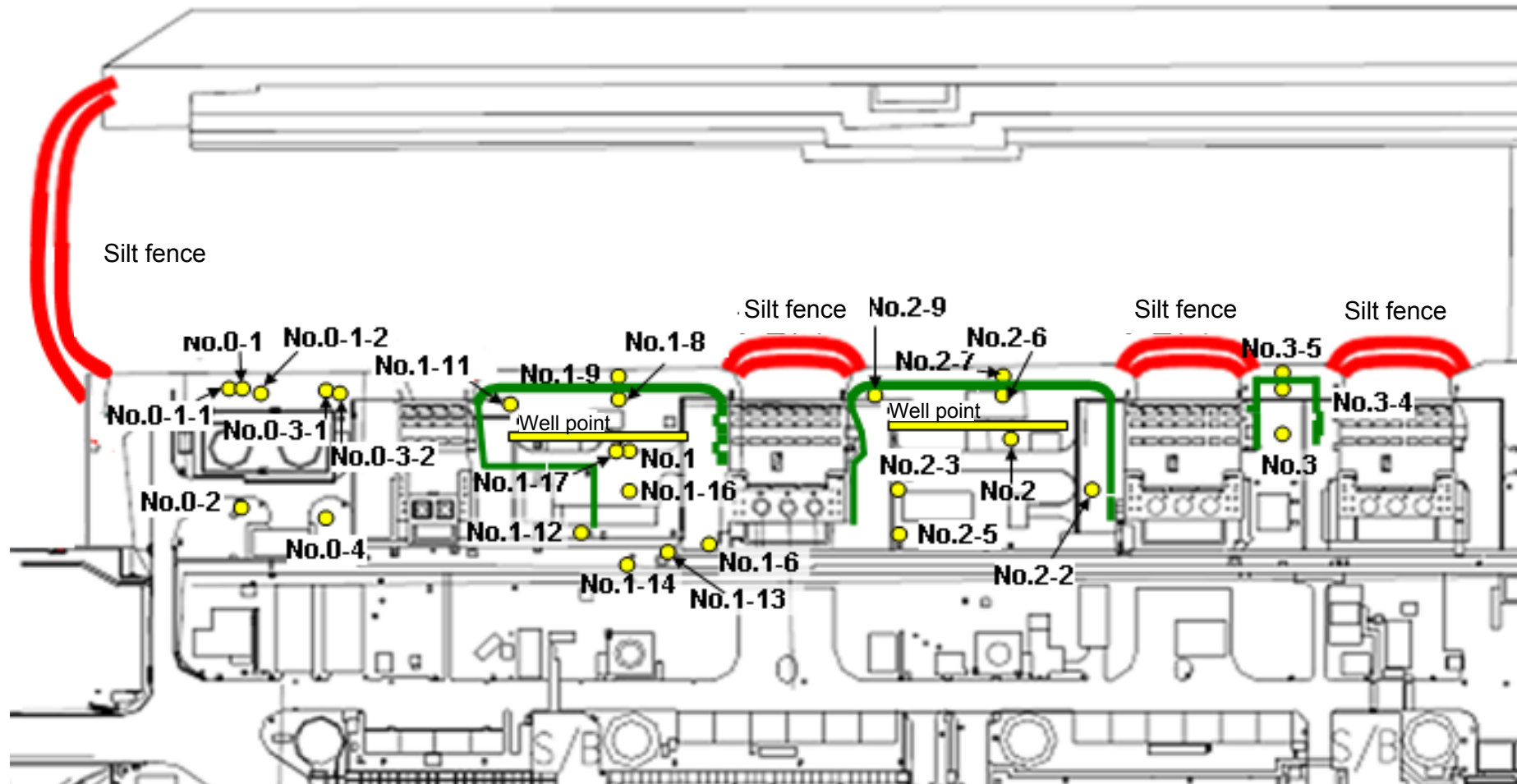


### Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (Sampling Locations of Underground Water Obtained at Bank Protection)

● Sampling locations of underground water obtained at bank

East seawall break



— : Location where ground improvement construction was completed, or being implemented (as of January 31, 2014)

## Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (1/2) Underground Water Obtained at Bank Protection

Unit: Bq/L (exclude chloride)

