ALPS Treated Water Discharge Status Update

July 25, 2024

TEPCO

Tokyo Electric Power Company Holdings, Inc.

Report contents

1. Performance of the discharge of ALPS treated water
   (Management number※ 24-3-7)

2. Transfer of ALPS treated water in preparation for the future discharges

(Reference) Sea area monitoring history after the commencement of discharge

※ The management number is made up of the fiscal year, followed by the discharge number for that fiscal year, and the total number of discharges to date.
For example, “24-3-7” indicates that the data is for the third discharge of 2024, which is the seventh discharge to date.

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1. **Performance of the discharge of ALPS treated water (Management number※ 24-3-7)**

2. **Transfer of ALPS treated water in preparation for the future discharges**

(Reference) Sea area monitoring history after the commencement of discharge

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1. Overview

- We conducted the discharge of ALPS treated water (management number: 24-3-7) as follows.
- In this report, we will explain that there was no abnormality in parameters and sea area monitoring.

FY2023

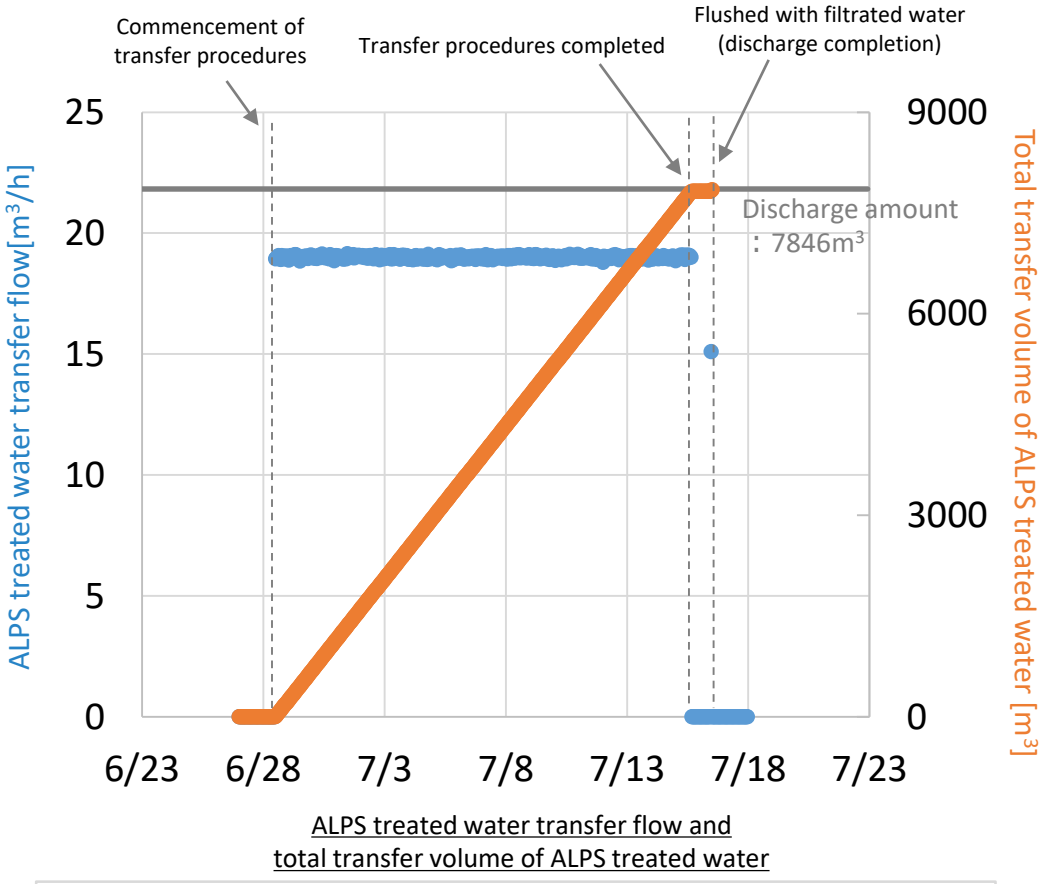
Management number	Tank group	Tritium concentration	Commenced	Completed	Amount of discharge	Amount of tritium radioactivity
23-1-1	Group B	14 x 10^4 Bq/liter	Aug 24, 2023	Sep 11, 2023	7,788m^3	Approx. 1.1 trillion Bq
23-2-2	Group C	14 x 10^4 Bq/liter	Oct 5, 2023	Oct 23, 2023	7,810m^3	Approx. 1.1 trillion Bq
23-3-3	Group A	13 x 10^4 Bq/liter	Nov 2, 2023	Nov 20, 2023	7,753m^3	Approx. 1.0 trillion Bq
23-4-4	Group B	17 x 10^4 Bq/liter	Feb 28, 2024	Mar 17, 2024	7,794m^3	Approx. 1.3 trillion Bq

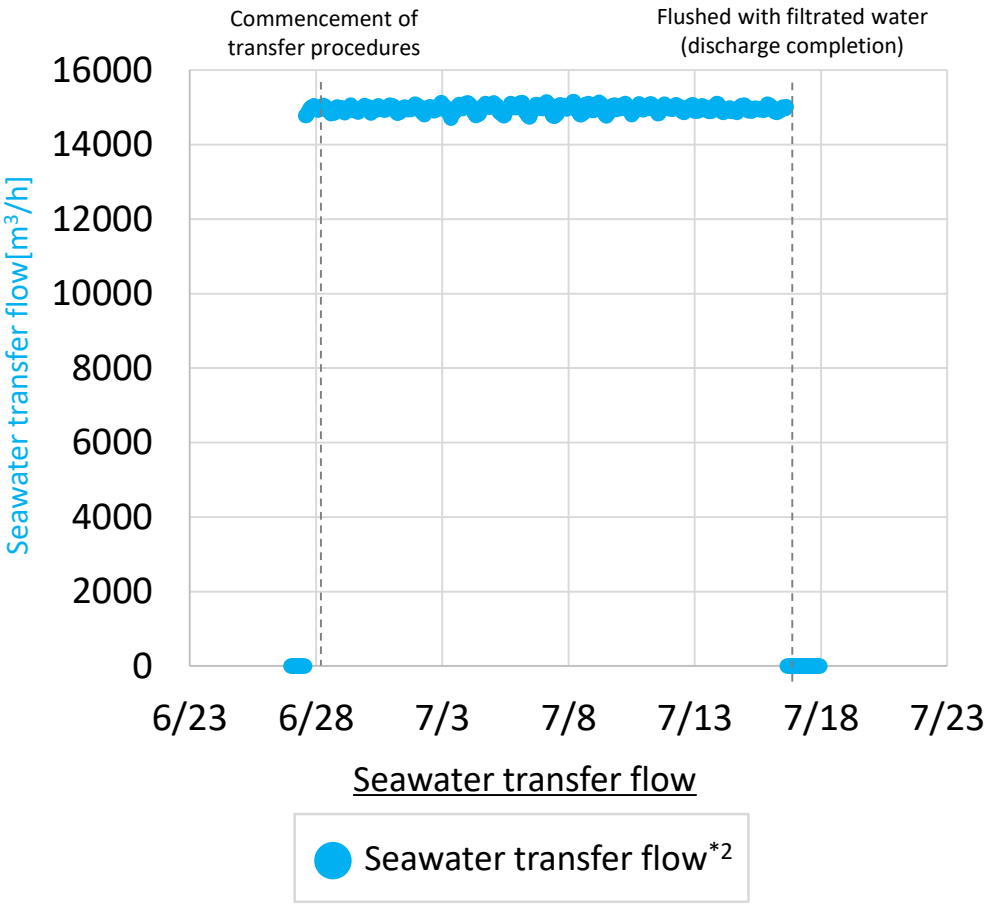
FY2024

Management number	Tank group	Tritium Concentration	Commenced	Completed	Amount of discharge	Amount of tritium radioactivity
24-1-5	Group C	19 x 10^4 Bq/liter	Apr 19, 2024	May 7, 2024	7,851m^3	Approx. 1.5 trillion Bq
24-2-6	Group A	17 x 10^4 Bq/liter	May 17, 2024	Jun 4, 2024	7,892m^3	Approx. 1.3 trillion Bq
24-3-7	Group B	17 x 10^4 Bq/liter	Jun 28, 2024	Jul 16, 2024	7,846m^3	Approx. 1.3 trillion Bq

1-1. Operating parameter records during the discharge (1/3)

- We were able to operate ALPS treated water transfer systems and seawater systems without issue.

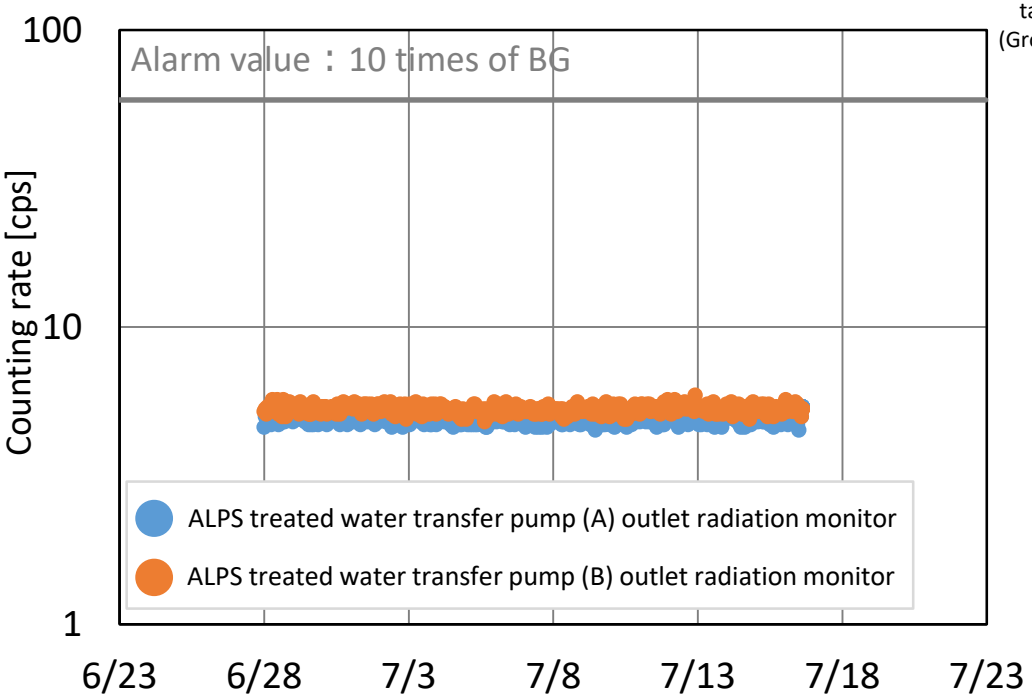




*1： The flowmeters are reduplicate, so the higher of the figures from both meters was used.
*2： Total for systems A and B

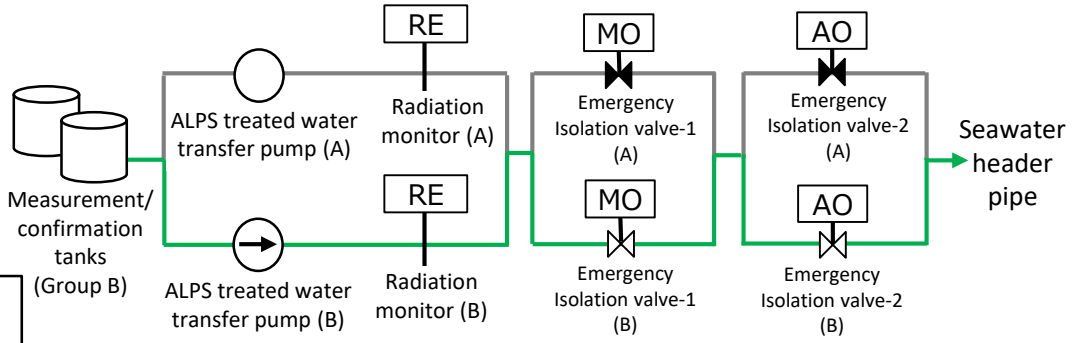
1-1. Operating parameter records during the discharge (2/3)

- No abnormalities were seen in the figures from the ALPS treated water transfer pump outlet radiation monitor.

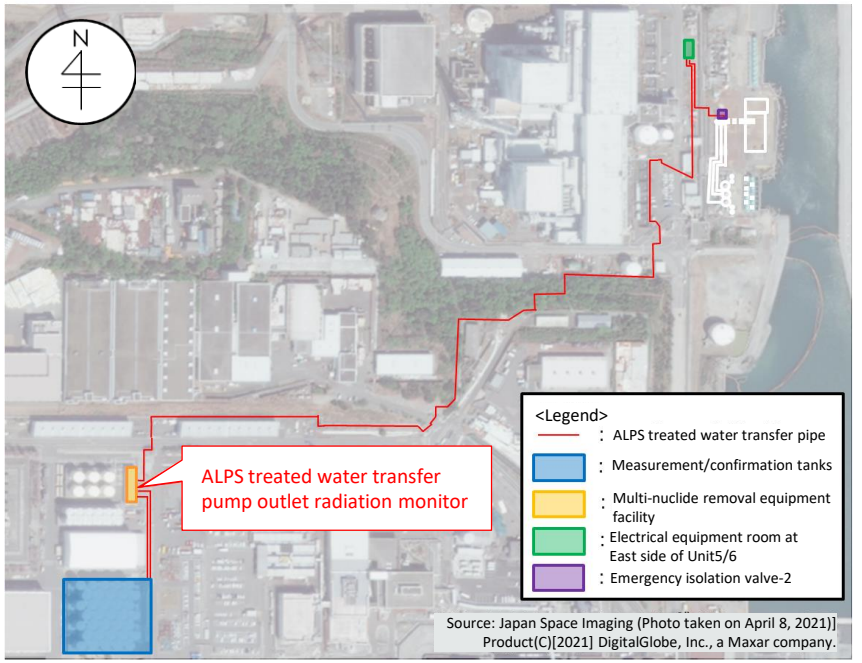


Figures of ALPS treated water transfer pump outlet radiation monitor※

※ : As shown in the schematic on the upper right, ALPS treated water was passed through System A. (System B was filled with filtrated water)



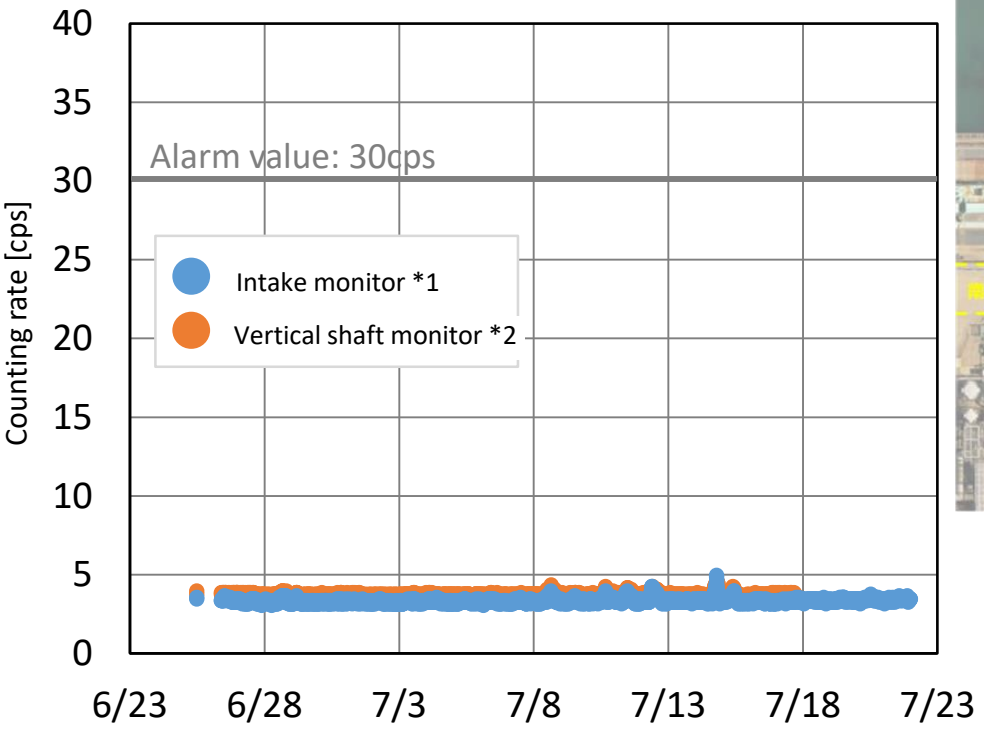
ALPS treated water transfer system schematic



