ALPS Treated Water Discharge Status Update

December 26, 2024

TEPCO

Tokyo Electric Power Company Holdings, Inc.

Report contents

1. Monitoring history regarding discharge

2. Status of the facility inspection

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

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

1. Monitoring history regarding discharge

2. Status of the facility inspection

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

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

1-1. Sea area monitoring history (1/2)

◯ After the completion of the discharge of management number 24-6-10, measurement results of tritium concentrations in water sampled at 10 locations in the vicinity of the discharge outlet (within 3km of the power station) and 4 locations outside of the vicinity of the discharge outlet (within a 10km square in front of the power station) are all below indices (discharge suspension level and investigation level).

(Unit: Bq/liter)

	Sampling location	Frequency	November 2024								
			5	6	7	8	9	10	11	14	18
In the vicinity of the discharge outlet	T-1	Twice a week*1	–	–	<6.5	–	–	–	<6.3	–	–
	T-2	Twice a week*1	–	–	<6.5	–	–	–	<6.3	–	–
	T-0-1	Once a day*2	<6.9	<8.1	<6.6	<6.4	<7.4	<5.5	<6.3	–	<6.5
	T-0-1A	Once a day*2	<6.9	<8.2	<5.7	<6.4	<7.4	<5.5	<7.9	–	<6.6
	T-0-2	Once a day*2	<6.9	<8.1	<6.5	<6.4	<7.4	<5.5	<6.3	–	<6.6
	T-0-3A	Twice a week*1	–	–	<5.7	–	–	–	<5.0	–	–
	T-0-3	Twice a week*1	–	–	<5.7	–	–	–	<5.0	–	–
	T-A1	Twice a week*1	–	–	<8.3	–	–	–	<7.4	–	–
	T-A2	Once a day*2	<6.9	<5.7	<8.3	<6.4	<7.4	<5.5	<7.4	–	<5.9
	T-A3	Twice a week*1	–	–	<8.3	–	–	–	<7.4	–	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	–	–	–	<5.0	–	<5.9
	T-S3	Once a month	–	<5.7	–	–	–	–	–	<5.3	–
	T-S4	Once a month	–	<5.7	–	–	–	–	–	<5.3	–
	T-S8	Once a month	–	–	–	–	–	–	–	<5.3	–

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

*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

1-1. Sea area monitoring history (1/2)

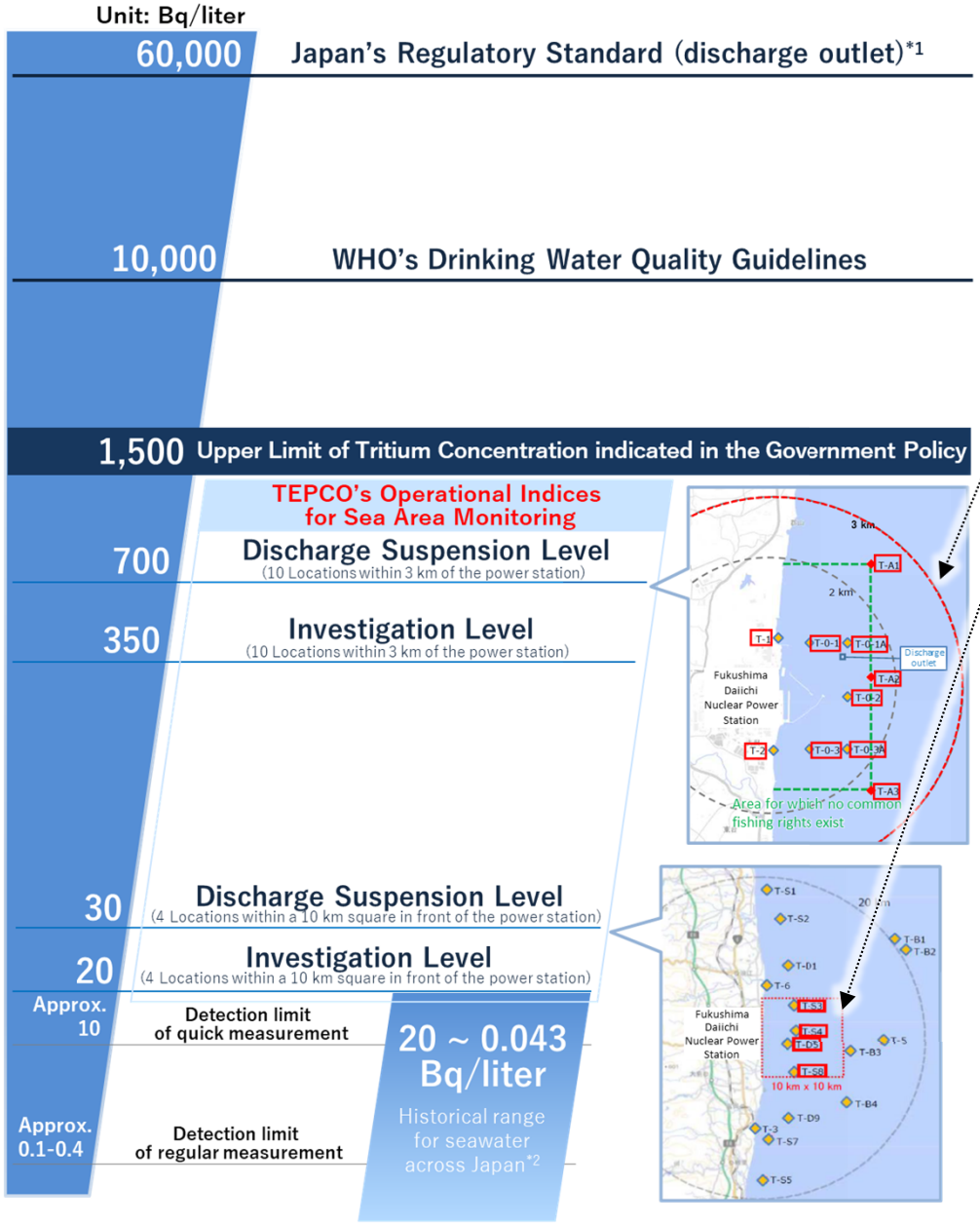
(Unit: Bq/liter)

	Sampling location	Frequency	November	December 2024			
			25	2	9	11	16
In the vicinity of the discharge outlet	T-1	Twice a week*1	–	<8.9	–	–	–
	T-2	Twice a week*1	–	<8.9	–	–	–
	T-0-1	Once a day*2	<7.5	<9.0	<6.2	–	<6.6
	T-0-1A	Once a day*2	<6.8	<8.5	<6.3	–	<6.6
	T-0-2	Once a day*2	<7.5	<8.9	<6.2	–	<6.6
	T-0-3A	Twice a week*1	–	<8.5	–	–	–
	T-0-3	Twice a week*1	–	<8.5	–	–	–
	T-A1	Twice a week*1	–	<7.7	–	–	–
	T-A2	Once a day*2	<6.8	<7.7	<6.9	–	<8.5
	T-A3	Twice a week*1	–	<7.7	–	–	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	<7.5	<7.7	<6.9	–	<8.6
	T-S3	Once a month	–	–	–	<6.9	–
	T-S4	Once a month	–	–	–	<6.8	–
	T-S8	Once a month	–	–	<6.9	–	–

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

*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

[Reference] Comparison of tritium concentration in seawater



*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)

- We have set a discharge suspension level and an investigation level as TEPCO's operational indices.

