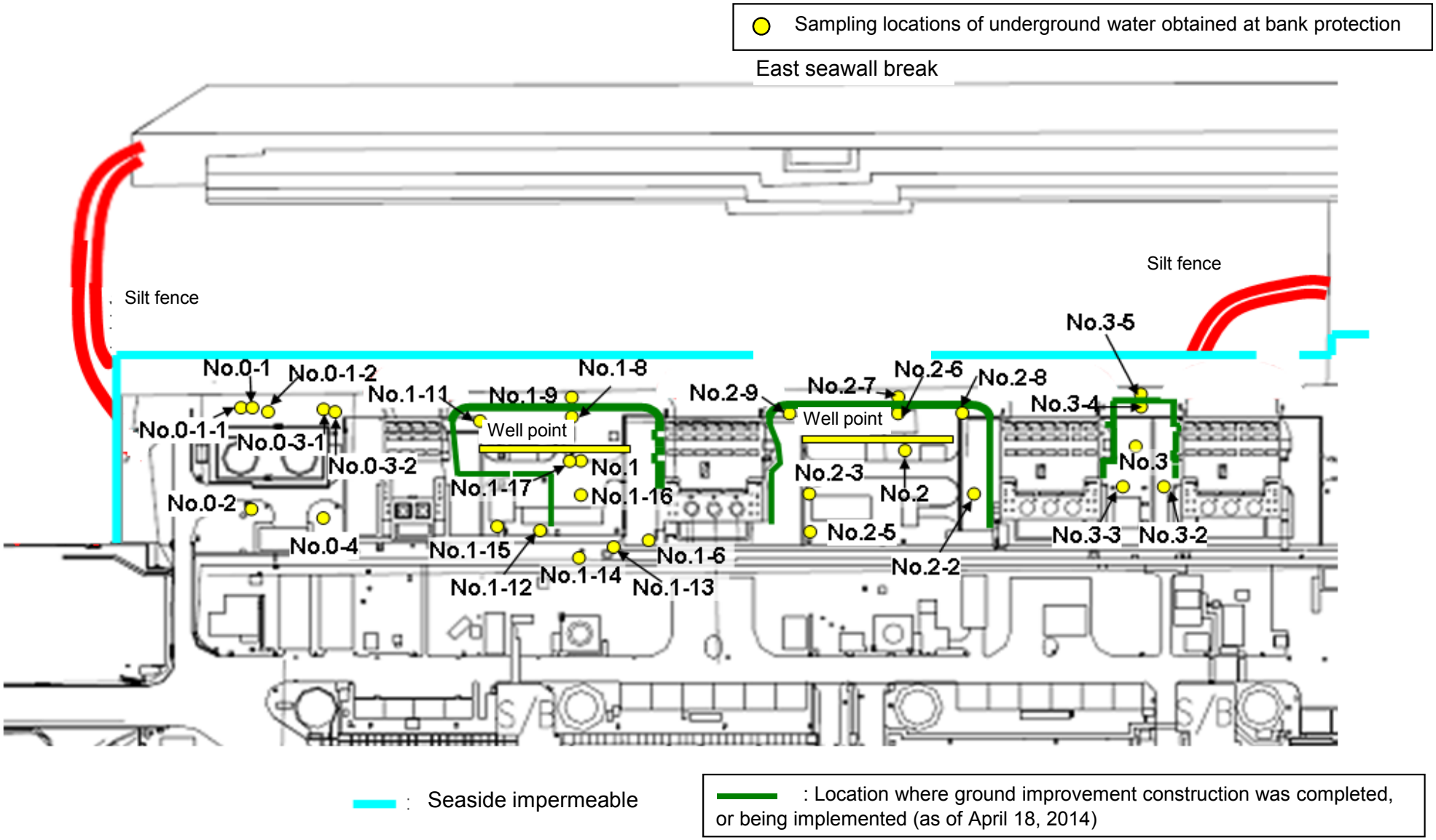
<Reference>
November 28, 2014
Tokyo Electric Power Company

