As of 12:00 AM on December 26, 2014

4. Analysis Results of Groundwater Obtained around Fukushima Daiichi NPS (Unit 1-4 Bank Protection) (1/3)

December 26, 2014
Tokyo Electric Power Company

Unit: Bq/L "ND"s below indicate that the measurement results are below the detection limits, and the detection limit of each nuclide is provided in parentheses.

As for No. 1-9, γ was not measured because they are samlpled by sampler.
Gross β was measured after filtration as a reference.

[Groundwater pumped up from the well point between Unit 1 and 2]

Cs-134	22	Sampled on	12/22
Cs-137	75	Sampled on	12/22
Gross β	1,100,000	Sampled on	12/22
Tritium	91,000	Sampled on	12/15

[Groundwater observation hole No.1-9]

Cs-134	—	Sampled on	12/23
Cs-137	—	Sampled on	12/23
Gross β	ND(21)	Sampled on	12/23
Tritium	ND(110)	Sampled on	12/21

[Groundwater observation hole No.1-16]

Cs-134	ND(1.9)	Sampled on	12/22
Cs-137	1.7	Sampled on	12/22
Gross β	470,000	Sampled on	12/22
Tritium	1,700	Sampled on	12/15

[Groundwater observation hole No.1-8]

Cs-134	18	Sampled on	12/22
Cs-137	55	Sampled on	12/22
Gross β	26,000	Sampled on	12/22
Tritium	18,000	Sampled on	12/15

[Groundwater observation hole No.1-11]

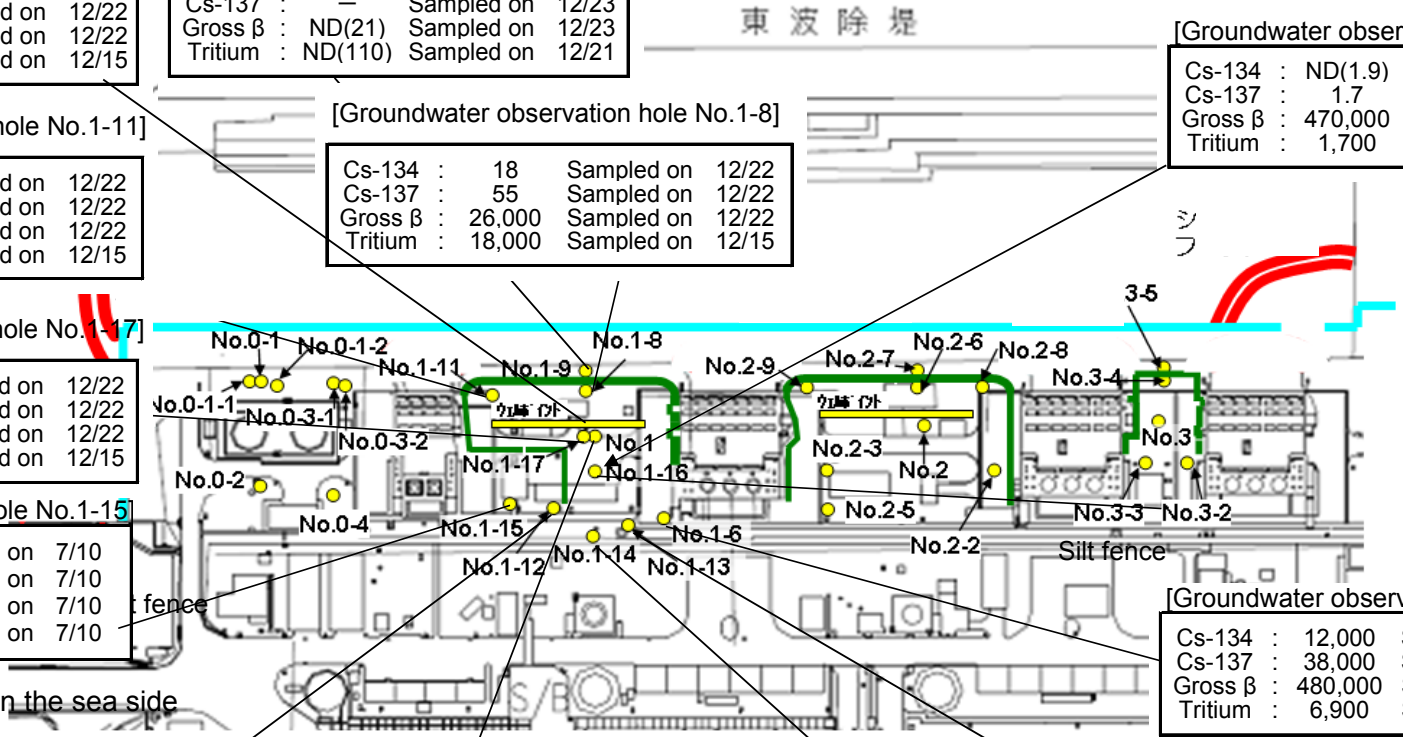
Cs-134	ND(0.39)	Sampled on	12/22
Cs-137	1.1	Sampled on	12/22
Gross β	22	Sampled on	12/22
Tritium	11,000	Sampled on	12/15