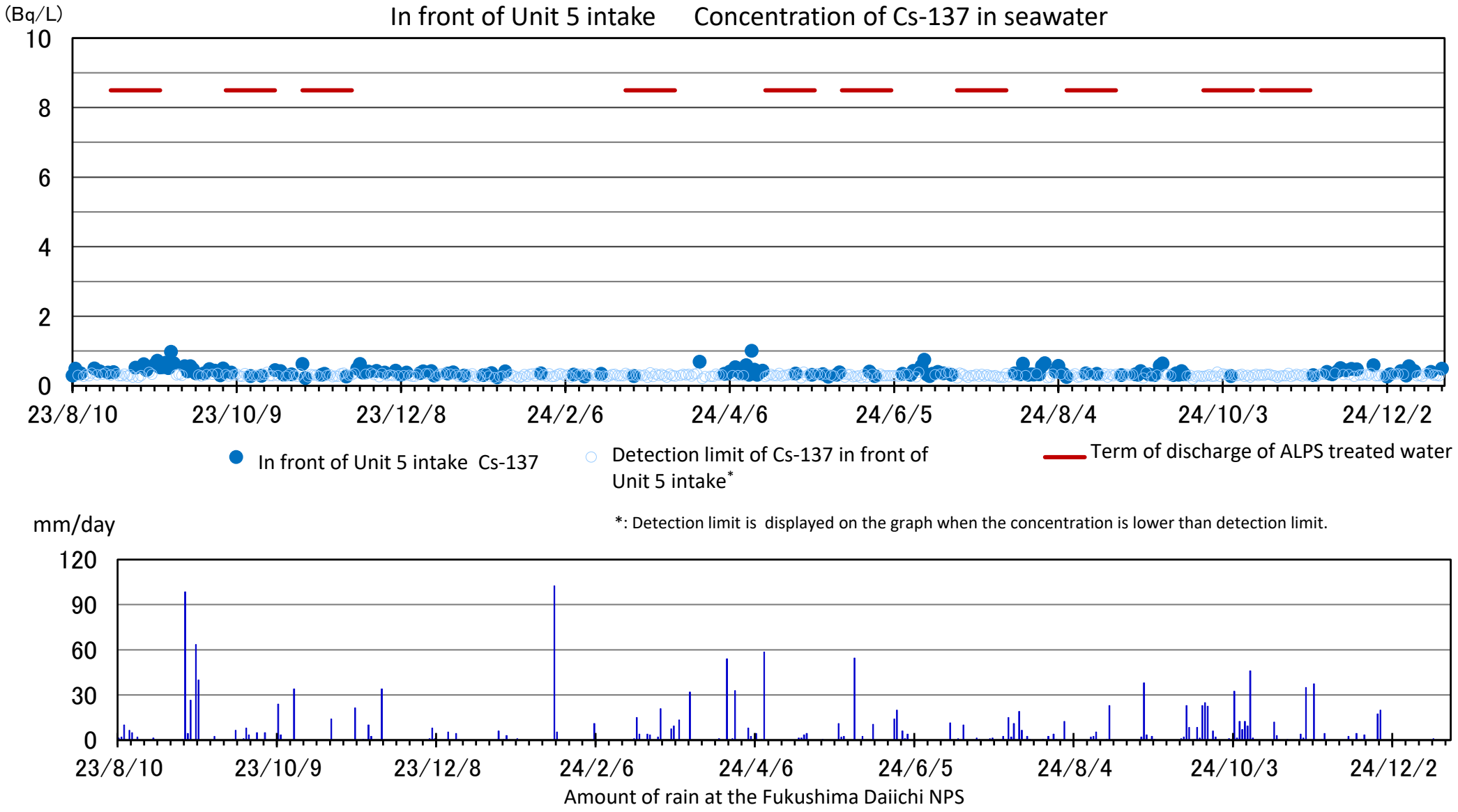
	Discharge suspension level	Investigation level
Within 3km of the power station	700 Bq/L	350 Bq/L
Within a 10km square in front of the power station	30 Bq/L	20 Bq/L

If the discharge suspension level is exceeded, the sea discharge will be immediately suspended.
If the investigation level is exceeded, facilities/operation status will be inspected and the frequency of monitoring will be increased as necessary.

- Even if the tritium concentration exceeds indices (Discharge suspension level and Investigation level), the levels are well below the Japan's regulatory standard of 60,000 Bq/L and the WHO's drinking water quality guidelines of 10,000 Bq/L, and we assess that the surrounding sea areas are still safe.
- It is expected that the concentration of tritium in seawater will be affected depending on the concentration of tritium in the treated water to be released in the future, and higher values than before will be detected. Even in such cases, it is evaluated that the concentration will remain below the investigation level and other indices.

