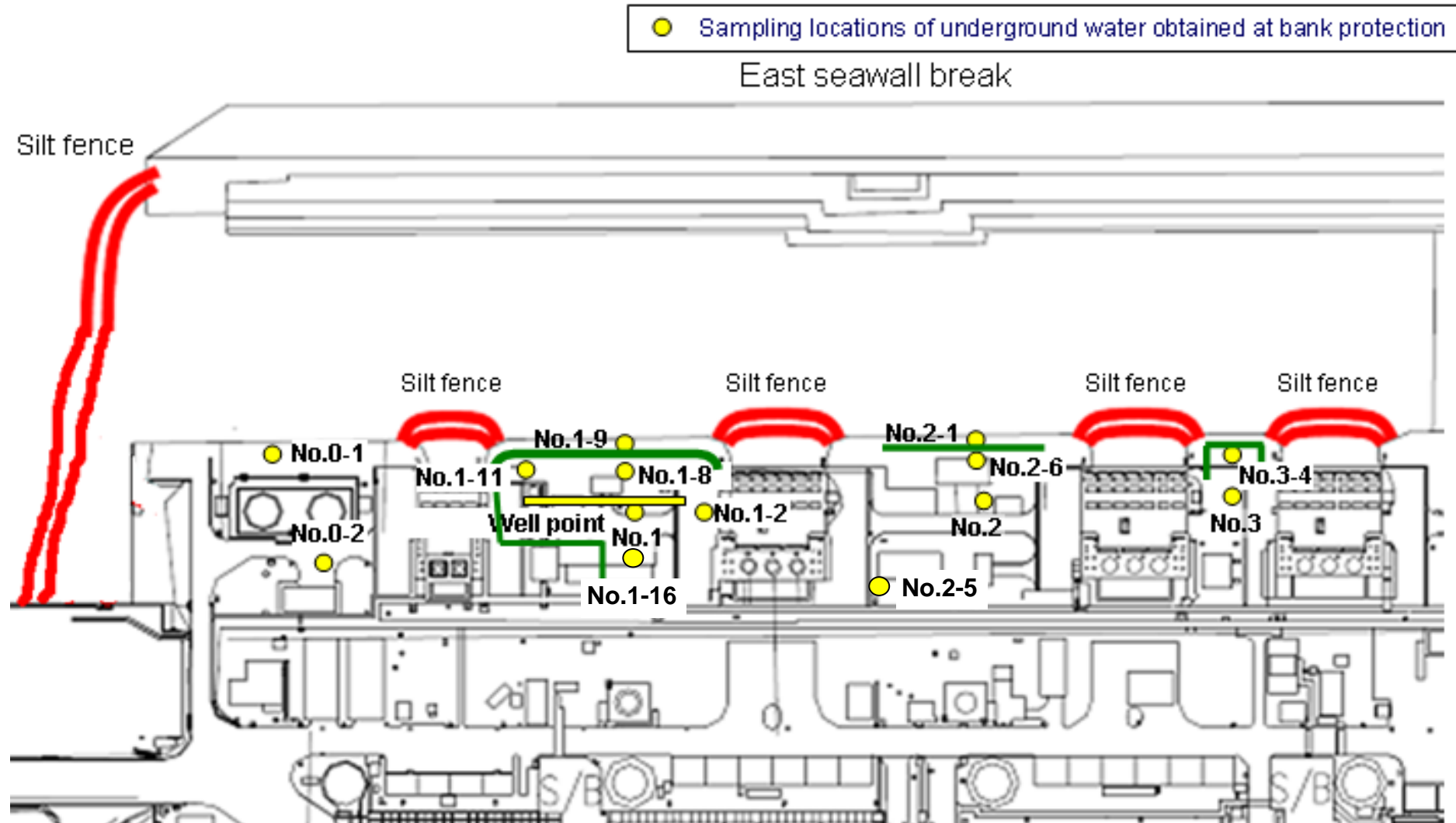


Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (Sampling Locations of Underground Water Obtained at Bank Protection)



