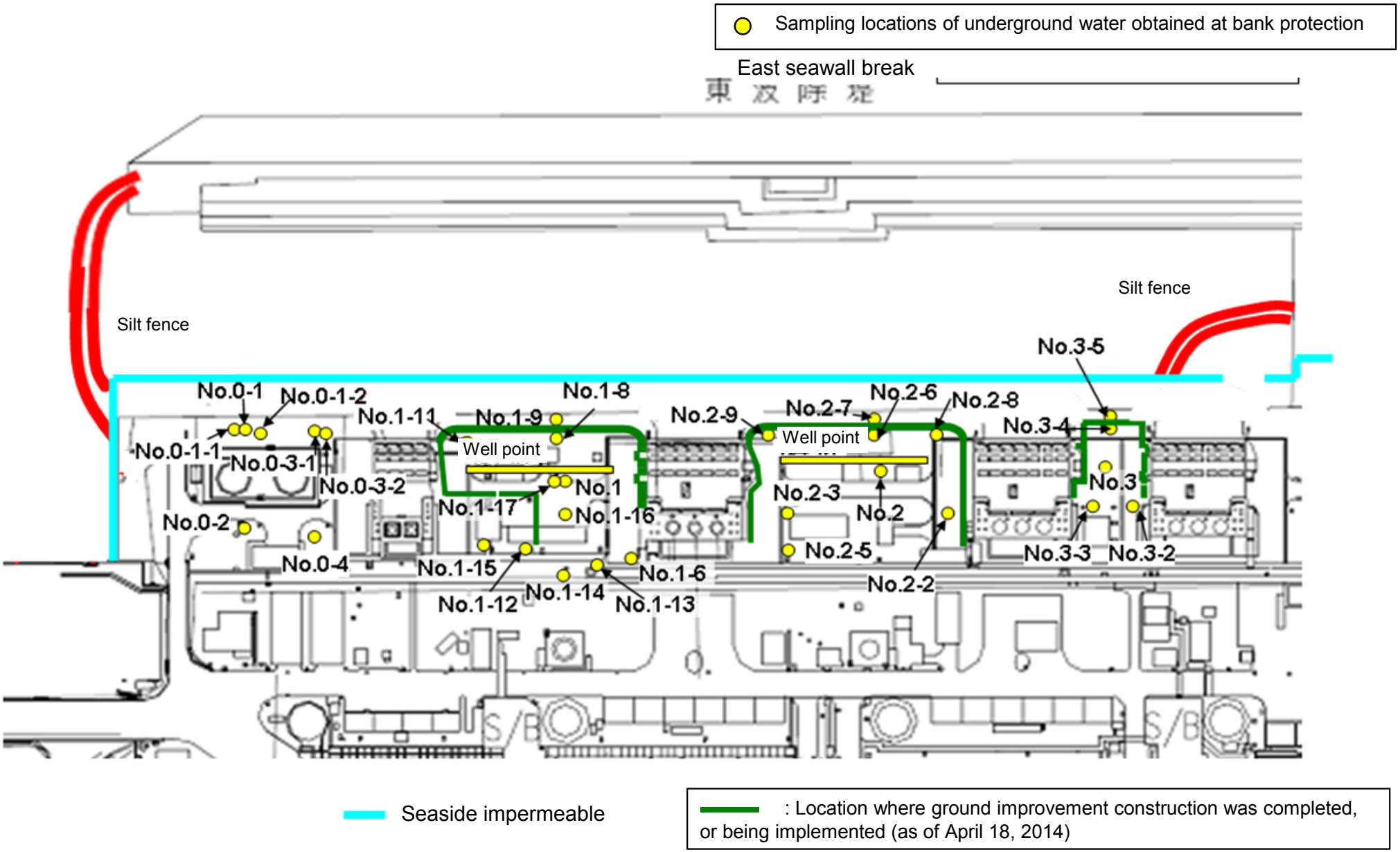
<Reference>
July 11, 2014
Tokyo Electric Power Company