	Underground water observation hole No.0-1	Underground water observation hole No.0-1-2	Underground water observation hole No.0-2	Underground water observation hole No.0-3-1	Underground water observation hole No.0-3-2	Underground water observation hole No.0-4	Underground water observation hole No.1	Underground water observation hole No.1-6	Underground water observation hole No.1-8	Underground water observation hole No.1-9	Underground water observation hole No.1-11	Underground water observation hole No.1-12	Underground water observation hole No.1-14	Underground water observation hole No.1-16
Date of sampling														
Time of sampling														
Chloride (unit: ppm)														
Cs-134 (Approx. 2 years)														
Cs-137 (Approx.30 years)														
The other γ														
Gross β														
H-3 (Approx. 12 years)														
Sr-90 (Approx. 29 years)														

	Underground water observation hole No.1-17	Groundwater pumped up from the well point (between Unit 1 and 2)	Underground water observation hole No.2	Underground water observation hole No.2-2	Underground water observation hole No.2-3	Underground water observation hole No.2-5	Underground water observation hole No.2-6	Underground water observation hole No.2-7	Groundwater pumped up from the well point (between Unit 2 and 3)	Underground water observation hole No.3	Underground water observation hole No.3-4	Underground water observation hole No.3-5
Date of sampling			Feb 16, 2014	Feb 16, 2014	Feb 16, 2014			Feb 16, 2014	Feb 16, 2014			
Time of sampling			10:02 AM	11:05 AM	9:35 AM			10:24 AM	10:00 AM			
Chloride (unit: ppm)			-	-	-			540	-			
Cs-134 (Approx. 2 years)			ND(0.43)	14	ND(0.43)			ND(0.38)	0.82			
Cs-137 (Approx.30 years)			ND(0.54)	34	ND(0.60)			0.80	2.6			
The other γ												
Gross β			310	470	1,200			200	110,000			
H-3 (Approx. 12 years)			750	560	1,100			790	4,500			
Sr-90 (Approx. 29 years)			-	-	-			-	-			

\* Data announced this time is provided in a thick-frame. The other data was announced on February 17.

\* "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.

## Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (2/2) Underground Water Obtained at Bank Protection

Unit: Bq/L (exclude chloride)

	Underground water observation hole No.0-1	Underground water observation hole No.0-1-2	Underground water observation hole No.0-2	Underground water observation hole No.0-3-1	Underground water observation hole No.0-3-2	Underground water observation hole No.0-4	Underground water observation hole No.1	Underground water observation hole No.1-6	Underground water observation hole No.1-8	Underground water observation hole No.1-9	Underground water observation hole No.1-11	Underground water observation hole No.1-12	Underground water observation hole No.1-14	Underground water observation hole No.1-16
Date of sampling														
Time of sampling														
Chloride (unit: ppm)														
Cs-134 (Approx. 2 years)														
Cs-137 (Approx.30 years)														
The other γ														
Gross β														
H-3 (Approx. 12 years)														
Sr-90 (Approx. 29 years)														

	Underground water observation hole No.1-17	Groundwater pumped up from the well point (between Unit 1 and 2)	Underground water observation hole No.2	Underground water observation hole No.2-2	Underground water observation hole No.2-3	Underground water observation hole No.2-5	Underground water observation hole No.2-6	Underground water observation hole No.2-7	Groundwater pumped up from the well point (between Unit 2 and 3)	Underground water observation hole No.3	Underground water observation hole No.3-4	Underground water observation hole No.3-5
Date of sampling			Feb 19, 2014	Feb 19, 2014	Feb 19, 2014			Feb 19, 2014	Feb 19, 2014	Feb 19, 2014	Feb 19, 2014	Feb 19, 2014
Time of sampling			9:39 AM	10:53 AM	9:04 AM			10:01 AM	9:55 AM	10:30 AM	10:55 AM	10:25 AM
Chloride (unit: ppm)			-	-	-			700	-	-	-	180
Cs-134 (Approx. 2 years)			ND(0.42)	14	ND(0.46)			ND(0.37)	ND(0.63)	1.1	1.6	15
Cs-137 (Approx.30 years)			ND(0.55)	35	0.80			1.1	0.88	1.8	4.5 <sup>*1</sup>	39
The other γ												
Gross β			350	460	1,000			320 <sup>*1</sup>	120,000	ND(15)	ND(15)	40
H-3 (Approx. 12 years)			Under analysis	Under analysis	Under analysis			Under analysis	Under analysis	Under analysis	Under analysis	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.

