

1F Unit 5/6 discharge, north side (T-1) Radioactive Concentration of Seawater

% Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).

Discharge Suspension Level: Index for determining if discharge needs to be suspended.



1F Near south discharge(T-2) Radioactive Concentration of Seawater (Measurements to obtain results quickly)

% Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).

Discharge Suspension Level: Index for determining if discharge needs to be suspended.



1F North side of northern sea wall(T-0-1) Radioactive Concentration of Seawater

% Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).

Discharge Suspension Level: Index for determining if discharge needs to be suspended.



1F Harbor entrance, northeast side (T-0-1A) Radioactive Concentration of Seawater

% Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).

Discharge Suspension Level: Index for determining if discharge needs to be suspended.



1F Harbor entrance, east side (T-0-2) Radioactive Concentration of Seawater

※ Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).

Discharge Suspension Level: Index for determining if discharge needs to be suspended.



1F Harbor entrance, southeast side (T-0-3A) Radioactive Concentration of Seawater

X Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).

Discharge Suspension Level: Index for determining if discharge needs to be suspended.



1F South side of southern sea wall (T-0-3) Radioactive Concentration of Seawater

% Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).

Discharge Suspension Level: Index for determining if discharge needs to be suspended.



1.5km offshore north of the 1F site(T-A1) Radioactive Concentration of Seawater

% Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).

Discharge Suspension Level: Index for determining if discharge needs to be suspended.



1.5km offshore of 1F site (T-A2) Radioactive Concentration of Seawater

% Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).

Discharge Suspension Level: Index for determining if discharge needs to be suspended.



1.5km offshore south of 1F site(T-A3) Radioactive Concentration of Seawater

% Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).

Discharge Suspension Level: Index for determining if discharge needs to be suspended.



3km offshore of 1F site(T-D5) Surface layer Radioactive Concentration of Seawater

% Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).

Discharge Suspension Level: Index for determining if discharge needs to be suspended.



Around 3km offshore of Ukedo River (T-S3) Surface layer Radioactive Concentration of Seawater

% Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).

Discharge Suspension Level: Index for determining if discharge needs to be suspended.



Around 3km offshore of 1F site (T-S4) Surface layer Radioactive Concentration of Seawater

※ Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L). Discharge Suspension Level: Index for determining if discharge needs to be suspended.



Around 4km offshore of Kumagawa (T-S8) Surface layer Radioactive Concentration of Seawater

% Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).

Discharge Suspension Level: Index for determining if discharge needs to be suspended.

June 24, 2025 TEPCO Holdings Fukushima Daiichi D&D Engineering Company

Analysis Results of Seawater within 3km

of the power station (Measurements to obtain results quickly)

Summary	Confirmed to not exceed Discharge Suspension Level (700Bq/L)	
	nor Investigation Level (350Bq/L) *1	

Sampling Location	Date and Time of Sampling	H-3 (Bq/L)
1F Unit 5/6 discharge, north side (T-1)	_	_
1 F Near south discharge (T-2)	_	_
1 F North side of northern sea wall (T-0-1)	2025/06/23 07:13	< 7.5E+00
1 F Harbor entrance, northeast side (T-0-1A)	2025/06/23 07:20	< 7.4E+00
1 F Harbor entrance, east side (T-0-2)	2025/06/23 08:30	< 7.4E+00
1 F Harbor entrance, southeast side (T-0-3A)	_	_
1 F South side of southern sea wall (T-0-3)	_	_
1.5km offshore north of the 1F site (T-A1)	_	_
1.5km offshore of 1F site (T-A2)	2025/06/23 07:39	< 6.9E+00
1.5km offshore south of 1F site (T-A3)	_	_

 \cdot A "less than" symbol (<) indicates that the analysis result was less than the detection limit.

 \cdot A hyphen "-" indicates that the sampling was not applicable.

 \cdot Sampling may be canceled due to the weather condition, etc..

 \cdot Values are expressed in exponential notation.

For example, "3.1E+01" means " 3.1×10^{11} " and equals 31. Similarly, "3.1E+00" means " 3.1×10^{00} " and equals 3.1, and "3.1E-01" means " 3.1×10^{-11} " and equals 0.31.

*1 Discharge Suspension Level: Index for determining if discharge needs to be suspended.

Investigation Level: Index for determining actions (inspection of facilities and operational procedures,

increased monitoring, etc.) to be taken before the Discharge Suspension Level is reached.

[reference] WHO's drinking water quality guidelines for tritium:1E+04Bq/L (10,000 Bq/L)

June 24, 2025 TEPCO Holdings Fukushima Daiichi D&D Engineering Company

Analysis Results of Seawater within a 10km square

in front of the power station (Measurements to obtain results quickly)

Summary Confirmed to not exceed Discharge Suspension Level (30Bq/L) nor Investigation Level (20Bq/L) *1

Sampling Location	Date and Time of Sampling	H-3 (Bq/L)
3km offshore of 1F site (T-D5)	2025/06/23 07:51	< 6.9E+00
Around 3km offshore of Ukedo River (T-S3)	_	_
Around 3km offshore of 1F site (T-S4)		_
Around 4km offshore of Kumagawa (T-S8)	_	_

 \cdot A "less than" symbol (<) indicates that the analysis result was less than the detection limit.

• A hyphen "-" indicates that the sampling was not applicable.

• Sampling may be canceled due to the weather condition, etc..

Values are expressed in exponential notation.

For example, "3.1E+01" means " 3.1×10^{11} " and equals 31. Similarly, "3.1E+00" means " 3.1×10^{01} " and equals 3.1, and "3.1E-01" means " 3.1×10^{-11} " and equals 0.31.

*1 Discharge Suspension Level: Index for determining if discharge needs to be suspended.

Investigation Level: Index for determining actions (inspection of facilities and operational procedures,

increased monitoring, etc.) to be taken before the Discharge Suspension Level is reached.

[reference] WHO's drinking water quality guidelines for tritium:1E+04Bq/L (10,000 Bq/L)