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 6, 2014	41,826	Jul 6, 2014	Jul 6, 2014	Jul 7, 2014	Jul 6, 2014	Jul 7, 2014	Jul 7, 2014	Jul 7, 2014	Jul 8, 2014	Jul 7, 2014	Jul 7, 2014	Jul 7, 2014	Jul 7, 2014	Jul 7, 2014
Time of sampling		11:54 AM	11:08 AM	10:32 AM	10:50 AM	9:30 AM	9:51 AM	9:46 AM	10:20 AM	10:23 AM	7:13 AM	9:26 AM	9:34 AM	9:45 AM	10:00 AM	9:05 AM
Chloride (unit: ppm)		-	-	-	-	-	-	-	-	-	30	-	-	-	-	-
Cs-134 (Approx. 2 years)		23	ND(0.38)	ND(0.40)	ND(0.39)	ND(0.46)	ND(0.37)	ND(0.45)	8,000	9.7	1.1	1.0	3.2	25	ND(2.4)	1.4
Cs-137 (Approx.30 years)		66	ND(0.43)	0.56	0.81	ND(0.55)	ND(0.47)	ND(0.55)	23,000	26	2.2	2.2	8.7	73	1.4	1.1
The other γ	Mn-54 (Approx. 310 days)	ND	ND	ND	ND	ND	ND	ND	120	1.7	ND	ND	ND	ND	ND	ND
	Co-60 (Approx. 5 years)	ND	ND	ND	ND	ND	ND	ND	550	ND	ND	ND	ND	ND	ND	ND
	Ru-106 (Approx. 370 days)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sb-125 (Approx. 3 years)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	1.8
Gross β		220	ND(21)	ND(21)	ND(21)	ND(19)	ND(21)	110	880,000	16,000	ND(19)	130	110	8,200	690,000	76,000
H-3 (Approx. 12 years)		3,300	4,100	710	ND(110)	16,000	520	140,000	8,400	9,900	ND(110)	7,100	28,000	6,000	6,600	11,000
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		Jul 7, 2014					Jul 8, 2014								
Time of sampling		9:40 AM					10:37 AM								
Chloride (unit: ppm)		-					-								
Cs-134 (Approx. 2 years)		3.8					ND(0.41)								
Cs-137 (Approx.30 years)		11					ND(0.53)								
The other γ	Mn-54 (Approx. 310 days)	3.2					ND								
	Co-60 (Approx. 5 years)	ND					ND								
	Ru-106 (Approx. 370 days)	8.7					ND								
	Sb-125 (Approx. 3 years)	ND					ND								
Gross β		240,000					2,400								
H-3 (Approx. 12 years)		52,000					900								
Sr-90（Approx. 29 years）		-					-								

* Data announced this time is provided in a thick-frame. The other data was announced on July 7, 8, and 9.
* "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.
* The results obtained in the observation hole No.0-1 are for a reference, since the water was highly turbid. (γ and Gross β will be measured after filtration. If filtration takes a long time, γ will not be measured.)

