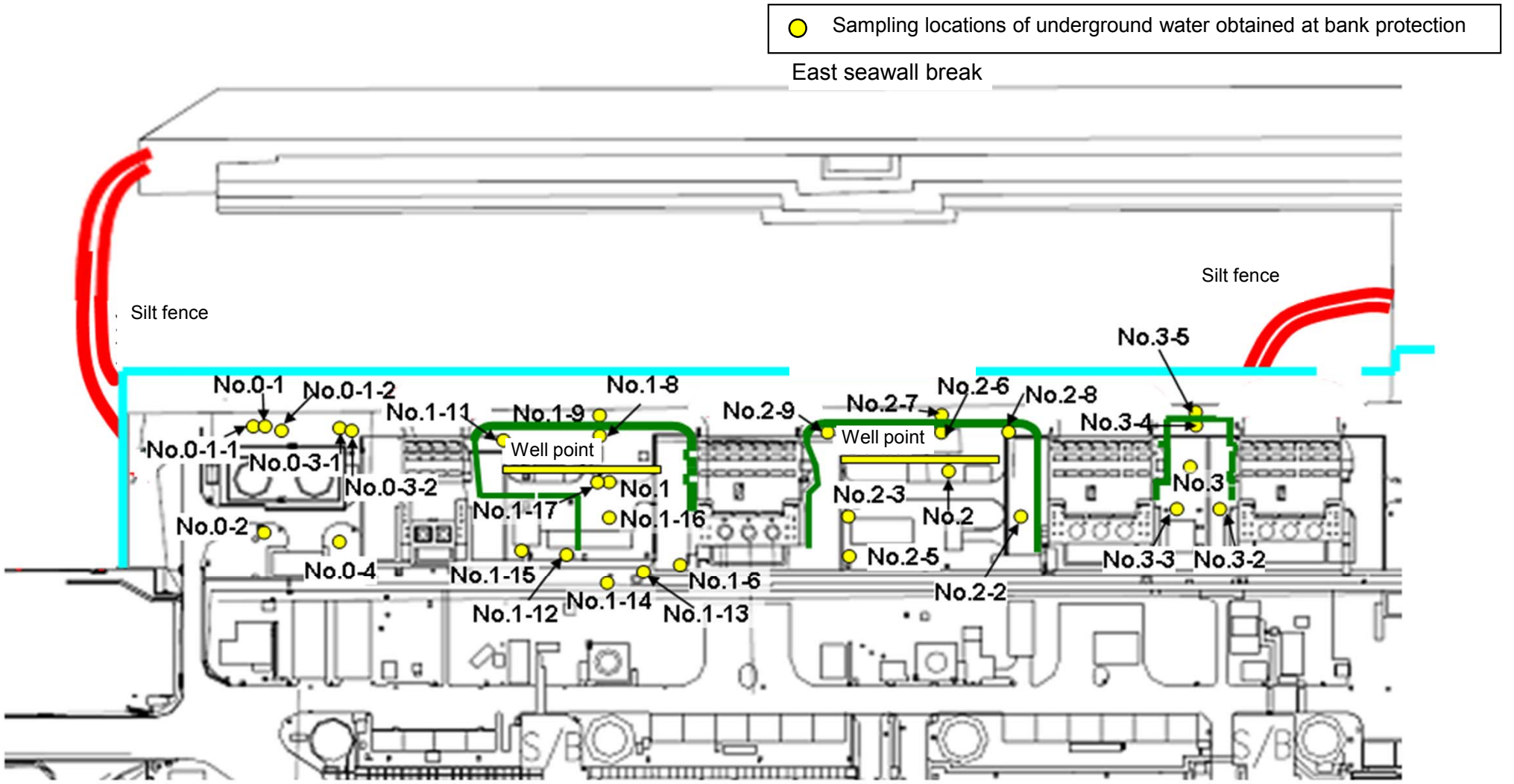
<Reference>
October 1, 2014
Tokyo Electric Power Company

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 (1/4)
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								Jul 14, 2014	Jul 14, 2014	Jul 21, 2014	Jul 13, 2014	Jul 14, 2014	Jul 14, 2014	Jul 14, 2014	Jul 10, 2014	Jul 14, 2014
Time of sampling								10:03 AM	10:27 AM	10:32 AM	7:10 AM	9:41 AM	9:40 AM	9:55 AM	9:02 AM	10:07 AM
Chloride (unit: ppm)								–	–	–	33	–	–	–	–	–
Cs-134 (Approx. 2 years)								ND(0.39)	8,200	9.8	1.9	0.62	3.4	23	ND(0.49)	ND(2.0)
Cs-137 (Approx.30 years)								0.56	23,000	28	4.1	1.5	9.1	70	0.88	1.8
The other γ	Mn-54 (Approx. 310 days)							ND	130	1.6	ND	ND	ND	0.65	ND	ND
	Co-60 (Approx. 5 years)							ND	560	ND	ND	ND	ND	ND	ND	ND
	Sb-125 (Approx. 3 years)							ND	ND	ND	ND	ND	ND	ND	ND	12.0
Gross β								120	860,000	15,000	19	86	150	9,300	110	690,000
H-3 (Approx. 12 years)								140,000	9,200	7,600	ND(110)	5,700	20,000	5,800	74,000	7,200
Sr-90（Approx. 29 years）								88	860,000	15,000	4.7	62	54	8,800	62	700,000

