

**Sampling Results of Downstream and Upstream of drainage canal in
H4 tank area at Fukushima Daiichi Nuclear Power Station**

【Sampling place】 H4 tank area downstream of drainage canal and
downstream of drainage canal

【Sampling date】 Downstream March 28, 2012 8 : 53 am (For analysis)
8 : 50 am (For all analysis)

Downstream March 28, 2012 9 : 10 am (For analysis)
9 : 03 am (For all analysis)

【Sampling results】

Downstream

Nuclides	Radioactive Concentration (Bq/cm ³)	Detectable Limit (Bq/cm ³)	Half-Life Period
I-131	Below detectable limit	1.6×10^{-2}	About 8 days
Cs-134	Below detectable limit	2.7×10^{-2}	About 2 years
Cs-137	Below detectable limit	3.3×10^{-2}	About 30 years
Sb-125	Below detectable limit	4.3×10^{-2}	About 3 years
All	2.0×10^2	2.0×10^{-1}	-

Downstream

Nuclides	Radioactive Concentration (Bq/cm ³)	Detectable Limit (Bq/cm ³)	Half-Life Period
I-131	Below detectable limit	1.8×10^{-2}	About 8 days
Cs-134	4.3×10^{-2}	3.3×10^{-2}	About 2 years
Cs-137	6.6×10^{-2}	3.6×10^{-2}	About 30 years
Sb-125	1.1×10^{-1}	4.8×10^{-2}	About 3 years
All	3.0×10^2	1.0×10^0	-

• Listed are the major nuclides that were detected

Sampling Results of Weir located at downstream of drainage canal and in H4 tank area at Fukushima Daiichi Nuclear Power Station

【Sampling place】 H4 tank area Weir located at downstream of drainage canal and weir located at downstream of drainage canal

【Sampling date】 Weir March 31, 2012 6 : 52 am
 Weir March 31, 2012 7 : 04 am

【Sampling results】

Weir

Nuclides	Radioactive Concentration (Bq/cm ³)	Detectable Limit (Bq/cm ³)	Half-Life Period
I-131	Below detectable limit	1.2×10^{-2}	About 8 days
Cs-134	Below detectable limit	2.6×10^{-2}	About 2 years
Cs-137	Below detectable limit	3.1×10^{-2}	About 30 years
Sb-125	Below detectable limit	4.0×10^{-2}	About 3 years
全	1.0×10^2	2.0×10^{-1}	-

Weir

Nuclides	Radioactive Concentration (Bq/cm ³)	Detectable Limit (Bq/cm ³)	Half-Life Period
I-131	Below detectable limit	1.1×10^{-2}	About 8 days
Cs-134	3.8×10^{-2}	2.8×10^{-2}	About 2 years
Cs-137	Below detectable limit	3.2×10^{-2}	About 30 years
Sb-125	5.4×10^{-2}	4.2×10^{-2}	About 3 years
全	2.2×10^2	2.0×10^{-1}	-

• Listed are the major nuclides that were detected

Sampling Results around south water discharge canal in Unit 1 ~ 4 at Fukushima Daiichi Nuclear Power Station

【Sampling place】 Around south water discharge canal at Unit 1 ~ 4

【Sampling results】

Date Nuclide (Half-life)	March 28, 2012 8:30 am	March 28, 2012 3:10 pm	March 29, 2012 9:10 am	March 29, 2012 3:05 pm	March 30, 2012 8:30 am	March 30, 2012 3:15 pm
I-131 (About 8 days)	Below detectable limit (5.5×10^{-4})	Below detectable limit (5.5×10^{-4})	Below detectable limit (6.6×10^{-4})	Below detectable limit (5.6×10^{-4})	Below detectable limit (5.4×10^{-4})	Below detectable limit (5.2×10^{-4})
Cs-134 (About 2 years)	Below detectable limit (1.4×10^{-3})	Below detectable limit (1.3×10^{-3})	Below detectable limit (1.4×10^{-3})	Below detectable limit (1.4×10^{-3})	Below detectable limit (1.3×10^{-3})	Below detectable limit (1.4×10^{-3})
Cs-137 (About 30 years)	Below detectable limit (1.6×10^{-3})	Below detectable limit (1.6×10^{-3})	Below detectable limit (1.6×10^{-3})	Below detectable limit (1.6×10^{-3})	Below detectable limit (1.6×10^{-3})	Below detectable limit (1.6×10^{-3})
Sb-125 (About 3 years)	Below detectable limit (1.6×10^{-3})	Below detectable limit (1.6×10^{-3})	Below detectable limit (1.6×10^{-3})	Below detectable limit (1.6×10^{-3})	Below detectable limit (1.9×10^{-3})	Below detectable limit (1.5×10^{-3})
All (-)	3.3×10^{-2} (2.0×10^{-2})	4.0×10^{-2} (2.0×10^{-2})	2.7×10^{-2} (2.0×10^{-2})	Below detectable limit (2.0×10^{-2})	Below detectable limit (2.0×10^{-2})	Below detectable limit (2.0×10^{-2})

Date Nuclide (Half-life)	March 31, 2012 7:15 am	March 31, 2012 3:10 pm	April 1, 2012 7:10 am
I-131 (About 8 days)	Below detectable limit (5.3×10^{-4})	Below detectable limit (5.5×10^{-4})	Below detectable limit (5.7×10^{-4})
Cs-134 (About 2 years)	Below detectable limit (1.4×10^{-3})	Below detectable limit (1.3×10^{-3})	Below detectable limit (1.4×10^{-3})
Cs-137 (About 30 years)	Below detectable limit (1.6×10^{-3})	Below detectable limit (1.6×10^{-3})	Below detectable limit (1.6×10^{-3})
Sb-125 (About 3 years)	Below detectable limit (1.6×10^{-3})	Below detectable limit (1.5×10^{-3})	Below detectable limit (1.5×10^{-3})
All (-)	Below detectable limit (2.0×10^{-2})	1.8×10^{-2} (1.8×10^{-2})	Below detectable limit (1.8×10^{-2})

- All the units are in radioactive concentration [Bq/cm³]
- Figures in bracket are detectable limit
- Listed are the major nuclides that were detected