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

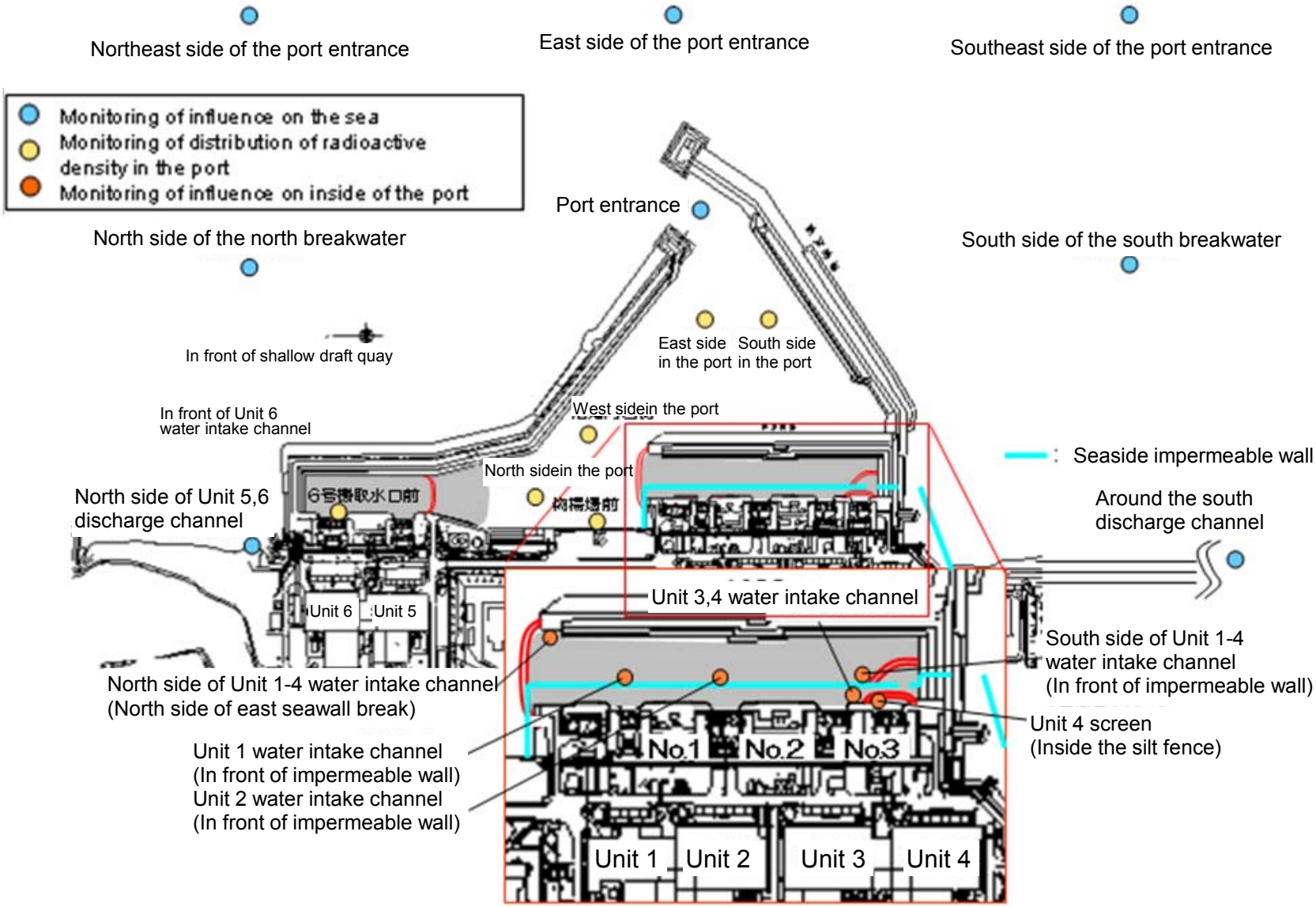
Unit: Bq/L (exclude chloride)

		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.1-15	Underground water observation hole No.1-16
Date of sampling						Jul 10, 2014		Jul 10, 2014	Jul 10, 2014		Jul 10, 2014	Jul 10, 2014	Jul 10, 2014	Jul 10, 2014		Jul 10, 2014
Time of sampling						9:30 AM		10:53 AM	10:18 AM		7:10 AM	10:30 AM	9:21 AM	9:54 AM		9:44 AM
Chloride (unit: ppm)						-		-	-		30	-	-	-		-
Cs-134 (Approx. 2 years)						ND(0.44)		ND(0.42)	7,600		1.9	0.70	2.2	24		ND(2.1)
Cs-137 (Approx.30 years)						ND(0.53)		0.47	21,000		4.3	1.5	6.8	64		ND(1.0)
The other γ	Mn-54 (Approx. 310 days)					ND		ND	130		ND	ND	ND	0.49		ND
	Co-60 (Approx. 5 years)					ND		ND	580		ND	ND	ND	ND		0.67
	Sb-125 (Approx. 3 years)					ND		ND	ND		ND	ND	ND	ND		19
Gross β						ND(21)		98	1,100,000*1		22	51	76	3,900		740,000
H-3 (Approx. 12 years)						Under analysis		Under analysis	Under analysis		Under analysis	Under analysis	Under analysis	Under analysis		Under analysis
Sr-90（Approx. 29 years）						-		-	-		-	-	-	-		-