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 (1/3)
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 (note)	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		November 23, 2014	November 23, 2014	November 23, 2014	November 23, 2014		November 23, 2014	November 24, 2014	November 24, 2014	November 24, 2014	November 25, 2014	November 24, 2014	November 24, 2014	November 24, 2014	November 24, 2014	November 24, 2014
Time of sampling		10:33 AM	9:48 AM	9:15 AM	9:32 AM		8:39 AM	9:19 AM	9:47 AM	9:53 AM	7:15 AM	9:35 AM	9:06 AM	9:18 AM	9:28 AM	10:09 AM
Chloride (unit: ppm)		–	–	–	–		–	–	–	–	21	–	–	–	–	–
Cs-134 (Approx. 2 years)		–	ND(0.43)	ND(0.34)	ND(0.49)		ND(0.34)	ND(0.39)	16,000	25	–	ND(0.42)	2.9	94	ND(1.2)	ND(0.39)
Cs-137 (Approx.30 years)		–	ND(0.64)	ND(0.46)	ND(0.64)		ND(0.48)	0.45	50,000	73	–	ND(0.65)	8.0	320	1.8	ND(0.48)
The other γ	Mn-54 (Approx. 310 days)	–	ND	ND	ND		ND	ND	ND	ND	–	ND	ND	ND	1.9	ND
	Co-60 (Approx. 5 years)	–	ND	ND	ND		ND	ND	200	ND	–	ND	ND	ND	ND	ND
	Ru-106（Approx. 370 days)	–	ND	ND	ND		ND	5.0	ND	ND	–	ND	ND	ND	ND	ND
	Sb-125 (Approx. 3 years)	–	ND	ND	ND		ND	ND	ND	ND	–	ND	ND	ND	7.6	ND
Gross β		150	ND(18)	18	ND(18)		18	31	550,000	21,000	ND(18)	28	160	31,000	690,000	33,000
H-3 (Approx. 12 years)		1,700	7,800	260	ND(110)		22,000	180,000	6,500	45,000＊1	ND(110)	15,000	27,000	5,800	2,500	77,000
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		November 24, 2014					November 25, 2014								
Time of sampling		10:00 AM					8:55 AM								
Chloride (unit: ppm)		–					–								
Cs-134 (Approx. 2 years)		130					ND(0.40)								
Cs-137 (Approx.30 years)		410					ND(0.53)								
The other γ	Mn-54 (Approx. 310 days)	79					ND								
	Co-60 (Approx. 5 years)	3.0					ND								
	Ru-106（Approx. 370 days)	ND					ND								
	Sb-125 (Approx. 3 years)	ND					ND								
Gross β		1,900,000					1,200								
H-3 (Approx. 12 years)		93,000					880								
Sr-90（Approx. 29 years）		–					–								

* Data announced this time is provided in a thick-frame. The other data was announced on Novemeber 24, 25, and 26, 2014.
* "ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses, except "the other γ".
* "-" indicates that the measurement was out of range.
(Note) As for No. 1-9, 2-5, and 3-5, γ was not measured because they are samlpled by sampler. Gross β were measured after filtation for references.

*γ was not measured because the water was highly turbid. (Gross β were measured after filtration as references.)

*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 (2/3)
Underground Water Obtained at Bank Protection