\*1 The highest dose among the results previously announced in the "Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection".

<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.0-1-1	Groundwater observation hole No.0-1-2	Groundwater observation hole No.0-2	Groundwater observation hole No.0-3-1	Groundwater observation hole No.0-3-2	Groundwater observation hole No.0-4	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'
Cs-134 (Approx. 2 years)	7.6 [12/15]	ND	ND	0.61 [10/13]	0.44 [11/24]	0.82 <1/14>	ND	13 [8/29]	1.9 [7/8]	11,000 [7/9]	10 [9/2]	1.5 [7/8]	310 [8/5]
Cs-137 (Approx.30 years)	19 *2 <1/26>	0.58 [12/7]	0.51 [11/17]	2.2 <1/12>	0.86 [11/20]	2.1 <1/14>	1.4 <1/12>	31 [8/29]	3.6 [7/8]	22,000 [7/9]	24 [9/2]	3.6 [7/8]	650 [8/5]
The other y	Ru-106 (Approx. 370 days)	ND	ND	ND	ND	ND	ND	26 [5/24]	7.9 [7/8]	160 [8/15]	17 [7/22] [8/8]	3.1 [8/8]	ND
	Mn-54 (Approx. 310 days)	ND	ND	ND	ND	0.62 <2/3> <2/17>	ND	ND	1.0 [7/5]	62 [7/5]	ND	ND	ND
	Co-60 (Approx. 5 years)	ND	ND	ND	ND	ND	ND	0.50 [7/19]	ND	3.1 [7/8]	ND	ND	ND
	Sb-125 (Approx. 3 years)	ND	ND	ND	ND	ND	ND	1.7 [7/11]	ND	250 [7/15]	1.4 [7/12] [8/26]	ND	12 [8/8]
Gross β	300 [8/22]	21 [12/7]	21 [11/10]	87 [10/13]	ND	67*1 [12/11]	29 [12/29]	1,900 [5/24]	4,400 [7/8]	900,000 [7/5] [7/9]	160,000 [8/12] [8/15]	380 [8/19]	56,000 [8/5]
H-3 (Approx. 12 years)	45,000 [8/29]	18,000 [12/7]	74,000 [12/15] <1/19>	6,400 <1/26>	ND	76,000 <2/6>	48,000 <1/26> <2/3>	500,000 [5/24] [6/7]	630,000 [7/8]	430,000 [9/16]	290,000 [7/12]	98,000 [7/11]	72,000 [8/15]
Sr-90(Approx. 29 years)	140 [8/8]	Under analysis	Under analysis	0.73 [9/2]	Under analysis	Under analysis	Under analysis	1,300 [8/22]	2,300 [6/28]	5,000,000 [7/5]	130,000 [8/8]	200 [7/8]	5,100 [8/22]

