>3</sup>

[Sampling date] 10:16 pm, Dec 4, Sun

Density (Bq/cm <sup>3</sup> )	Detection limit (Bq/cm <sup>3</sup> )
Below limit	9.1 × 10 <sup>-3</sup>
Below limit	1.8 × 10 <sup>-2</sup>
Below limit	2.0 × 10 <sup>-2</sup>
—	—

[Sampling date] 6:25 am, Dec 5, Mon

Density (Bq/cm <sup>3</sup> )	Detection limit (Bq/cm <sup>3</sup> )
Below limit	7.2 × 10 <sup>-3</sup>
Below limit	1.7 × 10 <sup>-2</sup>
Below limit	1.9 × 10 <sup>-2</sup>
4.9 × 10 <sup>0</sup>	3.6 × 10 <sup>-2</sup>

[Sampling point] Upper discharge canal

[Sampling date] 10:07 pm, Dec 4, Sun

Nuclide	Density (Bq/cm <sup>3</sup> )	Detection limit (Bq/cm <sup>3</sup> )
I-131	Below limit	6.1 × 10 <sup>-3</sup>
Cs-134	Below limit	1.4 × 10 <sup>-2</sup>
Cs-137	Below limit	1.7 × 10 <sup>-2</sup>
All-beta	1.5 × 10 <sup>-1</sup>	4.2 × 10 <sup>-2</sup>

[Sampling date] 6:18 am, Dec 5, Mon

Density (Bq/cm <sup>3</sup> )	Detection limit (Bq/cm <sup>3</sup> )
Below limit	6.1 × 10 <sup>-3</sup>
Below limit	1.4 × 10 <sup>-2</sup>
Below limit	1.7 × 10 <sup>-2</sup>
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[Sampling point] Water leaked from evaporative condensation apparatus

[Sampling date] 1:15 pm, Dec 4, Sun

Nuclide	Density (Bq/cm <sup>3</sup> )	Detection limit (Bq/cm <sup>3</sup> )
I-131	Below limit	3.1 × 10 <sup>0</sup>
Cs-134	1.6 × 10 <sup>1</sup>	3.8 × 10 <sup>0</sup>
Cs-137	2.9 × 10 <sup>1</sup>	3.0 × 10 <sup>0</sup>
All-beta	5.4 × 10 <sup>5</sup>	1.9 × 10 <sup>3</sup>