● Sampling locations of underground water obtained at bank protection

East seawall break

Silt fence

Silt fence

Silt fence

Silt fence

Silt fence

No.0-1

No.0-2

No.1-11

No.1-9

No.1-8

Well point

No.1

No.1-16

No.1-2

No.2-1

No.2-6

No.2

No.2-5

No.3-4

No.3

— : Location where ground improvement work was completed, or being implemented (as of September 27)

Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (1/2)
Underground Water Obtained at Bank Protection

Unit: Bq/L (exclude chloride)

	Underground water observation hole No.0-1	Underground water observation hole No.0-2	Underground water observation hole No.1	Underground water observation hole No.1-2	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.1-16	Groundwater pumped up from the well point
Date of sampling									
Time of sampling									
Chloride (unit: ppm)									
Cs-134 (Approx. 2 years)									
Cs-137 (Approx.30 years)									
The other γ									
All β									
H-3 (Approx. 12 years)									
Sr-90 (Approx. 29 years)									

	Underground water observation hole No.2	Underground water observation hole No.2-1	Underground water observation hole No.2-5	Underground water observation hole No.2-6	Underground water observation hole No.3	Underground water observation hole No.3-4
Date of sampling	Sep 29, 2013			Sep 29, 2013		
Time of sampling	9:33 AM			10:30 AM		
Cs-134 (Approx. 2 years)	0.49			ND(0.41)		
Cs-137 (Approx.30 years)	0.94			0.57		
The other γ						
All β	290			ND(18)		
H-3 (Approx. 12 years)	740			610		
Sr-90 (Approx. 29 years)	-			-		

* Data announced this time is provided in a thick-frame. The other data was announced on September 30.

* "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 (2/2)
Underground Water Obtained at Bank Protection

Unit: Bq/L (exclude chloride)

	Underground water observation hole No.0-1	Underground water observation hole No.0-2	Underground water observation hole No.1	Underground water observation hole No.1-2	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.1-16	Groundwater pumped up from the well point
Date of sampling	/	/	/	/	/	/	/	/	/
Time of sampling	/	/	/	/	/	/	/	/	/
Chloride (unit: ppm)	/	/	/	/	/	/	/	/	/
Cs-134 (Approx. 2 years)	/	/	/	/	/	/	/	/	/
Cs-137 (Approx.30 years)	/	/	/	/	/	/	/	/	/
The other γ	/	/	/	/	/	/	/	/	/
	/	/	/	/	/	/	/	/	/
	/	/	/	/	/	/	/	/	/
All β	/	/	/	/	/	/	/	/	
H-3 (Approx. 12 years)	/	/	/	/	/	/	/	/	
Sr-90 (Approx. 29 years)	/	/	/	/	/	/	/	/	

	Underground water observation hole No.2	Underground water observation hole No.2-1	Underground water observation hole No.2-5	Underground water observation hole No.2-6	Underground water observation hole No.3	Underground water observation hole No.3-4
Date of sampling	Oct 2, 2013	/	/	Oct 2, 2013	/	Oct 2, 2013
Time of sampling	9:17 AM	/	/	10:01 AM	/	11:12 AM
Cs-134 (Approx. 2 years)	ND(0.35)	/	/	ND(0.44)	/	0.68
Cs-137 (Approx.30 years)	ND(0.45)	/	/	ND(0.58)	/	1.3
The other γ	/	/	/	/	/	/
	/	/	/	/	/	/
	/	/	/	/	/	/
All β	180	/	/	ND(19)	/	ND(19)
H-3 (Approx. 12 years)	Under analysis	/	/	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.