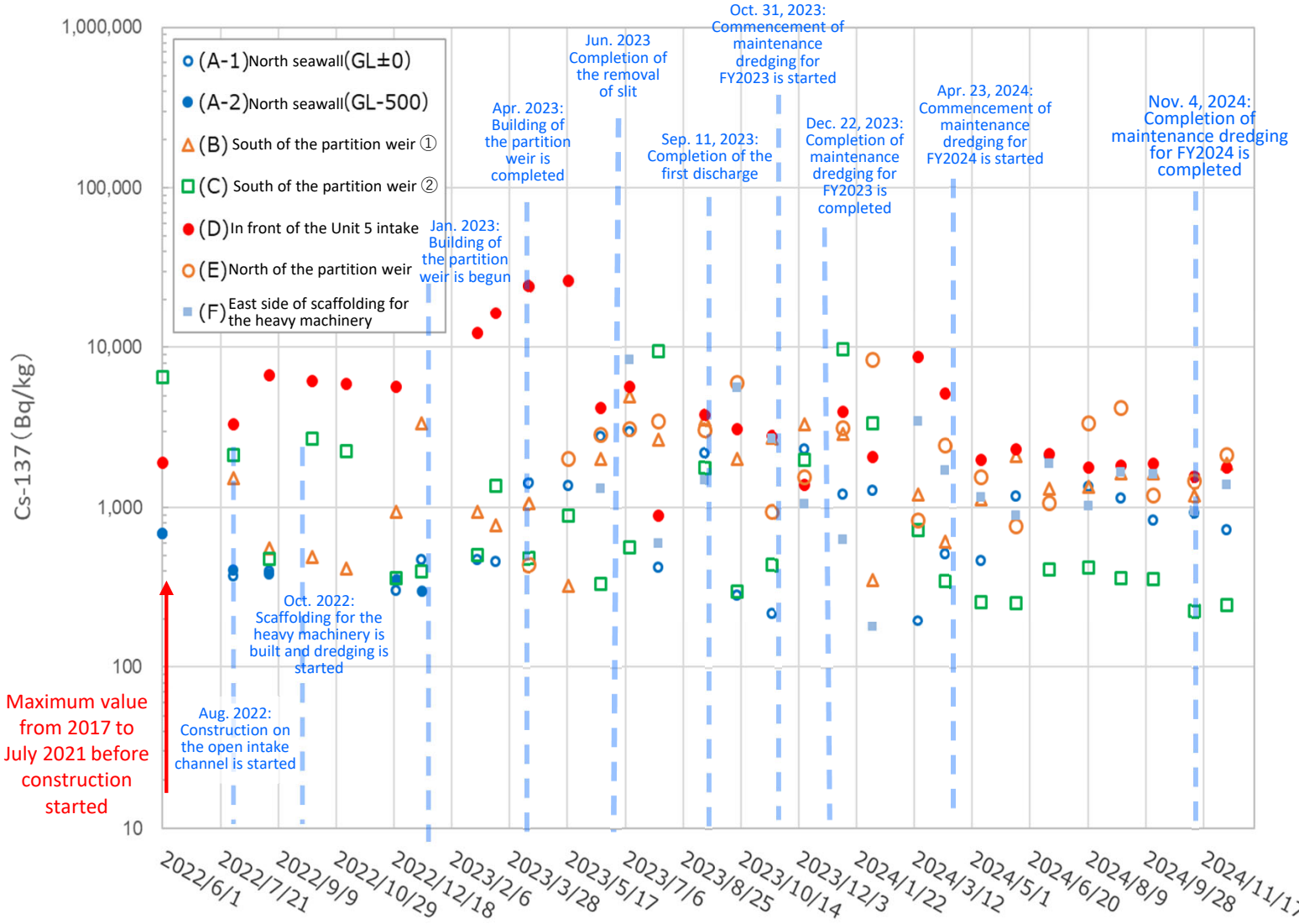
1-2. Unit 5 intake channel monitoring

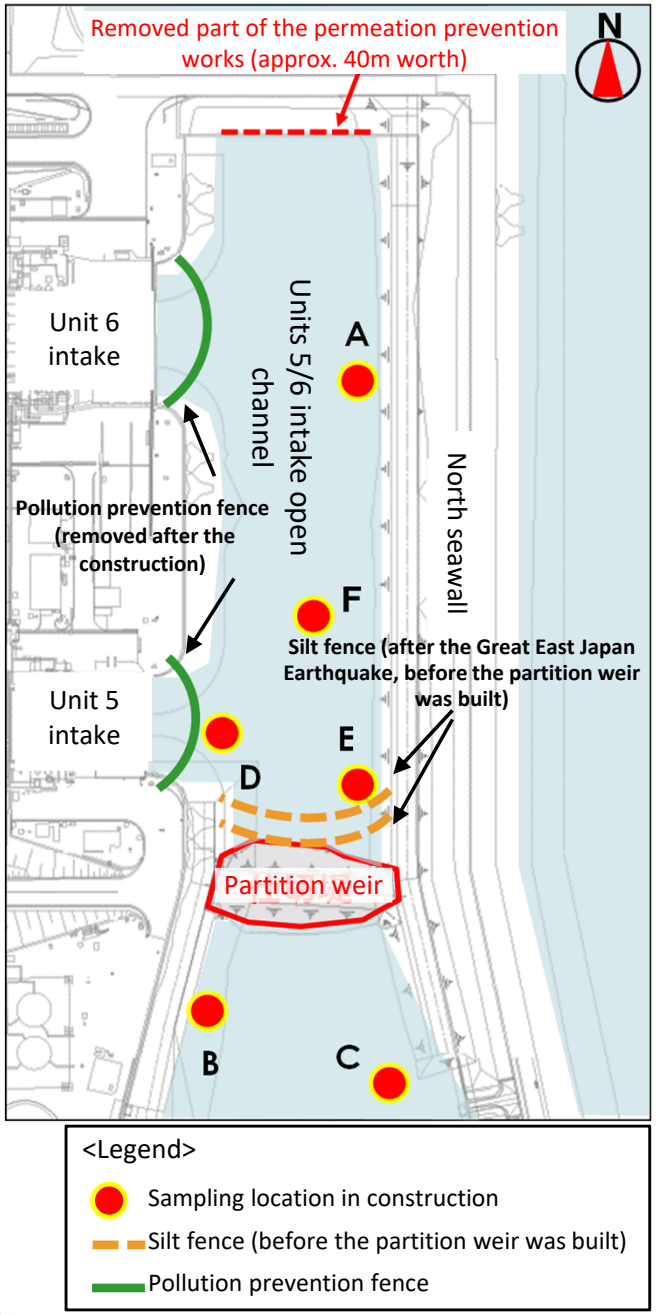
- Sea water monitoring results at near the intake for seawater to be used for dilution during the discharge of ALPS treated water have confirmed that values are similar to those outside of the term of the discharge.



1-3. Monitoring results for seabed soil inside the Unit 5/6 intake open channel (1)

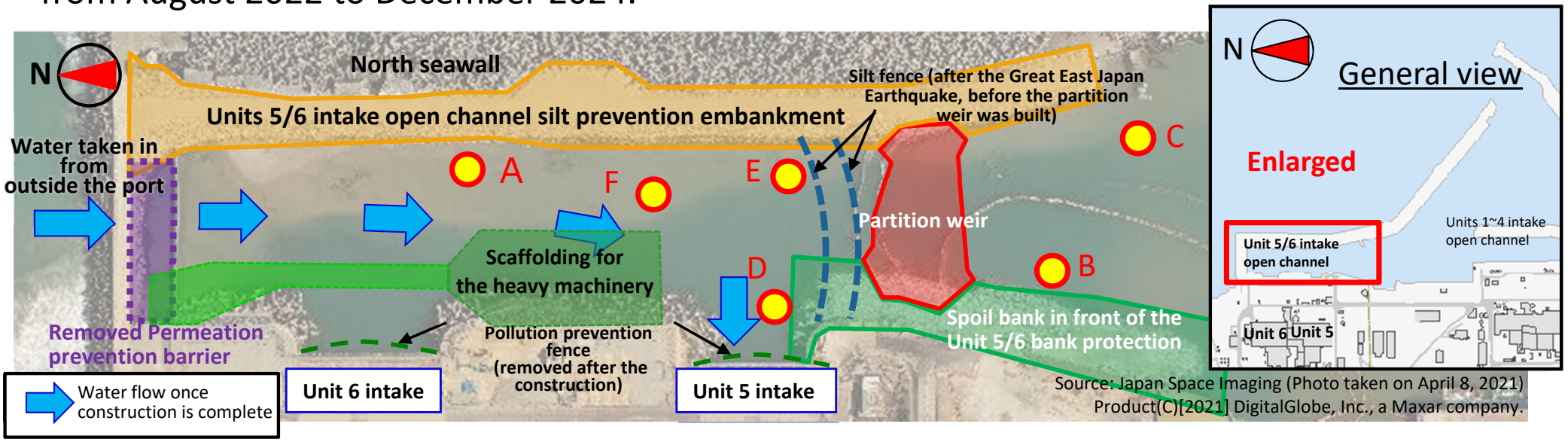
- Monitoring results for seabed soil in front of Unit 5 intake did not show significant fluctuations from the beginning of construction at the intake open channel until December 2022. While they showed higher readings after January 2023, we have confirmed that these readings decreased after the completion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





1-3. Monitoring results for seabed soil inside the Unit 5/6 intake open channel (2)

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



Sampling points		Before construction	FY2022	2023									2024										
		2017 to July 2021	Aug. ~ Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
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	31.5~39.8	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	40.4	59.0	64.5	38.1	57.6
	Cs-137	163.6~678.6	303.2~468.1	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	1,337.0	1,135.0	826.2	922.9	725.1
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	32.5~38.3	※Only sampled from the surface (GL±0m) since sand was removed during dredging																			
	Cs-137	310.0~689.8	299.1~404.0																				
B South side of the partition weir (① (South side of the silt fence))	Cs-134	723.0	34.5~65.6	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	58.2	55.7	64.5	42.5	57.6
	Cs-137	6,475.0	412.8~3,331.0	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	1,342.0	1,638.0	1,622.0	1,190.0	1,863.0
C South side of the partition weir (② (South side of the silt fence))	Cs-134	183.0	30.9~68.7	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	41.4	38.1	48.6	31.0	29.8
	Cs-137	1,893.0	360.8~2,671.0	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	419.6	361.7	356.2	227.4	246.4
D Unit 5 intake	Cs-134	–	101.6~3,546.0	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	64.9	69.3	83.5	52.0	50.7
	Cs-137	–	3,301.0~144,000.0	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	1,763.0	1,834.0	1,866.0	1,563.0	1,773.0
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	55.0	50.1	55.7	33.1	42.7
	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	3,371.0	4,154.0	1,191.0	1,460.0	2,118.0
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	49.1	74.8	58.6	48.2	63.2
	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	1,020.0	1,654.0	1,606.0	955.9	1,392.0

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

1. Monitoring history regarding discharge

2. Status of the facility inspection

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

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

2. Facility inspection status

- ALPS-treated water dilution and discharge facility and discharge/intake facility inspection status is as follows:
- At current time we have found no abnormalities that will impact the discharge schedule.

Facility	Primary inspection details	Inspection status
Measurement/ confirmation facilities	**Measurement/confirmation tank group C: internal inspection of the bottom of the tanks**	**Completed (no abnormalities (reported on November 28, 2024))**
	Measurement/confirmation tank group A: Internal inspection of the bottom of the tanks	**Completed (no abnormalities (reported on the following pages))**
	Measurement/confirmation tank group B: Internal inspection of the tanks	Inspection underway
	Circulation pumps: Lubrication oil replacement	Inspection underway
	Agitators: Insulation resistance measurements	Inspection underway
	Miscellaneous: Strainer cleaning, etc.	Inspection underway
Transfer facilities	ALPS treated water transfer pumps: Lubrication oil replacement	Inspection underway
	Emergency isolation valve-1: Disassembly inspection	Inspection to begin in January
	Emergency isolation valve-2: External inspection	Inspection to begin in January
	Miscellaneous: Strainer cleaning, etc.	Inspection underway
Dilution facilities	Seawater transfer pump system C: Disassembly inspection	Inspection underway
	Seawater transfer pump system A: Gland packing replacement	Inspection underway
	Seawater transfer pump system B: Gland packing replacement	Inspection underway
	Sea water transfer pipes/seawater pipe header: Internal inspection	Inspection underway **(Inspection status reported on following pages)**
	Discharge vertical shaft (up-stream storage): Internal inspection	Inspection underway **(Inspection status reported on following pages)**
Discharge facilities	Discharge vertical shaft (down-stream storage), discharge tunnel: Internal inspection	Inspection to begin in January
Seawater intake facilities	Partitioning weirs: External inspection	Inspection to begin in January
	Intake channel system B: Cleaning, external inspection	Inspection underway

Black letters: Completed
Faded letters: Not yet completed

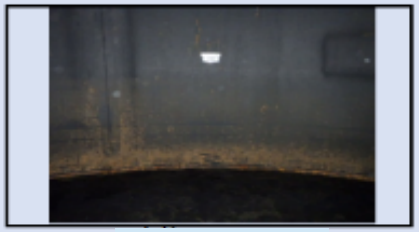
2-1. Measurement/confirmation tank group A inspection results

- Tanks A1~A10 were drained and inspected. (Photo: Tank A1)
- Sealant peeling and rust were found on the lower half of the body, however the damage was minimal and thickness measurements found no thinning of the metal body thereby confirming that there is no problem with continued use.
- The peeling sealant and base metal rust were removed and the areas resealed. (Target sealant thickness: 500μm)

