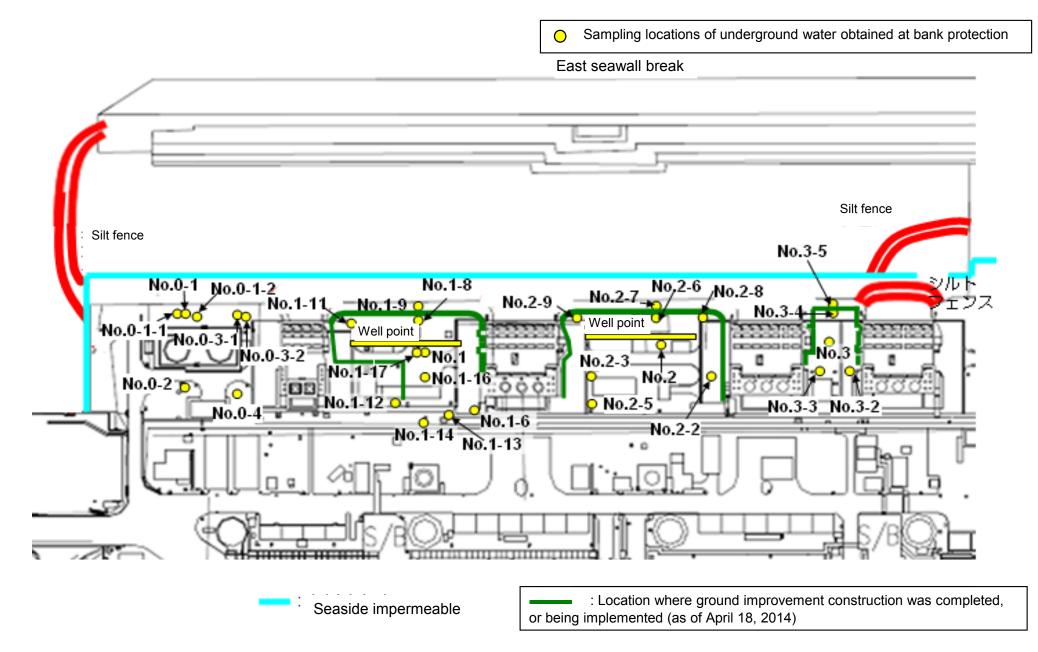
Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (Sampling Locations of Underground Water Obtained at Bank Protection)



Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (1/4) Underground Water Obtained at Bank Protection

