

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

Unit: Bq/L "ND"s below indicate that the measurement results are below the detection limits, and the detection limit of each radioactive material is provided in parentheses.
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[Groundwater pumped up from the well
point between Unit 1 and 2]

Cs-134	: 8.4	Sampled on	12/26
Cs-137	: 64	Sampled on	12/26
Gross β	: 170,000	Sampled on	12/26
Tritium	: 15,000	Sampled on	12/19

[Groundwater observation hole No.1-9]

Cs-134	: —	Sampled on	12/22
Cs-137	: —	Sampled on	12/22
Gross β	: 37	Sampled on	12/22
Tritium	: 990	Sampled on	12/22

•For No. 1-9, γ values were not measured because the seawater was sampled using a sampling device. Gross β was measured after filtration as a reference.

[Groundwater observation hole No.1-11]

Cs-134	: ND(0.49)	Sampled on	12/26
Cs-137	: 0.87	Sampled on	12/26
Gross β	: 33	Sampled on	12/26
Tritium	: 1,000	Sampled on	12/22

[Groundwater observation hole No.1-8]

Cs-134	: 180	Sampled on	12/26
Cs-137	: 1,500	Sampled on	12/26
Gross β	: 6,000	Sampled on	12/26
Tritium	: 1,500	Sampled on	12/19

[Groundwater observation hole No.1-16]

Cs-134	: 0.65	Sampled on	12/26
Cs-137	: 5.2	Sampled on	12/26
Gross β	: 33,000	Sampled on	12/26
Tritium	: 2,600	Sampled on	12/22

[Groundwater observation hole No.1-17]

Cs-134	: ND(0.37)	Sampled on	12/26
Cs-137	: ND(0.55)	Sampled on	12/26
Gross β	: 39,000	Sampled on	12/26
Tritium	: 32,000	Sampled on	12/22

[Groundwater observation hole No.1-6]

Cs-134	: 1,900	Sampled on	12/26
Cs-137	: 15,000	Sampled on	12/26
Gross β	: 120,000	Sampled on	12/26
Tritium	: 8,900	Sampled on	12/22

Silt fence

Silt fence

— : Seaside Impermeable Wall

— : Improved ground (as of April 18, 2014)

[Groundwater observation hole No.1-12]

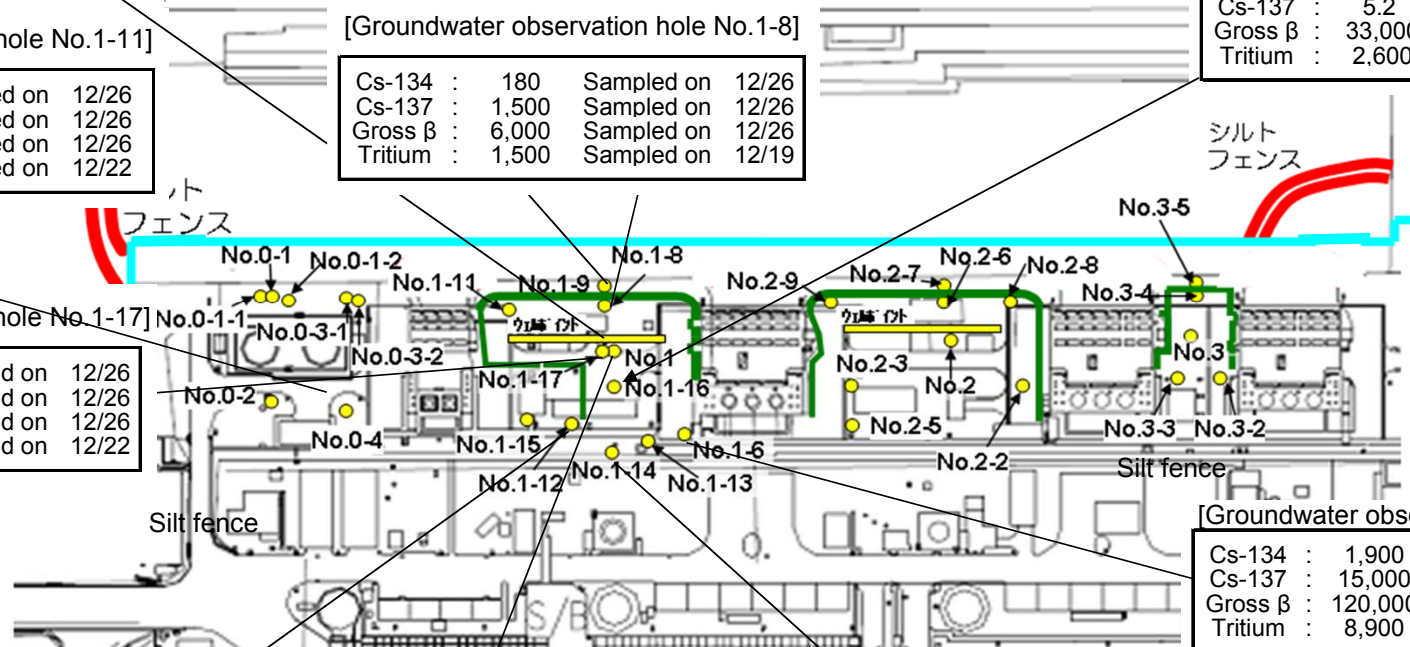
Cs-134	: 49	Sampled on	12/26
Cs-137	: 380	Sampled on	12/26
Gross β	: 1,500	Sampled on	12/26
Tritium	: 34,000	Sampled on	12/22

[Groundwater observation hole No.1]

Cs-134	: ND(0.43)	Sampled on	12/26
Cs-137	: ND(0.51)	Sampled on	12/26
Gross β	: 30,000	Sampled on	12/26
Tritium	: 49,000	Sampled on	12/22