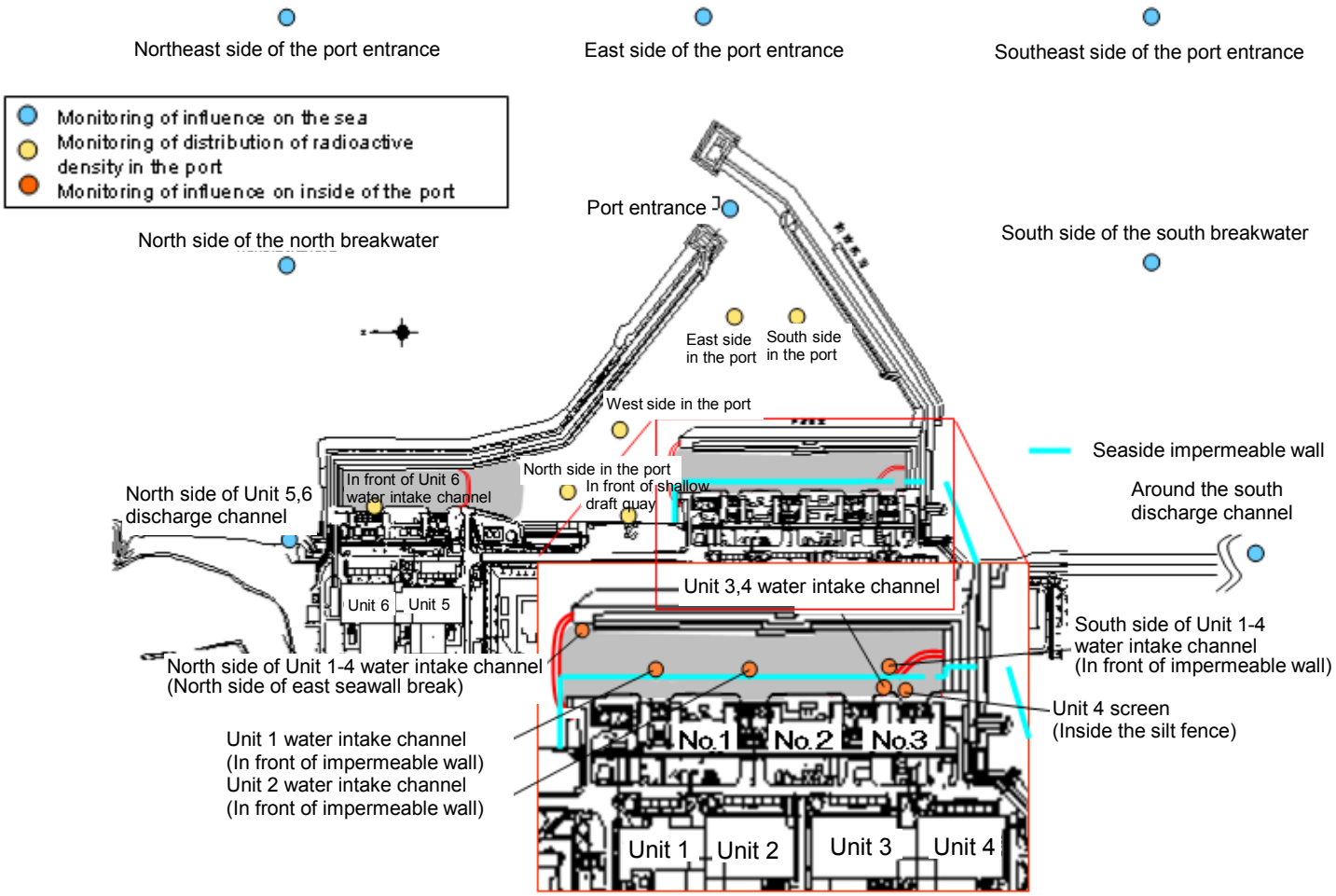
Unit: Bq/L (exclude chloride)

		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 (note)	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						November 27, 2014		November 27, 2014	November 27, 2014		November 27, 2014	November 27, 2014	November 27, 2014	November 27, 2014	November 27, 2014	November 27, 2014
Time of sampling						9:30 AM		9:05 AM	9:56 AM		7:07 AM	9:22 AM	9:12 AM	9:25 AM	9:32 AM	10:09 AM
Chloride (unit: ppm)						–		–	–		20	–	–	–	–	–
Cs-134 (Approx. 2 years)						ND(0.36)		ND(0.37)	15,000		–	0.39	3.6	87	3.0	–
Cs-137 (Approx.30 years)						ND(0.51)		ND(0.46)	47,000		–	1.1	12	270	4.7	–
The other γ	Mn-54 (Approx. 310 days)					ND		ND	ND		–	ND	ND	ND	1.3	–
	Co-60 (Approx. 5 years)					ND		ND	130		–	ND	ND	ND	ND	–
	Sb-125 (Approx. 3 years)					ND		ND	ND		–	ND	ND	ND	6.0	–
Gross β						31		61	530,000		ND(17)	32	220	29,000	580,000	19,000
H-3 (Approx. 12 years)						Under analysis		Under analysis	Under analysis		Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis
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 (note)	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(note)
Date of sampling							November 27, 2014								
Time of sampling							8:48 AM								
Chloride (unit: ppm)							–								
Cs-134 (Approx. 2 years)							ND(0.34)								
Cs-137 (Approx.30 years)							ND(0.45)								
The other γ	Mn-54 (Approx. 310 days)						ND								
	Co-60 (Approx. 5 years)						ND								
	Sb-125 (Approx. 3 years)						ND								
Gross β							1,100								
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, except "the other γ".
* "-" indicates that the measurement was out of range.
(Note) As for No. 1-9, 2-5, and 3-5, γ was not measured because they are samlpled by sampler. Gross β were measured after filtation for references.
*γ was not measured because the water was highly turbid. (Gross β were measured after filtration as references.)