														-	Опіт. Бф	L (exclude chloride
L		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 22, 2014	/	/	/	/	
	Time of sampling		/			/	/	/	/	/	6:42 AM	/	/	/	/	/
	Chloride (unit: ppm)		/		/	/	/	/	/	/	50	/	/	/	/	/
Cs	-134 (Approx. 2 years)		/		/	/	/	/	/	/	3.6	/	/	/	/	/
Cs	137 (Approx.30 years)		/		/	/	/	/	/	/	10	/	/	/	/	/
			/		/	/	/	/	/	/		/	/	/	/	/
The			/		/	/	/	/	/	/		/	/	/	/	/
other y			/		/	/	/	/	/	/		/	/	/	/	/
-		1 /	/		/	/		/	/	/		/	/	/	/	/
L	Gross β	1/	/		/		/	/	/	/	35		/	/	/	
н	-3 (Approx. 12 years)	1/	/		/	/	/	/	/	/	ND(110)	/	/	/	/	/
Sr-	90 (Approx. 29 years)	/	/	/	/	/	/	/	/	/	-	/	/	/	/	/
		1	r		·	1	/		I	r			1	r		I
L		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	/	May 21, 2014	May 21, 2014	May 21, 2014	/	May 22, 2014	May 23, 2014	May 21, 2014	May 21, 2014	May 21, 2014	May 21, 2014	May 21, 2014	May 21, 2014		
	Time of sampling	/										Way 21, 2014		Way 21, 2014	May 21, 2014	
			11:25 AM	12:53 PM	10:55 AM	/	9:41 AM	9:50 AM	12:08 PM	10:00 AM	10:35 AM	11:40 AM	12:03 PM	11:05 AM	May 21, 2014 10:50 AM	
	Chloride (unit: ppm)		11:25 AM -	12:53 PM -	10:55 AM -	/	9:41 AM -	9:50 AM 900	12:08 PM -	10:00 AM -						
Cs	Chloride (unit: ppm) -134 (Approx. 2 years)						9:41 AM - ND(0.45)				10:35 AM	11:40 AM	12:03 PM	11:05 AM	10:50 AM	
			-	-	-		-	900	-	-	10:35 AM -	11:40 AM -	12:03 PM	11:05 AM	10:50 AM 2,200	
	-134 (Approx. 2 years)		- ND(0.45)	- 10	- ND(0.48)		- ND(0.45)	900 0.59	- ND(0.45)	- 0.99	10:35 AM - 0.53	- 11:40 AM - 10	12:03 PM - 73	11:05 AM - 2.8	10:50 AM 2,200 20	
	-134 (Approx. 2 years)		- ND(0.45)	- 10	- ND(0.48)		- ND(0.45)	900 0.59	- ND(0.45)	- 0.99	10:35 AM - 0.53	- 11:40 AM - 10	12:03 PM - 73	11:05 AM - 2.8	10:50 AM 2,200 20	
Cs-	-134 (Approx. 2 years)		- ND(0.45)	- 10	- ND(0.48)		- ND(0.45)	900 0.59	- ND(0.45)	- 0.99	10:35 AM - 0.53	- 11:40 AM - 10	12:03 PM - 73	11:05 AM - 2.8	10:50 AM 2,200 20	
Cs- The	-134 (Approx. 2 years)		- ND(0.45)	- 10	- ND(0.48)		- ND(0.45)	900 0.59	- ND(0.45)	- 0.99	10:35 AM - 0.53	- 11:40 AM - 10	12:03 PM - 73	11:05 AM - 2.8	10:50 AM 2,200 20	
Cs- The	-134 (Approx. 2 years)		- ND(0.45)	- 10	- ND(0.48)		- ND(0.45)	900 0.59	- ND(0.45)	- 0.99	10:35 AM - 0.53	- 11:40 AM - 10	12:03 PM - 73	11:05 AM - 2.8	10:50 AM 2,200 20	
Cs- The other γ	-134 (Approx. 2 years) 137 (Approx.30 years)		- ND(0.45) ND(0.57)	- 10 29	- ND(0.48) 1.10		- ND(0.45) ND(0.54)	900 0.59 1.9	- ND(0.45) ND(0.54)	- 0.99 2.3	10:35 AM - 0.53 1.9	11:40 AM - 10 26	12:03 PM - 73 200	11:05 AM - 2.8 7.4	10:50 AM 2,200 20 58	

* Data announced this time is provided in a thick-frame. The other data was announced on May 22, 23, and 24.

* "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 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 (2/4) Underground Water Obtained at Bank Protection