Prior to reapplication of sealant


Side plate 0°


Side plate 90°


Side plate 180°


Side plate 270°


Bottom plate 0°


Bottom plate 90°


Bottom plate 180°


Bottom plate 270°

After reapplication of sealant

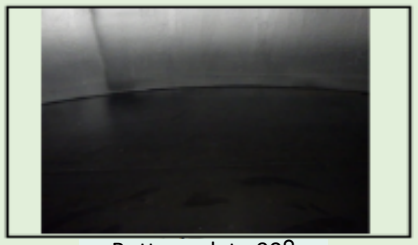

Side plate 0°


Side plate 90°


Side plate 180°


Side plate 270°

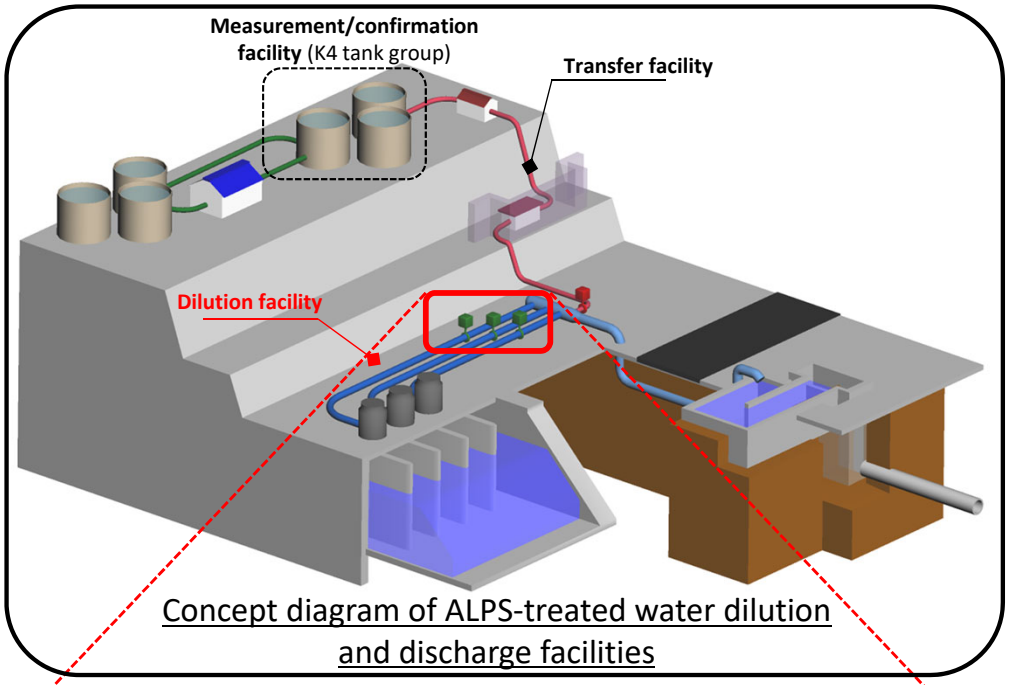

Bottom plate 0°


Bottom plate 90°

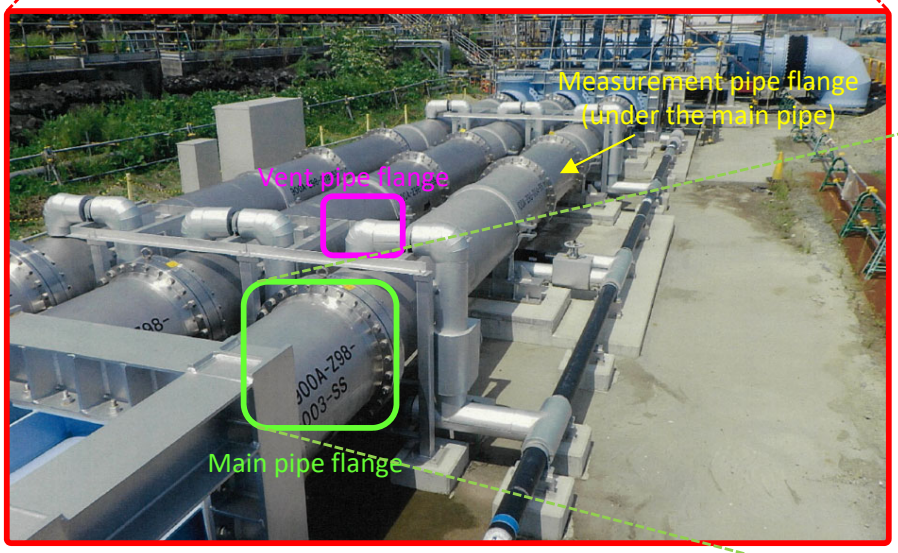

Bottom plate 180°


Bottom plate 270°

2-2. Seawater transfer pipe inspection status



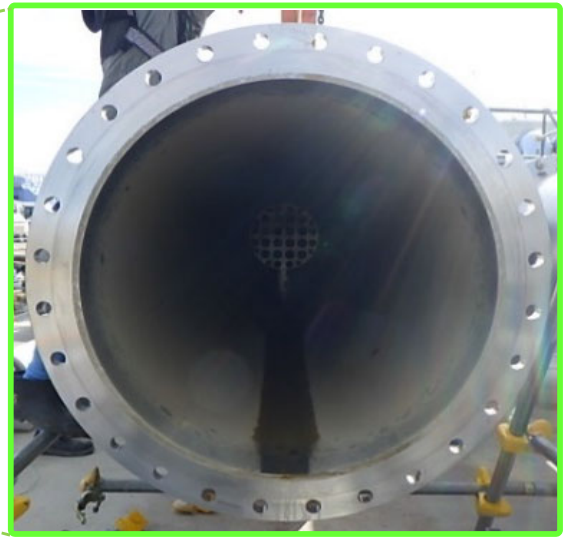
Concept diagram of ALPS-treated water dilution and discharge facilities



Seawater transfer pipes

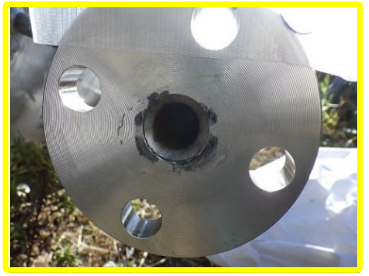
- The internal surface of the seawater transfer pipes (900A, duplex stainless steel) is in good condition and we confirmed that there are no problems with the dilution of ALPS-treated water with seawater.
- Corrosion was found on the vent pipe (6 locations, 50A) and instrument pipe (6 locations, 15A) flanges (duplex stainless steel), which are attached to the seawater transfer pipe, therefore necessary repairs will be made. Repairs are expected to take 1~1.5 months however there will be no impact on the future discharge schedule (the cause will also be ascertained).

・Seawater transfer pipe: Line used to transfer seawater that is used to dilute the ALPS-treated water so that the tritium concentration is less than 1,500Bq/liter (only seawater exists inside the pipes).
・Vent pipe: Line used to bleed air or take in air when the pipes are filled with water or drained, respectively.
・Instrument pipe: Line used to detect main pipe pressure when using the orifice to take flow measurements.
・Duplex stainless steel: Material that is highly resistant to corrosion from seawater (does not require a lining or sealants to protect from corrosion, and enables highly accurate dilution seawater flow measurements). However, since this is a seawater system, some corrosion is expected, and inspections are conducted annually during system shutdown.



Main pipe (no corrosion)

Vent pipe flange corrosion



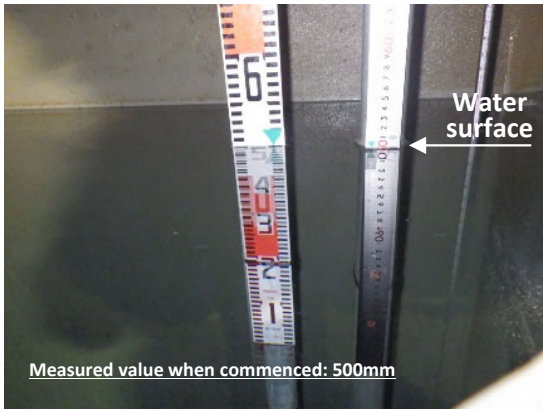
Instrument pipe flange corrosion

2-3. Vertical discharge shaft (upstream storage) inspection status

- **Prior to performing the internal inspection of the upstream storage, a pressure resistance leak test was performed to confirm the integrity of the structure**
  - The pressure resistance leak test results confirmed that the system is airtight and there are no problems with continued use.
  - As with last year's inspection, the internal inspection found bubbles in the sealant (width: More than 10cm) at 18 locations but there were no cracks.