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 (3/3) 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 water intake channel (in front of impermeable wall)	1F, In front of Unit 2 water intake channel (in front of impermeable wall)	1F, In front of Unit 3 & 4 water intake channel	1F, Unit 4 Screen	1F, South side of Unit 1-4 water intake channel (in front of impermeable wall)	1F, Around the south discharge channel	Density Limit Specified by the Reactor Regulation *	WHO Guidelines for drinking-water quality
Date of Sampling	November 24, 2014	November 24, 2014	November 24, 2014	November 24, 2014	November 24, 2014	November 24, 2014	November 24, 2014	November 24, 2014	November 24, 2014	November 24, 2014		
Time of sampling	6:25 AM	6:50 AM	6:45 AM	7:20 AM	6:57 AM	7:05 AM	7:13 AM	7:10 AM	7:16 AM	5:40 AM		
Cs-134(Approx. 2 years)	ND(0.71)	ND(3.1)	ND(2.0)	4.6	7.1	8.1	6.8	6.8	4.9	ND(0.85)	60	10
Cs-137(Approx.30 years)	ND(0.76)	ND(2.5)	3.7	23	22	25	25	26	16	ND(0.72)	90	10
Gross β	14	ND(18)	ND(18)	160	130	170	120	120	110	13		
H-3 (Approx. 12 years)	ND(1.7)	ND(3.2)	6.4	220	310	310	300	250	190	ND(1.7)	60,000	10,000
Sr-90（Approx. 29 years）	—	—	—	—	—	—	—	—	—	—	30	10

Unit: Bq/L

	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	1F, North side of the north breakwater	1F, Port entrance (north-east side)	1F, Port entrance (east side)	1F, Port entrance (south-east side)	1F, South side of the south breakwater	Density Limit Specified by the Reactor Regulation *	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）											30	10

* Data announced this time is provided in a thick-frame. The other data was announced on Novemeber 25, 2014.

* "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.

*Sampling at "Center in the port at 1F" has been ceased due to the end of influence assessment for the capture of C discharge channel.

* 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/cm^3 to Bq/L]).

<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*	Groundwater observation hole No.1-6
Cs-134 (Approx. 2 years)	29 〈5/25〉	ND	0.61 〈3/2〉	0.61 〔10/13〕	0.64 〈4/6〉	1.3 〈9/25〉	0.70 〈6/29〉	13 〔8/29〕	1.9 〔7/8〕	11,000 〔7/9〕	10 〔9/2〕	1.5 〔7/8〕	310 〔8/5〕	67,000 〈10/17〉
Cs-137 (Approx.30 years)	78 〈5/25〉	ND	1.5 〈3/2〉	2.2 〈1/12〉	1.1 〈4/6〉	5.1 〈9/25〉	1.6 〈6/29〉	31 〔8/29〕	3.6 〔7/8〕	22,000 〔7/9〕	24 〔9/2〕	3.6 〔7/8〕	650 〔8/5〕	200,000 〈10/16〉
The other γ: 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 other γ: 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	700 〈10/13〉
The other γ: Co-60 (Approx. 5 years)	ND	ND	ND	ND	ND	ND	ND	0.50 〔7/19〕	ND	3.1 〔7/8〕	ND	ND	ND	3,600 〈10/13〉
The other γ: 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〕	34 〈5/19〉
Gross β	300 〔8/29〕 〈5/18〉	21 〔12/7〕	24 〈6/22〉	87 〔10/13〕	ND	74 〈10/9〉	44 〈6/22〉	1,900 〔5/24〕	4,400 〔7/8〕	9,300,000 〔7/8〕	160,000 〔8/12〕 〔8/15〕	380 〔8/19〕	56,000 〔8/5〕	7,800,000 〈10/13〉
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〕	110,000 *2 〈2/6〉
Sr-90(Approx. 29 years)	140 〔8/8〕	7.9 〔12/7〕	2.6 〔11/10〕	0.73 〔9/2〕	1.5 〔11/20〕	2.3 〔12/6〕	ND(0.83) 〔10/27〕	1,300 〔8/22〕	2,300 〔6/28〕	5,000,000 〔7/5〕	130,000 〔8/8〕	200 〔7/8〕	5,100 〔8/22〕	1,100,000 〈8/4〉 〈10/2〉