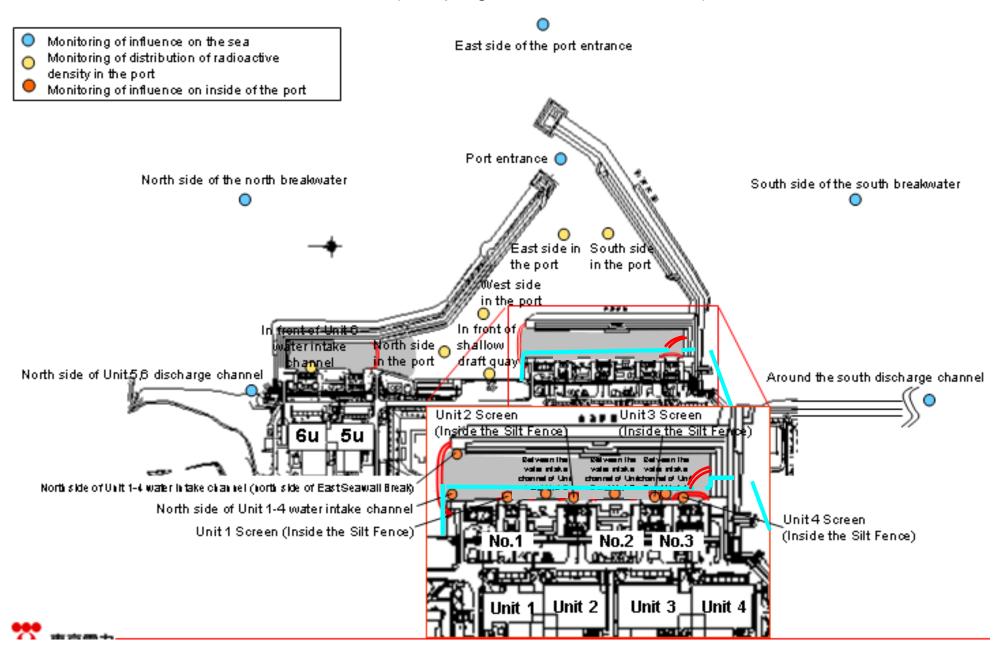
		-						r		1		1	1		Unit: Bq/	L (exclude chlo
		Underground water observation hole No.0-1	Underground water observation hole No.0-1-2	Underground water observation hole No.0-2	Underground water observation hole No.0-3-1	Underground water observation hole No.0-3-2	Underground water observation hole No.0-4	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	Undergrou water observ hole No.1-
	Date of sampling	May 25, 2014	May 25, 2014	May 25, 2014	May 25, 2014	/	May 25, 2014	/	/	/	May 25, 2014	/	/	/	/	
	Time of sampling	11:36 AM	10:50 AM	10:15 AM	10:34 AM	/	9:41 AM	/	/	/	6:45 AM	/	/	/	/	
	Chloride (unit: ppm)	-	-	-	-	/	-		/	/	110	/	/	/	/	
C	s-134 (Approx. 2 years)	29 ^{*1}	ND(0.47)	ND(0.39)	ND(0.40)		ND(0.39)		/	/	2.4	/	/	/	/	
Cs	s-137 (Approx.30 years)	78 ^{*1}	ND(0.53)	ND(0.46)	0.60	/	ND(0.47)	/	/	/	6.4	/	/	/	/	/
						/		/	/	/		/	/	/	/	/
The						/		/		/			/	/	/	/
other y						/		/		/			/	/	/	/
						/		/	/	/			/	/		
	Gross β	290	ND(18)	ND(18)	ND(18)	/	ND(18)		/	/	42		/	/	/	/
ŀ	I-3 (Approx. 12 years)	Under analysis	Under analysis	Under analysis	Under analysis	/	Under analysis	/	/	/	Under analysis	1/	/	/	/	/
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	/	May 25, 2014	May 25, 2014	May 25, 2014	/	/	May 25, 2014	May 25, 2014	May 25, 2014	/	/	/	/	/	
	Time of sampling		9:43 AM	11:57 AM	9:18 AM	/	/	10:49 AM	11:12 AM	10:00 AM	/	/	/	/	/	
	Chloride (unit: ppm)		-	-	-			850	-	-				/	/	
C	s-134 (Approx. 2 years)		ND(0.42)	11	ND(0.47)			ND(0.37)	ND(0.38)	ND(0.58)						
Cs	s-137 (Approx.30 years)		ND(0.55)	28	0.55			1.9	ND(0.47)	1.3				/		
															/	
The other γ															<u> </u>	
		1 /					/				/	/	/			
	Gross β	1/	270	540	1,100	/	/	830	3,800	110,000	/	/		/	/	
ŀ	H-3 (Approx. 12 years)	1/	Under analysis	Under analysis	Under analysis	/	/	Under analysis	Under analysis	Under analysis	/	/	/	/	/	
		1/		1		. /				1	1 /	1.7	1.7	1.7	1.7	4

* "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 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 (Sampling Locations of Seawater)



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

												<u> </u>	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 channel (in front of impermeable wall)	1F, Between the water intake channel of Unit 1 and Unit 2 (surface layer)	1F, Between the water intake channel of Unit 1 and Unit 2 (lower layer)	1F, Between the water intake channel of Unit 2 and 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 *	tor drinking- water
Date of Sampling	/	/	/	/	/	May 22, 2014	May 22, 2014	/	/	/	/		
Time of sampling						6:39 AM	6:39 AM						
Cs-134(Approx. 2 years)						8.7	28		/			60	10
Cs-137(Approx.30 years)						33	81					90	10
Gross β		/				1,400	450						
H-3 (Approx. 12 years)		/		/		2,900	1,200					60,000	10,000
Sr-90 (Approx. 29 years)	/	/	/	/	/	-	-	V	/	/	V	30	10

												<u> </u>	Jnit: Bq/L
	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	1F, South 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 Limit Specified by the Reactor Regulatio n *	WHO Guidelines 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)												60,000	10,000
Sr-90(Approx. 29 years)	V	/	/	V	V	/	V	/	V	V	/	30	10

* Data announced this time is provided in a thick-frame. The other data was announced on March 23.

* "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.

* 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 cor from Bq/cm³ to Bq/L]).

