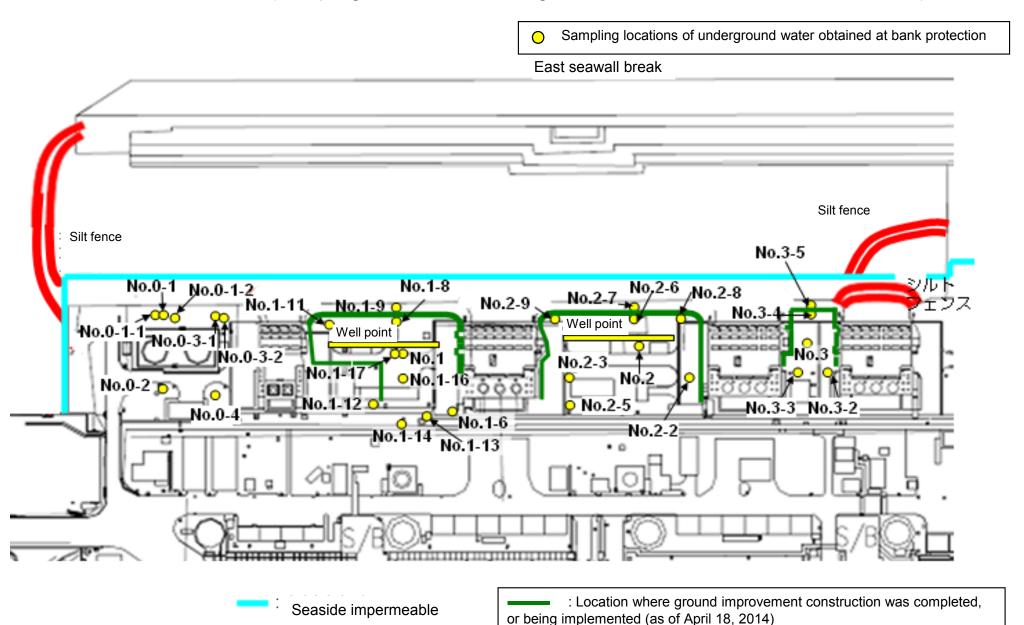
Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (Sampling Locations of Underground Water Obtained at Bank Protection)



## Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (1/4) 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	Underground water observation hole No.1-17
	Date of sampling				1 /						May 11, 2014					1
	Time of sampling										7:05 AM					,
	Chloride (unit: ppm)										140					/
Cs	s-134 (Approx. 2 years)									/	1.2					
Cs	-137 (Approx.30 years)										2.5					
The																
other y																
	Gross β										ND(21)					
H	I-3 (Approx. 12 years)						/				120	/	/			
Sr	-90 (Approx. 29 years)	/			/	/	/		/	/	-		/	/		/
		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	Underground water observation hole No.2-8	Groundwater pumped up from the well point (between Unit 2 and 3)	Underground water observation hole No.3	Underground water observation hole No.3-2	Underground water observation hole No.3-3	Underground water observation hole No.3-4	Underground water observation hole No.3-5	
	Date of sampling	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	
	Date of sampling Time of sampling	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	
		pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	
	Time of sampling	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	,
Cs	Time of sampling Chloride (unit: ppm)	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	
Cs	Time of sampling Chloride (unit: ppm) s-134 (Approx. 2 years)	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	
Cs	Time of sampling Chloride (unit: ppm) s-134 (Approx. 2 years)	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	
Cs Cs	Time of sampling Chloride (unit: ppm) s-134 (Approx. 2 years)	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	
Cs Cs	Time of sampling Chloride (unit: ppm) s-134 (Approx. 2 years)	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	
Cs Cs	Time of sampling Chloride (unit: ppm) s-134 (Approx. 2 years)	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	
Cs Cs The other y	Time of sampling Chloride (unit: ppm) s-134 (Approx. 2 years) -137 (Approx.30 years)	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	

<sup>\*</sup> Data announced this time is provided in a thick-frame. The other data was announced on May 12.

<sup>\* &</sup>quot;ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.

<sup>\* &</sup>quot;-" indicates that the measurement was out of range.

# Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (2/4) Underground Water Obtained at Bank Protection

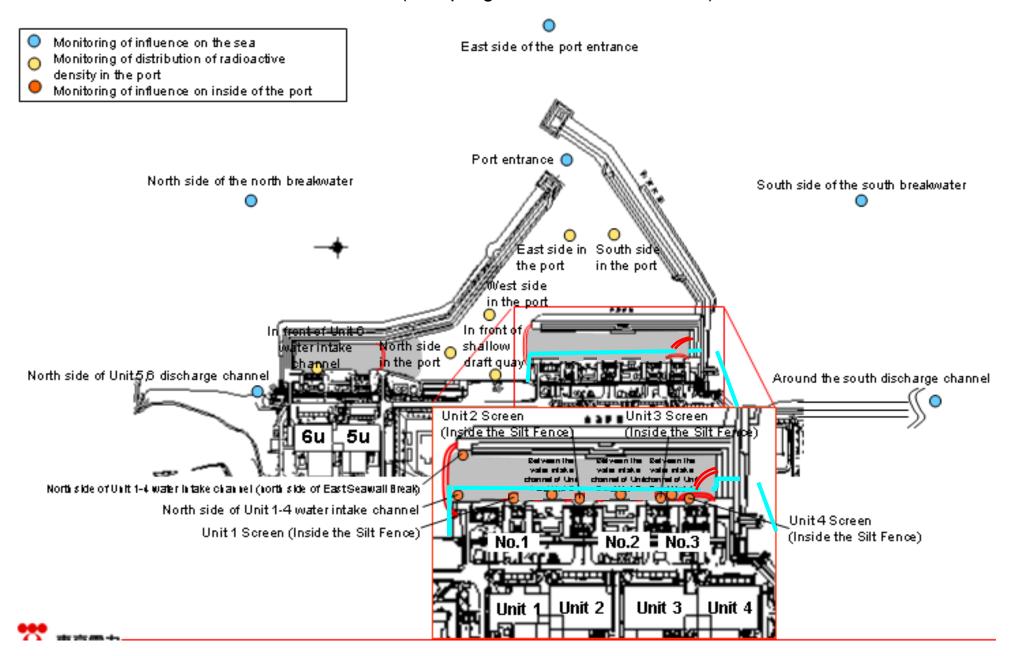
Unit: Bq/L (exclude chloride)

		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	Underground water observation hole No.1-17
	Date of sampling				1 /	/		/		1 /	May 13, 2014			1 /	1 /	
	Time of sampling										6:38 AM					/
	Chloride (unit: ppm)										150					/
C	s-134 (Approx. 2 years)										2.2					
Cs	s-137 (Approx.30 years)										6.7					
												/				/
The																
other y																
	Gross β										ND(18)					
ŀ	H-3 (Approx. 12 years)		/				/		/		Under analysis	/	/			/
Sr	-90 (Approx. 29 years)	/	/		/	/	/		/	/	-	/	/			/
٥.																
		T 2		1		1	ı		ı		T	ı	ı			1
		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	Underground water observation hole No.2-8	Groundwater pumped up from the well point (between Unit 2 and 3)	Underground water observation hole No.3	Underground water observation hole No.3-2	Underground water observation hole No.3-3	Underground water observation hole No.3-4	Underground water observation hole No.3-5	
-	Date of sampling	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation	water observation	water observation	pumped up from the well point	water observation	water observation	water observation	water observation	water observation	
		pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation hole No.2-6	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	
	Date of sampling	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation hole No.2-6 May 13, 2014	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	
	Date of sampling Time of sampling	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation hole No.2-6 May 13, 2014 10:20 AM	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	
C	Date of sampling Time of sampling Chloride (unit: ppm)	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation hole No.2-6 May 13, 2014 10:20 AM	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	
C	Date of sampling Time of sampling Chloride (unit: ppm) s-134 (Approx. 2 years)	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation hole No.2-6  May 13, 2014  10:20 AM  -  ND(0.43)	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	
C	Date of sampling Time of sampling Chloride (unit: ppm) s-134 (Approx. 2 years)	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation hole No.2-6  May 13, 2014  10:20 AM  -  ND(0.43)	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	
C: C:	Date of sampling Time of sampling Chloride (unit: ppm) s-134 (Approx. 2 years)	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation hole No.2-6  May 13, 2014  10:20 AM  -  ND(0.43)	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	
C: C:	Date of sampling Time of sampling Chloride (unit: ppm) s-134 (Approx. 2 years)	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation hole No.2-6  May 13, 2014  10:20 AM  -  ND(0.43)	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	
C: C:	Date of sampling Time of sampling Chloride (unit: ppm) s-134 (Approx. 2 years)	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation hole No.2-6  May 13, 2014  10:20 AM  -  ND(0.43)	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	
C: C: The other y	Date of sampling Time of sampling Chloride (unit: ppm) s-134 (Approx. 2 years) s-137 (Approx.30 years)	pumped up from the well point (between Unit 1	water observation	water observation	water observation	water observation	water observation hole No.2-6  May 13, 2014  10:20 AM  -  ND(0.43)  0.60	water observation	water observation	pumped up from the well point (between Unit 2	water observation	water observation	water observation	water observation	water observation	

<sup>\* &</sup>quot;ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.