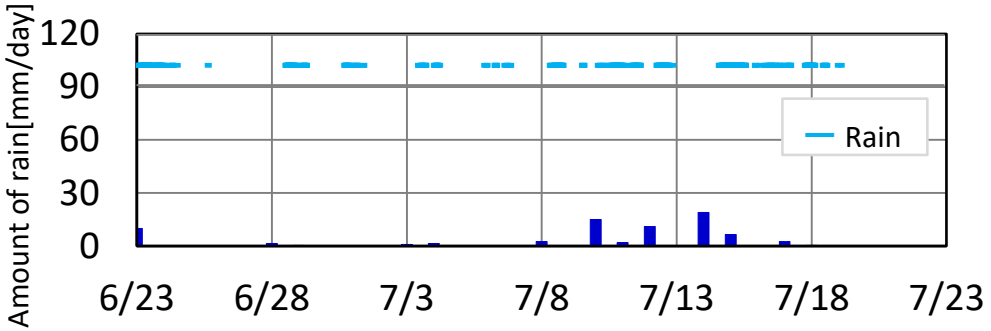
Overview of ALPS treated water dilution/discharge facility

1-1. Operating parameter records during the discharge (3/3)

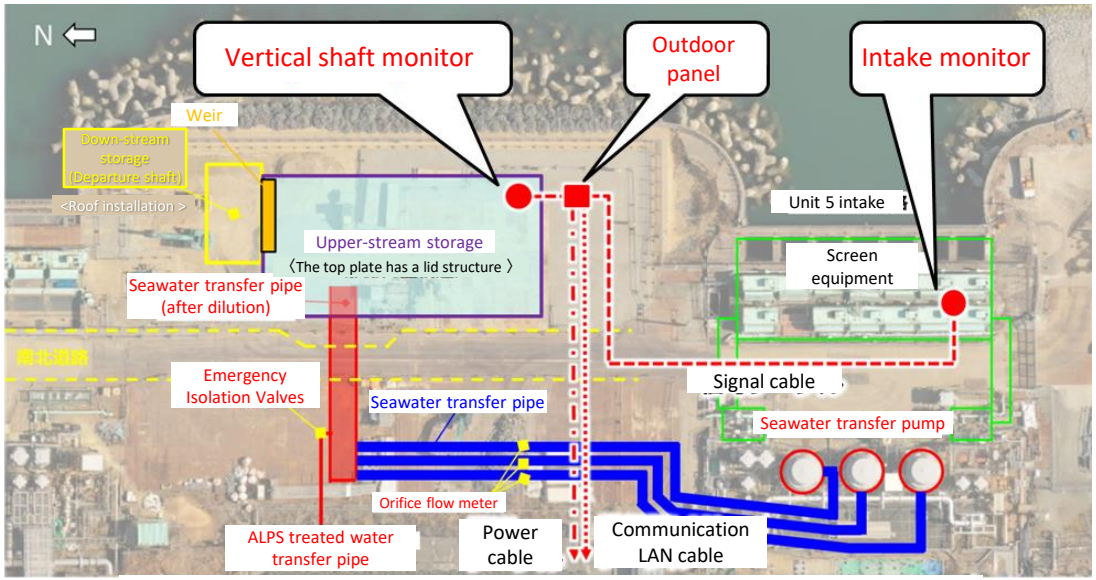
- Temporary increase in values, possibly due to rain was observed, but no abnormalities were seen in the readings.



Figures of Intake/Vertical shaft monitor



Amount of rain at the Fukushima Daiichi NPS



Overview of Intake/Vertical shaft monitor

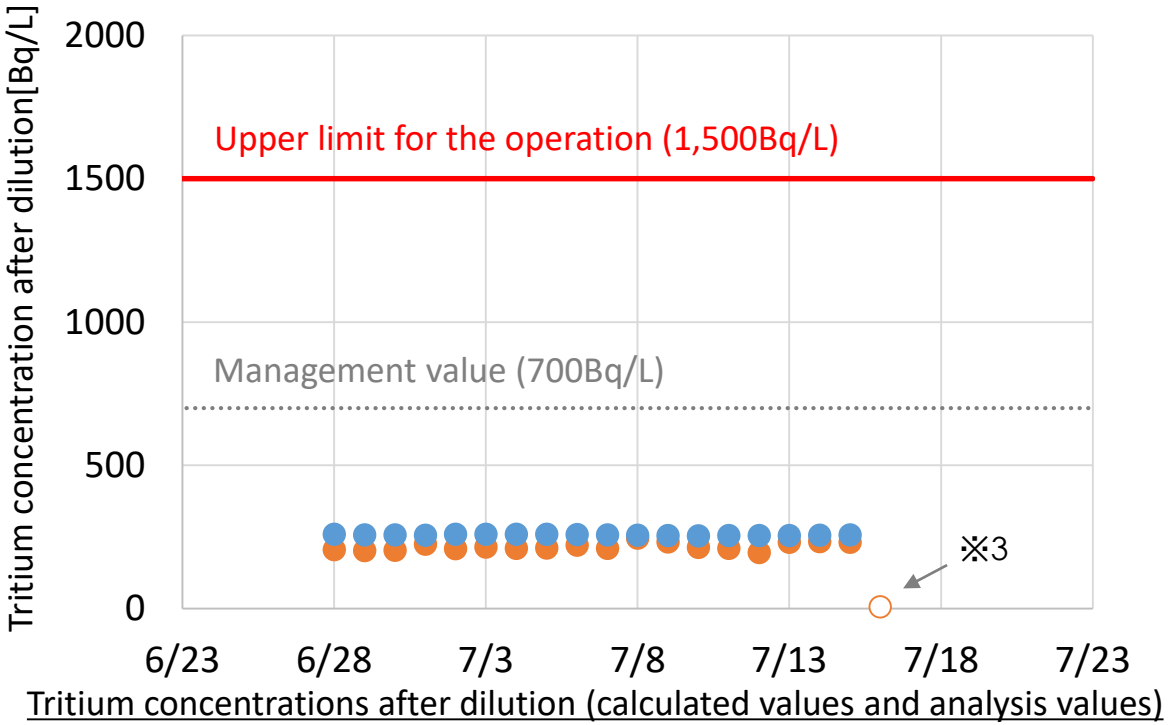
*1: After the previous discharge, annual inspection and the following works were carried out (measurements resumed on June 26)
- The detection parts of both the intake monitor (●) and the vertical shaft monitor (●) were cleaned, which resulted in a lower reading than the previous discharge
- A cover was installed on the detection part of the intake monitor (●) to prevent foreign materials from adhering

*2: The slight decrease in vertical shaft monitor readings (●) since June 27 is assumed to be due to the rise in water level in the upper-stream storage caused by the activation of seawater transfer pump (which thereby enhanced the shielding effect of water against radiation exposure from the surrounding area).

※It is assumed that the temporary increases during rainfall were caused by the runoff of fallout from onshore areas and precipitation of natural radionuclides (such as daughter nuclide of radon, etc.).

1-2. Tritium concentrations after dilution during the discharge

- During the discharge period, water was sampled daily from the seawater pipe to analyze tritium concentrations.
  ⇒Confirmed to be less than the upper limit for the operation: 1,500Bq/liter



Tritium concentrations after dilution (calculated values and analysis values)

● Calculated values※1

● Analysis values(Detected values)

※1：Calculated using the following formula
（Uncertainty has been considered for each parameter）

Tritium concentrations after dilution (Calculated values)

$$= \frac{\text{Tritium concentrations in ALPS treated water}^{※2} \times \text{ALPS treated water transfer flow}}{\text{Seawater transfer flow} + \text{ALPS treated water transfer flow}}$$

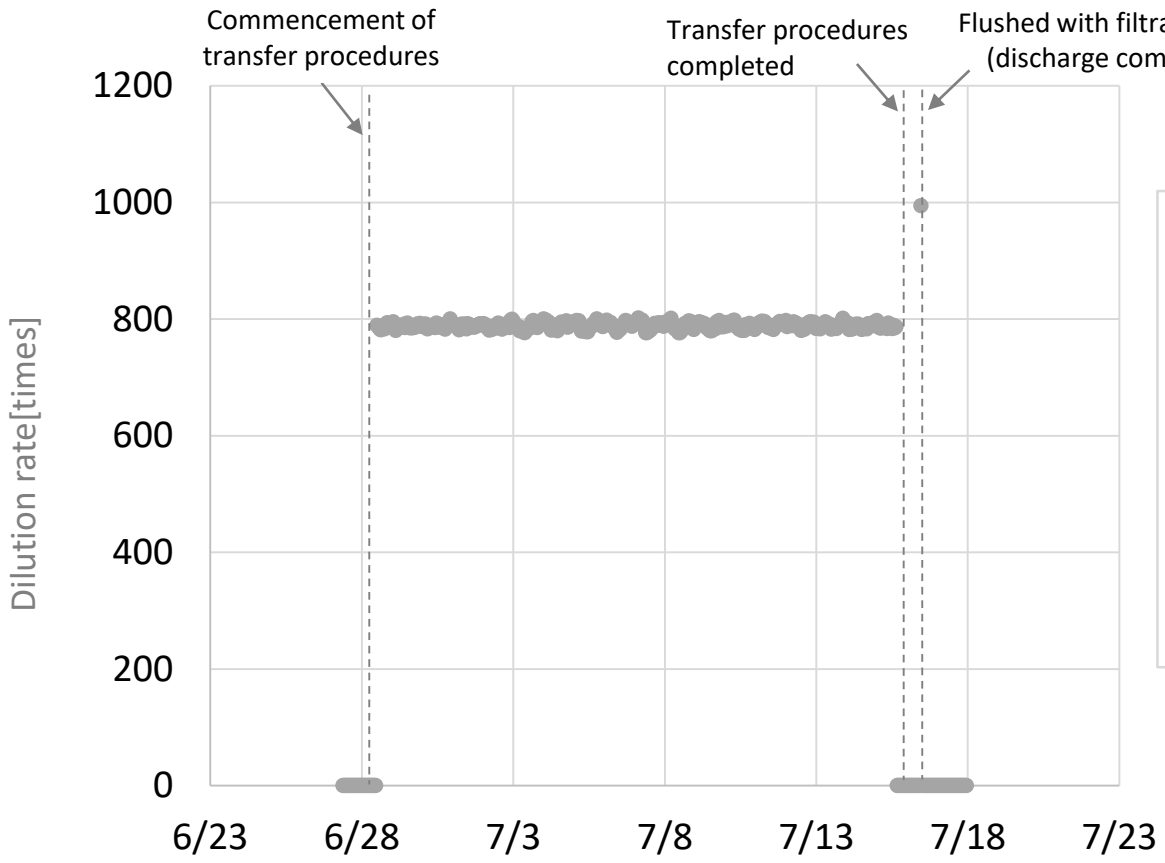
※2：Analysis values at measurement/confirmation tanks

※3：No calculated values since the pipes were flushed out with filtrated water.

	6/28	6/29～7/15	7/16
Calculated value: Time of data acquisition	14:00	7:00	—
Analysis value: Time of specimen sampling	14:16	7:00～10:00	11:57

[Reference] Dilution rate of ALPS treated water

- The dilution rate had always been kept at over 100 times during the discharge.



Dilution rate of ALPS treated water

Dilution rate※1

$$\text{Dilution rate} = \frac{\text{Seawater flow rate}^{※2} + \text{ALPS treated water flow rate}^{※3}}{\text{ALPS treated water flow rate}^{※3}}$$

※2： Total for systems A and B
※3： The flowmeters are reduplicate, so the higher of the figures from both meters was used for calculation

[Reference] Total radioactivity of nuclides to be measured and assessed (29 nuclides)

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- The following chart shows the total radioactivity (Bq) for nuclides to be measured and assessed (29 nuclides) during the discharge of Management number: 24-3-7. (Calculated from analysis values※1 (Bq/liter) and discharge volume (7,846m³) for each nuclide)

  ※1: It was confirmed that the sum of the ratios of legally required concentrations of the nuclides targeted for measurement/assessment is 0.18 and less than 1.

- The total radioactivity from nuclides for which analysis values were below detection limit (ND) have not been included.

Nuclide	Analysis value [Bq/liter]	Total radioactivity [Bq]	Nuclide	Analysis value [Bq/liter]	Total radioactivity [Bq]	Nuclide	Analysis value [Bq/liter]	Total radioactivity [Bq]
C-14	9.9E+00	7.8E+07	Sb-125	2.6E-01	2.0E+06	U-234※3	<2.8E-02	–
Mn-54	<2.6E-02	–	Te-125m※2	9.6E-02	7.5E+05	U-238※3	<2.8E-02	–
Fe-55	<1.9E+01	–	I-129	7.8E-01	6.1E+06	Np-237※3	<2.8E-02	–
Co-60	5.0E-01	3.9E+06	Cs-134	<3.3E-02	–	Pu-238※3	<2.8E-02	–
Ni-63	<9.1E+00	–	Cs-137	2.9E-01	2.3E+06	Pu-239※3	<2.8E-02	–
Se-79	<8.8E-01	–	Ce-144	<3.8E-01	–	Pu-240※3	<2.8E-02	–
Sr-90	1.4E+00	1.1E+07	Pm-147※2	<3.3E-01	–	Pu-241※2	<7.8E-01	–
Y-90※2	1.4E+00	1.1E+07	Sm-151※2	<1.3E-02	–	Am-241※3	<2.8E-02	–
Tc-99	8.0E-01	6.3E+06	Eu-154	<7.4E-02	–	Cm-244※3	<2.8E-02	–
Ru-106	<2.5E-01	–	Eu-155	<2.6E-01	–			

※2 Analysis values were assessed with radioactive equilibrium

※3 Gross Alpha measurements

1-3. Sea area monitoring history

○ Measurement results of tritium concentrations in water sampled in the vicinity of the discharge outlet (within 3km of the power station) and outside of the vicinity of the discharge outlet (within a 10km square in front of the power station) since the commencement of the first discharge on August 24, 2023, are all below indices (discharge suspension level and investigation level).

○ For quick tritium measurements taken in the vicinity of the discharge outlet, we have been continuing with the monitoring by placing importance on the discharge period since December 26, 2023.