[Groundwater observation hole No.1-14]

Cs-134	: ND(0.36)	Sampled on	12/26
Cs-137	: 0.62	Sampled on	12/26
Gross β	: 25,000	Sampled on	12/26
Tritium	: 3,100	Sampled on	12/22



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

Cs-134	: ND(0.34)	Sampled on	12/25
Cs-137	: 0.46	Sampled on	12/25
Gross β	: ND(16)	Sampled on	12/25
Tritium	: 18,000	Sampled on	12/18

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

Cs-134	: ND(0.40)	Sampled on	12/25
Cs-137	: ND(0.55)	Sampled on	12/25
Gross β	: ND(16)	Sampled on	12/25
Tritium	: ND(120)	Sampled on	12/18

[Groundwater observation hole No.3-5]

Cs-134	: —	Sampled on	12/21
Cs-137	: —	Sampled on	12/21
Gross β	: 34	Sampled on	12/21
Tritium	: 330	Sampled on	12/21

•For No. 3-5, γ values were not measured because the seawater was sampled using a sampling device. Gross β was measured after filtration as a reference.

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

Cs-134	: ND(0.30)	Sampled on	12/21
Cs-137	: 0.56	Sampled on	12/21
Gross β	: 64	Sampled on	12/21
Tritium	: 37,000	Sampled on	12/21

[Groundwater observation hole No.3-4]

Cs-134	: ND(1.0)	Sampled on	12/21
Cs-137	: 3.8	Sampled on	12/21
Gross β	: ND(14)	Sampled on	12/21
Tritium	: 2,300	Sampled on	12/21

[Groundwater observation hole No.0-1]

Cs-134	: ND(2.3)	Sampled on	12/26
Cs-137	: 23	Sampled on	12/26
Gross β	: 160	Sampled on	12/26
Tritium	: 13,000	Sampled on	12/18

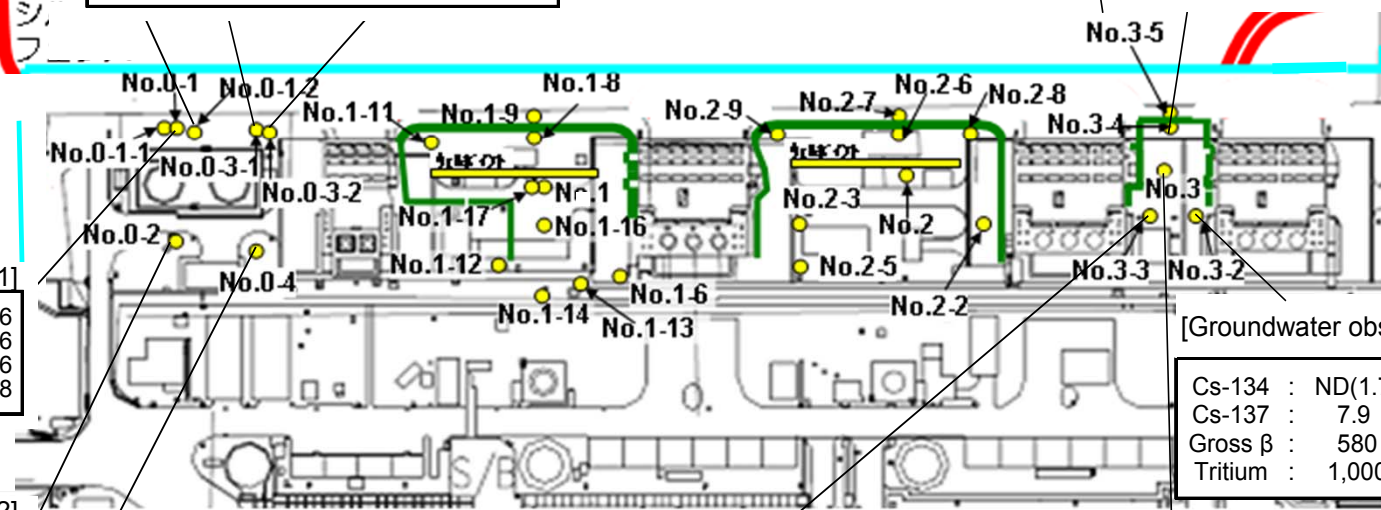
— : Seaside Impermeable Wall

[Groundwater observation hole No.0-2]

Cs-134	: ND(0.37)	Sampled on	12/25
Cs-137	: 3.20	Sampled on	12/25
Gross β	: 26	Sampled on	12/25
Tritium	: 290	Sampled on	12/18

[Groundwater observation hole No.0-4]

Cs-134	: ND(0.32)	Sampled on	12/25
Cs-137	: 0.49	Sampled on	12/25
Gross β	: ND(16)	Sampled on	12/25
Tritium	: 15,000	Sampled on	12/18



[Groundwater observation hole No.3-2]

Cs-134	: ND(1.7)	Sampled on	12/21
Cs-137	: 7.9	Sampled on	12/21
Gross β	: 580	Sampled on	12/21
Tritium	: 1,000	Sampled on	12/21

— : Improved ground (as of April 18, 2014)

[Groundwater observation hole No.3-3]

Cs-134	: 8.3	Sampled on	12/21
Cs-137	: 72	Sampled on	12/21
Gross β	: 2,100	Sampled on	12/21
Tritium	: 1,300	Sampled on	12/21

[Groundwater observation hole No.3]

Cs-134	: ND(0.43)	Sampled on	12/21
Cs-137	: 0.53	Sampled on	12/21
Gross β	: 230	Sampled on	12/21
Tritium	: 6,500	Sampled on	12/21

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