		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		Jul 14, 2014													
Time of sampling		9:10 AM													
Chloride (unit: ppm)		–													
Cs-134 (Approx. 2 years)		ND(0.36)													
Cs-137 (Approx.30 years)		ND(0.51)													
The other γ	Mn-54 (Approx. 310 days)	ND													
	Co-60 (Approx. 5 years)	0.36													
	Sb-125 (Approx. 3 years)	ND													
Gross β		88,000													
H-3 (Approx. 12 years)		10,000													
Sr-90（Approx. 29 years）		91,000													

* Data announced this time is provided in a thick-frame. The other data was announced on July 10, 11,14,15,16,18,22, and 25.
* "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.

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)

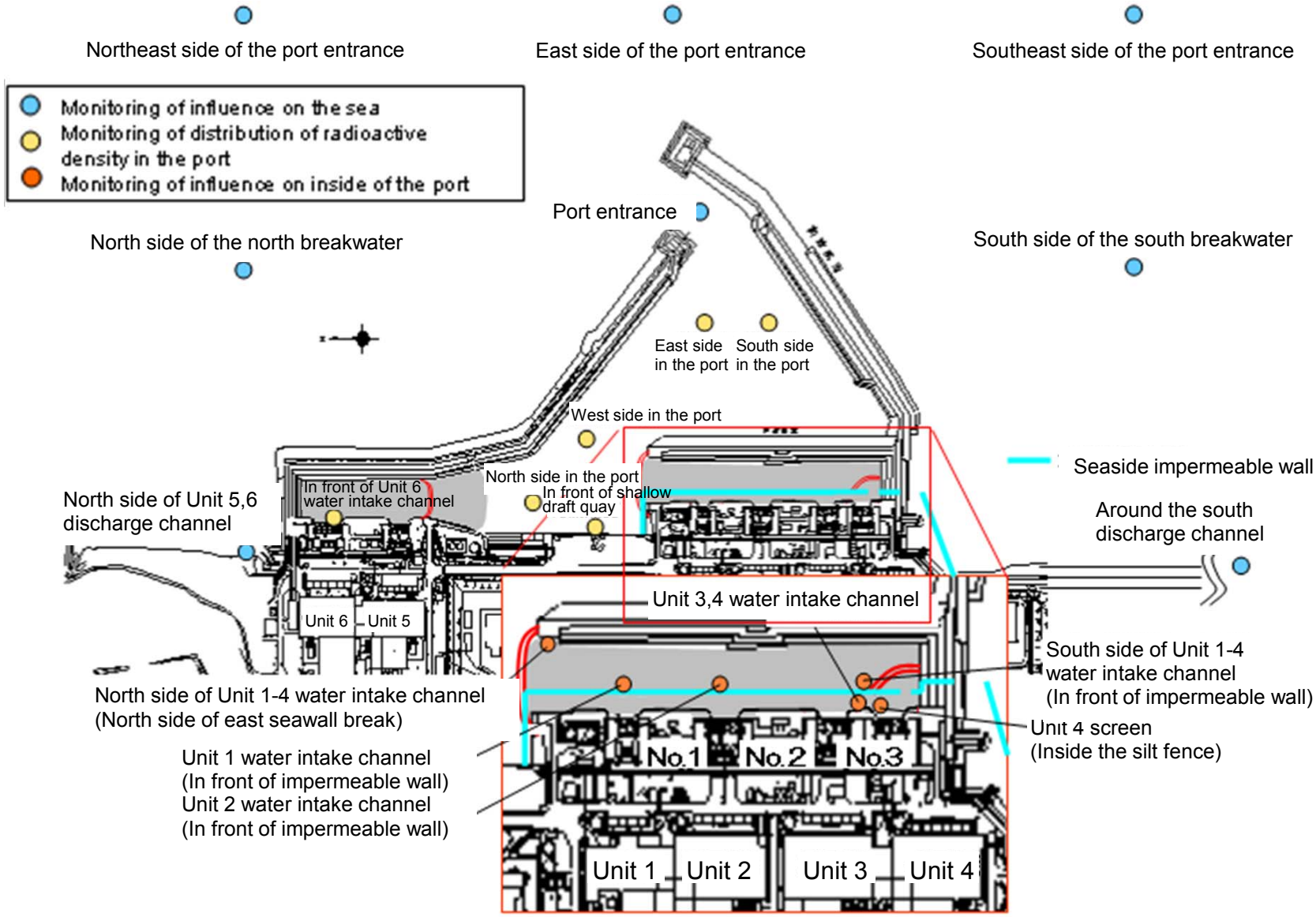
		Underground water observation hole No.0-1	Underground water observation hole No.0-1-2	Underground water observation hole No.0-2	Underground water observation hole No.0-3-1	Underground water observation hole No.0-3-2	Underground water observation hole No.0-4	Underground water observation hole No.1	Underground 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								Aug 4, 2014	Aug 4, 2014	Aug 4, 2014	Aug 5, 2014	Aug 4, 2014	Aug 4, 2014	Aug 4, 2014	Aug 4, 2014	Aug 4, 2014
Time of sampling								9:46 AM	10:21 AM	10:22 AM	6:08 AM	9:26 AM	9:44 AM	9:56 AM	10:08 AM	9:09 AM
Chloride (unit: ppm)								–	–	–	30	–	–	–	–	–
Cs-134 (Approx. 2 years)								ND(0.61)	11,000	9.2	3.4	0.53	9.1	35	ND(1.4)	ND(0.93)
Cs-137 (Approx.30 years)								ND(0.48)	32,000	26	12	1.3	28	110	3.9	0.70
The other γ	Mn-54 (Approx. 310 days)							ND	140	ND	ND	ND	ND	ND	1.70	ND
	Co-60 (Approx. 5 years)							ND	640	ND	ND	ND	ND	ND	ND	0.40
	Sb-125 (Approx. 3 years)							ND	ND	ND	ND	ND	ND	ND	5.9	ND
Gross β								140	1,200,000	15,000	24	240	300	14,000	560,000	190,000
H-3 (Approx. 12 years)								150,000	7,200	12,000	ND(110)	6,000	15,000	5,500	5,400	11,000
Sr-90（Approx. 29 years）								99	1,100,000＊1	14,000	4.4	170＊1	100	13,000＊1	520,000	170,000＊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															
Time of sampling															
Chloride (unit: ppm)															
Cs-134 (Approx. 2 years)															
Cs-137 (Approx.30 years)															
The other γ	Mn-54 (Approx. 310 days)														
	Co-60 (Approx. 5 years)														
	Sb-125 (Approx. 3 years)														
Gross β															
H-3 (Approx. 12 years)															
Sr-90（Approx. 29 years）															