(Unit: Bq/liter)

	Sampling location	Frequency	July 2024										
			6	7	8	9	10	11	12	13	14	15	16*3
In the vicinity of the discharge outlet	T-1	Twice a week*1	–	–	<7.1	–	–	<6.7	–	–	–	<6.7	–
	T-2	Twice a week*1	–	–	<7.0	–	–	<6.7	–	–	–	<6.7	–
	T-0-1	Once a day*2	<6.2	<8.2	<6.9	<6.4	<6.4	<6.7	<9.0	<8.0	<7.4	<6.4	<5.5
	T-0-1A	Once a day*2	<7.6	<7.7	<6.8	<6.7	<7.8	8.8	<8.5	<7.6	<7.6	<6.8	<7.3
	T-0-2	Once a day*2	<6.1	<8.2	<6.8	<6.4	<6.4	<7.4	<9.1	<5.7	<7.4	<6.5	<5.4
	T-0-3A	Twice a week*1	–	–	<7.0	–	–	<7.6	–	–	–	<6.7	–
	T-0-3	Twice a week*1	–	–	<6.7	–	–	<7.4	–	–	–	<6.4	–
	T-A1	Twice a week*1	–	–	<6.9	–	–	<7.7	–	–	–	<8.8	–
	T-A2	Once a day*2	<7.7	<7.7	<6.9	<6.7	<7.7	<7.6	<8.4	<7.6	<7.7	<8.8	<7.3
	T-A3	Twice a week*1	–	–	<6.9	–	–	<7.6	–	–	–	<8.8	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	<7.0	–	–	–	–	–	–	<8.9	–
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	–	–

※: A "less than" symbol (<) indicates that the analysis result was less than the detection limit. :Term of discharge of ALPS treated water (Management number: 24-3-7)

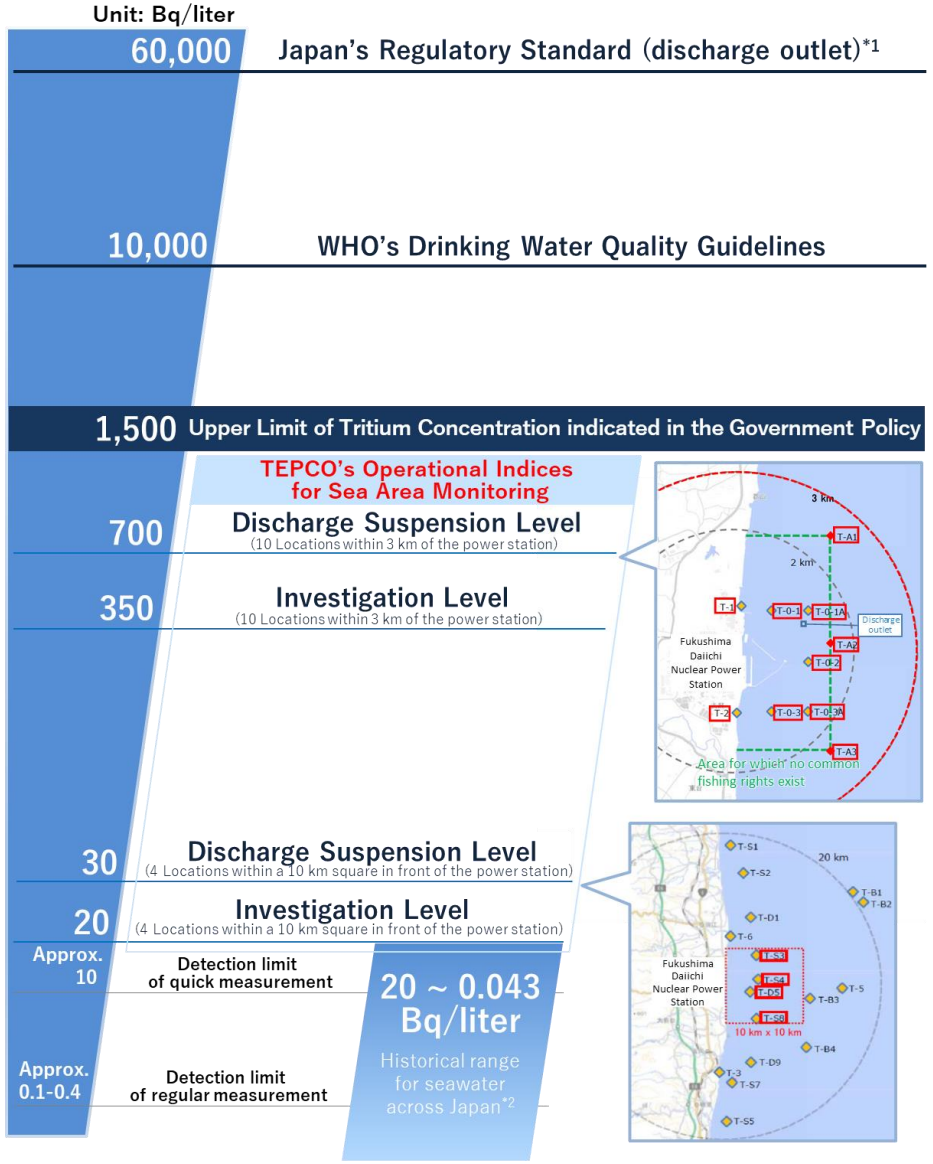
*1: Conduct twice a week during the discharge period and for once a week following the completion of discharge. Conduct once a week outside the discharge period, excluding one week following the completion of discharge

*2: Conduct once a week during the discharge period and once a week following the completion of discharge. Conduct once a month outside the discharge period, excluding one week following the completion of discharge

*3: Sampled before 8AM, prior to the completion of the discharge

[Reference] Comparison of tritium concentration in seawater

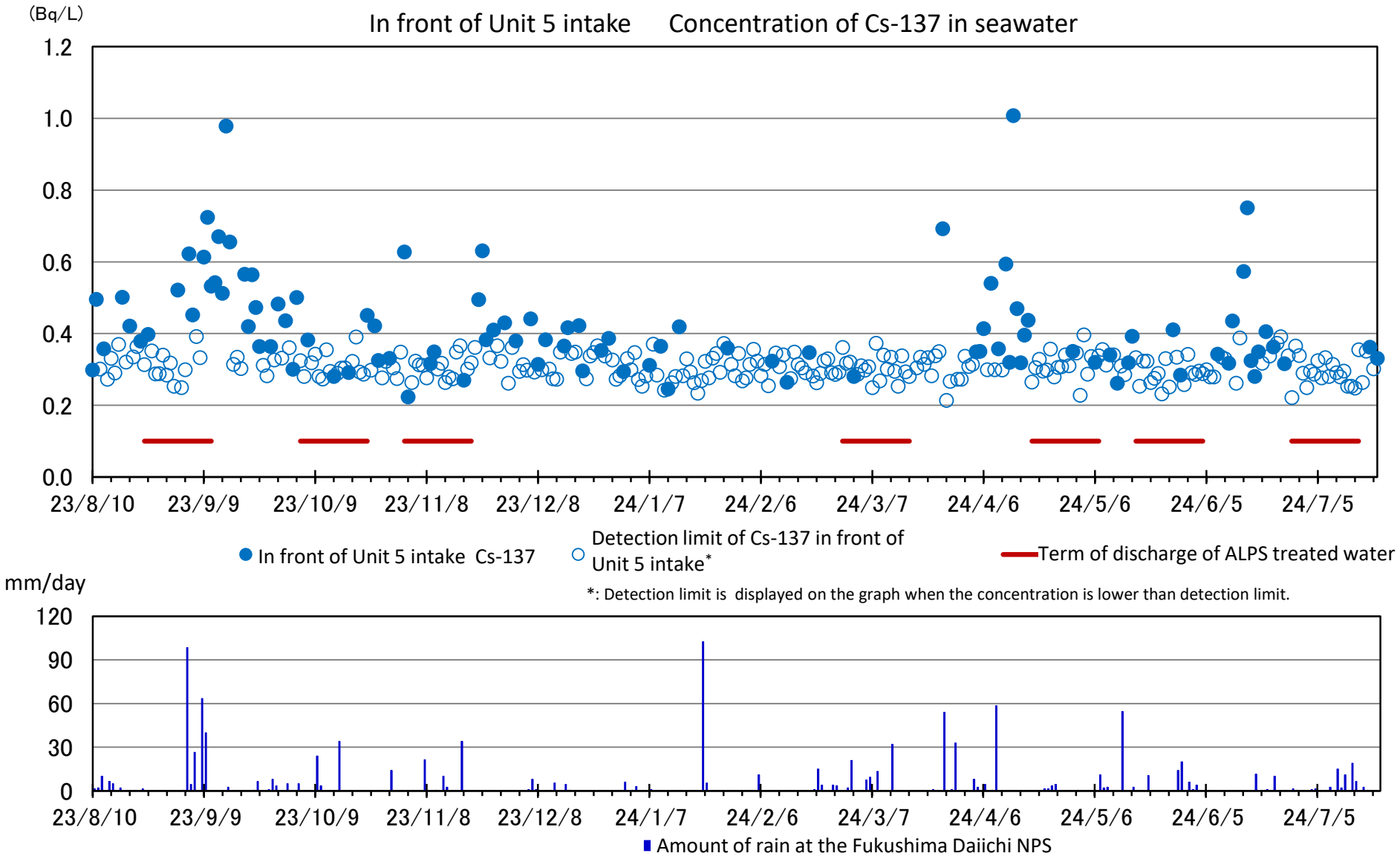
- Tritium concentrations measured during sea area monitoring after the commencement of discharge are within the range of fluctuation identified through past seawater monitoring performed throughout the entirety of Japan.
- In the future, it is possible that concentrations of tritium in the seawater may be affected by the concentrations of tritium in the ALPS treated water that is discharged, and exceed those observed in the past.
- However, even if this occurs, sea dispersion simulation results for discharged water performed during the radiological impact assessment have shown that these fluctuations will be within predicted levels and below the investigation level.



*1: This standard has been stipulated based on the calculation that if a person were to drink approximately 2L of the water coming out of the discharge outlet of a nuclear facility every day for one year, his/her exposure would be 1mSv.
*2: Source: Environmental Radioactivity and Radiation in Japan (Period: April 2019 to March 2022)

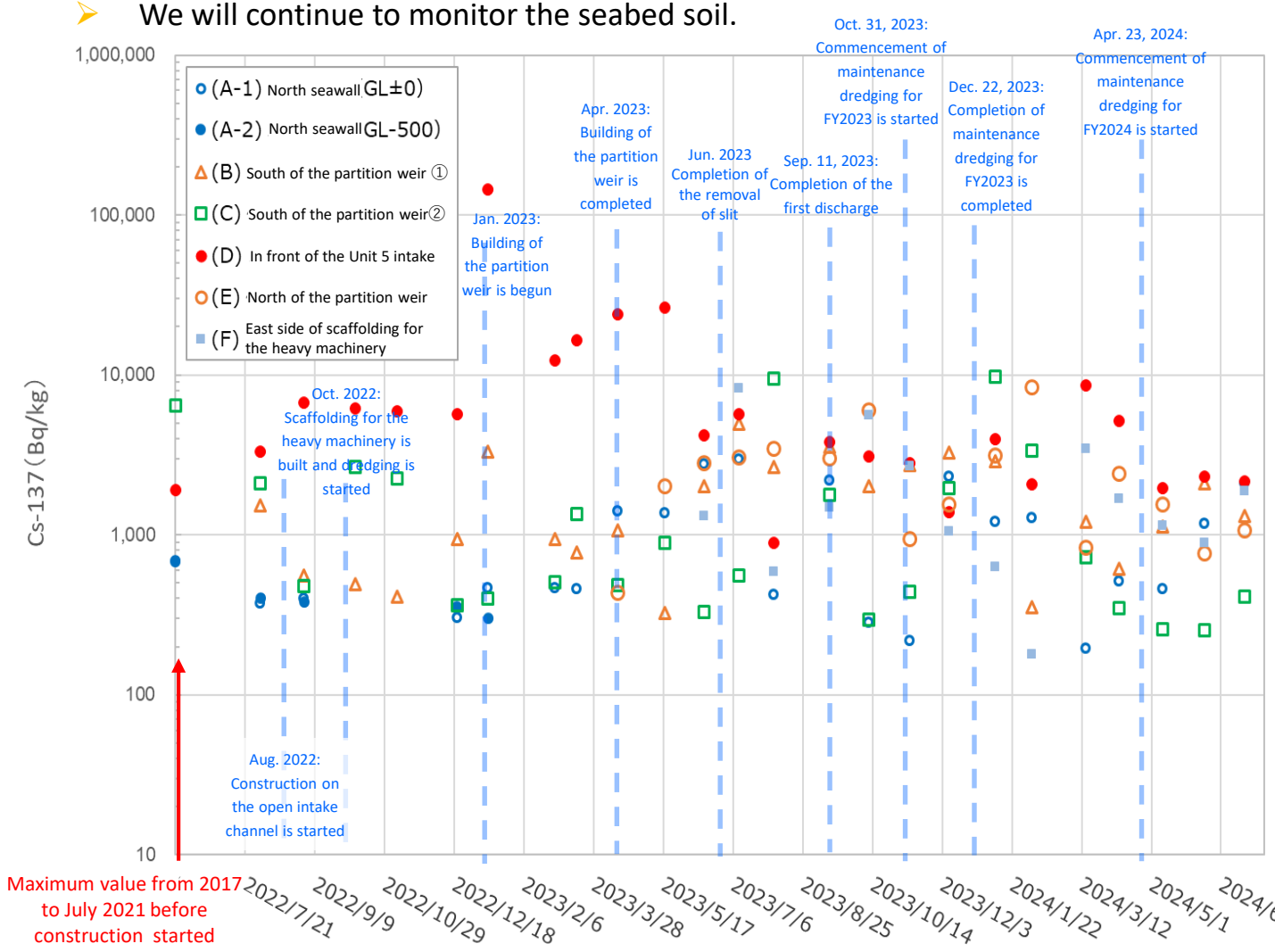
1-4. Unit 5 intake channel monitoring

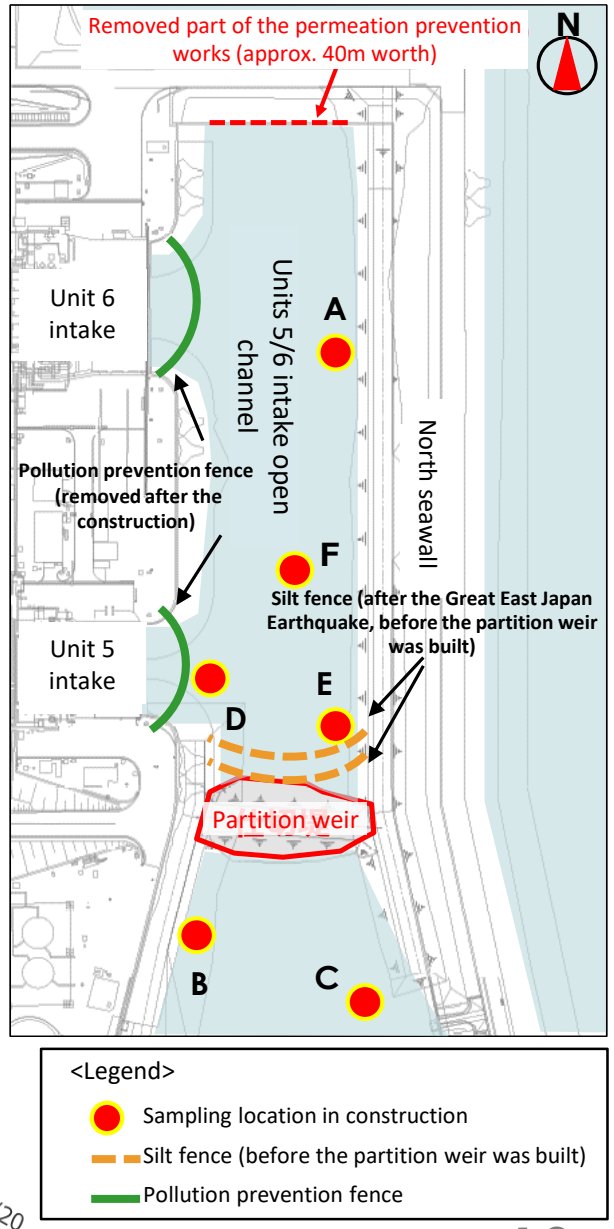
- Sea water monitoring results at near the intake for seawater to be used for dilution during the discharge of ALPS treated water have confirmed that values are similar to those outside of the term of the discharge.



1-5. Monitoring results for seabed soil inside the Unit 5/6 intake open channel (1)

- Monitoring results for seabed soil in front of Unit 5 intake did not show significant fluctuations from the beginning of construction until December 2022. While they showed higher readings after January 2023, we have confirmed that these readings decreased after the completion of silt removal.
- We will continue to monitor the seabed soil.