Unit: Bq/L

	Groundwater observation hole No.1-6	Groundwater observation hole No.1-8	Groundwater observation hole No.1-9	Groundwater observation hole No.1-10	Groundwater observation hole No.1-11	Groundwater observation hole No.1-12	Groundwater observation hole No.1-13	Groundwater observation hole No.1-14	Groundwater observation hole No.1-16	Groundwater observation hole No.1-17	Groundwater pumped up from the well point (between Unit 1 and 2)	
Cs-134 (Approx. 2 years)	2,900 <2/17>	47 [11/25]	170 [9/3]	-	1.1 <1/13>	74 [10/21]	37,000 <2/13>	5.4 <2/17>	3.1 *1 [12/13]	1.2 [12/5]	110 [9/23]	
Cs-137 (Approx.30 years)	7,300 <2/17>	110 [11/25]	380 [9/3]	-	2.8 <1/13>	170 [10/21]	93,000 <2/13>	13 <2/17>	4.7 <2/17>	0.66 [12/12]	250 [9/23]	
The other y	Ru-106 (Approx. 370 days)	ND	ND	-	ND	5.4 [10/28]	ND	ND	9.2 [10/28]	4.1 [12/12]	25 [9/2]	
	Mn-54 (Approx. 310 days)	320 <2/13> <2/17>	12 <2/3>	ND	-	ND	ND	ND	ND	ND	1.9 <2/17>	
	Co-60 (Approx. 5 years)	770 <2/13>	1.3 <2/3>	ND	-	ND	0.51 [10/24]	ND	ND	0.9 [11/7]	0.61 [11/25]	ND
	Sb-125 (Approx. 3 years)	ND	ND	ND	-	ND	61 [10/21]	ND	ND	11 [12/5]	2.1 [11/25]	ND
Gross β	760,000 <2/17>	59,000 <2/3>	2,100*2 [11/17]	78 *2 <1/27>	2,300 [12/26]	730 [10/21]	260,000 <2/12> <2/13>	730 <2/17>	3,100,000 <1/20> <1/30> <2/3>	130 [12/2] [12/23]	700,000 [9/23]	
H-3 (Approx. 12 years)	110,000 *2 <2/6>	12,000 <1/6> <2/3>	860 *2 [11/14]	270,000 *2 <1/27>	85,000 [9/13]	440,000 [10/31]	88,000 <2/12>	23,000 <2/13>	43,000 [9/26]	32,000 <1/20>	460,000 [8/19]	
Sr-90(Approx. 29 years)	-	1,300 [9/16]	170 [9/3]	-	17 [9/13]	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.2-2	Groundwater observation hole No.2-3	Groundwater observation hole No.2-5	Groundwater observation hole No.2-6	Groundwater observation hole No.2-7	Groundwater observation hole No.2-9	Groundwater pumped up from the well point (between Unit 2 and 3)	Groundwater observation hole No.3	Groundwater observation hole No.3-1'	Groundwater observation hole No.3-4	Groundwater observation hole No.3-5
Cs-134 (Approx. 2 years)	0.50 [7/9]	0.66 [9/1]	15 <2/12>	0.84 <1/5>	25 <2/12>	0.56 [10/30]	1.5 <1/12>	-	1.1 [12/12]	3.5 [7/25]	1.2 [7/25] [8/8]	1.9 <1/8>	64 <1/15>
Cs-137 (Approx.30 years)	1.2 [7/11] [8/1]	1.1 [8/29] [9/1]	38 <2/12>	2.6 <1/5>	62 <2/12>	0.80 <2/13>	3.6 <1/12>	0.58 *2 <2/11>	2.6 <2/16>	5.9 [8/8]	2.6 [8/1]	4.3 [11/27]	170 <1/15>
The other y	Ru-106 (Approx. 370 days)	ND	ND	ND	ND	ND	ND	6.5 *2 <2/11>	ND	ND	ND	ND	-
	Mn-54 (Approx. 310 days)	ND	ND	ND	0.29 [12/6]	0.94 <1/8>	ND	ND	ND	ND	ND	0.54 [10/30]	-
	Co-60 (Approx. 5 years)	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	ND	-
	Sb-125 (Approx. 3 years)	ND	ND	ND	ND	30 <2/12>	ND	ND	-	ND	1.6 <1/1>	ND	ND
Gross β	1,700 [7/8]	380 [7/29]	540 <1/29>	1,500 [12/6]	150,000 <2/12>	3,200 [12/5]	270 [12/20]	1,700 *2 <2/7>	240,000 [12/12]	1,400 [7/11]	180 [8/1]	17 <2/12>	69 <1/29>
H-3 (Approx. 12 years)	870 [12/8] <2/12>	440 [8/26]	660 <1/8>	1,700 [12/6]	6,300 [12/4]	1,200 [11/24] [11/27]	1,100 <1/17>	13,000 *2 <2/7>	5,100 [12/6]	3,200 [2012/12] [12]	460 [8/1]	170 [9/18]	170 <1/8>
Sr-90(Approx. 29 years)	54 [5/31]	5.9 [7/25]	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	-	-	8.3 [2012/12] [12]	4.4 [7/23]	ND	-

● Since some samples are still under analysis, the highest dose of the Strontium-90 is among those previously announced.

\*1 Analysis result of pumped water.

\*2 The results are for a reference, since the water was highly turbid. (y and Gross β were measured after filtration.)

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

\* Date of sampling is provided in parentheses. ( ): 2013, < >: 2014

\* "" is provided next to the name of the holes where the sampling could not be performed due to the chemical injection of ground improvement.