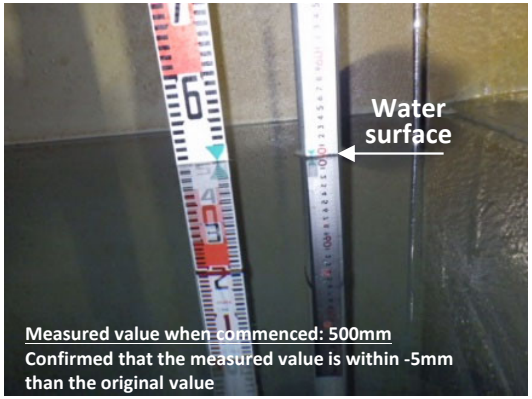
Pressure resistance leak test (when commenced)

2024.11.21 AM9:00



Pressure resistance leak test (when concluded)

2024.11.22 AM9:00



Pressure resistance leak test performed in accordance with the specific nuclear facility inspection guidelines.
Criteria: Must be kept within -5mm for 24 hours

Sealant bubbling found on the inner surface

1. Monitoring history regarding discharge

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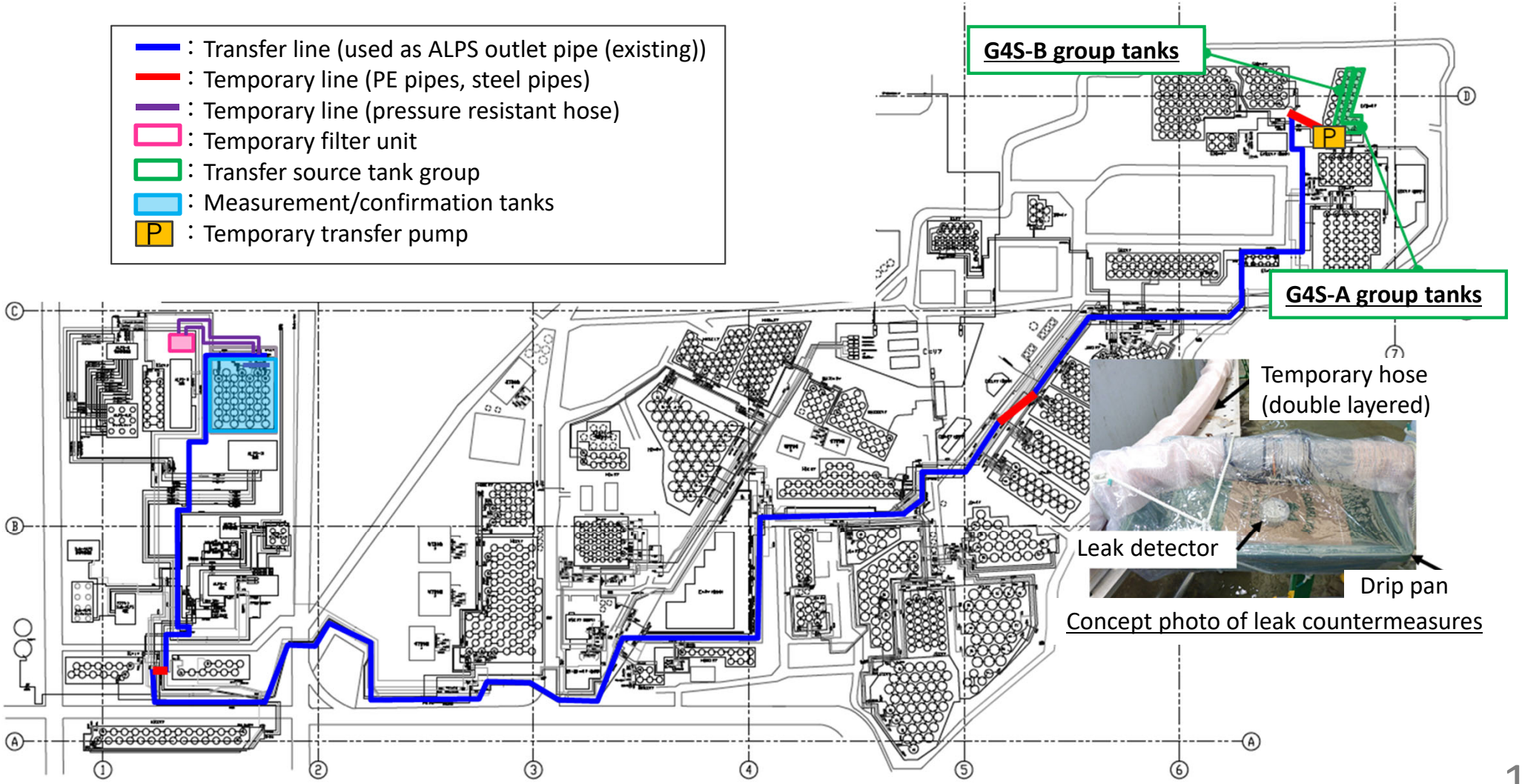
3. Transfer of ALPS treated water in preparation for the future discharges

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

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

- Transfer of ALPS treated water from G4S area Group A/B to measurement/confirmation facility tank group C in preparation for the discharge of Management number: 24-7-11 was conducted (from November 27, 2024 to December 19, 2024). Circulation/agitation will be commenced from January 7, 2025 and sample will be taken on January 14, 2025.
- Transfer of ALPS treated water from G4S area Group B to measurement/confirmation facility tank group A in preparation for the discharge of Management number: 25-1-12 will be conducted from January 6, 2025.



1. Monitoring history regarding discharge

2. Status of the facility inspection

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

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

(Reference) Sea area monitoring history (1/40)

○ 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 (2/40)

(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 (3/40)

(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 (4/40)

(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 (5/40)

(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 (6/40)

(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 (7/40)

(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 (8/40)

(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 (9/40)

(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 (10/40)

(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 (11/40)

(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 (12/40)

(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 (13/40)

(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 (14/40)

○ 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 (15/40)

(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 (16/40)

(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 (17/40)

(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 (18/40)

(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 (19/40)

(Unit: Bq/liter)

	Sampling location	Frequency	March, 2024											
			14	15 *1	16	17 *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 (20/40)

(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	–	–	–	0.14	–	–
	T-2	Twice a week*	<5.9	<0.34	–	–	<6.8	<0.32	–	–	–	0.11	–	–
	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	<0.065	–	–
	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 (21/40)

(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	0.21	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	<6.5	0.11	–
	T-S8	Once a month	<8.0	0.058	–	–	–	–	–	–	–	<6.5	0.13	–

※：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 (22/40)

(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 (23/40)

(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	–	<0.076
	T-2	Twice a week*	<5.1	0.51	–	–	–	<9.4	–	–	–	<5.8	–	<0.084
	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	0.054
	T-0-1A	Once a day*	13	9.4	<7.6	<6.2	–	<5.5	<6.3	<5.5	<7.5	–*4	<7.7	0.10
	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	<0.079
	T-0-3A	Twice a week*	<6.3	<0.33	–	–	–	<5.3	–	–	–	–*4	<7.1	0.12
	T-0-3	Twice a week*	<5.8	<0.33	–	–	–	<5.4	–	–	–	–*4	<6.2	0.079
	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	<0.069
	T-S3	Once a month	–	–	–	<7.7	0.14	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	<7.6	0.18	–	–	–	–	–	–	–
	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 (24/40)

(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	<0.070	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	<5.5	<0.069	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	<5.5	0.081	–	–	–

※：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 (25/40)

(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 (26/40)

(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	0.14	–	–	–	–	<0.30
	T-2	Twice a week*	–	<9.2	–	–	–	<6.8	0.13	–	–	–	–	<0.30
	T-0-1	Once a day*	<7.4	<9.2	<6.6	<6.6	<6.9	<6.8	0.089	<7.8	–	–	<9.0	<0.34
	T-0-1A	Once a day*	<7.4	<7.3	<6.8	<6.6	<6.9	<6.5	<0.067	<7.8	–	–	<9.0	<0.34
	T-0-2	Once a day*	<7.5	<9.4	<6.8	<6.6	<6.8	<6.6	0.13	<7.8	–	–	<9.0	<0.32
	T-0-3A	Twice a week*	–	<7.3	–	–	–	<6.6	<0.066	–	–	–	–	<0.33
	T-0-3	Twice a week*	–	<7.3	–	–	–	<6.5	<0.066	–	–	–	–	<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	0.086	–	–	–	<5.3	<0.34
	T-S3	Once a month	–	–	–	–	–	–	–	–	<6.0	<0.066	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	<6.0	<0.070	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	–	<5.4	0.059

※：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 (27/40)