[Groundwater observation hole No.1-17]

Cs-134	ND(0.40)	Sampled on	12/22
Cs-137	ND(0.52)	Sampled on	12/22
Gross β	64,000	Sampled on	12/22
Tritium	32,000	Sampled on	12/15

[Groundwater observation hole No.1-15]

Cs-134	ND(0.49)	Sampled on	7/10
Cs-137	0.88	Sampled on	7/10
Gross β	110	Sampled on	7/10
Tritium	5,400	Sampled on	7/10



: Impermeable wall on the sea side

[Groundwater observation hole No.1-6]

Cs-134	12,000	Sampled on	12/22
Cs-137	38,000	Sampled on	12/22
Gross β	480,000	Sampled on	12/22
Tritium	6,900	Sampled on	12/15

[Groundwater observation hole No.1]

Cs-134	ND(0.42)	Sampled on	12/22
Cs-137	ND(0.53)	Sampled on	12/22
Gross β	75	Sampled on	12/22
Tritium	180,000	Sampled on	12/15

[Groundwater observation hole No.1-14]

Cs-134	91	Sampled on	12/22
Cs-137	320	Sampled on	12/22
Gross β	19,000	Sampled on	12/22
Tritium	13,000	Sampled on	12/15

As for No.1-14, γ was not measured on December 15 because the water was highly turbid. Gross β was measured after filtration as a reference.

[Groundwater observation hole No.1-13]

Cs-134	37,000	Sampled on	2/13
Cs-137	93,000	Sampled on	2/13
Gross β	260,000	Sampled on	2/13
Tritium	16,000	Sampled on	2/13

[Groundwater observation hole No.1-12]

Cs-134	2.0	Sampled on	12/22
Cs-137	6.6	Sampled on	12/22
Gross β	160	Sampled on	12/22
Tritium	29,000	Sampled on	12/15

4. Analysis Results of Groundwater Obtained around Fukushima Daiichi NPS (Unit 1-4 Bank Protection) (2/3)

Unit: Bq/L "ND"s below indicate that the measurement results are below the detection limits, and the detection limit of each nuclide is provided in parentheses.

[Groundwater observation hole No.0-1-2]

Cs-134	ND(0.41)	Sampled on	12/21
Cs-137	ND(0.57)	Sampled on	12/21
Gross β	ND(19)	Sampled on	12/21
Tritium	9,600	Sampled on	12/14

[Groundwater observation hole No.0-3-1]

Cs-134	ND(0.37)	Sampled on	12/21
Cs-137	ND(0.54)	Sampled on	12/21
Gross β	ND(19)	Sampled on	12/21
Tritium	ND(100)	Sampled on	12/14

[Groundwater observation hole No.3-5]

Cs-134	—	Sampled on	12/24
Cs-137	—	Sampled on	12/24
Gross β	44	Sampled on	12/24
Tritium	ND(100)	Sampled on	12/17

As for No. 3-5, γ was not measured because they are samlpled by sampler. Gross β was measured after filtration as a reference.