1-5. Monitoring results for seabed soil inside the Unit 5/6 intake open channel (2)

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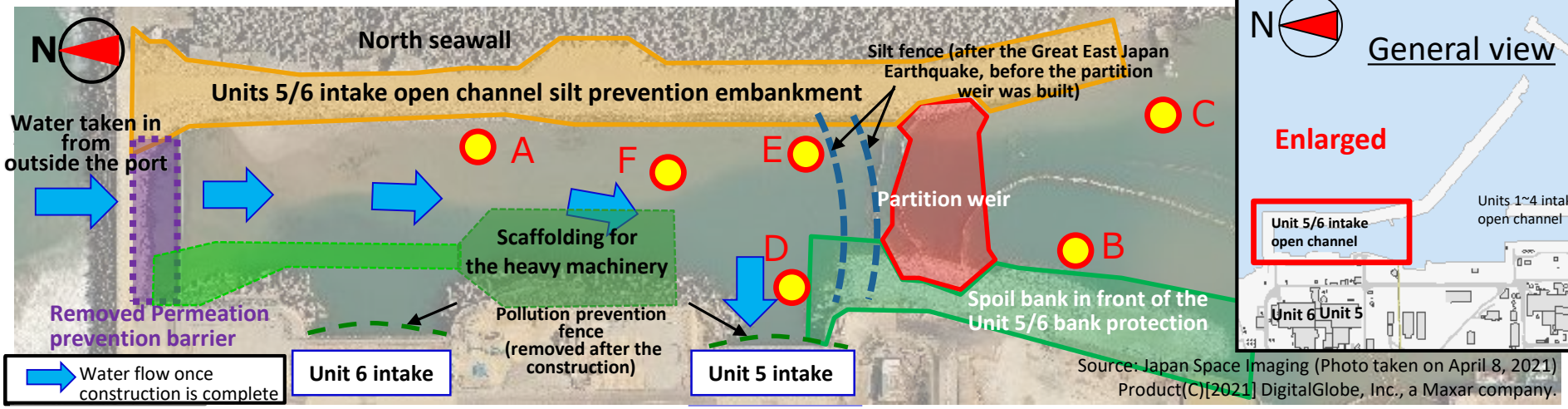
- The following shows monitoring results for seabed soil inside the unit 5/6 intake open channel from August 2022 to June 2024.



Sampling points		Before construction	2022					2023												2024						
		2017 to July 2021	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.
A-1 North side of the Unit 5/6 open channel (North side of the silt fence (GL±0m))	Cs-134	4.4~52.3	33.2	36.0	-	-	31.5	37.2	39.8	39.8	40.1	33.9	66.5	65.5	33.6	65.9	34.6	32.0	69.5	44.5	51.1	34.6	34.4	34.8	53.6	51.4
	Cs-137	163.6~678.6	371.6	398.8	-	-	303.2	468.1	460.2	460.2	1,414.0	1,360.0	2,752.0	2,957.0	422.3	2,195.0	281.8	216.7	2,322.0	1,210.0	1,270.0	195.2	510.4	461.7	1,169.0	2,107.0
A-2 North side of the Unit 5/6 open channel (North side of the silt fence (GL-0.5m))	Cs-134	14.4~58.5	33.6	32.5	-	-	38.3	33.4	※Only sampled from the surface (GL±0m) since sand was removed during dredging																	
	Cs-137	310.0~689.8	404.0	383.2	-	-	356.4	299.1																		
B South side of the partition weir (① (South side of the silt fence))	Cs-134	723.0	34.5	42.1	65.6	55.4	46.7	73.9	49.1	43.1	62.6	47.8	60.1	97.1	59.9	92.5	52.4	53.2	83.7	75.2	38.2	52.8	35.1	50.6	48.1	39.7
	Cs-137	6,475.0	1,528.0	553.9	492.4	412.8	936.0	3,331.0	936.1	777.0	1,061.0	323.8	2,008.0	4,943.0	2,649.0	3,528.0	2,004.0	2,732.0	3,287.0	2,868.0	353.9	1,205.0	613.8	1,125.0	2,086.0	1,308.0
C South side of the partition weir (② (South side of the silt fence))	Cs-134	183.0	51.3	47.2	68.7	59.7	51.8	40.3	30.9	40.3	44.6	61.6	59.5	47.7	234.8	59.3	37.1	39.6	44.0	153.3	115.8	42.4	26.5	36.9	39.2	29.5
	Cs-137	1,893.0	2,114.0	476.0	2,671.0	2,242.0	360.8	400.5	503.5	1,356.0	485.9	886.9	330.5	560.6	9,519.0	1,773.0	295.9	441.2	1,970.0	9,737.0	3,345.0	723.9	348.9	257.0	253.0	409.7
D Unit 5 intake	Cs-134	–	101.6	184.0	213.7	160.4	108.7	3,546.0	167.4	472.0	690.7	586.2	63.7	141.4	64.5	75.2	70.7	50.2	50.5	61.8	50.3	177.8	114.8	79.6	50.3	40.3
	Cs-137	–	3,301.0	6,714.0	6,198.0	5,941.0	5,678.0	144,000.0	12,290.0	16,972.0	24,760.7	26,400.0	4,189.0	5,699.0	951.7	3,876.2	3,085.0	2,810.0	1,387.0	3,981.0	2,069.0	8,661.0	5,140.0	1,970.0	2,305.0	2,166.0
E North side of the partition weir	Cs-134	–									42.8	59.8	86.8	98.7	96.8	56.9	147.0	35.6	45.5	64.4	161.2	46.4	40.4	38.3	37.0	41.6
	Cs-137	–									437.1	2,022.0	2,822.0	3,069.0	3,438.0	3,022.0	5,975.0	936.5	1,546.0	3,145.0	8,371.0	829.4	2,427.0	1,551.0	764.6	1,066.0
F East side of scaffolding for the heavy machinery	Cs-134	–											40.2	166.1	45.3	53.7	98.0	52.4	51.4	58.6	31.3	55.3	37.8	87.1	34.1	40.7
	Cs-137	–											1,312.0	8,303.0	592.4	1,481.0	5,569.0	2,676.0	1,049.0	630.9	178.7	3,446.0	1,694.0	1,148.0	891.0	1,884.0

※Unit: Bq/liter, Figures in gray were below the detection limit

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   (Management number※ 24-3-7)

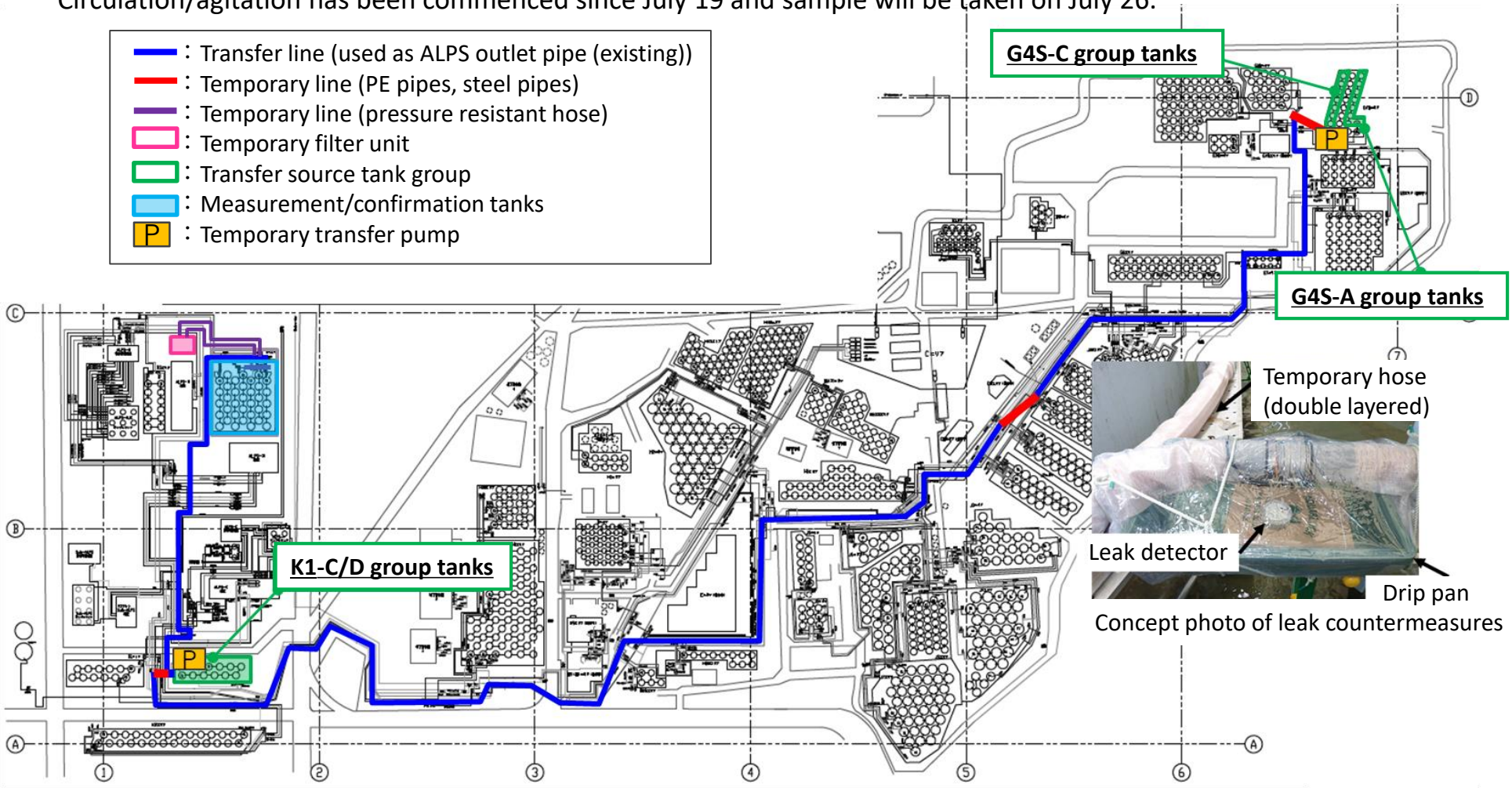
2. Transfer of ALPS treated water in preparation for the future discharges

(Reference) Sea area monitoring history after the commencement of discharge

※ The management number is made up of the fiscal year, followed by the discharge number for that fiscal year, and the total number of discharges to date.
For example, “24-3-7” indicates that the data is for the third discharge of 2024, which is the seventh discharge to date.

3. Transfer of ALPS treated water in preparation for the future discharges

- Transfer of ALPS treated water from K1 area Group C/D and G4S area Group C to measurement/confirmation facility tank group C in preparation for the discharge of Management number: 24-4-8 was conducted (transfer commenced on May 10 and completed on June 7). The water is currently being analyzed.
- Transfer of ALPS treated water from G4S area Group C and A to measurement/confirmation facility tank group A in preparation for the discharge of Management number: 24-5-9 was conducted (from June 12, 2024 to 11 July, 2024). Circulation/agitation has been commenced since July 19 and sample will be taken on July 26.



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(Reference) Sea area monitoring history (1/29)

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○ Measurement results of tritium concentrations in water sampled in the vicinity of the discharge outlet (within 3km of the power station) and outside of the vicinity of the discharge outlet (within a 10km square in front of the power station) since the commencement of the first discharge on August 24, 2023, are all below indices (discharge suspension level and investigation level).

○ For quick tritium measurements taken in the vicinity of the discharge outlet, we increased the frequency from once a week to daily after the commencement of the discharge, continuing until December 25, 2023, and we have promptly disclosed the results.

(Unit: Bq/liter)

	Sampling location	Frequency	August, 2023											
			24 *1	24 Normal *1,2	25	26	26 Normal *3	27	28	29	30	30 Normal *2,3	31	31 Normal *3
In the vicinity of the discharge outlet	T-1	Once a week*	<6.3	<0.34	<5.6	<6.6	0.97	<6.2	<7.3	<5.9	<6.4	1.0	<6.8	–
	T-2	Once a week*	<6.3	<0.33	<5.5	<6.5	1.1	<6.2	<7.3	<5.9	<6.3	1.3	<6.8	–
	T-0-1	Once a week*	<8.0	<0.34	<6.8	<6.1	0.66	<6.1	–*4	–*4	<6.8	<0.32	<8.2	–
	T-0-1A	Once a week*	<4.6	2.6	<7.6	<6.2	0.087	<6.1	–*4	–*4	<6.9	0.43	10	–
	T-0-2	Once a week*	<8.1	<0.35	<6.8	<6.1	0.92	<6.1	–*4	–*4	<6.8	1.4	<8.2	–
	T-0-3A	Once a week*	<4.7	<0.33	<7.6	<6.8	<0.068	<6.8	–*4	–*4	<7.6	<0.32	<5.1	–
	T-0-3	Once a week*	<8.0	<0.34	<6.9	<6.1	0.14	<6.1	–*4	–*4	<6.8	<0.31	<8.3	–
	T-A1	Once a week*	<6.6	<0.32	<7.6	<6.8	0.13	<6.8	–*4	–*4	<7.6	1.1	<5.1	–
	T-A2	Once a week*	<6.6	<0.32	<7.6	<6.8	0.065	<6.8	–*4	–*4	<7.7	1.5	<5.1	–
	T-A3	Once a week*	<6.6	<0.32	<6.9	<6.8	<0.072	<6.8	–*4	–*4	<7.6	1.1	<5.2	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	–	–	–	–	–	–	–	<6.8	0.59
	T-S3	Once a month	–	–	–	–	–	–	–	–	<7.6	0.070	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	<7.7	0.073	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	<7.7	0.062	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

*：Monitored daily for the time being after the commencement of discharge

：Term of discharge of ALPS treated water (Management number: 23-1-1)

*1：Sampled after the commencement of discharge at 3PM

*2：Detection limit 0.4 Bq/liter

*3：Detection limit 0.1 Bq/liter

*4：Sampling suspended due to bad weather condition

(Reference) Sea area monitoring history (2/29)

(Unit: Bq/liter)

	Sampling location	Frequency	September, 2023											
			1	2	3	4	4 Normal *1	5	6	6 Normal *1	7	8	9	10
In the vicinity of the discharge outlet	T-1	Once a week*	<7.2	<6.8	<5.8	<6.6	0.68	<7.1	<7.1	–	<6.1	<5.9	<6.0	<7.8
	T-2	Once a week*	<7.4	<6.8	<5.8	<6.6	0.90	<7.1	<7.1	–	<6.1	<5.9	<6.0	<7.8
	T-0-1	Once a week*	<7.3	<7.3	<6.8	<6.9	<0.34	<6.6	<6.6	–	<8.7	<6.9	<8.0	<7.0
	T-0-1A	Once a week*	<7.3	<8.2	<6.8	<6.9	<0.33	<7.0	<6.6	–	<8.7	<6.9	<8.0	<7.1
	T-0-2	Once a week*	<7.3	<7.3	<6.7	<7.0	0.74	<6.5	<6.6	–	<8.6	<6.8	<8.0	<7.0
	T-0-3A	Once a week*	<7.0	<7.8	<6.5	<5.9	<0.33	<7.6	<6.3	–	<5.3	<7.4	<6.5	<6.5
	T-0-3	Once a week*	<7.3	<8.2	<6.7	<6.8	<0.34	<7.8	<6.6	–	<8.7	<6.9	<8.0	<7.1
	T-A1	Once a week*	<7.1	<7.9	<6.5	<5.9	1.1	<7.6	<6.3	–	<5.3	<7.4	<6.4	<6.5
	T-A2	Once a week*	<7.1	<7.8	<6.5	<7.3	0.88	<7.6	<6.2	–	<5.3	<7.3	<6.6	<6.4
	T-A3	Once a week*	<7.1	<7.9	<6.5	<7.3	0.82	<7.6	<6.3	–	<5.3	<7.3	<6.5	<6.5
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	–	–	–	<7.1	<0.34	–	–	–	–
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