 $<sup>^{\</sup>star}$  "-" indicates that the measurement was out of range.

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



### Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (3/4) Seawater

Unit: Bq/L

	1F, North side of Unit 5,6 discharge channel	1F, In front of Unit 6 water intake channel	1F, In front of shallow draft quay	1F, North side of Unit 1-4 water intake channel (north side of East Seawall Break)	1F, In front of Unit 1 discharge		1F, Between the water intake channel of Unit 1 and Unit 2 (lower layer)	1F, Between the	1F, Unit 3	1F, Between the water intake channel of Unit 3 and Unit 4	Screen	1F, South side of Unit 1-4 water intake channel (In front of impermeable wall)	Density Limit Specified by the Reactor Regulatio n *	WHO Guideline s for drinking- water quality
Date of Sampling			/			May 11, 2014	May 11, 2014		/		/	1		
Time of sampling					/	6:57 AM	6:57 AM							
Cs-134(Approx. 2 years)				/		6.5	12		/				60	10
Cs-137(Approx.30 years)						22	43			/			90	10
Gross β		/				1600	220			/				
H-3 (Approx. 12 years)			/			4,100 <sup>*1</sup>	1,000		/				60,000	10,000
Sr-90 (Approx. 29 years)	/			/	/	-	=	/		/		/	30	10

	1F, Around the south discharge channel	1F, Port entrance	1F, East side in the port	1F, West side in the port	1F, North side in the port		North side of the north breakwater	Northeast side of the port entrance	East side of the port entrance	Southeast side of the port entrance	South side of the south breakwater		Density	WHO Guideline s for drinking- water quality
Date of Sampling		/	/	/	/	/		/		/				
Time of sampling			/											
Cs-134(Approx. 2 years)		/							/	/			60	10
Cs-137(Approx.30 years)	/	/					/				/		90	10
Gross β														
H-3 (Approx. 12 years)					/	/	/					7	60,000	10,000
Sr-90 (Approx. 29 years)	/	/	/	/	/	/		/	/		/		30	10

<sup>\*</sup> Data announced this time is provided in a thick-frame. The other data was announced on May 12.

<sup>\* &</sup>quot;ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.

<sup>\* &</sup>quot;-" indicates that the measurement was out of range.

<sup>\*</sup> Density Limit Specified by the Rule for the Installation, Operation, etc. of Commercial Nuclear Power Reactors (the density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2 [the amount is converted from Bq/cm³ to Bq/L]).

<sup>\*1</sup> The highest measurement value (compared to the previous values provided in the handouts published in 'Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection')

### Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (4/4) Seawater

Unit: Bq/L

	1F, North side of Unit 5,6 discharge channel	1F, In front of Unit 6 water intake channel	1F, In front of shallow draft quay	1F, North side of Unit 1-4 water intake channel (north side of East Seawall Break)	1F, In front of Unit 1 discharge	1F, Between the water intake channel of Unit 1 and Unit 2 (surface layer)	water intake	1F, Between the water intake channel of Unit 2 and Unit 3	1F, Unit 3	1F, Between the water intake channel of Unit 3 and Unit 4	1F, Unit 4 Screen (Inside the Silt Fence)	1F, South side of Unit 1-4 water intake channel (In front of impermeable wall)	Density Limit Specified by the Reactor Regulatio n *	WHO Guideline s for drinking- water quality
Date of Sampling			/			May 13, 2014	May 13, 2014		/		/	1		
Time of sampling	/			/	/	6:36 AM	6:36 AM							
Cs-134(Approx. 2 years)				/	/	7.0	15						60	10
Cs-137(Approx.30 years)				/	/	20	37			/			90	10
Gross β		/				1600	220							
H-3 (Approx. 12 years)				/	/	Under analysis	Under analysis						60,000	10,000
Sr-90 (Approx. 29 years)	/	/		/	/	-	-			/		/	30	10