		Underground water observation hole No.1-17	Groundwater pumped up from the well point (between Unit 1 and 2)	Underground water observation hole No.2	Underground water observation hole No.2-2	Underground water observation hole No.2-3	Underground water observation hole No.2-5	Underground water observation hole No.2-6	Underground water observation hole No.2-7	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 10, 2014						Jul 10, 2014								
Time of sampling		10:04 AM						10:51 AM								
Chloride (unit: ppm)		-						-								
Cs-134 (Approx. 2 years)		ND(0.64)						ND(0.43)								
Cs-137 (Approx.30 years)		0.72						ND(0.52)								
The other γ	Mn-54 (Approx. 310 days)	ND						ND								
	Co-60 (Approx. 5 years)	ND						ND								
	Sb-125 (Approx. 3 years)	ND						ND								
Gross β		74,000						2,300								
H-3 (Approx. 12 years)		Under analysis						Under analysis								
Sr-90（Approx. 29 years）		-						-								

* "ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.
* "-" indicates that the measurement was out of range.
*1 The highest 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

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, 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	Jul 7, 2014	Jul 7, 2014	Jul 7, 2014	Jul 7, 2014	Jul 7, 2014	Jul 7, 2014	Jul 7, 2014	Jul 7, 2014	Jul 7, 2014	Jul 7, 2014		
Time of sampling	6:50 AM	6:40 AM	7:10 AM	6:30 AM	7:05 AM	7:00 AM	6:56 AM	6:50 AM	6:53 AM	5:35 AM		
Cs-134(Approx. 2 years)	ND(0.62)	ND(1.9)	ND(2.1)	3.3	5.9	6.7	10	15	10	ND(0.74)	60	10
Cs-137(Approx.30 years)	ND(0.57)	ND(1.9)	2.1	14	11	14	38	39	22	1.2	90	10
Gross β	11	ND(18)	ND(18)	78	61	86	280	230	140	11		
H-3 (Approx. 12 years)	ND(1.7)	ND(3.5)	7.0	200	180	210	680	650	520	ND(1.7)	60,000	10,000
Sr-90（Approx. 29 years）	Under analysis	-	Under analysis	Under analysis	-	-	Under analysis	Under analysis	-	Under analysis	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 2, 2014	Jul 2, 2014	Jul 2, 2014	Jul 2, 2014	Jul 2, 2014		
Time of sampling						9:48 AM	9:55 AM	10:00 AM	10:10 AM	10:05 AM		
Cs-134(Approx. 2 years)						ND(0.62)	ND(0.62)	ND(0.43)	ND(0.66)	ND(0.75)	60	10
Cs-137(Approx.30 years)						ND(0.68)	ND(0.58)	ND(0.60)	ND(0.83)	ND(0.52)	90	10
Gross β						ND(17)	ND(17)	ND(17)	ND(17)	ND(17)		
H-3 (Approx. 12 years)						ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	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 July 4 and 8.

* "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, 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												
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

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 9, 2014	Jul 9, 2014	Jul 9, 2014	Jul 9, 2014	Jul 9, 2014		
Time of sampling						10:04 AM	10:01 AM	10:09 AM	10:14 AM	10:17 AM		
Cs-134(Approx. 2 years)						ND(0.64)	ND(0.59)	ND(0.68)	ND(0.64)	ND(0.82)	60	10
Cs-137(Approx.30 years)						ND(0.57)	ND(0.58)	ND(0.50)	ND(0.50)	ND(0.76)	90	10
Gross β						ND(18)	ND(18)	ND(18)	ND(18)	ND(18)		
H-3 (Approx. 12 years)						Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	60,000	10,000
Sr-90（Approx. 29 years）						-	-	-	-	-	30	10

* "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]).