[Groundwater observation hole No.0-3-2]

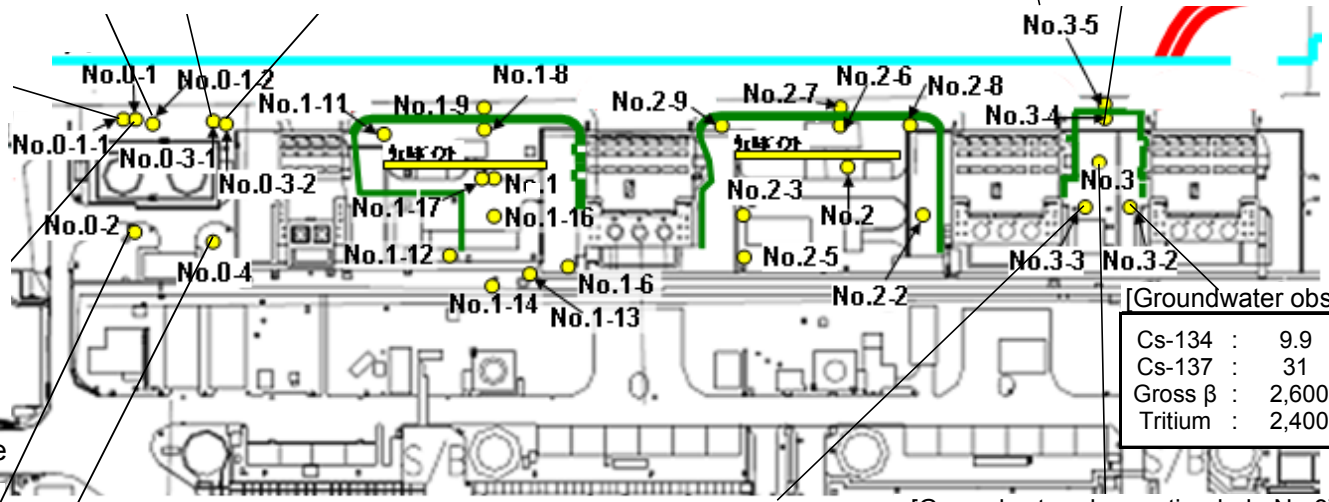
Cs-134	ND(0.45)	Sampled on	12/22
Cs-137	ND(0.52)	Sampled on	12/22
Gross β	53	Sampled on	12/22
Tritium	14,000	Sampled on	12/18

[Groundwater observation hole No.3-4]

Cs-134	2.8	Sampled on	12/24
Cs-137	11	Sampled on	12/24
Gross β	29	Sampled on	12/24
Tritium	ND(100)	Sampled on	12/17

[Groundwater observation hole No.0-1-1]

Cs-134	ND(0.46)	Sampled on	12/7
Cs-137	0.58	Sampled on	12/7
Gross β	21	Sampled on	12/7
Tritium	18,000	Sampled on	12/7



As for No.0-1, γ was not measured on December 21 because the water was highly turbid. Gross β was measured after filtration as a reference.