* Data announced this time is provided in a thick-frame. The other data was announced on August 5, 6, and 8.
* "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.

* 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.

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 channel (in front of impermeable wall)	1F, In front of Unit 2 discharge 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 Fence)	1F, North 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	Jul 7, 2014		Jul 7, 2014	Jul 7, 2014			Jul 7, 2014	Jul 7, 2014		Jul 7, 2014		
Time of sampling	6:50 AM		7:10 AM	6:30 AM			6:56 AM	6:50 AM		5:35 AM		
Cs-134(Approx. 2 years)	ND(0.62)		ND(2.1)	3.3			9.9	15		ND(0.74)	60	10
Cs-137(Approx.30 years)	ND(0.57)		2.1	14			38	39		1.2	90	10
Gross β	11		ND(18)	78			280	230		11		
H-3 (Approx. 12 years)	ND(1.7)		7.0	200			680	650		ND(1.7)	60,000	10,000
Sr-90（Approx. 29 years）	0.067		1.7	44			200	180		ND(0.0088)	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	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 Regulation *	WHO Guidelines for drinking-water quality
Date of Sampling	Jul 14, 2014											
Time of sampling	8:49 AM											
Cs-134(Approx. 2 years)	ND(1.3)										60	10
Cs-137(Approx.30 years)	ND(1.2)										90	10
Gross β	ND(17)											
H-3 (Approx. 12 years)	ND(1.7）										60,000	10,000
Sr-90（Approx. 29 years）	0.41										30	10

* Data announced this time is provided in a thick-frame. The other data was announced on July 8, 11, 15, and 23.

The data of Sr-90 of "1F, discharge channel of Unit 5 and 6" and "1F, Around the south discharge channel" in the broken-line frame was announced on August 15, in "Nuclides Analysis Result of the Sub-drain of Fukushima Daiichi NPS".