Unit: Bq/L

	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.1-15	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
Cs-134 (Approx. 2 years)	47 〔11/25〕	170 〔9/3〕	－	1.1 〈1/13〉	74 〔10/21〕	37,000 〈2/13〉	130 〈10/18〉	ND	30 〈7/28〉	1.4 〈7/7〉	920 〈11/13〉	0.88 〈2/26〉	0.66 〔9/1〕	15 〈2/12〉
Cs-137 (Approx.30 years)	110 〔11/25〕	380 〔9/3〕	－	3.4 〈4/28〉	170 〔10/21〕	93,000 〈2/13〉	390 〈10/20〉	0.88 〈7/10〉	86 〈7/28〉	3.0 〈9/29〉	3,000 〈11/13〉	2.5 〈2/26〉	1.1 〔8/29〕 〔9/1〕	38 〈2/12〉
The other γ: Ru-106 (Approx. 370 days)	ND	ND	－	ND	5.4 〔10/28〕	ND	ND	ND	9.2 〔10/28〕	5.5 〈4/21〉 〈5/1〉	25 〔9/2〕	ND	ND	ND
The other γ: Mn-54 (Approx. 310 days)	12 〈2/3〉	ND	－	ND	ND	ND	2.1 〈9/8〉	ND	11 〈8/25〉	ND	110 〈11/13〉	ND	ND	ND
The other γ: Co-60 (Approx. 5 years)	1.3 〈2/3〉	ND	－	ND	0.51 〔10/24〕	ND	0.44 〈5/29〉	ND	0.9 〔11/7〕	0.61 〔11/25〕	3.0 〈11/24〉	ND	ND	ND
The other γ: Sb-125 (Approx. 3 years)	ND	ND	－	ND	61 〔10/21〕	ND	ND	ND	24 〈6/16〉	2.1 〔11/25〕	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〉	31,000 〈11/20〉 〈11/24〉	110 〈7/10〉	3,100,000 〈1/20〉 〈1/30〉 〈2/3〉	1,200,000 〈10/9〉	3,200,000 〈11/13〉	1,700 〔7/8〕	380 〔7/29〕	600 〈4/16〉
H-3 (Approx. 12 years)	41,000 〈11/17〉	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〉	74,000 〈7/10〉	43,000 〔9/26〕	160,000 〈10/13〉 〈10/16〉 〈11/3〉	460,000 〔8/19〕	1,000 〈2/23〉	440 〔8/26〕	660 〈1/8〉
Sr-90(Approx. 29 years)	35,000 〈2/17〉	300 〔10/3〕	—	170 〈8/4〉	290 〔10/21〕	160,000 〈2/12〉	28,000 〈10/2〉	Under analysis	2,700,000 〈2/13〉	990,000 〈10/2〉	—	54 〔5/31〕	5.9 〔7/25〕	320 〔12/25〕

Unit: Bq/L

	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.2-8	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.3-2	Groundwater observation hole No.3-3	Groundwater observation hole No.3-4	Groundwater observation hole No.3-5
Cs-134 (Approx. 2 years)	2.2 〈2/26〉	41 〈5/7〉	17 〈3/11〉	3.5 〈2/23〉	1.3 〈7/20〉	ND	2.2 〈9/7〉	3.5 〔7/25〕	1.2 〔7/25〕 〔8/8〕	23 〈8/27〉	180 〈7/2〉	5.1 〈7/23〉	100 〈7/30〉
Cs-137 (Approx.30 years)	5.5 〈2/26〉	110 〈5/7〉	50 〈3/11〉	9.0 〈2/23〉	3.4 〈7/20〉	0.58 *2 〈2/11〉	5.7 〈9/7〉	5.9 〔8/8〕	2.6 〔8/1〕	68 〈9/3〉	500 〈7/2〉	16 〈8/27〉	310 〈7/30〉
The other γ: Ru-106 (Approx. 370 days)	ND	ND	ND	ND	ND	6.5 *2 〈2/11〉	ND	ND	ND	ND	ND	ND	－
The other γ: Mn-54 (Approx. 310 days)	0.29 〔12/6〕	0.95 〈6/4〉	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.54 〔10/30〕	－
The other γ: Co-60 (Approx. 5 years)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	－
The other γ: Sb-125 (Approx. 3 years)	ND	74 〈5/7〉	ND	ND	ND	ND	ND	1.6 〈1/1〉	ND	ND	ND	ND	－
Gross β	1,500 〔12/6〕 〈1/8〉	150,000 〈2/12〉	3,200 〔12/5〕 〈11/6〉	1,300 〈6/20〉	5,800 〈7/23〉	1,700 〈2/7〉	240,000 〔12/12〕	1,400 〔7/11〕	180 〔8/1〕	3,100 〈8/20〉 〈8/28〉	8,900 〈7/2〉	46 〈8/13〉	510 〈7/16〉
H-3 (Approx. 12 years)	1,700 〔12/6〕	7,900 〈4/9〉	1,900 〈8/10〉	1,100 〈1/19〉	1,700 〈4/6〉 〈8/6〉 〈8/13〉	13,000 *2 〈2/7〉 〈2/11〉	13,000 〈10/19〉 〈10/26〉 〈10/29〉	3,200 〔2012. 12/12〕	460 〔8/1〕	3,700 〈7/9〉	8,000 〈5/7〉	170 〔9/18〕	170 〈1/8〉
Sr-90(Approx. 29 years)	1,200 〔12/6〕	34,000 〈5/7〉	Under analysis	ND(1.4) 〔11/21〕	3,900 〈3/30〉	1,200 *2 〈2/11〉	－	8.3 〔2012. 12/12〕	4.4 〔7/23〕	2000 〈4/18〉	3,600 〈4/30〉	ND	200 〈5/28〉