(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	0.35	–	–	<6.3	<0.29	–	–	–	<5.3
	T-2	Twice a week*	–	<0.32	<7.6	<0.33	–	–	<6.3	<0.29	–	–	–	<5.3
	T-0-1	Once a day*	<6.1	<0.34	<6.8	<0.34	<7.4	<6.1	<7.1	<0.34	<8.0	<5.7	–	<6.1
	T-0-1A	Once a day*	<6.0	<0.34	18	21	<7.4	<7.6	<7.0	<0.35	<6.2	17	–	<6.1
	T-0-2	Once a day*	<5.9	<0.34	<7.6	<0.33	<7.6	<6.1	<7.0	<0.31	<8.0	<5.7	–	<6.1
	T-0-3A	Twice a week*	–	<0.34	<6.8	<0.35	–	–	<6.2	<0.35	–	–	–	<6.6
	T-0-3	Twice a week*	–	<0.34	<6.8	<0.35	–	–	<7.0	<0.35	–	–	–	<6.1
	T-A1	Twice a week*	–	<0.36	<7.2	<0.35	–	–	<6.2	0.50	–	–	–	<6.6
	T-A2	Once a day*	<8.1	<0.37	<7.2	<0.35	<7.4	<7.5	<6.2	<0.35	<6.2	<6.1	–	<6.6
	T-A3	Twice a week*	–	<0.37	<7.2	<0.35	–	–	<6.1	<0.35	–	–	–	<6.6
Outside the vicinity of the discharge outlet	T-D5	Once a week	<8.1	<0.34	–	–	–	–	<6.3	<0.35	–	–	–	–
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	<6.1	<0.070	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	<6.1	0.080	–
	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： Detection limit 0.4Bq/liter
*2： Sampled after the commencement of discharge at 2PM
*3： Detection limit 0.1Bq/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 (28/40)

(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	0.095	–	–	<6.7	–	–	–
	T-2	Twice a week*	–	–	–	–	<7.0	0.15	–	–	<6.7	–	–	–
	T-0-1	Once a day*	–	<6.0	<6.2	<8.2	<6.9	0.31	<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	0.55	<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	0.14	<6.4	<6.4	<7.4	<9.1	<5.7	<7.4
	T-0-3A	Twice a week*	–	–	–	–	<7.0	0.75	–	–	<7.6	–	–	–
	T-0-3	Twice a week*	–	–	–	–	<6.7	0.56	–	–	<7.4	–	–	–
	T-A1	Twice a week*	–	–	–	–	<6.9	0.38	–	–	<7.7	–	–	–
	T-A2	Once a day*	–	<8.5	<7.7	<7.7	<6.9	0.63	<6.7	<7.7	<7.6	<8.4	<7.6	<7.7
	T-A3	Twice a week*	–	–	–	–	<6.9	0.70	–	–	<7.6	–	–	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	–	<7.0	0.099	–	–	–	–	–	–
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	0.039	–	–	–	–	–	–	–	–	–	–	–

※：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 (29/40)

(Unit: Bq/liter)

	Sampling location	Frequency	July, 2024											
			15	15 Normal *1	16 *2	17	18	19	20	21	22	22 Normal *1	23	29
In the vicinity of the discharge outlet	T-1	Twice a week*	<6.7	0.38	–	–	<4.6	–	–	–	<7.3	<0.31	–	–
	T-2	Twice a week*	<6.7	0.95	–	–	<4.6	–	–	–	<7.3	<0.31	–	–
	T-0-1	Once a day*	<6.4	1.1	<5.5	<7.7	<8.0	<7.0	<8.5	<5.9	<7.1	<0.33	<5.9	<5.4
	T-0-1A	Once a day*	<6.8	<0.35	<7.3	<7.7	<8.0	<7.1	<8.6	<5.9	<8.1	<0.36	<5.9	<6.7
	T-0-2	Once a day*	<6.5	0.77	<5.4	<7.7	<8.0	<7.3	<8.3	<5.9	<8.0	<0.33	<5.9	<5.4
	T-0-3A	Twice a week*	<6.7	0.49	–	–	<6.0	–	–	–	<8.0	<0.36	–	–
	T-0-3	Twice a week*	<6.4	0.85	–	–	<8.0	–	–	–	<8.4	<0.36	–	–
	T-A1	Twice a week*	<8.8	<0.35	–	–	<6.1	–	–	–	<5.5	<0.35	–	–
	T-A2	Once a day*	<8.8	0.36	<7.3	<7.7	<6.1	<7.0	<8.5	<5.8	<5.6	<0.35	<5.9	<6.7
	T-A3	Twice a week*	<8.8	<0.35	–	–	<4.6	–	–	–	<5.5	<0.35	–	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	<8.9	<0.35	–	–	–	–	–	–	<7.2	<0.36	–	<6.7
	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 0.1 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

(Reference) Sea area monitoring history (30/40)

(Unit: Bq/liter)

	Sampling location	Frequency	July	August, 2024										
			29 Normal *1	5	5 Normal *1	7 *2	7 Normal *1,2	8	8 Normal *1,3	9	10	11	12	13
In the vicinity of the discharge outlet	T-1	Twice a week*	<0.32	<5.9	<0.33	<9.3	<0.28	–	–	<6.6	–	–	–*4	<7.6
	T-2	Twice a week*	<0.32	<5.9	<0.34	<9.5	<0.27	–	–	<6.6	–	–	–*4	<7.5
	T-0-1	Once a day*	<0.31	<9.3	<0.33	<6.9	<0.34	<7.0	–	<6.7	–*4	–*4	–*4	<6.4
	T-0-1A	Once a day*	<0.35	<9.3	<0.38	<7.0	3.3	<8.3	–	<6.5	–*4	–*4	–*4	<6.3
	T-0-2	Once a day*	<0.34	<5.9	0.51	<7.0	<0.27	<7.1	–	<6.8	–*4	–*4	–*4	<6.4
	T-0-3A	Twice a week*	<0.35	<9.5	<0.36	–	–	<8.4	<0.35	<6.6	–	–	–*4	<7.1
	T-0-3	Twice a week*	<0.35	<9.3	<0.37	–	–	<7.1	<0.36	<6.7	–	–	–*4	<6.4
	T-A1	Twice a week*	<0.36	<6.4	<0.35	–	–	<8.4	<0.35	<8.1	–	–	–*4	<6.9
	T-A2	Once a day*	<0.36	<6.3	<0.35	<6.7	<0.35	<8.1	–	<8.1	–*4	–*4	–*4	<7.1
	T-A3	Twice a week*	<0.36	<6.2	<0.35	–	–	<8.4	<0.35	<8.1	–	–	–*4	<7.1
Outside the vicinity of the discharge outlet	T-D5	Once a week	<0.35	<6.0	<0.37	–	–	–	–	–	–	–	–*4	<7.6
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	<7.1	0.062	–	–	–	–	–

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

：Term of discharge of ALPS treated water (Management number: 24-4-8)

*1： Detection limit 0.4Bq/liter
*2： Sampled after the commencement of discharge at 2PM
*3： Detection limit 0.1Bq/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 (31/40)

(Unit: Bq/liter)

	Sampling location	Frequency	August, 2024										
			13 Normal *1	14	14 Normal *1	15	16	17	18	19	19 Normal *3	20	20 Normal *1	21
In the vicinity of the discharge outlet	T-1	Twice a week*	–	–	<0.070	<8.1	–	–	–	<7.5	2.1	–	–	–
	T-2	Twice a week*	–	–	<0.072	<8.0	–	–	–	<7.5	0.57	–	–	–
	T-0-1	Once a day*	–	<8.2	0.20	<8.0	–*2	–*2	<6.2	<7.6	2.5	<7.6	–	<6.2
	T-0-1A	Once a day*	–	<6.4	0.20	9.0	–*2	–*2	<6.3	<7.5	0.54	<5.5	–	<6.2
	T-0-2	Once a day*	–	<8.2	<0.069	<6.7	–*2	–*2	<6.2	<7.5	9.4	<7.6	–	<6.2
	T-0-3A	Twice a week*	–	–	0.15	<6.7	–	–	–	<7.8	<0.35	–	–	–
	T-0-3	Twice a week*	–	–	0.21	<6.7	–	–	–	<7.5	<0.35	–	–	–
	T-A1	Twice a week*	–	–	0.30	<7.6	–	–	–	<7.8	2.0	–	–	–
	T-A2	Once a day*	–	<6.4	0.20	<7.8	–*2	–*2	<7.0	<7.8	<0.36	<5.6	–	<6.2
	T-A3	Twice a week*	–	–	0.13	<7.7	–	–	–	<7.8	0.40	–	–	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	<0.066	–	–	–	–	–	–	<7.5	<0.35	–	–	–
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	<0.070	<7.6
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	0.089	<7.6
	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: 24-4-8)

