

Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection Underground Water Obtained at Bank Protection

Unit: Bq/L

	Underground water observation hole No.0-1	Underground water observation hole No.1	Underground water observation hole No.1-2	Underground water observation hole No.1-3	Underground water observation hole No.1-4	Underground water observation hole No.1-5	Underground water observation hole No.1-8	Groundwater pumped up from the well point	Underground water observation hole No.2	Underground water observation hole No.2-1	Underground water observation hole No.3	Underground water observation hole No.3-1
Date of sampling		Aug 30, 2013										
Time of sampling		11:25 AM										
Cs-134 (Approx. 2 years)		0.98										
Cs-137 (Approx.30 years)		2.1										
The other γ	Mn-54 (Approx. 310 days)	17										
	Ru-106 (Approx. 370 days)											
	Sb-125 (Approx. 3 years)											
All β		1,700										
H-3 (Approx. 12 years)		Under analysis										
Sr-90 (Approx. 29 years)		-										

* "ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.

* "-" indicates that the measurement was out of range.

<Reference> The Highest Dose Until the Previous Measurement (Groundwater Obtained at Bank Protection)

Unit: Bq/L

		Groundwater observation hole No.0-1	Groundwater observation hole No.1	Groundwater observation hole No.1-1	Groundwater observation hole No.1-2	Groundwater observation hole No.1-3	Groundwater observation hole No.1-4	Groundwater observation hole No.1-5	Groundwater observation hole No.1-8	Groundwater pumped up from the well point
Cs-134 (Approx. 2 years)		1.4 [8/29]	13 [8/29]	1.9 [7/8]	11,000 [7/9]	1.3 [8/29]	1.5 [7/8]	310 [8/5]	26 [8/26]	1.5 [8/19]
Cs-137 (Approx.30 years)		3.0 [8/29]	31 [8/29]	3.6 [7/8]	22,000 [7/9]	3.3 [8/29]	3.6 [7/8]	650 [8/5]	58 [8/26]	3.4 [8/19]
The other y	Ru-106 (Approx. 370 days)	ND	26 [5/24]	7.9 [7/8]	160 [8/15]	17 [7/22] [8/8]	3.1 [8/8]	ND	ND	17 [8/19]
	Mn-54 (Approx. 310 days)	ND	ND	1.0 [7/5]	62 [7/5]	ND	ND	ND	0.52 [8/26]	ND
	Co-60 (Approx. 5 years)	ND	0.50 [7/19]	ND	3.1 [7/8]	ND	ND	ND	ND	ND
	Sb-125 (Approx. 3 years)	ND	1.7 [7/11]	ND	250 [7/15]	1.4 [7/12] [8/26]	ND	[1/12] [8/8]	ND	ND
All β		300 [8/22]	1,900 [5/24]	4,400 [7/8]	900,000 [7/5] [7/9]	160,000 [8/12] [8/15]	380 [8/19]	[4/26] [8/5]	1,200 [8/26]	190,000 [8/19]
H-3 (Approx. 12 years)		42,000 [8/22]	500,000 [5/24] [6/7]	630,000 [7/8]	400,000 [8/22]	290,000 [7/12]	98,000 [7/11]	[2/14] [8/15]	950 [8/20]	460,000 [8/19]
Sr-90(Approx. 29 years)		Under analysis	1,200 [6/7]	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	-

Unit: Bq/L

		Groundwater observation hole No.2	Groundwater observation hole No.2-1	Groundwater observation hole No.3	Groundwater observation hole No.3-1
Cs-134 (Approx. 2 years)		0.50 [7/9]	0.44 [8/1]	3.5 [7/25]	1.2 [7/25] [8/8]
Cs-137 (Approx.30 years)		1.2 [7/11] [8/1]	1.1 [8/29]	5.9 [8/8]	2.6 [8/1]
The other y	Ru-106 (Approx. 370 days)	ND	ND	ND	ND
	Mn-54 (Approx. 310 days)	ND	ND	ND	ND
	Co-60 (Approx. 5 years)	ND	ND	ND	ND
	Sb-125 (Approx. 3 years)	ND	ND	ND	ND
All β		1,700 [7/8]	380 [7/29]	1,400 [7/11]	180 [8/1]
H-3 (Approx. 12 years)		850 [6/26]	440 [8/26]	3,200 [2012/12/12]	460 [8/1]
Sr-90(Approx. 29 years)		54 [5/31]	Under analysis	8.3 [2012/12/12]	Under analysis

* "ND" indicates that the measurement result is below the detection limit.

* Date of sampling is provided in parentheses.