*1：Detection limit 0.4 Bq/liter

：Term of discharge of ALPS treated water (Management number: 23-1-1)

*：Monitored daily for the time being after the commencement of discharge

(Reference) Sea area monitoring history (3/29)

(Unit: Bq/liter)

	Sampling location	Frequency	September, 2023											
			11 *1	11 Normal *1,2	12	12 Normal *2	13	13 Normal *2	14	15	16	17	18	18 Normal *3
In the vicinity of the discharge outlet	T-1	Once a week*	<7.0	0.21	<7.2	–	<7.2	–	<6.5	<7.3	<6.7	<7.0	<7.6	<0.31
	T-2	Once a week*	<7.0	0.24	<7.2	–	<7.2	–	<6.5	<7.4	<6.8	<6.9	<7.6	<0.31
	T-0-1	Once a week*	<6.8	0.10	<7.7	–	<6.6	–	<7.5	<7.8	<7.6	<7.8	<7.4	<0.36
	T-0-1A	Once a week*	<6.8	0.12	<7.8	–	<6.5	–	<7.5	<7.7	<7.5	<7.7	<7.3	<0.34
	T-0-2	Once a week*	<6.8	0.13	<7.7	–	<6.5	–	<7.5	<7.7	<7.6	<7.7	<7.3	<0.31
	T-0-3A	Once a week*	<6.2	0.10	<7.0	–	<5.9	–	<6.6	<7.4	<6.8	<6.9	<7.6	<0.35
	T-0-3	Once a week*	<6.8	0.16	<7.8	–	<6.5	–	<7.5	<7.7	<7.5	<7.8	<7.3	<0.34
	T-A1	Once a week*	<7.0	0.078	<7.0	–	<5.9	–	<6.7	<5.5	<7.2	<5.5	<6.7	<0.31
	T-A2	Once a week*	<7.0	0.097	<7.0	–	<5.9	–	<6.7	<5.5	<7.3	<5.4	<6.7	<0.31
	T-A3	Once a week*	<7.0	0.16	<7.0	–	<5.9	–	<6.7	<5.5	<7.2	<5.5	<6.7	<0.31
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	–	<7.2	0.11	–	–	–	–	–	–
	T-S3	Once a month	–	–	<7.1	<0.068	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	<7.1	0.087	–	–	–	–	–	–	–	–
	T-S8	Once a month	<6.2	0.098	–	–	–	–	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

：Term of discharge of ALPS treated water (Management number: 23-1-1)

*：Monitored daily for the time being after the commencement of discharge

*1：Sampled before 9AM, prior to the completion of the discharge

*2：Detection limit 0.1 Bq/liter

*3：Detection limit 0.4 Bq/liter

(Reference) Sea area monitoring history (4/29)

(Unit: Bq/liter)

	Sampling location	Frequency	September, 2023											
			19	20	20 Normal *1	21	22	23	24	25	25 Normal *1	26	27	27 Normal *1
In the vicinity of the discharge outlet	T-1	Once a week*	<5.0	<6.9	–	<5.0	<5.3	<6.5	<6.7	<7.2	<0.31	<5.6	<6.2	–
	T-2	Once a week*	<5.0	<6.9	–	<5.0	<5.3	<6.5	<6.7	<7.2	<0.31	<5.6	<6.3	–
	T-0-1	Once a week*	<5.5	<7.9	–	<6.5	<6.3	<6.5	<7.6	<8.7	<0.35	<7.9	<6.2	–
	T-0-1A	Once a week*	<5.6	<8.2	–	<6.5	<6.3	<6.5	<7.5	<8.7	<0.35	<7.9	<6.2	–
	T-0-2	Once a week*	<5.6	<7.9	–	<6.5	<6.2	<6.5	<7.5	<8.7	<0.30	<7.9	<6.2	–
	T-0-3A	Once a week*	<5.0	<6.1	–	<5.0	<5.3	<6.5	<6.7	<7.2	<0.35	<5.6	<6.2	–
	T-0-3	Once a week*	<5.5	<7.9	–	<6.5	<6.3	<6.5	<7.5	<8.7	<0.35	<7.9	<6.2	–
	T-A1	Once a week*	<6.9	<5.9	–	<6.6	<7.0	<7.6	<5.1	<6.3	<0.30	<7.3	<6.6	–
	T-A2	Once a week*	<6.9	<5.9	–	<6.7	<7.0	<7.6	<5.1	<6.3	<0.30	<7.3	<6.7	–
	T-A3	Once a week*	<7.0	<6.3	–	<6.6	<7.0	<7.6	<5.1	<6.3	<0.29	<7.3	<6.6	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	<6.1	<0.34	–	–	–	–	–	–	–	<6.3	<0.35
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

*1：Detection limit 0.4 Bq/liter

*：Monitored daily for the time being after the commencement of discharge

(Reference) Sea area monitoring history (5/29)

(Unit: Bq/liter)

	Sampling location	Frequency	September, 2023			October, 2023								
			28	29	30	1	2	2 Normal *1	3	4	4 Normal *1	5 *2	5 Normal *1,2	6
In the vicinity of the discharge outlet	T-1	Once a week*	<6.7	<4.9	<7.3	<6.0	<5.8	<0.34	<6.7	<6.9	–	<5.8	<0.31	<5.8
	T-2	Once a week*	<6.7	<4.7	<7.3	<6.0	<5.7	<0.33	<6.6	<6.8	–	<5.7	<0.31	<5.7
	T-0-1	Once a week*	<6.8	<6.8	<7.9	<8.3	<7.0	<0.35	<6.5	<7.3	–	<7.8	<0.31	<7.0
	T-0-1A	Once a week*	<6.8	<6.8	<7.9	<8.0	<6.9	<0.35	<6.4	<7.3	–	<7.6	5.2	<7.4
	T-0-2	Once a week*	<6.8	<6.9	<8.0	<8.4	<7.0	<0.36	<6.4	<7.2	–	<7.6	<0.33	<7.0
	T-0-3A	Once a week*	<6.7	<4.7	<7.4	<6.2	<5.8	<0.35	<6.8	<6.9	–	<5.9	<0.32	<5.8
	T-0-3	Once a week*	<6.8	<7.0	<7.7	<8.0	<7.0	<0.35	<6.4	<7.2	–	<7.7	<0.32	<6.4
	T-A1	Once a week*	<9.3	<7.8	<8.1	<8.0	<5.6	<0.30	<7.3	<7.5	–	<7.7	<0.30	<7.0
	T-A2	Once a week*	<5.5	<7.8	<8.0	<8.0	<5.7	<0.30	<7.5	<7.5	–	<7.7	<0.31	<7.0
	T-A3	Once a week*	<7.2	<7.6	<8.0	<8.1	<5.6	<0.30	<7.4	<7.4	–	<7.6	<0.30	<7.1
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	–	–	–	–	<6.8	<0.35	–	–	–
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

：Term of discharge of ALPS treated water (Management number: 23-2-2)

*：Monitored daily for the time being after the commencement of discharge

*1：Detection limit 0.4 Bq/liter

*2：Sampled after the commencement of discharge at 2PM

(Reference) Sea area monitoring history (6/29)

(Unit: Bq/liter)

	Sampling location	Frequency	October, 2023											
			7	8	9	9 Normal *1	10	11	12	12 Normal *1	13	14	15	16
In the vicinity of the discharge outlet	T-1	Once a week*	<5.8	<6.1	<7.2	0.40	<6.9	<6.5	<6.3	–	<6.5	<6.1	<5.5	<6.0
	T-2	Once a week*	<5.8	<6.1	<7.1	0.77	<6.9	<6.6	<6.3	–	<6.5	<6.2	<5.5	<6.0
	T-0-1	Once a week*	<6.7	<8.2	<7.9	1.4	–*2	<7.3	<7.3	–	<7.3	<8.7	<7.3	<7.8
	T-0-1A	Once a week*	9.4	<8.2	11	12	–*2	<7.3	14	–	11	<8.7	14	16
	T-0-2	Once a week*	<6.8	<8.1	<7.9	0.43	–*2	<7.3	<7.3	–	<7.3	<8.7	<7.3	<7.8
	T-0-3A	Once a week*	<5.8	<6.1	<7.2	<0.072	–*2	<6.8	<6.3	–	<6.5	<6.1	<5.6	<6.0
	T-0-3	Once a week*	<6.7	<8.2	<7.8	0.45	–*2	<7.3	<7.2	–	<7.2	<8.6	<7.3	<7.8
	T-A1	Once a week*	<6.4	<5.5	<6.7	0.43	–*2	<6.8	<8.7	–	<8.6	<6.2	<7.2	<7.2
	T-A2	Once a week*	<5.9	<5.5	<6.7	0.25	–*2	<6.8	<8.6	–	<8.6	<5.6	<7.2	<7.2
	T-A3	Once a week*	<5.8	<5.5	<6.8	<0.073	–*2	<6.8	<8.6	–	<8.6	<5.7	<7.2	<7.2
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	–	–	–	<6.4	<0.070	–	–	–	–
	T-S3	Once a month	–	–	–	–	–	–	<6.4	<0.071	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	<6.4	<0.070	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	<6.5	0.065	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

：Term of discharge of ALPS treated water (Management number: 23-2-2)

*：Monitored daily for the time being after the commencement of discharge

*1：Detection limit 0.1 Bq/liter

*2：Sampling suspended due to bad weather condition

(Reference) Sea area monitoring history (7/29)

(Unit: Bq/liter)

	Sampling location	Frequency	October, 2023											
			16 Normal *1	17	18	19	19 Normal *1	20	21	22	23 *2	23 Normal *1,2	24	25
In the vicinity of the discharge outlet	T-1	Once a week*	4.3	<6.5	<7.1	<7.2	–	<5.5	<5.6	<5.3	<6.5	1.3	<6.5	<5.8
	T-2	Once a week*	0.66	<6.5	<7.1	<7.1	–	<5.5	<5.6	<5.2	<6.5	0.80	<6.5	<5.8
	T-0-1	Once a week*	1.0	<6.7	<5.9	<8.3	–	<7.0	<6.8	<7.3	<6.7	1.3	<7.8	<7.5
	T-0-1A	Once a week*	14	<6.7	<5.8	<8.5	–	<7.0	22	16	<6.7	0.71	<7.7	<7.5
	T-0-2	Once a week*	1.2	<6.7	8.9	<8.4	–	<7.0	<6.8	<7.3	<6.7	0.40	<7.7	<7.5
	T-0-3A	Once a week*	0.74	<6.5	<7.1	<7.1	–	<5.5	<5.6	<5.3	<6.5	<0.33	<6.5	<5.8
	T-0-3	Once a week*	1.0	<6.7	<6.7	<8.4	–	<7.0	<6.8	<7.3	<6.7	1.0	<7.7	<7.5
	T-A1	Once a week*	0.50	<8.3	<7.2	<7.5	–	<7.5	<8.5	<5.7	<6.8	0.37	<7.5	<7.8
	T-A2	Once a week*	0.56	<8.3	<7.2	<7.5	–	<7.5	<8.4	<5.7	<6.9	<0.31	<7.5	<7.8
	T-A3	Once a week*	0.80	<8.3	<7.2	<7.5	–	<7.5	<8.5	<5.7	<6.8	<0.32	<7.5	<7.8
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	<7.5	<0.34	–	–	–	<6.9	<0.32	–	–
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

：Term of discharge of ALPS treated water (Management number: 23-2-2)

*：Monitored daily for the time being after the commencement of discharge

*1：Detection limit 0.4 Bq/liter

*2：Sampled before 9AM, prior to the completion of the discharge

(Reference) Sea area monitoring history (8/29)

(Unit: Bq/liter)

	Sampling location	Frequency	October, 2023						November, 2023					
			26	27	28	29	30	31	1	1 Normal *2	2 *3	2 Normal *2,3	3	4
In the vicinity of the discharge outlet	T-1	Once a week*	<6.5	<6.4	<7.2	<6.8	<6.4	<7.1	<7.9	<0.32	<6.0	0.35	<8.1	<8.0
	T-2	Once a week*	<6.6	<6.3	<7.2	<6.8	<6.4	<7.1	<7.9	<0.33	<8.3	0.36	<8.1	<8.2
	T-0-1	Once a week*	<7.6	<7.8	<8.3	<7.8	—*1	—*1	<7.8	<0.35	<8.0	<0.36	<6.2	<6.3
	T-0-1A	Once a week*	<7.7	<7.8	<8.3	<7.9	—*1	—*1	<7.8	<0.34	<8.0	6.9	7.1	<6.2
	T-0-2	Once a week*	<7.6	<7.8	<8.3	<7.9	—*1	—*1	<7.8	<0.33	<8.1	<0.37	<6.2	<6.2
	T-0-3A	Once a week*	<6.6	<6.3	<7.3	<6.9	—*1	—*1	<7.9	<0.32	<5.4	<0.26	<8.1	<8.2
	T-0-3	Once a week*	<7.6	<7.8	<8.3	<7.9	—*1	—*1	<7.8	<0.34	<8.0	<0.36	<6.2	<6.2
	T-A1	Once a week*	<6.2	<6.6	<6.6	<6.6	—*1	—*1	<6.6	<0.31	<8.2	<0.31	<5.7	<9.2
	T-A2	Once a week*	<6.2	<6.5	<6.6	<6.6	—*1	—*1	<6.4	<0.31	<8.2	<0.30	<5.7	<9.2
	T-A3	Once a week*	<6.2	<6.6	<6.6	<6.6	—*1	—*1	<6.6	<0.32	<8.2	<0.31	<5.7	<9.2
Outside the vicinity of the discharge outlet	T-D5	Once a week	—	—	—	—	—	—	<7.9	<0.33	—	—	—	—
	T-S3	Once a month	—	—	—	—	—	—	—	—	—	—	—	—
	T-S4	Once a month	—	—	—	—	—	—	—	—	—	—	—	—
	T-S8	Once a month	—	—	—	—	—	—	—	—	—	—	—	—

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

：Term of discharge of ALPS treated water (Management number: 23-3-3)

*：Monitored daily for the time being after the commencement of discharge

*1：Sampling suspended due to bad weather condition

*2：Detection limit 0.4 Bq/liter

*3：Sampled after the commencement of discharge at 2PM

(Reference) Sea area monitoring history (9/29)

(Unit: Bq/liter)

	Sampling location	Frequency	November, 2023											
			5	6	6 Normal *1	7	8	8 Normal *3	9	9 Normal *1	10	11	12	13
In the vicinity of the discharge outlet	T-1	Once a week*	<7.6	<5.6	<0.34	<6.9	<5.5	–	<5.5	–	<6.9	<5.8	<7.0	<6.3
	T-2	Once a week*	<7.5	<5.5	0.38	<6.9	<5.5	–	<5.5	–	<7.0	<5.8	<6.9	<6.3
	T-0-1	Once a week*	<7.5	<7.2	0.36	–*2	<6.7	–	<6.4	–	<8.1	–*2	<4.7	<9.0
	T-0-1A	Once a week*	<7.6	9.0	9.5	–*2	<6.8	–	<6.4	–	11	–*2	<4.6	<9.0
	T-0-2	Once a week*	<7.5	<7.1	<0.31	–*2	<6.7	–	<8.4	–	<8.1	–*2	<4.7	<8.9
	T-0-3A	Once a week*	<7.6	<5.4	0.54	–*2	<5.5	–	<5.6	–	<7.0	–*2	<6.9	<6.3
	T-0-3	Once a week*	<7.5	<7.1	<0.31	–*2	<6.7	–	<6.4	–	<8.1	–*2	<5.1	<9.0
	T-A1	Once a week*	<5.7	<6.5	<0.39	–*2	<7.2	–	<7.5	–	<6.9	–*2	<7.8	<7.6
	T-A2	Once a week*	<5.7	<6.5	<0.38	–*2	<7.2	–	<7.5	–	<6.9	–*2	<7.8	<7.6
	T-A3	Once a week*	<5.7	<6.5	<0.39	–*2	<7.2	–	<7.6	–	<6.8	–*2	<7.8	<7.6
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	–	–	–	<7.5	<0.34	–	–	–	–
	T-S3	Once a month	–	–	–	–	<7.7	0.12	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	<7.7	0.10	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	<7.8	0.097	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