	1F, Around the south discharge channel	1F, Port entrance	1F, East side in the port	1F, West side in the port	1F, North side in the port		North side of the north breakwater	Northeast side of the port entrance	East side of the port entrance	Southeast side of the port entrance	South side of the south breakwater		Density	WHO Guideline s for drinking- water quality
Date of Sampling		/	/	/				/		/				
Time of sampling			/	/										
Cs-134(Approx. 2 years)		/			/				/	/			60	10
Cs-137(Approx.30 years)	/	/		/	/	/	/						90	10
Gross β						/								
H-3 (Approx. 12 years)				/	/		/		/			7	60,000	10,000
Sr-90 (Approx. 29 years)	/	/	/	/	/	/		/	/		/		30	10

<sup>\* &</sup>quot;ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.

<sup>\* &</sup>quot;-" indicates that the measurement was out of range.

<sup>\*</sup> Density Limit Specified by the Rule for the Installation, Operation, etc. of Commercial Nuclear Power Reactors (the density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2 [the amount is converted from Bq/cm³ to Bq/L]).

		observa	dwater tion hole .0-1	observa	dwater tion hole 0-1-1	observa	ndwater ation hole 0-1-2	observa	dwater tion hole .0-2	observa	dwater tion hole )-3-1	Groun observa No.0		observa	dwater tion hole .0-4	Ground observati No	ion hole	Groun observa No.		Ground observat No.	ion hole	Ground observati No.			dwater tion hole 1-4*		dwater tion hole 1-5	observa	dwater tion hole .1-6
C	s-134 (Approx. 2 years)	23	<5/4>	0.61	<3/2>	ND		0.61	[10/13]	0.64	<4/6>	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]	6,300	<3/31>
С	s-137 (Approx.30 years)	61	<5/4>	1.5	<3/2>	0.51	[11/17]	2.2	<1/12>	1.1	<4/6>	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]	16,000	<3/31>
	Ru-106 (Approx. 370 days)	ND		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		ND	
The	Mn-54 (Approx. 310 days)	ND		ND		ND		ND		ND		0.64	<2/20>	ND		ND		1.0	[7/5]	62	[7/5]	ND		ND		ND		320	<2/13> <2/17>
ther y	Co-60 (Approx. 5 years)	ND		ND		ND		ND		ND		ND		ND		0.50	[7/19]	ND		3.1	[7/8]	ND		ND		ND		830	<2/20>
	Sb-125 (Approx. 3 years)	ND		ND		ND		ND		ND		ND		ND		1.7	[7/11]	ND		250	[7/15]	1.4	(7/12) (8/26)	ND		12	[8/8]	ND	
	Gross β	300	[8/22]	21	[12/7]	21	[11/10]	87	[10/13]	ND		67 <sup>*1</sup>	[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]	860,000	<5/8>
	H-3 (Approx. 12 years)	45,000	[8/29]	18,000	[12/7]	74,000	[12/15] <1/19>	6,800	<2/16>	ND		76,000	<2/6>	56,000	<2/23>	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]	*2 110,000	<2/6>
;	6r-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

		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)	Groundwater observation hole No.2	Groundwater observation hole No.2-1*	Groundwater observation hole No.2-2	Groundwater observation hole No.2-3
C	s-134 (Approx. 2 years)	47 [11/25]	170 [9/3]	-	1.1 <1/13>	74 [10/21]	37,000 <2/13>	88 <sup>*2</sup> <2/27>	3.1 *1 [12/13]	1.2 [12/5]	110 [9/23]	0.88 <2/26>	0.66 [9/1]	15 <2/12>	2.2 <2/26>
С	s-137 (Approx.30 years)	110 [11/25]	380 [9/3]	-	3.4 <4/28>	170 [10/21]	93,000 <2/13>	230 *2 <2/27>	4.7 <2/17>	2.8 <4/28>	250 [9/23]	2.5 <2/26>	1.1 (8/29) (9/1)	38 <2/12>	5.5 <2/26>
	Ru-106 (Approx. 370 days)	ND	ND	-	ND	5.4 [10/28]	ND	ND	9.2 [10/28]	5.5 <4/21>	25 [9/2]	ND	ND	ND	ND
The	Mn-54 (Approx. 310 days)	12 <2/3>	ND	-	ND	ND	ND	ND	ND	ND	8.5 <4/28>	ND	ND	ND	0.29 [12/6]
other y	Co-60 (Approx. 5 years)	1.3 <2/3>	ND	-	ND	0.51 [10/24]	ND	ND	0.9 [11/7]	0.61 [11/25]	ND	ND	ND	ND	ND
	Sb-125 (Approx. 3 years)	ND	ND	-	ND	61 [10/21]	ND	ND	14 <4/24>	2.1 [11/25]	ND	ND	ND	ND	ND
	Gross β	59,000 <2/3>	2,100 *2 (11/17)	78 *2 <1/27>	2,300 [12/26]	1,100 <5/5>	260,000 <2/12> <2/13>	2,900 <5/12>	<1/20> 3,100,000 <1/30> <2/3>	8,700 <4/28>	700,000 [9/23]	1,700 [7/8]	380 [7/29]	600 <4/16>	1,500 [12/6]
	H-3 (Approx. 12 years)	18,000 <4/28>	*2 860 [11/14]	270,000 <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]	1,000 <2/23>	440 [8/26]	660 <1/8>	1,700 [12/6]
	Gr-90(Approx. 29 years)	1,300 [9/16]	170 [9/3]	-	17 [9/13]	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	-	54 [5/31]	5.9 [7/25]	Under analysis	Under analysis