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

												ι	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	Intake channel	1F, In front of Unit 1 discharge channel (in front of impermeable wall)		1F, Between the water intake channel of Unit 1 and Unit 2 (lower layer)	1F, Between the water intake channel of Unit 2 and 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 Guidelines for drinking- water quality
Date of Sampling	/	/			/	May 25, 2014	May 25, 2014	/	/	/	/		
Time of sampling		/	/			6:40 AM	6:40 AM						
Cs-134(Approx. 2 years)						8.8	17					60	10
Cs-137(Approx.30 years)		/				18	49		/			90	10
Gross β						1,300	1,100 ^{*1}						
H-3 (Approx. 12 years)						Under analysis	Under analysis	/			/	60,000	10,000
Sr-90 (Approx. 29 years)	/	/	/	/	/	-	-	/	/	/	/	30	10

												ι	Unit: Bq/L
	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	1F, South 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 Limit Specified by the Reactor Regulatio n *	WHO Guidelines 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)			/	/	/							60,000	10,000
Sr-90 (Approx. 29 years)	\vee	/	V	/	/	/	/	/	/		/	30	10

*1 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')

* "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.

* 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 cor from Bq/cm³ to Bq/L]).

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

(Approx. 2 years) (Approx.30 years) 106 (Approx. 370 days) 54 (Approx. 310 days)		<5/4> <5/4>	0.61 1.5 ND	<3/2> <3/2>	ND 0.51 ND	[11/17]	0.61 2.2	[10/13] <1/12>	0.64	<4/6>	0.82	<1/14>	ND		40	60,000											0.000	
06 (Approx. 370 days)	ND	<5/4>		<3/2>		[11/17]	2.2	<1/12>							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>
					ND				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>
54 (Approx. 310 days)	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	
			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>
-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>
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 ^{*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]	860,000	<5/8>
pprox. 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>
opprox, 29 years)	140	[8/8]	Under analysis		Under analysis		0.73	[9/2]	Under analysis		Under analysis		Under		1,300	[8/22]	2,300	[6/28]	5.000.000	[7/5]	130.000	[8/8]	200	[7/8]	5,100	[8/22]	-	
Gr	oss β	oxs β 300 ox. 12 years) 45,000	ooss β 300 (8/22) ox. 12 years) 45,000 (8/29)	oss β 300 (8/22) 21 ox. 12 years) 45,000 (8/29) 18,000 roy. 29 years) 140 (8/8) Under	οss β 300 (8/22) 21 (12/7) ox. 12 years) 45,000 (8/29) 18,000 (12/7) roy. 29 years) 140 (8/8) Under	κ 300 (8/22) 21 (12/7) 21 ox. 12 years) 45,000 (8/29) 18,000 (12/7) 74,000 roy. 29 years) 140 (8/29) Under Under Under	οss β 300 (8/22) 21 (12/7) 21 (11/10) ox. 12 years) 45,000 (8/29) 18,000 (12/7) 74,000 [12/15] roy. 29 years) 140 [8/2] Under Under	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	κ 300 (8/22) 21 (12/7) 21 (11/10) 87 (10/13) ND ox. 12 years) 45,000 (8/29) 18,000 (12/7) 74,000 [12/15] <1/19> 6,800 <2/16> ND roy. 29 years) 140 (8/8) Under Under 0.73 (9/2) Under	coss β 300 (8/22) 21 (12/7) 21 (11/10) 87 (10/13) ND ox. 12 years) 45,000 (8/29) 18,000 (12/7) 74,000 [12/15] <1/19> 6,800 <2/16> ND roy. 29 years) 140 (8/8) Under Under 0.73 (9/2) Under	OSS β 300 (8/22) 21 (12/7) 21 (11/10) 87 (10/13) ND 67*1 OX. 12 years) 45,000 (8/29) 18,000 (12/7) 74,000 [12/15] <1/19> 6,800 <2/16> ND 76,000 roy. 29 years) 140 (9/9) Under Under 0.72 (9/2) Under Under	oss β 300 (8/22) 21 (12/7) 21 (11/10) 87 (10/13) ND 67*1 (12/11) ox. 12 years) 45,000 (8/29) 18,000 (12/7) 74,000 [12/15] 6,800 <2/16> ND 76,000 <2/6> roy. 29 years) 140 (8/8) Under Under 0.73 (9/2) Under Under	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\frac{1}{10000000000000000000000000000000000$	$\frac{1}{12} = \frac{1}{12} $	$\frac{1}{1000} = \frac{1}{1000} = 1$	$\frac{1}{12} = \frac{1}{12} $	$\frac{1}{1} = \frac{1}{1} = \frac{1}$	$\frac{1}{10000} = \frac{1}{10000} = $						