：Term of discharge of ALPS treated water (Management number: 23-3-3)

*：Monitored daily for the time being after the commencement of discharge

*1：Detection limit 0.4 Bq/liter

*2：Sampling suspended due to bad weather condition

*3：Detection limit 0.1 Bq/liter

(Reference) Sea area monitoring history (10/29)

(Unit: Bq/liter)

	Sampling location	Frequency	November, 2023											
			13 Normal *1	14	15	15 Normal *1	16	17	18	19	20 *3	20 Normal *3,4	21	21 Normal *4
In the vicinity of the discharge outlet	T-1	Once a week*	0.25	<5.8	<6.9	–	<8.8	<7.8	<9.3	<6.3	<7.0	1.7	<6.6	–
	T-2	Once a week*	0.25	<5.9	<6.9	–	<8.6	<7.7	<9.3	<6.2	<7.1	0.60	<6.5	–
	T-0-1	Once a week*	0.15	<6.6	<6.2	–	<7.1	<7.9	–*2	<7.4	<8.1	1.2	<7.0	–
	T-0-1A	Once a week*	0.14	7.2	10	–	<7.3	<7.9	–*2	<7.4	<8.1	1.0	<7.0	–
	T-0-2	Once a week*	0.17	<6.5	<6.2	–	7.9	<7.8	–*2	<7.4	<8.1	0.77	<7.1	–
	T-0-3A	Once a week*	0.49	<5.7	<6.9	–	<8.8	<8.0	–*2	<6.3	<7.0	0.87	<6.7	–
	T-0-3	Once a week*	0.44	<6.6	<6.2	–	<7.3	<7.9	–*2	<7.3	<8.1	0.92	<7.2	–
	T-A1	Once a week*	0.082	<6.8	<8.6	–	<8.8	<5.5	–*2	<8.6	<7.3	1.5	<9.0	–
	T-A2	Once a week*	0.16	<6.8	<8.8	–	<8.6	<5.5	–*2	<8.8	<7.2	0.60	<8.9	–
	T-A3	Once a week*	0.15	<7.0	<8.6	–	<8.8	<5.5	–*2	<8.8	<7.2	0.37	<8.9	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	<8.6	0.12	–	–	–	–	–	–	<7.2	<0.33
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

：Term of discharge of ALPS treated water (Management number: 23-3-3)

*：Monitored daily for the time being after the commencement of discharge

*1： Detection limit 0.1 Bq/liter

*2： Sampling suspended due to bad weather condition

*3： Sampled before 8AM, prior to the completion of the discharge

*4： Detection limit 0.4 Bq/liter

(Reference) Sea area monitoring history (11/29)

(Unit: Bq/liter)

	Sampling location	Frequency	November, 2023										December, 2023	
			22	23	24	25	26	27	27 Normal *1	28	29	30	1	2
In the vicinity of the discharge outlet	T-1	Once a week*	<6.5	<5.5	<5.3	<6.3	<7.1	<5.7	<0.34	<5.5	<6.0	<7.4	<4.9	<5.5
	T-2	Once a week*	<6.4	<5.5	<5.2	<6.3	<7.1	<5.8	<0.34	<5.5	<6.0	<7.4	<4.9	<5.5
	T-0-1	Once a week*	<7.1	<6.4	<7.2	<7.3	<8.1	<6.4	0.38	<6.8	<5.9	<7.3	<7.3	<6.8
	T-0-1A	Once a week*	<7.0	<6.4	<7.2	<7.3	<8.2	<6.5	<0.33	<6.7	<5.8	<7.2	<7.2	<6.7
	T-0-2	Once a week*	<7.0	<6.5	<7.3	<7.3	<8.1	<6.5	<0.26	<6.7	<5.8	<7.3	<7.2	<6.7
	T-0-3A	Once a week*	<6.6	<5.5	<5.2	<6.3	<7.1	<5.7	<0.33	<5.5	<6.0	<7.4	<4.9	<5.5
	T-0-3	Once a week*	<7.1	<6.5	<7.3	<7.3	<8.2	<6.4	<0.33	<6.8	<5.9	<7.3	<7.2	<6.7
	T-A1	Once a week*	<7.4	<7.2	<5.7	<5.2	<5.7	<7.8	<0.36	<6.7	<5.9	<6.8	<8.8	<8.1
	T-A2	Once a week*	<7.7	<7.2	<5.7	<5.2	<5.6	<7.8	<0.36	<6.7	<5.9	<6.8	<8.8	<8.1
	T-A3	Once a week*	<7.6	<7.2	<5.6	<5.2	<5.7	<7.8	<0.36	<6.7	<5.9	<6.8	<8.8	<8.1
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	–	–	<7.8	<0.34	–	–	–	–	–
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

*1：Detection limit 0.4 Bq/liter

*：Monitored daily for the time being after the commencement of discharge

[Reference] Sea area monitoring history (12/29)

(Unit: Bq/liter)

	Sampling location	Frequency	December, 2023											
			3	4	4 Normal *1	5	6	7	7 Normal *2	8	9	9 Normal *1	10	11
In the vicinity of the discharge outlet	T-1	Once a week*	<6.7	<6.0	<0.31	<6.3	<5.8	<5.0	–	<5.2	<6.1	–	<6.2	<6.3
	T-2	Once a week*	<6.7	<6.1	<0.31	<6.2	<5.7	<5.0	–	<5.2	<6.1	–	<6.3	<6.2
	T-0-1	Once a week*	<5.1	<5.8	<0.35	<7.5	<8.0	<7.3	–	<6.3	<8.3	–	<4.8	<6.5
	T-0-1A	Once a week*	<5.1	<5.8	<0.33	<7.5	<8.0	<7.3	–	<6.3	<8.4	–	<6.2	<6.5
	T-0-2	Once a week*	<5.1	<5.8	<0.30	<7.5	<7.9	<7.2	–	<6.3	<8.5	–	<4.9	<6.5
	T-0-3A	Once a week*	<6.9	<6.0	<0.33	<6.2	<5.9	<5.0	–	<5.2	<6.0	–	<6.2	<6.3
	T-0-3	Once a week*	<5.1	<5.8	<0.33	<7.4	<8.0	<7.2	–	<6.3	<8.3	–	<7.4	<6.5
	T-A1	Once a week*	<6.1	<8.1	<0.36	<8.4	<5.2	<6.5	–	<8.6	<7.9	–	<6.8	<5.2
	T-A2	Once a week*	<6.1	<8.1	<0.36	<8.3	<7.5	<6.5	–	<8.6	<7.8	–	<6.8	<5.3
	T-A3	Once a week*	<6.1	<8.1	<0.36	<8.3	<5.3	<6.5	–	<8.7	<7.9	–	<6.9	<5.3
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	–	–	–	–	–	<6.0	<0.34	–	–
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	<6.6	0.057	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

*1： Detection limit 0.4 Bq/liter
*2： Detection limit 0.1 Bq/liter

*：Monitored daily for the time being after the commencement of discharge

(Reference) Sea area monitoring history (13/29)

(Unit: Bq/liter)

	Sampling location	Frequency	December, 2023											
			11 Normal *1	12	13	14	14 Normal *1	15	16	17	18	18 Normal *3	19	19 Normal *3
In the vicinity of the discharge outlet	T-1	Once a week*	0.15	<7.0	<6.7	<6.7	–	<6.1	<6.9	<6.5	<5.8	<0.36	<5.7	–
	T-2	Once a week*	0.12	<7.0	<6.7	<6.7	–	<6.1	<6.9	<6.5	<5.8	<0.36	<5.7	–
	T-0-1	Once a week*	0.076	–*2	–*2	<7.0	–	<5.9	<6.8	–*2	<5.8	<0.34	<8.2	–
	T-0-1A	Once a week*	<0.073	–*2	–*2	<5.5	–	<5.8	<6.7	–*2	<5.9	<0.35	<8.2	–
	T-0-2	Once a week*	0.083	–*2	–*2	<5.9	–	<5.9	<6.8	–*2	<5.9	<0.33	<8.2	–
	T-0-3A	Once a week*	<0.074	–*2	–*2	<6.7	–	<6.1	<6.9	–*2	<5.7	<0.34	<5.8	–
	T-0-3	Once a week*	<0.075	–*2	–*2	<8.1	–	<5.9	<7.0	–*2	<5.9	<0.35	<8.2	–
	T-A1	Once a week*	0.095	–*2	–*2	<8.1	–	<6.5	<7.5	–*2	<6.8	<0.36	<7.5	–
	T-A2	Once a week*	0.081	–*2	–*2	<8.1	–	<6.5	<7.5	–*2	<6.8	<0.36	<7.5	–
	T-A3	Once a week*	0.13	–*2	–*2	<8.1	–	<6.5	<7.5	–*2	<6.8	<0.36	<7.5	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	<8.1	0.079	–	–	–	–	–	<7.5	<0.34
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

*：Monitored daily for the time being after the commencement of discharge

*1：Detection limit 0.1 Bq/liter
*2：Sampling suspended due to bad weather condition
*3：Detection limit 0.4 Bq/liter

(Reference) Sea area monitoring history (14/29)

TEPCO

○ For quick tritium measurements taken in the vicinity of the discharge outlet, we changed the frequency in order to place importance on the discharge period from December 26, 2023, and have been continuing the monitoring.

(Unit: Bq/liter)

	Sampling location	Frequency	December, 2023									January, 2024		
			20	20 Normal *1	21	22	23	24	25	25 Normal *2	26	1	3	3 Normal *2
In the vicinity of the discharge outlet	T-1	Once a week*	<6.7	–	<7.2	<6.6	<7.0	<7.1	<6.1	<0.33	<5.0	<5.6	–	<0.33
	T-2	Once a week*	<6.7	–	<7.1	<6.6	<7.0	<7.2	<6.1	<0.33	<4.9	<5.5	–	<0.33
	T-0-1	Once a week*	<7.5	–	<8.0	<7.1	<6.6	<7.3	<7.3	<0.27	<6.9	–*3	<6.5	<0.27
	T-0-1A	Once a week*	<7.5	–	<8.0	<7.1	<6.5	<7.3	<7.3	<0.34	<5.8	–*3	<6.5	<0.35
	T-0-2	Once a week*	<7.5	–	<8.0	<7.1	<6.6	<7.3	<7.3	<0.31	<6.8	–*3	<6.5	<0.32
	T-0-3A	Once a week*	<6.5	–	<7.3	<6.6	<7.0	<7.2	<6.1	<0.34	<5.0	–*3	<8.1	<0.34
	T-0-3	Once a week*	<7.5	–	<8.1	<7.1	<6.5	<7.4	<7.4	<0.34	<7.0	–*3	<6.5	<0.34
	T-A1	Once a week*	<6.5	–	<6.9	<6.1	<6.2	<7.3	<7.8	<0.36	<9.2	–*3	<8.1	<0.37
	T-A2	Once a week*	<6.5	–	<6.9	<6.2	<6.2	<7.2	<7.9	<0.36	<9.2	–*3	<8.1	<0.37
	T-A3	Once a week*	<6.5	–	<6.9	<6.2	<6.2	<7.2	<7.8	<0.36	<9.2	–*3	<8.2	<0.37
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	–	–	–	<7.9	<0.33	–	–	–	–
	T-S3	Once a month	<6.7	0.12	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	<6.7	0.075	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

*1： Detection limit 0.1 Bq/liter
*2： Detection limit 0.4 Bq/liter
*3： Sampling suspended due to bad weather condition

*：Monitored daily for the time being after the commencement of discharge

Monitored daily for the time being after the commencement of discharge. In order to place importance on the discharge period, frequency of the measurement was changed from December 26, 2023 as follows;
4 locations in the vicinity of the discharge outlet (T-0-1, T-0-1A, T-0-2, T-A2) ： Conduct daily during the discharge period and for one week following the completion of discharge
Conduct once a week outside the discharge period, excluding one week following the completion of discharge
Other 6 locations (T-1, T-2, T-0-3A, T-0-3, T-A1, T-A3)： Conduct twice a week during the discharge period and for one week following the completion of discharge
Conduct once a month outside the discharge period, excluding one week following the completion of discharge

(Reference) Sea area monitoring history (15/29)

(Unit: Bq/liter)

	Sampling location	Frequency	January, 2024											
			6	6 Normal *1	8	8 Normal *2	9	9 Normal *2	11	11 Normal *2	15	15 Normal *1	17	17 Normal *2
In the vicinity of the discharge outlet	T-1	Twice a week*	–	–	–	<0.075	–	–	–	–	–	<0.37	–	–
	T-2	Twice a week*	–	–	–	<0.083	–	–	–	–	–	<0.37	–	–
	T-0-1	Once a day*	–	–	<6.5	0.045	–	–	–	–	<6.2	<0.27	–	–
	T-0-1A	Once a day*	–	–	<7.2	0.21	–	–	–	–	<4.2	<0.33	–	–
	T-0-2	Once a day*	–	–	<6.6	<0.082	–	–	–	–	<6.2	<0.31	–	–
	T-0-3A	Twice a week*	–	–	–	0.23	–	–	–	–	–	<0.33	–	–
	T-0-3	Twice a week*	–	–	–	0.16	–	–	–	–	–	<0.33	–	–
	T-A1	Twice a week*	–	–	–	<0.071	–	–	–	–	–	<0.36	–	–
	T-A2	Once a day*	–	–	<7.6	0.11	–	–	–	–	<4.2	<0.36	–	–
	T-A3	Twice a week*	–	–	–	0.079	–	–	–	–	–	<0.36	–	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	<8.1	<0.35	–	–	<7.0	0.097	–	–	–	–	–	–
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	<7.8	0.14
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	<7.7	<0.068
	T-S8	Once a month	–	–	–	–	–	–	<6.8	0.053	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

*1： Detection limit 0.4 Bq/liter
*2： Detection limit 0.1 Bq/liter

*： 4 locations in the vicinity of the discharge outlet： Conduct daily during the discharge period and for one week following the completion of discharge
Conduct once a week outside the discharge period, excluding one week following the completion of discharge
Other 6 locations： Conduct twice a week during the discharge period and for one week following the completion of discharge
Conduct once a month outside the discharge period, excluding one week following the completion of discharge

(Reference) Sea area monitoring history (16/29)

(Unit: Bq/liter)

	Sampling location	Frequency	January, 2024				February, 2024							
			24	24 Normal *1	29	29 Normal *1	5	5 Normal *1	7	7 Normal *2	12	12 Normal *2	13	13 Normal *2
In the vicinity of the discharge outlet	T-1	Twice a week*	–	<0.37	–	<0.34	<6.1	<0.33	–	–	–	0.12	–	–
	T-2	Twice a week*	–	<0.37	–	<0.35	<6.1	<0.33	–	–	–	<0.074	–	–
	T-0-1	Once a day*	<7.8	<0.37	<5.9	<0.29	<7.7	<0.34	–	–	<7.0	0.048	–	–
	T-0-1A	Once a day*	<7.3	<0.34	<7.6	<0.33	<7.6	<0.32	–	–	<6.6	0.081	–	–
	T-0-2	Once a day*	<7.7	<0.32	<8.2	<0.38	<7.6	<0.36	–	–	<7.1	<0.072	–	–
	T-0-3A	Twice a week*	–	<0.33	–	<0.33	<6.0	<0.32	–	–	–	<0.072	–	–
	T-0-3	Twice a week*	–	<0.33	–	<0.33	<7.5	<0.34	–	–	–	<0.071	–	–
	T-A1	Twice a week*	–	<0.37	–	<0.35	<7.0	<0.36	–	–	–	<0.073	–	–
	T-A2	Once a day*	<7.3	<0.37	<7.6	<0.35	<6.8	<0.36	–	–	<6.7	<0.068	–	–
	T-A3	Twice a week*	–	<0.37	–	<0.35	<6.9	<0.36	–	–	–	<0.068	–	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	<6.9	<0.33	<6.1	<0.33	–	–	–	–	<8.1	<0.072
	T-S3	Once a month	–	–	–	–	–	–	<6.2	<0.068	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	<6.1	0.071	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