																									Unit: Bq/L
		Ground observat No.:	ion hole	observa	ndwater ation hole 0.2-6	observa	ndwater ation hole a.2-7	observa	dwater tion hole .2-8	Ground observat No.:	ion hole	the we (between	dwater up from ll point un Unit 2 d 3)	observa	ndwater ation hole lo.3	observa	ndwater ation hole 5.3-1	observa	dwater tion hole .3-2	observa	ndwater ation hole i.3-3	observa	ndwater ation hole 5.3-4	observa	ndwater ation hole 5.3-5
C	s-134 (Approx. 2 years)	41	<5/7>	17	<3/11>	3.5	<2/23>	0.47	<4/9>	-		2.0	<4/23>	3.5	[7/25]	1.2	(7/25) (8/8)	4.7	<4/23>	51	<4/30>	2.7	<4/16>	64	<1/15>
С	s-137 (Approx.30 years)	110	<5/7>	50	<3/11>	9.0	<2/23>	1.3	<4/9>	0.58 *2	<2/11>	4.7	<4/23>	5.9	[8/8]	2.6	[8/1]	12	<4/23>	140	<4/30>	7	<4/16>	170	<1/15>
	Ru-106 (Approx. 370 days)	ND		ND		ND		ND		6.5	<2/11>	ND		ND		ND		ND				ND		-	
The	Mn-54 (Approx. 310 days)	0.94	<1/8>	ND		ND		ND		-		ND		ND		ND		ND				0.54	[10/30]	-	
other y	Co-60 (Approx. 5 years)	ND		ND		ND		ND		-		ND		ND		ND		ND				ND		ī	
	Sb-125 (Approx. 3 years)	74	<5/7>	ND		ND		ND		-		ND		1.6	<1/1>	ND		ND		ND		ND		-	
	Gross β	150,000	<2/12>	3,200	[12/5]	990	<4/30>	4,200	<4/9> <4/27>	1,700*2	<2/7>	240,000	[12/12]	1,400	[7/11]	180	[8/1]	2,500*2	<5/7>	4,900	<4/30>	28	<4/30>	300	<4/2>
	H-3 (Approx. 12 years)	7,900	<4/9>	1,200	[11/24] [11/27]	1,100	<1/17>	1,700	<4/6>	*2 13,000	<2/7>	5,500	<5/7>	3,200	(2012/12/ 12)	460	[8/1]	2,700	<4/23>	8,000	<5/7>	170	[9/18]	170	<1/8>
	Sr-90(Approx. 29 years)	Under analysis		Under analysis		Under analysis		-		-		-		8.3	(2012/12/ 12)	4.4	[7/23]	Under analysis		-		ND		-	

<sup>•</sup> Since some samples are still under analysis, the highest dose of the Strontium-90 is among those previously announced.

<sup>\*1</sup> Analysis result of pumped water.

<sup>\*2</sup> The results are for a reference, since the water was highly turbid. ( $\gamma$  and Gross  $\beta$  were measured after filtration.)

 $<sup>^{\</sup>star}$  "ND" indicates that the measurement result is below the detection limit.

<sup>\*</sup> 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.