● 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 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 for ground improvement.
(Note) As for No. 1-9, 2-5, and 3-5, since September 17, γ was not measured because they are samlpled by sampler. Gross β were measured after filtation for reference.

<Reference> The Highest Dose Until the Previous Measurement* (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 water intake channel (in front of impermeable wall)	1F, In front of Unit 2 water intake channel (in front of impermeable wall)	1F, Between the water intake channel of Unit 3 and Unit 4	1F, Unit 4 screen (inside the silt fense)	1F, South side of Unit 1-4 water intake channel (in front of impermeable wall)	1F, Around sounth discharge channel	1F, Port entrance
Cs-134(Approx. 2 years)	1.8 〔6/21〕	2.8 〔12/2〕	5.3 〔8/5〕	32 〔10/11〕	12 〈6/23〉	12 〈9/8〉	50 〈9/22〉	62 〔9/16〕	24 〈11/3〉	1.8 〈6/9〉	3.3 〔12/24〕
Cs-137(Approx.30 years)	4.5 〈3/17〉	5.8 〔12/2〕	8.6 〔8/5〕	73 〔10/11〕	33 〈5/12〉	40 〈9/8〉	150 〈9/22〉	140 〔9/16〕 〈9/22〉	64 〈11/3〉	4.9 〈6/9〉	7.3 〔10/11〕
Gross β	17 〈1/6〉	46 〔8/19〕	40 〔7/3〕	320 〔8/12〕	140 〈5/5〉 〈7/14〉 〈8/18〉 〈9/1〉 〈11/17〉	170 〈11/24〉	660 〈6/9〉	680 〈9/22〉	380 〈3/10〉	16 〈6/9〉 〈8/4〉	69 〔8/19〕
H-3 (Approx. 12 years)	8.7 〈5/12〉	24 〔8/19〕	340 〔6/26〕	600 〔8/18〕	460 〈8/18〉	350 〈8/18〉	2,500 〈6/23〉	2,200 〈7/21〉	810 〈8/4〉 〈11/3〉	5.6 〈5/19〉	68 〔8/19〕
Sr-90（Approx. 29 years）	4.7 〔6/26〕	—	7.2 〔6/26〕	220 〔8/19〕	—	—	660 〈6/9〉	470 〈8/4〉	—	0.29 〔6/26〕	49 〔8/19〕

Unit: Bq/L

	1F, East side in the port	1F, West side in the port	1F, North side in the port	1F, South side in the port	1F, Center in the port	1F, North side of the north breakwater	1F, Northeast side of the port entrance	1F, East side of the port entrance	Southeast side of the port entrance	1F, South side of the south breakwater
Cs-134(Approx. 2 years)	3.3 〔10/17〕	4.4 〔12/24〕	5.0 〔12/2〕	3.5 〔10/17〕	3.6 〈11/10〉	ND	ND	ND	ND	ND
Cs-137(Approx.30 years)	9.0 〔10/17〕	10.0 〔12/24〕	8.4 〔12/2〕	7.8 〔10/17〕	15 〈11/10〉	ND	0.7 〈10/8〉	1.6 〔10/18〕	ND	ND
Gross β	74 〔8/19〕	60 〔7/4〕	69 〔8/19〕	79 〔8/19〕	58 〈10/7〉	ND	ND	ND	ND	ND
H-3 (Approx. 12 years)	67 〔8/19〕	59 〔8/19〕	52 〔8/19〕	60 〔8/19〕	110 〈11/10〉	4.7 〔8/14〕	1.8 〈10/1〉	6.4 〔10/8〕	1.8 〈5/29〉	2.8 〈4/23〉
Sr-90（Approx. 29 years）	—	—	—	—	—	—	—	—	—	—

* 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 shown 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.

[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