*1： Detection limit 0.1Bq/liter
*2： Sampling suspended due to bad weather condition
*3： Detection limit 0.4Bq/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 (32/40)

(Unit: Bq/liter)

	Sampling location	Frequency	August, 2024											September
			22	23	24	25 *1	26	26 Normal *2	27	28	29	30	31	1
In the vicinity of the discharge outlet	T-1	Twice a week*	<6.3	–	–	–	<5.3	<0.34	–	–	<6.7	–	–	–
	T-2	Twice a week*	<6.3	–	–	–	<5.3	<0.34	–	–	<6.7	–	–	–
	T-0-1	Once a day*	<6.3	<7.6	<7.5	<6.0	<6.4	<0.33	<5.6	<7.3	<4.0	<6.2	–*3	<5.6
	T-0-1A	Once a day*	<6.5	<6.3	<7.5	<7.0	<6.5	<0.35	<5.6	<7.4	<5.3	<6.2	–*3	<5.6
	T-0-2	Once a day*	<6.5	<7.6	<7.6	<6.1	<6.4	<0.32	<5.6	<7.4	<6.7	<6.2	–*3	<5.5
	T-0-3A	Twice a week*	<6.4	–	–	–	<5.4	<0.35	–	–	<5.3	–	–	–
	T-0-3	Twice a week*	<6.4	–	–	–	<6.4	<0.35	–	–	<5.4	–	–	–
	T-A1	Twice a week*	<6.0	–	–	–	<5.4	<0.34	–	–	<8.6	–	–	–
	T-A2	Once a day*	<6.0	<6.3	<7.5	<7.0	<5.4	<0.34	<5.6	<7.4	<8.6	<6.2	–*3	<5.6
	T-A3	Twice a week*	<6.0	–	–	–	<5.4	<0.34	–	–	<8.6	–	–	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	–	<5.3	<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.

：Term of discharge of ALPS treated water (Management number: 24-4-8)

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

*2： Detection limit 0.4 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 (33/40)

(Unit: Bq/liter)

	Sampling location	Frequency	September, 2024											
			2	2 Normal *1	9	9 Normal *2	10	10 Normal *2	16	16 Normal *1	17	18	19 Normal *2	25
In the vicinity of the discharge outlet	T-1	Twice a week*	<8.7	<0.33	–	0.11	–	–	–	–	<0.33	–	–	–
	T-2	Twice a week*	<8.7	<0.32	–	0.11	–	–	–	–	<0.33	–	–	–
	T-0-1	Once a day*	<8.7	<0.33	<7.8	0.091	–	–	<6.2	–	<0.36	–	–	<6.8
	T-0-1A	Once a day*	<5.4	<0.35	<7.7	0.068	–	–	<6.3	–	<0.34	–	–	<6.8
	T-0-2	Once a day*	<5.4	<0.34	<7.7	0.19	–	–	<6.3	–	<0.33	–	–	<6.8
	T-0-3A	Twice a week*	<5.4	<0.34	–	0.081	–	–	–	–	<0.34	–	–	–
	T-0-3	Twice a week*	<5.4	<0.35	–	0.099	–	–	–	–	<0.34	–	–	–
	T-A1	Twice a week*	<6.9	<0.36	–	0.11	–	–	–	–	<0.35	–	–	–
	T-A2	Once a day*	<6.9	<0.36	<7.7	0.11	–	–	<6.3	–	<0.35	–	–	<7.4
	T-A3	Twice a week*	<6.9	<0.36	–	0.14	–	–	–	–	<0.35	–	–	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	<8.7	<0.34	<8.0	<0.071	–	–	–	<5.4	<0.34	–	–	<7.4
	T-S3	Once a month	–	–	–	–	<5.9	being measured	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	<5.9	being measured	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	<7.2	being measured	–

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

*1： Detection limit 0.4Bq/liter
*2： Detection limit 0.1Bq/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 (34/40)

(Unit: Bq/liter)

	Sampling location	Frequency	September, 2024								October, 2024		
			25 Normal *1	26 *2	26 Normal *1, 2	27	27 Normal *1	28	29	30	30 Normal *1	1	1 Normal *4	2
In the vicinity of the discharge outlet	T-1	Twice a week*	<0.33	<6.7	being measured	–	–	–	–	<5.4	<0.31	–	–	–
	T-2	Twice a week*	<0.32	<6.7	being measured	–	–	–	–	<5.4	0.73	–	–	–
	T-0-1	Once a day*	<0.37	–*3	–	<7.0	<0.39	<5.9	<7.2	<8.4	<0.37	<5.9	–	<5.6
	T-0-1A	Once a day*	<0.37	–*3	–	<5.5	<0.35	<7.0	<5.8	<8.4	<0.34	<6.9	–	<8.6
	T-0-2	Once a day*	<0.32	–*3	–	<7.1	0.42	<5.9	<7.2	<8.4	<0.33	<5.9	–	<5.5
	T-0-3A	Twice a week*	<0.36	–	–	<5.5	<0.35	–	–	<6.5	0.60	–	–	–
	T-0-3	Twice a week*	<0.36	–	–	<5.5	<0.35	–	–	<8.4	0.63	–	–	–
	T-A1	Twice a week*	<0.35	–	–	<6.9	<0.35	–	–	<6.5	0.38	–	–	–
	T-A2	Once a day*	<0.35	–*3	–	<7.0	0.59	<7.0	<5.8	<6.5	1.9	13	–	<8.6
	T-A3	Twice a week*	<0.36	–	–	<6.9	0.46	–	–	<6.4	1.7	–	–	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	<0.36	–	–	–	–	–	–	<5.4	<0.34	–	–	–
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	<7.0	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: 24-5-9)

*1： Detection limit 0.4Bq/liter
*2： Sampled after the commencement of discharge at 2PM
*3： Sampling suspended due to bad weather condition
*4： Detection limit 0.1Bq/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 (35/40)

(Unit: Bq/liter)

	Sampling location	Frequency	October, 2024										
			3	4	4 Normal *1	5	6	7	7 Normal *2	8	9	10	11	12
In the vicinity of the discharge outlet	T-1	Twice a week*	<6.4	–	–	–	–	<7.8	1.9	–	–	<6.2	–	<6.3
	T-2	Twice a week*	<6.5	–	–	–	–	<7.8	0.33	–	–	<6.2	–	<6.3
	T-0-1	Once a day*	<6.4	<5.3	–	<7.6	<8.0	<5.8	1.0	<6.4	<7.6	–*3	–*3	–*3
	T-0-1A	Once a day*	<7.0	<5.3	–	<7.1	<7.8	<5.8	<0.37	<7.8	13	–*3	–*3	–*3
	T-0-2	Once a day*	<7.0	<5.3	–	<7.6	<8.0	<5.8	1.2	<6.5	<7.6	–*3	–*3	–*3
	T-0-3A	Twice a week*	<7.0	–	–	–	–	<6.7	1.1	–	–	–*3	–*3	–*3
	T-0-3	Twice a week*	<6.4	–	–	–	–	<5.8	1.2	–	–	–*3	–*3	–*3
	T-A1	Twice a week*	<6.0	–	–	–	–	<6.7	<0.35	–	–	–*3	–*3	–*3
	T-A2	Once a day*	<6.0	<5.3	–	<7.1	<7.8	<6.8	1.7	<7.8	<5.9	–*3	–*3	–*3
	T-A3	Twice a week*	<6.0	–	–	–	–	<8.1	3.4	–	–	–*3	–*3	–*3
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	–	–	<7.8	<0.37	–	–	–	–	–
	T-S3	Once a month	–	<6.7	being measured	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	<6.7	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: 24-5-9)

*：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

*1： Detection limit 0.1Bq/liter
*2： Detection limit 0. 4Bq/liter
*3： Sampling suspended due to bad weather condition

(Reference) Sea area monitoring history (36/40)

(Unit: Bq/liter)