*1： Detection limit 0.4 Bq/liter
*2： Detection limit 0.1 Bq/liter

*： 4 locations in the vicinity of the discharge outlet： Conduct daily during the discharge period and for one week following the completion of discharge
Conduct once a week outside the discharge period, excluding one week following the completion of discharge
Other 6 locations： Conduct twice a week during the discharge period and for one week following the completion of discharge
Conduct once a month outside the discharge period, excluding one week following the completion of discharge

(Reference) Sea area monitoring history (17/29)

(Unit: Bq/liter)

	Sampling location	Frequency	February, 2024								March, 2024			
			19	19 Normal *1	21	21 Normal *1	26	26 Normal *1	28	29	1	1 Normal *1	2	3
In the vicinity of the discharge outlet	T-1	Twice a week*	–	<0.32	–	–	–	<0.34	–*2	<6.9	<9.3	<0.34	–	–
	T-2	Twice a week*	–	<0.31	–	–	–	<0.33	–*2	<6.8	<9.2	<0.33	–	–
	T-0-1	Once a day*	<6.6	<0.27	–	–	<7.9	<0.27	–*2	–*2	<6.5	<0.35	–*2	<7.3
	T-0-1A	Once a day*	<6.4	<0.32	–	–	<7.9	<0.33	–*2	–*2	<6.4	<0.34	–*2	12
	T-0-2	Once a day*	<6.5	<0.37	–	–	<7.9	<0.36	–*2	–*2	<9.5	<0.36	–*2	<7.8
	T-0-3A	Twice a week*	–	<0.33	–	–	–	<0.32	–*2	–*2	<8.2	<0.34	–	–
	T-0-3	Twice a week*	–	<0.33	–	–	–	<0.32	–*2	–*2	<6.6	<0.34	–	–
	T-A1	Twice a week*	–	<0.36	–	–	–	<0.35	–*2	–*2	<7.8	<0.37	–	–
	T-A2	Once a day*	<6.8	<0.36	–	–	<7.9	<0.35	–*2	–*2	<7.8	<0.37	–*2	<8.2
	T-A3	Twice a week*	–	<0.36	–	–	–	<0.35	–*2	–*2	<7.8	<0.37	–	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	<5.5	<0.34	–	–	–*2	–	–*2	–*2	–	–
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–*2	–*2	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

：Term of discharge of ALPS treated water (Management number: 23-4-4)

*1： Detection limit 0.4 Bq/liter

*2： Sampling suspended due to bad weather condition

*： 4 locations in the vicinity of the discharge outlet： Conduct daily during the discharge period and for one week following the completion of discharge
Conduct once a week outside the discharge period, excluding one week following the completion of discharge

Other 6 locations： Conduct twice a week during the discharge period and for one week following the completion of discharge
Conduct once a month outside the discharge period, excluding one week following the completion of discharge

(Reference) Sea area monitoring history (18/29)

(Unit: Bq/liter)

	Sampling location	Frequency	March, 2024											
			4	4 Normal *1,2	5	6	7	8	9	10	11	11 Normal *2	12	13
In the vicinity of the discharge outlet	T-1	Twice a week*	<7.4	0.50	–	–	<8.1	<7.2	<6.7	<6.4	<6.1	1.2	–	–
	T-2	Twice a week*	<7.4	0.33	–	–	<8.1	<7.4	<6.7	<6.3	<6.1	0.31	–	–
	T-0-1	Once a day*	<9.0	<0.36	<7.9	–*3	–*3	–*3	–*3	–*3	<6.8	0.51	<8.8	–*3
	T-0-1A	Once a day*	<6.9	<0.34	16	–*3	–*3	–*3	–*3	–*3	9.5	6.6	<7.5	–*3
	T-0-2	Once a day*	<9.0	<0.36	<8.0	–*3	–*3	–*3	–*3	–*3	<6.1	0.20	<7.6	–*3
	T-0-3A	Twice a week*	<9.0	3.6	–	–	–*3	–*3	–*3	–*3	<6.8	<0.066	–	–
	T-0-3	Twice a week*	<9.1	1.1	–	–	–*3	–*3	–*3	–*3	<6.9	0.086	–	–
	T-A1	Twice a week*	<6.8	0.58	–	–	–*3	–*3	–*3	–*3	<7.1	<0.072	–	–
	T-A2	Once a day*	<6.9	<0.36	<7.9	–*3	–*3	–*3	–*3	–*3	<7.0	0.10	<7.5	–*3
	T-A3	Twice a week*	<6.9	<0.36	–	–	–*3	–*3	–*3	–*3	<6.9	0.11	–	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	<8.8	<0.33	–	–	–	–	–	–	<6.9	<0.067	–	–
	T-S3	Once a month	<6.8	<0.068	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	<6.9	<0.069	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	<9.1	0.11	–	–	–	–	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

：Term of discharge of ALPS treated water (Management number: 23-4-4)

*1： Detection limit 0.4 Bq/liter
*2： Detection limit 0.1 Bq/liter
*3：Sampling suspended due to bad weather condition

*： 4 locations in the vicinity of the discharge outlet： Conduct daily during the discharge period and for one week following the completion of discharge
Conduct once a week outside the discharge period, excluding one week following the completion of discharge
Other 6 locations： Conduct twice a week during the discharge period and for one week following the completion of discharge
Conduct once a month outside the discharge period, excluding one week following the completion of discharge

(Reference) Sea area monitoring history (19/29)

(Unit: Bq/liter)

	Sampling location	Frequency	March, 2024											
			14	15 Normal *1	16	17 Normal *2	18	19	19 Normal *4	20	21	22	23	24
In the vicinity of the discharge outlet	T-1	Twice a week*	<8.0	–	–	–	–*3	<6.7	<0.32	–	<6.3	–	<6.2	–
	T-2	Twice a week*	<8.0	–	–	–	–*3	<6.8	<0.33	–	<6.4	–	<6.1	–
	T-0-1	Once a day*	<7.1	<6.6	<7.1	<6.2	–*3	<5.8	<0.27	<7.6	–*3	–*3	–*3	<7.6
	T-0-1A	Once a day*	<6.9	<6.1	<7.2	<7.7	–*3	<5.9	<0.34	<7.6	–*3	–*3	–*3	<5.5
	T-0-2	Once a day*	<6.9	<6.1	<7.3	<7.7	–*3	<5.7	<0.29	<7.6	–*3	–*3	–*3	<7.4
	T-0-3A	Twice a week*	<8.3	–	–	–	–*3	<5.9	<0.34	–	–*3	–*3	–*3	<5.4
	T-0-3	Twice a week*	<7.0	–	–	–	–*3	<5.9	<0.33	–	–*3	–*3	–*3	<7.5
	T-A1	Twice a week*	<8.4	–	–	–	–*3	<7.6	<0.36	–	–*3	–*3	–*3	<6.9
	T-A2	Once a day*	<8.4	<6.1	<7.3	<7.6	–*3	<7.5	<0.36	<7.5	–*3	–*3	–*3	<6.7
	T-A3	Twice a week*	<8.3	–	–	–	–*3	<7.5	<0.36	–	–*3	–*3	–*3	<6.9
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	–	–*3	<6.9	<0.33	–	–	–	–	–
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

：Term of discharge of ALPS treated water (Management number: 23-4-4)

*1： Sampled during the suspension due to the earthquake
*2： Sampled before 8AM, prior to the completion of the discharge
*3： Sampling suspended due to bad weather condition
*4： Detection limit 0.4 Bq/liter

*： 4 locations in the vicinity of the discharge outlet： Conduct daily during the discharge period and for one week following the completion of discharge
Conduct once a week outside the discharge period, excluding one week following the completion of discharge
Other 6 locations： Conduct twice a week during the discharge period and for one week following the completion of discharge
Conduct once a month outside the discharge period, excluding one week following the completion of discharge

(Reference) Sea area monitoring history (20/29)

(Unit: Bq/liter)

	Sampling location	Frequency	March, 2024				April, 2024							
			25	25 Normal *1,2	28	28 Normal *1	1	1 Normal *1	2	2 Normal *1	8	8 Normal *2	11	11 Normal *2
In the vicinity of the discharge outlet	T-1	Twice a week*	<5.8	<0.33	–	–	<6.7	<0.32	–	–	–	being measured	–	–
	T-2	Twice a week*	<5.9	<0.34	–	–	<6.8	<0.32	–	–	–	being measured	–	–
	T-0-1	Once a day*	<6.4	<0.33	–	–	<8.0	<0.34	–	–	<5.7	0.076	–	–
	T-0-1A	Once a day*	<7.2	<0.33	–	–	<8.0	<0.32	–	–	<7.0	<0.069	–	–
	T-0-2	Once a day*	<6.5	<0.30	–	–	<8.1	<0.31	–	–	<5.7	being measured	–	–
	T-0-3A	Twice a week*	<6.8	<0.33	–	–	<6.9	<0.33	–	–	–	<0.071	–	–
	T-0-3	Twice a week*	<7.2	<0.33	–	–	<8.0	<0.33	–	–	–	0.14	–	–
	T-A1	Twice a week*	<6.7	0.39	–	–	<6.9	0.34	–	–	–	<0.073	–	–
	T-A2	Once a day*	<6.7	<0.34	–	–	<6.9	<0.34	–	–	<7.0	<0.073	–	–
	T-A3	Twice a week*	<7.2	0.34	–	–	<7.0	<0.34	–	–	–	<0.073	–	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	<5.9	<0.32	–	–	<7.5	<0.33	<5.7	<0.070	–	–
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	<6.5	<0.073
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	<6.6	<0.072
	T-S8	Once a month	<7.1	0.039	–	–	–	–	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

*1： Detection limit 0.4 Bq/liter
*2： Detection limit 0.1 Bq/liter

*： 4 locations in the vicinity of the discharge outlet： Conduct daily during the discharge period and for one week following the completion of discharge
Conduct once a week outside the discharge period, excluding one week following the completion of discharge
Other 6 locations： Conduct twice a week during the discharge period and for one week following the completion of discharge
Conduct once a month outside the discharge period, excluding one week following the completion of discharge

(Reference) Sea area monitoring history (21/29)

(Unit: Bq/liter)

	Sampling location	Frequency	April, 2024											
			15	15 Normal *1,2	19 *3	19 Normal *1,3	20	20 Normal *1	21	22	22 Normal *1	23	23 Normal *2	24
In the vicinity of the discharge outlet	T-1	Twice a week*	–	0.33	<6.0	<0.34	–	–	–	<9.6	<0.32	–	–	–
	T-2	Twice a week*	–	<0.30	<6.1	<0.34	–	–	–	<9.4	<0.32	–	–	–
	T-0-1	Once a day*	<7.7	<0.32	–*4	–*4	<7.8	<0.33	<7.5	<6.5	<0.32	<7.6	–	<5.7
	T-0-1A	Once a day*	<7.7	<0.33	–*4	–*4	<6.9	<0.34	<7.5	<6.6	<0.34	<5.6	–	<5.7
	T-0-2	Once a day*	<7.7	<0.34	–*4	–*4	<7.8	1.3	<7.5	<6.5	2.5	<5.6	–	<5.8
	T-0-3A	Twice a week*	–	<0.34	–*4	–*4	<6.9	0.91	–	<7.1	<0.34	–	–	–
	T-0-3	Twice a week*	–	<0.33	–*4	–*4	<7.9	0.70	–	<6.5	<0.34	–	–	–
	T-A1	Twice a week*	–	<0.35	–*4	–*4	<6.4	<0.36	–	<6.9	<0.35	–	–	–
	T-A2	Once a day*	<7.7	<0.35	–*4	–*4	<6.6	2.9	<7.5	<7.0	0.79	<5.6	–	<6.4
	T-A3	Twice a week*	–	<0.35	–*4	–*4	<6.4	<0.36	–	<7.0	3.2	–	–	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	<8.0	<0.33	–	–	–	–	–	<9.4	<0.34	–	–	–
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	<6.6	being measured	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	<6.5	being measured	–
	T-S8	Once a month	<8.0	0.058	–	–	–	–	–	–	–	<6.5	being measured	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

：Term of discharge of ALPS treated water (Management number: 24-1-5)

*1： Detection limit 0.4 Bq/liter
*2： Detection limit 0.1 Bq/liter
*3： Sampled after the commencement of discharge at 2PM
*4： Sampling suspended due to bad weather condition

*： 4 locations in the vicinity of the discharge outlet： Conduct daily during the discharge period and for one week following the completion of discharge
Conduct once a week outside the discharge period, excluding one week following the completion of discharge
Other 6 locations： Conduct twice a week during the discharge period and for one week following the completion of discharge
Conduct once a month outside the discharge period, excluding one week following the completion of discharge

(Reference) Sea area monitoring history (22/29)

(Unit: Bq/liter)

	Sampling location	Frequency	April, 2024							May, 2024				
			25	26	27	28	29	29 Normal *1	30	1	2	3	4	5
In the vicinity of the discharge outlet	T-1	Twice a week*	<7.7	–	–	–	<6.1	0.62	–	–	<6.6	–	–	–
	T-2	Twice a week*	<7.8	–	–	–	<6.1	0.51	–	–	<6.6	–	–	–
	T-0-1	Once a day*	<7.3	<6.4	<9.4	<7.9	<6.9	0.48	<5.6	<9.0	<6.8	<8.1	<7.3	<7.6
	T-0-1A	Once a day*	<7.3	<6.5	<9.5	<7.8	<7.0	1.2	<5.6	<7.4	<6.8	29	<6.5	<7.7
	T-0-2	Once a day*	<7.3	<6.4	<9.4	<7.9	<6.9	<0.34	<5.6	<9.0	<6.8	<8.1	<6.4	<7.7
	T-0-3A	Twice a week*	<5.2	–	–	–	<6.3	<0.33	–	–	<5.8	–	–	–
	T-0-3	Twice a week*	<7.3	–	–	–	<6.9	<0.33	–	–	<6.7	–	–	–
	T-A1	Twice a week*	<7.7	–	–	–	<6.3	<0.36	–	–	<5.8	–	–	–
	T-A2	Once a day*	<5.2	<7.2	<6.3	<7.6	<6.3	<0.36	<5.6	<7.4	<5.8	<6.5	<6.4	<5.0
	T-A3	Twice a week*	<5.2	–	–	–	<6.4	<0.36	–	–	<5.8	–	–	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	–	<6.4	<0.33	–	–	–	–	–	–
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

*1： Detection limit 0.4 Bq/liter

：Term of discharge of ALPS treated water (Management number: 24-1-5)

*： 4 locations in the vicinity of the discharge outlet： Conduct daily during the discharge period and for one week following the completion of discharge
Conduct once a week outside the discharge period, excluding one week following the completion of discharge

Other 6 locations： Conduct twice a week during the discharge period and for one week following the completion of discharge
Conduct once a month outside the discharge period, excluding one week following the completion of discharge

(Reference) Sea area monitoring history (23/29)

(Unit: Bq/liter)