#### <Reference> The Highest Dose Until the Previous Measurement\* (Seawater)

Unit: Bq/L

		side of Unit 5,6 ge channel		ont of Unit 6 ake channel		nt of shallow t quay	(north s	side of Unit 1- take channel ide of East all Break)	discharge front of in	ont of Unit 1 e channel (in npermeable vall)	intake cha and Uni	een the water innel of Unit 1 t 2 (surface ayer)	intake cha	en the water nnel of Unit 1 (lower layer)		2 Screen e Silt Fence)	intake cha	en the water nnel of Unit 2 Unit 3		3 Screen Silt Fence)	intake char	en the water nnel of Unit 3 Unit 4		t 4 Screen e Silt Fence)
Cs-134(Approx. 2 years)	1.8	[6/21]	2.8	[12/2]	5.3	[8/5]	32	[10/11]	11	<5/5>	87	[10/10]	93	[10/10]	370	[10/9]	52	[12/21]	350	[7/15]	37	<5/12>	62	[9/16]
Cs-137(Approx.30 years)	4.5	<3/17>	5.8	[12/2]	8.6	[8/5]	73	[10/11]	33	<5/12>	200	[10/10]	200	[10/10]	830	[10/9]	110	[10/11] [12/21]	770	[7/15]	98	<5/12>	140	[9/16]
Gross β	17	<1/6>	46	[8/19]	40	[7/3]	320	[8/12]	140	<5/5>	1,600	<5/11>	540	<5/1>	1,700	[10/9]	640	<5/12>	1,000	[7/15]	490	<5/12>	360	[10/7]
H-3 (Approx. 12 years)	8.6	[6/26]	24	(8/19)	340	[6/26]	510	[9/2]	220	<5/5>	2,800	[12/8]	1,600	[9/1]	2,100	[10/28]	1,400	<4/14>	1,200	<4/14>	1,200	<4/14>	770	<4/14>
Sr-90 (Approx. 29 years)	4.7	[6/26]	-		7.2	[6/26]	220	(8/19)	-		480	[8/22]	290	[10/20]	430	[10/14]	340	[10/14]	130	[6/21]	190	[9/23]	140	[6/21]

Unit: Bq/L

	4 water in (In front of	side of Unit 1- take channel impermeable vall)		nd the south ge channel	1F, Port	entrance	1F, East si	ide in the port	1F, West s	ide in the port	1F, North s	ide in the port	1F, South s	ide in the port	North side of break			side of the ntrance		of the south	Southeast side of the north breakwater	South side of breaky	
Cs-134(Approx. 2 years)	15	<4/14>	ND		3.3	[12/24]	3.3	[10/17]	4.4	[12/24]	5.0	[12/2]	3.5	[10/17]	ND		ND		ND		ND	ND	
Cs-137(Approx.30 years)	41	<5/12>	3.0	[7/15]	7.3	[10/11]	9.0	[10/17]	10	[12/24]	8.4	[12/2]	7.8	[10/17]	ND		ND		1.6	[10/18]	ND	ND	
Gross β	380	<3/10>	15	<1/13>	69	[8/19]	74	[8/19]	60	(7/4)	69	(8/19)	79	[8/19]	ND		ND		ND		ND	ND	
H-3 (Approx. 12 years)	540	<4/14>	1.9	[11/25]	68	[8/19]	67	[8/19]	59	[8/19]	52	(8/19)	60	[8/19]	4.7	[8/14]	1.7	<4/23>	6.4	[10/8]	ND	2.8	<4/23>
Sr-90 (Approx. 29 years)	I		0.29	[6/26]	49	[8/19]	-		I		ı		I		ı		I		I		-	-	

<sup>\*</sup> The highest result announced in "Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection" or the other handouts is provided.

As for "1F, North side of Unit 1-4 water intake channel", the data is obtained since January 14, 2013. For the other locations, the data is obtained since June 14.

[Reference] Standard values

Unit: Bq/L

	Cs-134	Cs-137	H-3	Sr-90
Density Limit Specified by the Rule for the Installation, Operation, etc. of Commercial Nuclear Power Reactors (the density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2)	60	90	60,000	30
WHO Guidelines for drinking-water quality	10	10	10,000	10

<sup>•</sup> Since some samples are still under analysis, the highest dose of the Strontium-90 is among those previously announced.

 $<sup>^{\</sup>star}$  "ND" indicates that the measurement result is below the detection limit.

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

<sup>\* &</sup>quot;-" indicates that the measurement was out of range.