[Groundwater observation hole No.0-1]

Cs-134	—	Sampled on	12/21
Cs-137	—	Sampled on	12/21
Gross β	190	Sampled on	12/21
Tritium	1,400	Sampled on	12/14

: Impermeable wall on the sea side

[Groundwater observation hole No.0-2]

Cs-134	ND(0.34)	Sampled on	12/21
Cs-137	ND(0.42)	Sampled on	12/21
Gross β	19	Sampled on	12/21
Tritium	340	Sampled on	12/14

[Groundwater observation hole No.0-4]

Cs-134	ND(0.36)	Sampled on	12/21
Cs-137	ND(0.52)	Sampled on	12/21
Gross β	ND(19)	Sampled on	12/21
Tritium	24,000	Sampled on	12/14

[Groundwater observation hole No.3-2]

Cs-134	9.9	Sampled on	12/24
Cs-137	31	Sampled on	12/24
Gross β	2,600	Sampled on	12/24
Tritium	2,400	Sampled on	12/17

[Groundwater observation hole No.3-3]

Cs-134	62	Sampled on	12/24
Cs-137	210	Sampled on	12/24
Gross β	3,100	Sampled on	12/24
Tritium	1,600	Sampled on	12/17

[Groundwater observation hole No.3]

Cs-134	—	Sampled on	12/24
Cs-137	—	Sampled on	12/24
Gross β	ND(19)	Sampled on	12/24
Tritium	ND(100)	Sampled on	12/17

As for No.3, γ was not measured on December 24 because the water was highly turbid. Gross β was measured after filtration as a reference.

4. Analysis Results of Groundwater Obtained around Fukushima Daiichi NPS (Unit 1-4 Bank Protection) (3/3)

Unit: Bq/L "ND"s below indicate that the measurement results are below the detection limits, and the detection limit of each nuclide is provided in parentheses.

[Groundwater observation hole No.2-9]

Cs-134	:	ND(0.43)	Sampled on	11/12
Cs-137	:	ND(0.51)	Sampled on	11/12
Gross β	:	3,700	Sampled on	11/12
Tritium	:	13,000	Sampled on	2/11

* The results obtained on February 11 are just for a reference, since the water was highly turbid.

[Groundwater pumped up from the well point between Unit 2 and 3]

Cs-134	:	ND(0.39)	Sampled on	12/24
Cs-137	:	ND(0.52)	Sampled on	12/24
Gross β	:	41,000	Sampled on	12/24
Tritium	:	1,300	Sampled on	12/21

[Groundwater observation hole No.2-6]