	Sampling location	Frequency	May, 2024											
			6	6 Normal *1	7 *2	8	8 Normal *3	9	10	11	12	13	14	14 Normal *3
In the vicinity of the discharge outlet	T-1	Twice a week*	<5.1	<0.32	–	–	–	<9.3	–	–	–	<5.8	–	being measured
	T-2	Twice a week*	<5.1	0.51	–	–	–	<9.4	–	–	–	<5.8	–	being measured
	T-0-1	Once a day*	<5.8	<0.30	<4.9	<6.2	–	<5.5	<7.9	<6.6	<7.5	–*4	<6.2	being measured
	T-0-1A	Once a day*	13	9.4	<7.6	<6.2	–	<5.5	<6.3	<5.5	<7.5	–*4	<7.7	being measured
	T-0-2	Once a day*	<5.9	<0.34	<7.6	<6.2	–	<5.5	<7.9	<6.5	<7.5	–*4	<6.2	being measured
	T-0-3A	Twice a week*	<6.3	<0.33	–	–	–	<5.3	–	–	–	–*4	<7.1	being measured
	T-0-3	Twice a week*	<5.8	<0.33	–	–	–	<5.4	–	–	–	–*4	<6.2	being measured
	T-A1	Twice a week*	<6.2	1.8	–	–	–	<5.3	–	–	–	–*4	<6.4	0.080
	T-A2	Once a day*	<6.2	<0.35	<7.6	<7.8	–	<5.3	<6.2	<5.5	<9.2	–*4	<7.7	<0.071
	T-A3	Twice a week*	<6.3	<0.35	–	–	–	<5.2	–	–	–	–*4	<7.7	<0.071
Outside the vicinity of the discharge outlet	T-D5	Once a week	<5.1	<0.33	–	–	–	–	–	–	–	–*4	<6.4	being measured
	T-S3	Once a month	–	–	–	<7.7	being measured	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	<7.6	being measured	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

：Term of discharge of ALPS treated water (Management number: 24-1-5)

*1： Detection limit 0.4 Bq/liter
*2： Sampled before 8AM, prior to the completion of the discharge
*3： Detection limit 0.1 Bq/liter
*4： Sampling suspended due to bad weather condition

*： 4 locations in the vicinity of the discharge outlet： Conduct daily during the discharge period and for one week following the completion of discharge
Conduct once a week outside the discharge period, excluding one week following the completion of discharge
Other 6 locations： Conduct twice a week during the discharge period and for one week following the completion of discharge
Conduct once a month outside the discharge period, excluding one week following the completion of discharge

(Reference) Sea area monitoring history (24/29)

(Unit: Bq/liter)

	Sampling location	Frequency	May, 2024											
			17 *1	17 Normal *1,2	18	19	20	20 Normal *2	21	22	22 Normal *3	23	24	25
In the vicinity of the discharge outlet	T-1	Twice a week*	<5.7	<0.36	–	–	<7.2	<0.31	–	–	–	<7.3	–	–
	T-2	Twice a week*	<5.8	<0.36	–	–	<7.3	<0.30	–	–	–	<7.3	–	–
	T-0-1	Once a day*	<8.9	<0.37	<7.9	<7.0	<6.5	<0.38	<7.3	<6.5	–	<5.6	<6.4	<6.0
	T-0-1A	Once a day*	<8.8	1.1	<7.9	<6.9	<6.5	<0.33	<6.9	<6.4	–	<5.5	<6.2	<6.9
	T-0-2	Once a day*	<8.9	<0.32	<7.9	<7.0	<6.5	0.82	<7.0	7.7	–	<5.5	<6.1	<6.9
	T-0-3A	Twice a week*	<6.3	<0.34	–	–	<6.9	<0.33	–	–	–	<6.1	–	–
	T-0-3	Twice a week*	<8.9	<0.35	–	–	<6.5	<0.33	–	–	–	<5.6	–	–
	T-A1	Twice a week*	<6.2	<0.35	–	–	<6.9	0.38	–	–	–	<6.1	–	–
	T-A2	Once a day*	<6.3	<0.35	<7.9	<6.7	<6.8	1.4	<6.9	<6.4	–	<6.0	<6.2	<6.9
	T-A3	Twice a week*	<6.2	<0.35	–	–	<6.9	0.78	–	–	–	<6.2	–	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	–	<7.2	<0.33	–	–	–	–	–	–
	T-S3	Once a month	–	–	–	–	–	–	–	<5.5	being measured	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	<5.5	being measured	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	<5.5	being measured	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

：Term of discharge of ALPS treated water (Management number: 24-2-6)

*1： Sampled after the commencement of discharge at 1PM
*2： Detection limit 0.4 Bq/liter
*3： Detection limit 0.1 Bq/liter

*： 4 locations in the vicinity of the discharge outlet： Conduct daily during the discharge period and for one week following the completion of discharge
Conduct once a week outside the discharge period, excluding one week following the completion of discharge
Other 6 locations： Conduct twice a week during the discharge period and for one week following the completion of discharge
Conduct once a month outside the discharge period, excluding one week following the completion of discharge

(Reference) Sea area monitoring history (25/29)

(Unit: Bq/liter)

	Sampling location	Frequency	May, 2024							June, 2024				
			26	27	28	28 Normal *2	29	30	31	1	2	3	3 Normal *2	4
In the vicinity of the discharge outlet	T-1	Twice a week*	–	<8.4	–	<0.31	–	<7.9	–	–	–	<5.8	<0.30	–
	T-2	Twice a week*	–	<8.4	–	<0.30	–	<7.9	–	–	–	<5.9	<0.29	–
	T-0-1	Once a day*	<7.4	–*1	<6.3	<0.37	<6.6	<7.2	<6.7	<5.9	<6.5	<5.9	<0.36	–*1
	T-0-1A	Once a day*	<7.4	–*1	<6.9	<0.34	<5.5	<7.2	<6.7	<6.0	<6.4	<6.3	<0.34	–*1
	T-0-2	Once a day*	<7.4	–*1	<6.9	0.44	<6.6	<7.6	<6.7	<5.9	<6.5	<6.3	1.4	–*1
	T-0-3A	Twice a week*	–	–*1	<8.2	0.41	–	<6.3	–	–	–	<6.3	<0.35	–
	T-0-3	Twice a week*	–	–*1	<8.1	0.86	–	<7.3	–	–	–	<6.3	0.45	–
	T-A1	Twice a week*	–	–*1	<8.1	0.50	–	<6.2	–	–	–	<7.0	<0.35	–
	T-A2	Once a day*	<8.3	–*1	<6.8	0.36	<5.5	<6.3	<6.8	<7.0	<6.9	<7.0	<0.35	–*1
	T-A3	Twice a week*	–	–*1	<6.9	<0.35	–	<7.3	–	–	–	<6.9	<0.35	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	<6.4	<0.33	–	–	–	–	–	<7.0	<0.35	–
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

：Term of discharge of ALPS treated water (Management number: 24-2-6)

*1： Sampling suspended due to bad weather condition

*2： Detection limit 0.4 Bq/liter

*： 4 locations in the vicinity of the discharge outlet： Conduct daily during the discharge period and for one week following the completion of discharge
Conduct once a week outside the discharge period, excluding one week following the completion of discharge

Other 6 locations： Conduct twice a week during the discharge period and for one week following the completion of discharge
Conduct once a month outside the discharge period, excluding one week following the completion of discharge

(Reference) Sea area monitoring history (26/29)

(Unit: Bq/liter)

	Sampling location	Frequency	June, 2024											
			5	6	7	8	9	10	10 Normal *1	11	12	12 Normal *1	17	17 Normal *1,2
In the vicinity of the discharge outlet	T-1	Twice a week*	–	<9.2	–	–	–	<6.8	being measured	–	–	–	–	<0.30
	T-2	Twice a week*	–	<9.2	–	–	–	<6.8	being measured	–	–	–	–	<0.30
	T-0-1	Once a day*	<7.4	<9.2	<6.6	<6.6	<6.9	<6.8	being measured	<7.8	–	–	<9.0	<0.34
	T-0-1A	Once a day*	<7.4	<7.3	<6.8	<6.6	<6.9	<6.5	being measured	<7.8	–	–	<9.0	<0.34
	T-0-2	Once a day*	<7.5	<9.4	<6.8	<6.6	<6.8	<6.6	being measured	<7.8	–	–	<9.0	<0.32
	T-0-3A	Twice a week*	–	<7.3	–	–	–	<6.6	being measured	–	–	–	–	<0.33
	T-0-3	Twice a week*	–	<7.3	–	–	–	<6.5	being measured	–	–	–	–	<0.34
	T-A1	Twice a week*	–	<5.8	–	–	–	<6.4	<0.071	–	–	–	–	<0.36
	T-A2	Once a day*	<7.4	<5.8	<6.9	<6.6	<6.8	<6.4	0.077	<7.8	–	–	<5.3	<0.37
	T-A3	Twice a week*	–	<5.9	–	–	–	<6.4	<0.071	–	–	–	–	<0.36
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	–	–	<6.8	being measured	–	–	–	<5.3	being measured
	T-S3	Once a month	–	–	–	–	–	–	–	–	<6.0	being measured	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	<6.0	being measured	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	–	<5.4	being measured

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

*1： Detection limit 0.1 Bq/liter
*2： Detection limit 0.4 Bq/liter

*： 4 locations in the vicinity of the discharge outlet： Conduct daily during the discharge period and for one week following the completion of discharge
Conduct once a week outside the discharge period, excluding one week following the completion of discharge
Other 6 locations： Conduct twice a week during the discharge period and for one week following the completion of discharge
Conduct once a month outside the discharge period, excluding one week following the completion of discharge

(Reference) Sea area monitoring history (27/29)

(Unit: Bq/liter)

	Sampling location	Frequency	June, 2024						July, 2024					
			24	24 Normal *1	28 *2	28 Normal *1,2	29	30	1	1 Normal *1	2	3	3 Normal *3	4
In the vicinity of the discharge outlet	T-1	Twice a week*	–	<0.31	<7.6	being measured	–	–	<6.3	being measured	–	–	–	<5.3
	T-2	Twice a week*	–	<0.32	<7.6	being measured	–	–	<6.3	being measured	–	–	–	<5.3
	T-0-1	Once a day*	<6.1	<0.34	<6.8	being measured	<7.4	<6.1	<7.1	being measured	<8.0	<5.7	–	<6.1
	T-0-1A	Once a day*	<6.0	<0.34	18	being measured	<7.4	<7.6	<7.0	being measured	<6.2	17	–	<6.1
	T-0-2	Once a day*	<5.9	<0.34	<7.6	being measured	<7.6	<6.1	<7.0	being measured	<8.0	<5.7	–	<6.1
	T-0-3A	Twice a week*	–	<0.34	<6.8	being measured	–	–	<6.2	being measured	–	–	–	<6.6
	T-0-3	Twice a week*	–	<0.34	<6.8	being measured	–	–	<7.0	being measured	–	–	–	<6.1
	T-A1	Twice a week*	–	<0.36	<7.2	being measured	–	–	<6.2	being measured	–	–	–	<6.6
	T-A2	Once a day*	<8.1	<0.37	<7.2	being measured	<7.4	<7.5	<6.2	being measured	<6.2	<6.1	–	<6.6
	T-A3	Twice a week*	–	<0.37	<7.2	being measured	–	–	<6.1	being measured	–	–	–	<6.6
Outside the vicinity of the discharge outlet	T-D5	Once a week	<8.1	being measured	–	–	–	–	<6.3	being measured	–	–	–	–
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	<6.1	being measured	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	<6.1	being measured	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	–	–	<5.3

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

：Term of discharge of ALPS treated water (Management number: 24-3-7)

*1： Sampling suspended due to bad weather condition

*2： Sampled after the commencement of discharge at 2PM

*3： Detection limit 0.4 Bq/liter

*： 4 locations in the vicinity of the discharge outlet： Conduct daily during the discharge period and for one week following the completion of discharge
Conduct once a week outside the discharge period, excluding one week following the completion of discharge

Other 6 locations： Conduct twice a week during the discharge period and for one week following the completion of discharge
Conduct once a month outside the discharge period, excluding one week following the completion of discharge

(Reference) Sea area monitoring history (28/29)

(Unit: Bq/liter)

	Sampling location	Frequency	July, 2024											
			4 Normal *1	5	6	7	8	8 Normal *1	9	10	11	12	13	14
In the vicinity of the discharge outlet	T-1	Twice a week*	–	–	–	–	<7.1	being measured	–	–	<6.7	–	–	–
	T-2	Twice a week*	–	–	–	–	<7.0	being measured	–	–	<6.7	–	–	–
	T-0-1	Once a day*	–	<6.0	<6.2	<8.2	<6.9	being measured	<6.4	<6.4	<6.7	<9.0	<8.0	<7.4
	T-0-1A	Once a day*	–	<8.6	<7.6	<7.7	<6.8	being measured	<6.7	<7.8	8.8	<8.5	<7.6	<7.6
	T-0-2	Once a day*	–	<6.1	<6.1	<8.2	<6.8	being measured	<6.4	<6.4	<7.4	<9.1	<5.7	<7.4
	T-0-3A	Twice a week*	–	–	–	–	<7.0	being measured	–	–	<7.6	–	–	–
	T-0-3	Twice a week*	–	–	–	–	<6.7	being measured	–	–	<7.4	–	–	–
	T-A1	Twice a week*	–	–	–	–	<6.9	being measured	–	–	<7.7	–	–	–
	T-A2	Once a day*	–	<8.5	<7.7	<7.7	<6.9	being measured	<6.7	<7.7	<7.6	<8.4	<7.6	<7.7
	T-A3	Twice a week*	–	–	–	–	<6.9	being measured	–	–	<7.6	–	–	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	–	<7.0	being measured	–	–	–	–	–	–
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	being measured	–	–	–	–	–	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

*1： Detection limit 0.1 Bq/liter

：Term of discharge of ALPS treated water (Management number: 24-3-7)

*： 4 locations in the vicinity of the discharge outlet： Conduct daily during the discharge period and for one week following the completion of discharge
Conduct once a week outside the discharge period, excluding one week following the completion of discharge

Other 6 locations： Conduct twice a week during the discharge period and for one week following the completion of discharge
Conduct once a month outside the discharge period, excluding one week following the completion of discharge

(Reference) Sea area monitoring history (29/29)

(Unit: Bq/liter)

	Sampling location	Frequency	July, 2024							
			15	15 Normal *1	16 *2	17	18	19	20	21
In the vicinity of the discharge outlet	T-1	Twice a week*	<6.7	being measured	–	–	<4.6	–	–	–
	T-2	Twice a week*	<6.7	being measured	–	–	<4.6	–	–	–
	T-0-1	Once a day*	<6.4	being measured	<5.5	<7.7	<8.0	<7.0	<8.5	<5.9
	T-0-1A	Once a day*	<6.8	being measured	<7.3	<7.7	<8.0	<7.1	<8.6	<5.9
	T-0-2	Once a day*	<6.5	being measured	<5.4	<7.7	<8.0	<7.3	<8.3	<5.9
	T-0-3A	Twice a week*	<6.7	being measured	–	–	<6.0	–	–	–
	T-0-3	Twice a week*	<6.4	being measured	–	–	<8.0	–	–	–
	T-A1	Twice a week*	<8.8	being measured	–	–	<6.1	–	–	–
	T-A2	Once a day*	<8.8	being measured	<7.3	<7.7	<6.1	<7.0	<8.5	<5.8
	T-A3	Twice a week*	<8.8	being measured	–	–	<4.6	–	–	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	<8.9	being measured	–	–	–	–	–	–
	T-S3	Once a month	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–

※：A “less than” symbol (<) indicates that the analysis result was less than the detection limit.

：Term of discharge of ALPS treated water (Management number: 24-3-7)

*1： Detection limit 0.4 Bq/liter

*2： Sampled before 8AM, prior to the completion of the discharge

*： 4 locations in the vicinity of the discharge outlet： Conduct daily during the discharge period and for one week following the completion of discharge
Conduct once a week outside the discharge period, excluding one week following the completion of discharge

Other 6 locations： Conduct twice a week during the discharge period and for one week following the completion of discharge
Conduct once a month outside the discharge period, excluding one week following the completion of discharge