<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>	0.82 <1/14>	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〕	8,800 <7/3>
Cs-137 (Approx.30 years)		78 <5/25>	ND	1.5 <3/2>	2.2 <1/12>	1.1 <4/6>	2.1 <1/14>	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〕	24,000 <7/3>
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〕	890,000 <6/19>
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>
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〕	-

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 *1	3.1 〔12/13〕	1.4 <7/7>	110.00 〔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>	6.5 <6/26>	2.8 <4/28>	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	0.65 <7/3>	ND	ND	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>	8,200 <7/7>	110 <7/10>	3,100,000 <1/20> <1/30> <2/3>	99,000 <6/30>	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>	Under analysis	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)		20,000 〔12/9〕	300 〔10/3〕	—	18 〔10/21〕	290 〔10/21〕	Under analysis	98 〔12/9〕	Under analysis	1,400,000 〔12/9〕	9.5 〔12/9〕	—	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>	0.47 <4/9>	ND	2.0 <4/23>	3.5 〔7/25〕	1.2 〔7/25〕〔8/8〕	18 <7/2> <7/9>	180 <7/2>	3.9 <6/18> <7/9>	64 <1/15>
Cs-137 (Approx.30 years)		5.5 <2/26>	110 <5/7>	50 <3/11>	9.0 <2/23>	1.3 *2 <4/9>	0.58 <2/11>	4.7 <4/23>	5.9 〔8/8〕	2.6 〔8/1〕	54 <7/9>	500 <7/2>	12 <6/11>	170 <1/15> <6/4>
The other γ	Ru-106 (Approx. 370 days)	ND	ND	ND	ND	ND *2	6.5 <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>	5,300 *2 <7/2> <7/6>	1,700 <2/7>	240,000 〔12/12〕	1,400 〔7/11〕	180 *2 〔8/1〕	2,800 <5/28> <7/2>	8900 <7/2>	33 <6/11> <7/9>	350 <5/28>
H-3 (Approx. 12 years)		1,700 〔12/6〕	7,900 <4/9>	1,200 〔11/24〕〔11/27〕	1,100 <1/19>	1,700 *2 <4/6> <6/8>	13,000 <2/7> <2/11>	6,800 <7/2>	3,200 〔2012 12/12〕	460 〔8/1〕	3,500 <7/2>	8,000 <5/7>	170 〔9/18〕	170 <1/8>
Sr-90(Approx. 29 years)		1,200 〔12/6〕	Under analysis	Under analysis	ND(1.4) 〔11/21〕	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)

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, In front of Unit 2 discharge channel (in front of impermeable wall)	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)
Cs-134(Approx. 2 years)	1.8 〔6/21〕	2.8 〔12/2〕	5.3 〔8/5〕	32 〔10/11〕	12 <6/23>	87 〔10/10〕	93 〔10/10〕	7.9 <6/23>	52 〔12/21〕	37 <5/12>	62 〔9/16〕	15 <4/14> <5/19>
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〕	27 <6/23>	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>	1,500 <6/10>	140 <6/23>	1,000 <6/2>	660 <6/9>	610 <6/23>	380 <3/10>
H-3 (Approx. 12 years)	8.7 <5/12>	24 〔8/19〕	340 〔6/26〕	510 〔9/2〕	230 <6/23>	4,200 <5/27>	3,900 <6/10>	300 <6/23>	2,600 <6/2>	2,500 <6/23>	2,100 <6/23>	720 <6/16>
Sr-90（Approx. 29 years）	4.7 〔6/26〕	—	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

	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 south breakwater	Southeast side of the north breakwater	South side of the south breakwater
Cs-134(Approx. 2 years)	1.8 <6/9>	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)	4.9 <6/9>	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	16 <6/9>	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〕	1.8 <5/29>	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.

[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