	Sampling location	Frequency	October, 2024										
			13	14 *1	14 Normal *1,2	15	16	17 *3	17 Normal *3,4	18	19	20	21	21 Normal *2,4
In the vicinity of the discharge outlet	T-1	Twice a week*	–	<7.9	being measured	–	–	<6.7	<0.33	–	–	–	<8.3	<0.32
	T-2	Twice a week*	–	<8.0	being measured	–	–	<6.7	<0.33	–	–	–	<8.3	1.2
	T-0-1	Once a day*	<6.5	<7.2	being measured	<8.2	<5.6	<6.6	<0.36	<6.0	<6.1	–*4	7.2	6.0
	T-0-1A	Once a day*	33	<7.1	being measured	<8.2	<5.7	<7.5	<0.35	<6.5	<6.6	–*4	<6.1	0.82
	T-0-2	Once a day*	<6.5	<7.1	being measured	<8.2	<5.6	<7.4	0.91	<6.0	<6.1	–*4	<6.1	<0.34
	T-0-3A	Twice a week*	<6.8	<6.8	being measured	–	–	<7.5	<0.35	–	–	–	<7.5	<0.37
	T-0-3	Twice a week*	<6.5	<7.2	being measured	–	–	<7.4	<0.35	–	–	–	<6.1	0.81
	T-A1	Twice a week*	<8.5	<6.8	<0.075	–	–	<6.3	0.35	–	–	–	<7.6	<0.36
	T-A2	Once a day*	<8.4	<6.8	0.076	<8.1	<5.7	<6.3	<0.34	<6.4	<6.5	–*4	<7.5	0.44
	T-A3	Twice a week*	<8.5	<6.8	0.12	–	–	<6.3	<0.34	–	–	–	<7.6	<0.36
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	<8.0	being measured	–	–	–	–	–	–	–	<8.3	<0.34
	T-S3	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	–	–	–	–	–	–	–	–	<7.5	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: 24-5-9, 24-6-10)

*：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

*1： Sampled before 9AM the commencement of discharge
*2：Sampled after the commencement of discharge at 2PM
*3： Detection limit 0.4Bq/liter
*4： Sampling suspended due to bad weather condition
*5： Detection limit 0.1Bq/liter

(Reference) Sea area monitoring history (37/40)

(Unit: Bq/liter)

	Sampling location	Frequency	October, 2024											
			22	23	24	25	25 Normal *1	26	27	28	28 Normal *2	29	30	31
In the vicinity of the discharge outlet	T-1	Twice a week*	–	–	<7.5	–	–	–	–	<6.3	0.86	–	–	<8.2
	T-2	Twice a week*	–	–	<7.6	–	–	–	–	<6.3	<0.32	–	–	<8.2
	T-0-1	Once a day*	<6.8	<7.3	<7.5	<6.7	–	<8.2	<7.2	<8.2	3.0	<6.5	<6.3	<6.9
	T-0-1A	Once a day*	16	24	<5.7	30	–	<7.9	31	43	50	<6.6	38	48
	T-0-2	Once a day*	<6.8	<7.3	<5.7	<6.7	–	<8.2	<7.2	<8.2	0.46	13	<6.3	<6.9
	T-0-3A	Twice a week*	–	–	<5.7	–	–	–	–	<5.0	<0.36	–	–	<6.3
	T-0-3	Twice a week*	–	–	<5.6	–	–	–	–	<8.2	<0.35	–	–	<6.9
	T-A1	Twice a week*	–	–	<5.7	–	–	–	–	<4.9	0.67	–	–	<6.3
	T-A2	Once a day*	<5.8	<7.2	<5.6	<6.9	–	<8.0	<6.5	<5.0	0.61	<6.6	<7.7	<6.3
	T-A3	Twice a week*	–	–	<5.6	–	–	–	–	<4.9	0.51	–	–	<6.3
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	–	–	–	–	<6.3	<0.35	–	–	–
	T-S3	Once a month	–	–	–	<6.8	being measured	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	–	<6.8	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: 24-6-10)

*1： Detection limit 0.1Bq/liter

*2： Detection limit 0.4Bq/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 (38/40)

(Unit: Bq/liter)

	Sampling location	Frequency	November, 2024											
			1	2	3	4 *1	4 Normal *1,2	5	6	6 Normal *3	7	8	9	10
In the vicinity of the discharge outlet	T-1	Twice a week*	–	–	–	<7.2	1.4	–	–	–	<6.5	–	–	–
	T-2	Twice a week*	–	–	–	<7.2	0.96	–	–	–	<6.5	–	–	–
	T-0-1	Once a day*	<6.7	<5.9	<5.1	<8.1	1.9	<6.9	<8.1	–	<6.6	<6.4	<7.4	<5.5
	T-0-1A	Once a day*	<6.0	<5.2	29	<8.0	1.4	<6.9	<8.2	–	<5.7	<6.4	<7.4	<5.5
	T-0-2	Once a day*	10	24	<5.1	<8.0	1.4	<6.9	<8.1	–	<6.5	<6.4	<7.4	<5.5
	T-0-3A	Twice a week*	–	–	–	<7.5	<0.35	–	–	–	<5.7	–	–	–
	T-0-3	Twice a week*	–	–	–	<8.0	1.1	–	–	–	<5.7	–	–	–
	T-A1	Twice a week*	–	–	–	<7.5	1.2	–	–	–	<8.3	–	–	–
	T-A2	Once a day*	<6.0	<5.2	<7.5	<7.5	1.0	<6.9	<5.7	–	<8.3	<6.4	<7.4	<5.5
	T-A3	Twice a week*	–	–	–	<7.5	<0.36	–	–	–	<8.3	–	–	–
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	–	<7.2	<0.35	–	–	–	–	–	–	–
	T-S3	Once a month	–	–	–	–	–	–	<5.7	being measured	–	–	–	–
	T-S4	Once a month	–	–	–	–	–	–	<5.7	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: 24-6-10)

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

*2： Detection limit 0.4Bq/liter

*3： Detection limit 0.1Bq/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 (39/40)

(Unit: Bq/liter)

	Sampling location	Frequency	November, 2024								December, 2024			
			11	11 Normal *1	14	14 Normal *1	18	18 Normal *2	25	25 Normal *2	2	2 Normal *2	9	9 Normal *1
In the vicinity of the discharge outlet	T-1	Twice a week*	<6.3	being measured	–	–	–	<0.25	–	<0.36	<8.9	being measured	–	being measured
	T-2	Twice a week*	<6.3	being measured	–	–	–	<0.25	–	<0.36	<8.9	being measured	–	being measured
	T-0-1	Once a day*	<6.3	being measured	–	–	<6.5	<0.33	<7.5	being measured	<9.0	being measured	<6.2	being measured
	T-0-1A	Once a day*	<7.9	being measured	–	–	<6.6	<0.36	<6.8	<0.36	<8.5	being measured	<6.3	being measured
	T-0-2	Once a day*	<6.3	being measured	–	–	<6.6	<0.33	<7.5	<0.32	<8.9	being measured	<6.2	being measured
	T-0-3A	Twice a week*	<5.0	being measured	–	–	–	<0.36	–	<0.36	<8.5	being measured	–	being measured
	T-0-3	Twice a week*	<5.0	being measured	–	–	–	<0.36	–	<0.36	<8.5	being measured	–	being measured
	T-A1	Twice a week*	<7.4	0.18	–	–	–	<0.35	–	being measured	<7.7	being measured	–	being measured
	T-A2	Once a day*	<7.4	0.16	–	–	<5.9	<0.35	<6.8	being measured	<7.7	being measured	<6.9	being measured
	T-A3	Twice a week*	<7.4	0.16	–	–	–	<0.35	–	being measured	<7.7	being measured	–	being measured
Outside the vicinity of the discharge outlet	T-D5	Once a week	<5.0	being measured	–	–	<5.9	being measured	<7.5	being measured	<7.7	being measured	<6.9	being measured
	T-S3	Once a month	–	–	<5.3	being measured	–	–	–	–	–	–	–	–
	T-S4	Once a month	–	–	<5.3	being measured	–	–	–	–	–	–	–	–
	T-S8	Once a month	–	–	<5.3	being measured	–	–	–	–	–	–	<6.9	being measured

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

*1： Detection limit 0.1Bq/liter　　*2： Detection limit 0.4Bq/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 (40/40)

(Unit: Bq/liter)

	Sampling location	Frequency	December, 2024			
			11	11 Normal *1	16	16 Normal *2
In the vicinity of the discharge outlet	T-1	Twice a week*	–	–	–	being measured
	T-2	Twice a week*	–	–	–	being measured
	T-0-1	Once a day*	–	–	<6.6	being measured
	T-0-1A	Once a day*	–	–	<6.6	being measured
	T-0-2	Once a day*	–	–	<6.6	being measured
	T-0-3A	Twice a week*	–	–	–	being measured
	T-0-3	Twice a week*	–	–	–	being measured
	T-A1	Twice a week*	–	–	–	being measured
	T-A2	Once a day*	–	–	<8.5	being measured
	T-A3	Twice a week*	–	–	–	being measured
Outside the vicinity of the discharge outlet	T-D5	Once a week	–	–	<8.6	being measured
	T-S3	Once a month	<6.9	being measured	–	–
	T-S4	Once a month	<6.8	being measured	–	–
	T-S8	Once a month	–	–	–	–

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

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