The data of Sr-90 of "1F, North side of Unit 1-4 water intake channel (north side of East Seawall Break)" in the broken-line frame was announced on September 25, in "Radioactivity Density of the Seawater in the Port of Fukushima Daiichi NPS".

* "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 converted from Bq/cm^3 to Bq/L]).

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 channel (in front of impermeable wall)	1F, In front of Unit 2 discharge 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 Fence)	1F, North 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	Aug 4, 2014		Aug 4, 2014	Aug 4, 2014			Aug 4, 2014	Aug 4, 2014		Aug 4, 2014		
Time of sampling	6:40 AM		7:45 AM	6:50 AM			7:32 AM	7:30 AM		5:45 AM		
Cs-134(Approx. 2 years)	ND(0.76)		ND(3.8)	4.4			16	17		ND(0.62)	60	10
Cs-137(Approx.30 years)	1.3		3.3	16			50	51		ND(0.78)	90	10
Gross β	12		19	86			500	490		16		
H-3 (Approx. 12 years)	2.1		2.0	170			1,700	1,800		ND(1.9)	60,000	10,000
Sr-90（Approx. 29 years）	0.23		1.60	51			400	470＊1		ND(0.0087)	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	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 Regulation *	WHO Guidelines for drinking-water quality
Date of Sampling	Aug 12, 2014											
Time of sampling	8:40 AM											
Cs-134(Approx. 2 years)	ND(1.3)										60	10
Cs-137(Approx.30 years)	ND(1.1)										90	10
Gross β	ND(17)											
H-3 (Approx. 12 years)	ND(2.0)										60,000	10,000
Sr-90（Approx. 29 years）	ND(0.12)										30	10

* Data announced this time is provided in a thick-frame. The other data was announced on August 5, 8, 13, and 19.
The data of Sr-90 of "1F, discharge channel of Unit 5 and 6" and "1F, Around the south discharge channel" in the broken-line frame was announced on September 19, in "Nuclides Analysis Result of the Sub-drain of Fukushima Daiichi NPS".

* "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 converted from B

* 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.

<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〕	12,000 <8/12> <9/22>
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〕	34,000 <8/12> <9/22>
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
	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>
	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〕	34 <5/19>
Gross β		300 [8/29] <5/18>	21 〔12/7〕	24 <6/22>	87 〔10/13〕	ND	67 *1 〔12/11〕	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〕	1,400,000 <8/12>
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〕	690,000 <5/12>

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>	88 *2 <2/27>	ND	30 <7/28>	1.4 <7/7>	110 〔9/23〕	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>	230 *2 <2/27>	0.88 <7/10>	86 <7/28>	3.0 <9/29>	250 〔9/23〕	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
	Mn-54 (Approx. 310 days)	12 <2/3>	ND	-	ND	ND	ND	2.1 <9/8>	ND	11 <8/25>	ND	8.5 <4/28>	ND	ND	ND
	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〕	0.61 <6/9>	ND	ND	ND
	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>	28,000 <9/22>	110 <7/10>	3,100,000 <1/20> <1/30> <2/3>	840,000 <9/22>	1,900,000 〔9/23〕	1,700 〔7/8〕	380 〔7/29〕	600 <4/16>
H-3 (Approx. 12 years)		33,000 <6/2>	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〕	32,000 <1/20>	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〕	—	67 <6/9>	290 〔10/21〕	160,000 <2/12>	4,100 <6/9>	Under analysis	2,700,000 <2/13>	29,000 <6/9>	—	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	-
	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〕	-
	Co-60 (Approx. 5 years)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
	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〕	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>	9,300 <9/21>	3,200 〔Dec. 12, 2012〕	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 〔Dec. 12, 2012〕	4.4 〔7/23〕	2,000 <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 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.
(Note) As of 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 references.

<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 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 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)	1F, Around the south discharge channel
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〕	15 <4/14> <5/19>	1.8 <6/9>
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〕 <9/2	45 〈5/19〉	4.9 <6/9>
Gross β	17 <1/6>	46 〔8/19〕	40 〔7/3〕	320 〔8/12〕	140 <5/5> <7/14> <8/18> <9/1>	160 <8/18>	660 <6/9>	680 <9/22>	380 <3/10>	16 <6/9> <8/4>
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>	6 <5/19>
Sr-90（Approx. 29 years）	4.7 〔6/26〕	—	7.2 〔6/26〕	220 〔8/19〕	—	—	660 <6/9>	390 <6/9>	—	0.29 〔6/26〕

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	North side of the north breakwater	Northeast side of the port entrance	East side of the south breakwater	Southeast side of the north breakwater	South side of the south breakwater
Cs-134(Approx. 2 years)	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)	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	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)	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〕	1.8 <5/29>	2.8 <4/23>
Sr-90（Approx. 29 years）	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.

[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