		Groundv observatio No.1	on hole	observa	dwater tion hole .1-9	Ground observati No.1-	on hole		dwater tion hole 1-11	observa	idwater ition hole 1-12	Groun observa No.			dwater tion hole 1-14	Ground observat No.1	ion hole	observa	ndwater ation hole .1-17	Ground pumped the we (betwee and	up from Il point n Unit 1	observa	ndwater ation hole lo.2	observa	ndwater ation hole .2-1 [°]	observa	idwater ition hole .2-2	observa	ndwater ation hole 0.2-3
	Cs-134 (Approx. 2 years)	47	[11/25]	170	[9/3]	-		1.1	<1/13>	74	[10/21]	37,000	<2/13>	88 *2	2 <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>
(Cs-137 (Approx.30 years)	110	[11/25]	380	[9/3]	-		3.4	<4/28>	170	[10/21]	93,000	<2/13>	230 *2	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		16	<5/15>	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>	4,200	<5/22>	3,100,000	<1/20> <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)	19,000	<5/12>	*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]
	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		-		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	idwater ition hole .2-7	observa	idwater ition hole .2-8	Ground observat No.	tion hole	the we betwee	idwater I up from ell point en Unit 2 d 3)	observa	ndwater ation hole lo.3	observa	ndwater ation hole 9.3-1°	observa	ndwater Ition hole 1.3-2	observa	ndwater ation hole 9.3-3	observ	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)	11	<5/14>	73	<5/21>	3.3	<5/14>	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]	29	<5/14>	200	<5/21>	9.4	<5/14>	170	<1/15>
	Ru-106 (Approx. 370 days)	ND		ND		ND		ND		6.5 *2	<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		-	
	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]	1,000	<5/14>	4,200	<4/9> <4/27>	1,700 ^{*2}	<2/7>	240,000	[12/12]	1,400	[7/11]	180	[8/1]	2,700 ^{*2}	<5/21>	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	<1/19>	1,700	<4/6>	*2 13,000	<2/7>	5,700	<5/18>	3,200	[2012/12/ 12]	460	[8/1]	2,800	<5/14>	8,000	<5/7>	170	[9/18]	170	<1/8>
ş	Gr-90(Approx. 29 years)	Under analysis		Under analysis		Under analysis		-		-		-		8.3	[2012/12/ 12]	4.4	[7/23]	Under analysis		-		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. (γ 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.

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

		side of Unit rge channel		ont of Unit 6 ake channel		t of shallow quay	4 water in (north s	ide of Unit 1- take channel de of East all Break)	discharge front of im	nt of Unit 1 channel (in permeable rall)	intake char and Unit	en the water nnel of Unit 1 2 (surface yer)	intake cha	een the water nnel of Unit 1 (lower layer)	intake char	en the water anel of Unit 2 Unit 3	intake char	en the water inel of Unit 3 Unit 4		4 Screen Silt Fence)	1-4 wat cha (In front of i	side of Unit er intake annel mpermeable eall)
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]	52	[12/21]	37	<5/12>	62	[9/16]	15	<4/14>
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]	110	[10/11] [12/21]	98	<5/12>	140	[9/16]	45	<5/19>
Gross β	17	<1/6>	46	[8/19]	40	[7/3]	320	[8/12]	140	<5/5>	1,900	<5/20>	840	<5/15>	640	<5/12>	540	<5/19>	360	[10/7]	380	<3/10>
H-3 (Approx. 12 years)	8.7	<5/12>	24	[8/19]	340	[6/26]	510	[9/2]	220	<5/5>	4,100	<5/11>	2,600	<5/15>	1,900	<5/12>	1,200	<4/14>	770	<4/14>	540	<4/14>
Sr-90 (Approx. 29 years)	4.7	[6/26]	I		7.2	[6/26]	220	[8/19]	-		480	[8/22]	290	[10/20]	340	[10/14]	190	[9/23]	140	[6/21]	-	

Unit: Bq/L

		d the south le channel	1F, Por	t entrance	1F, East si	de in the port		t side in the port		n side in the port		h side in the port		of the north kwater		side of the ntrance		of the south kwater	Southeast side of the north breakwater	South side breat	of the south water
Cs-134(Approx. 2 years)	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)	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	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)	5.6	<5/19>	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)	0.29	[6/26]	49	[8/19]	-		_		-		_		-		-		-		_	-	

* 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.

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

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

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

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

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

Unit: Bq/L