

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

		Underground water observation hole No.1	Underground water observation hole No.1-1	Underground water observation hole No.1-2	Underground water observation hole No.1-3	Underground water observation hole No.1-4	Underground water observation hole No.2	Underground water observation hole No.2-1	Underground water observation hole No.3	Underground water observation hole No.3-1
Date of sampling		Jul 22, 2013		Jul 22, 2013	Jul 22, 2013	Jul 22, 2013	Jul 22, 2013			
Time of sampling		1:21 PM		1:47 PM	12:33 PM	12:18 PM	11:37 AM			
Cs-134 (Approx. 2 years)		ND(0.42)		3,500	ND(0.46)	ND(0.43)	ND(0.44)			
Cs-137 (Approx.30 years)		ND(0.45)		7,300	ND(0.58)	1.1	ND(0.53)			
The other γ	Ru-106 (Approx. 370 days)	ND		ND	17	ND	ND			
	Sb-125 (Approx. 3 years)	ND		190	ND	ND	ND			
All β		1,400		880,000	150,000	110	430			
H-3 (Approx. 12 years)		430,000		350,000	260,000	46,000	710			
Sr-90 (Approx. 29 years)		-		-	-	-	-			

\* Data announced this time is provided in a thick-frame. The other data was announced on July 23. (The amount of all β at the observation hole No.2 is corrected on July 25.)

\* "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.

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

		Underground water observation hole No.1	Underground water observation hole No.1-1	Underground water observation hole No.1-2	Underground water observation hole No.1-3	Underground water observation hole No.1-4	Underground water observation hole No.2	Underground water observation hole No.2-1	Underground water observation hole No.3	Underground water observation hole No.3-1
Date of sampling		Jul 25, 2013		Jul 25, 2013	Jul 25, 2013	Jul 25, 2013	Jul 25, 2013		Jul 25, 2013	Jul 25, 2013
Time of sampling		1:15 PM		2:00 PM	12:45 PM	12:00 PM	11:04 AM		1:30 PM	3:15 PM
Cs-134 (Approx. 2 years)		ND(0.42)		2,600	ND(0.44)	0.49	ND(0.39)		3.5	1.2
Cs-137 (Approx.30 years)		ND(0.55)		5,400	ND(0.62)	0.9	0.46		3.9	2.2
The other γ	Ru-106 (Approx. 370 days)	12		ND	11	ND	ND		ND	ND
All β		1,400		880,000	150,000	110	330		ND(17)	ND(18)
H-3 (Approx. 12 years)		Under analysis		Under analysis	Under analysis	Under analysis	Under analysis		Under analysis	Under analysis
Sr-90 (Approx. 29 years)		Under analysis		-	-	-	-		-	-

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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	1F, North side of Unit 1-4 water intake channel (north side of East Seawall Break)	1F, Unit 1 Screen (Inside the Silt Fence)	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, Unit 2 Screen (Inside the Silt Fence)
Date of Sampling	Jul 22, 2013	Jul 22, 2013	Jul 22, 2013	Jul 23, 2013	Jul 22, 2013	Jul 22, 2013	Jul 23, 2013	Jul 23, 2013	Jul 22, 2013
Time of sampling	5:50 AM	6:05 AM	5:25 AM	6:23 AM	6:14 AM	5:38 AM	6:33 AM	6:33 AM	5:45 AM
Cs-134(Approx. 2 years)	ND(1.4)	ND(1.9)	ND(1.9)	18	ND(1.8)	4.8	15	9.9	ND(1.9)
Cs-137(Approx.30 years)	ND(1.3)	ND(2.0)	ND(2.2)	40	ND(1.8)	8.4	27	19	ND(1.9)
All $\beta$	ND(21)	ND(21)	ND(21)	240	ND(21)	79	120	100	ND(21)
H-3 (Approx. 12 years)	<b>ND(3.2)</b>	<b>ND(3.2)</b>	<b>ND(120)</b>	<b>990</b>	<b>ND(120)</b>	<b>320</b>	<b>580</b>	<b>370</b>	<b>ND(120)</b>
Sr-90 (Approx. 29 years)	Under analysis	-	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis

Unit: Bq/L

	1F, Between the water intake channel of Unit 2 and Unit 3	1F, Unit 3 Screen (Inside the Silt Fence)	1F, Between the water intake channel of Unit 3 and Unit 4	1F, Unit 4 Screen (Inside the Silt Fence)	1F, Around the south discharge channel	1F, Port entrance	1F, East side in the port	1F, West side in the port
Date of Sampling	Jul 22, 2013	Jul 22, 2013	Jul 22, 2013	Jul 22, 2013	Jul 22, 2013			
Time of sampling	5:49 AM	11:13 AM	6:02 AM	11:16 AM	5:15 AM			
Cs-134(Approx. 2 years)	ND(1.7)	31	ND(2.0)	12	ND(1.2)			
Cs-137(Approx.30 years)	ND(1.8)	63	ND(2.0)	26	ND(1.4)			
All $\beta$	ND(21)	120	ND(21)	49	ND(20)			
H-3 (Approx. 12 years)	<b>ND(120)</b>	<b>ND(120)</b>	<b>ND(120)</b>	<b>ND(120)</b>	<b>ND(3.2)</b>			
Sr-90 (Approx. 29 years)	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis			

\* Data announced this time is provided in a thick-frame. The other data was announced on July 23 and 24.

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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	1F, North side of Unit 1-4 water intake channel (north side of East Seawall Break)	1F, Unit 1 Screen (Inside the Silt Fence)	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, Unit 2 Screen (Inside the Silt Fence)
Date of Sampling	/	/	/	Jul 25, 2013	/	/	Jul 25, 2013	Jul 25, 2013	/
Time of sampling	/	/	/	6:11 AM	/	/	6:26 AM	6:26 AM	/
Cs-134(Approx. 2 years)	/	/	/	18	/	/	14	4.3	/
Cs-137(Approx.30 years)	/	/	/	32	/	/	27	6.8	/
All β	/	/	/	470	/	/	290	170	/
H-3 (Approx. 12 years)	/	/	/	Under analysis	/	/	Under analysis	Under analysis	/
Sr-90 (Approx. 29 years)	/	/	/	-	/	/	-	-	/

Unit: Bq/L

	1F, Between the water intake channel of Unit 2 and Unit 3	1F, Unit 3 Screen (Inside the Silt Fence)	1F, Between the water intake channel of Unit 3 and Unit 4	1F, Unit 4 Screen (Inside the Silt Fence)	1F, Around the south discharge channel	1F, Port entrance	1F, East side in the port	1F, West side in the port
Date of Sampling	/	/	/	/	/	/	/	/
Time of sampling	/	/	/	/	/	/	/	/
Cs-134(Approx. 2 years)	/	/	/	/	/	/	/	/
Cs-137(Approx.30 years)	/	/	/	/	/	/	/	/
All β	/	/	/	/	/	/	/	/
H-3 (Approx. 12 years)	/	/	/	/	/	/	/	/
Sr-90 (Approx. 29 years)	/	/	/	/	/	/	/	/

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\* "-" indicates that the measurement was out of range.