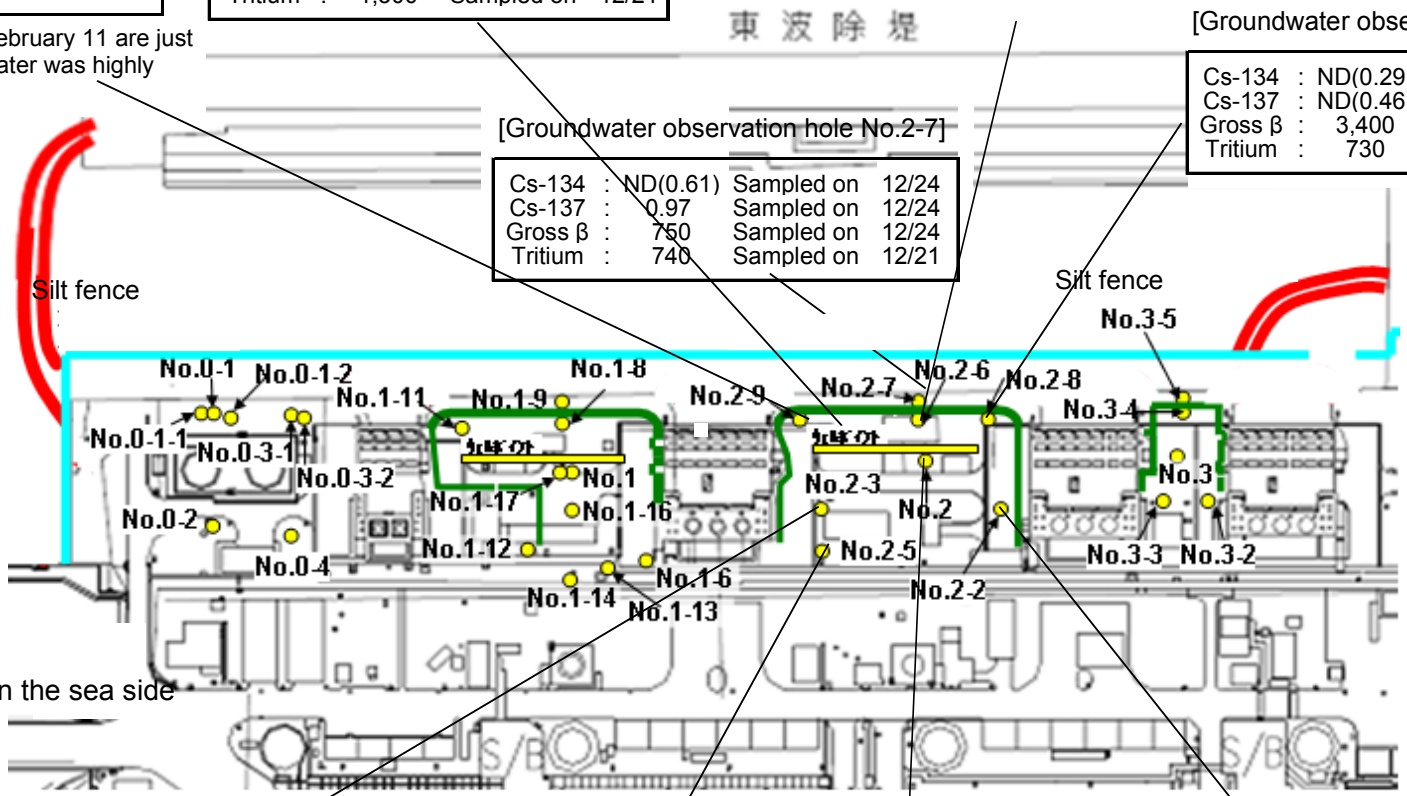
Cs-134	:	ND(0.36)	Sampled on	12/23
Cs-137	:	ND(0.51)	Sampled on	12/23
Gross β	:	520	Sampled on	12/23
Tritium	:	810	Sampled on	12/16

[Groundwater observation hole No.2-8]

Cs-134	:	ND(0.29)	Sampled on	12/24
Cs-137	:	ND(0.46)	Sampled on	12/24
Gross β	:	3,400	Sampled on	12/24
Tritium	:	730	Sampled on	12/21

[Groundwater observation hole No.2-7]

Cs-134	:	ND(0.61)	Sampled on	12/24
Cs-137	:	0.97	Sampled on	12/24
Gross β	:	750	Sampled on	12/24
Tritium	:	740	Sampled on	12/21



: Impermeable wall on the sea side

As for No. 2-5, γ was not measured because they are samlpled by sampler. Gross β was measured after filtration as a reference.

: Improved ground (April 18,

[Groundwater observation hole No.2-2]

Cs-134	:	2.7	Sampled on	12/24
Cs-137	:	13	Sampled on	12/24
Gross β	:	360	Sampled on	12/24
Tritium	:	330	Sampled on	12/21

[Groundwater observation hole No.2-3]

Cs-134	:	ND(0.59)	Sampled on	12/24
Cs-137	:	ND(0.40)	Sampled on	12/24
Gross β	:	350	Sampled on	12/24
Tritium	:	940	Sampled on	12/21

[Groundwater observation hole No.2-5]

Cs-134	:	—	Sampled on	12/3
Cs-137	:	—	Sampled on	12/3
Gross β	:	4,000	Sampled on	12/3
Tritium	:	600	Sampled on	12/3

[Groundwater observation hole No.2]

Cs-134	:	ND(0.59)	Sampled on	12/24
Cs-137	:	ND(0.48)	Sampled on	12/24
Gross β	:	110	Sampled on	12/24
Tritium	:	560	Sampled on	12/21