<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.0-2	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.1-8	Groundwater observation hole No.1-9	Groundwater observation hole No.1-11	Groundwater observation hole No.1-16	Groundwater pumped up from the well point (notch tank)
Cs-134 (Approx. 2 years)	3.0 [9/29]	ND	13 [8/29]	1.9 [7/8]	11,000 [7/9]	10 [9/2]	1.5 [7/8]	310 [8/5]	31 [9/16]	170 [9/3]	0.45 [9/26]	ND	110 [9/23]
Cs-137 (Approx.30 years)	5.8 [9/29]	0.93 [9/15]	31 [8/29]	3.6 [7/8]	22,000 [7/9]	24 [9/2]	3.6 [7/8]	650 [8/5]	67 [9/16]	380 [9/3]	1.2 [9/23]	[1/2] [9/30]	250 [9/23]
The other y	Ru-106 (Approx. 370 days)	ND	26 [5/24]	7.9 [7/8]	160 [8/15]	17 [7/22] [8/8]	3.1 [8/8]	ND	ND	ND	ND	ND	25 [9/2]
	Mn-54 (Approx. 310 days)	ND	ND	1.0 [7/5]	62 [7/5]	ND	ND	ND	0.76 [9/16]	ND	ND	ND	ND
	Co-60 (Approx. 5 years)	ND	ND	0.50 [7/19]	ND	3.1 [7/8]	ND	ND	ND	ND	ND	ND	ND
	Sb-125 (Approx. 3 years)	ND	ND	1.7 [7/11]	ND	250 [7/15]	1.4 [7/12] [8/26]	ND	12 [8/8]	ND	ND	ND	ND
All β	300 [8/22]	[2/6] [9/22]	1,900 [5/24]	4,400 [7/8]	900,000 [7/5] [7/9]	160,000 [8/12] [8/15]	380 [8/19]	56,000 [8/5]	2,100 [9/16]	600 [9/8]	57 [9/19]	[1/21] [9/30]	700,000 [9/23]
H-3 (Approx. 12 years)	45,000 [8/29]	ND	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]	2100 [9/23]	690 [9/26]	85000 [9/13]	43000 [9/26]	460,000 [8/19]
Sr-90(Approx. 29 years)	Under analysis	Under analysis	1,200 [6/7]	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	-

Unit: Bq/L

	Groundwater observation hole No.2	Groundwater observation hole No.2-1	Groundwater observation hole No.2-5	Groundwater observation hole No.2-6	Groundwater observation hole No.3	Groundwater observation hole No.3-1	Groundwater observation hole No.3-4
Cs-134 (Approx. 2 years)	0.50 [7/9]	0.66 [9/1]	3.1 [9/29]	0.42 [9/22]	3.5 [7/25]	1.2 [7/25] [8/8]	1.0 [9/25]
Cs-137 (Approx.30 years)	1.2 [7/11] [8/1]	1.1 [8/29] [9/1]	6.9 [9/29]	0.6 [9/22] [9/29]	5.9 [8/8]	2.6 [8/1]	1.8 [9/18]
The other y	Ru-106 (Approx. 370 days)	ND	ND	ND	ND	ND	ND
	Mn-54 (Approx. 310 days)	ND	ND	0.62 [9/29]	ND	ND	ND
	Co-60 (Approx. 5 years)	ND	ND	ND	ND	ND	ND
	Sb-125 (Approx. 3 years)	ND	ND	26 [9/29]	ND	1.1 [9/5]	ND
All β	1,700 [7/8]	380 [7/29]	32000 [9/29]	ND	1,400 [7/11]	180 [8/1]	ND
H-3 (Approx. 12 years)	850 [6/26]	440 [8/26]	Under analysis	360 [9/25]	3,200 [2012/12/12]	460 [8/1]	170 [9/18]
Sr-90(Approx. 29 years)	54 [5/31]	Under analysis	Under analysis	Under analysis	8.3 [2012/12/12]	Under analysis	Under analysis

* "ND" indicates that the measurement result is below the detection limit.

* Date of sampling is provided in parentheses.