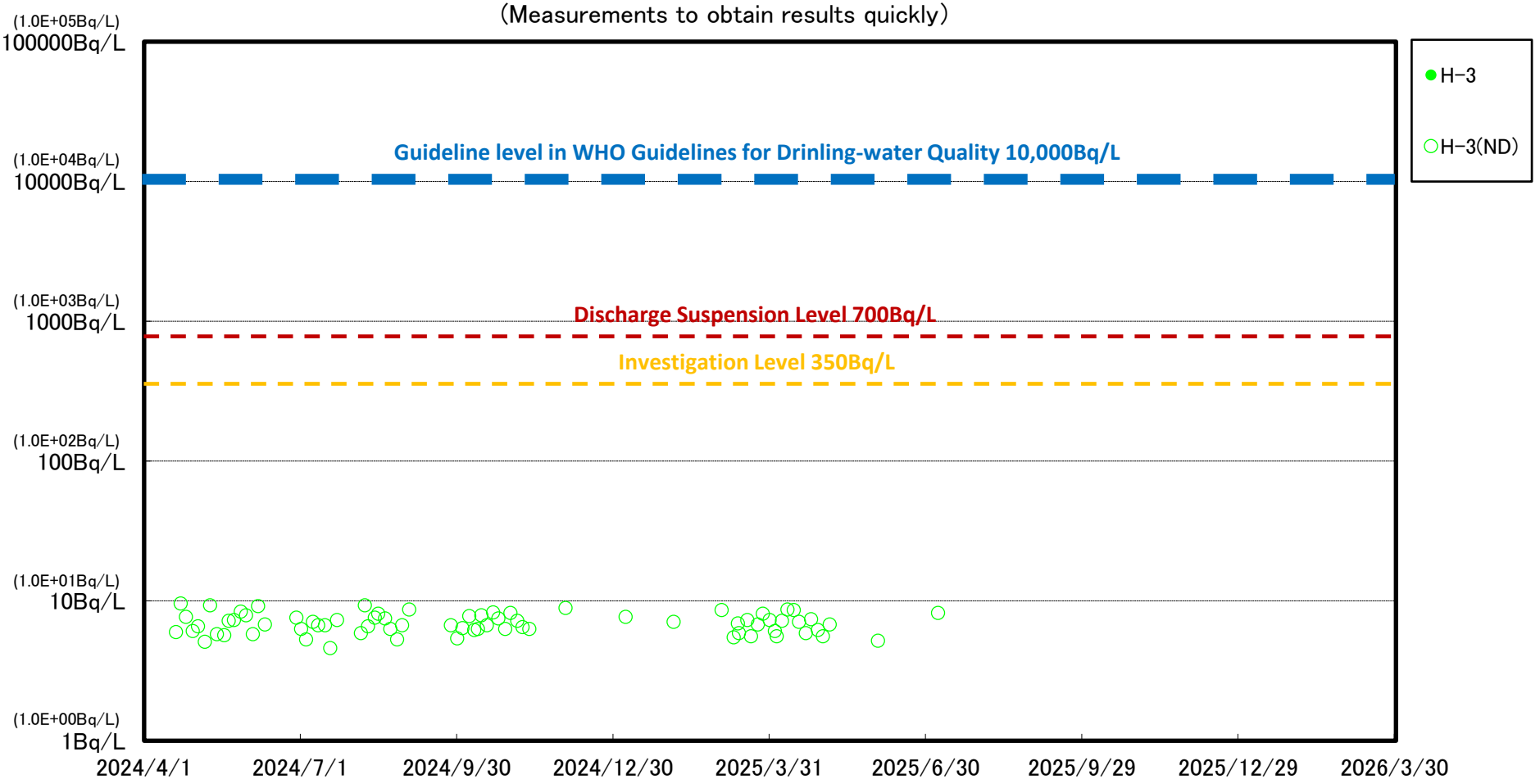
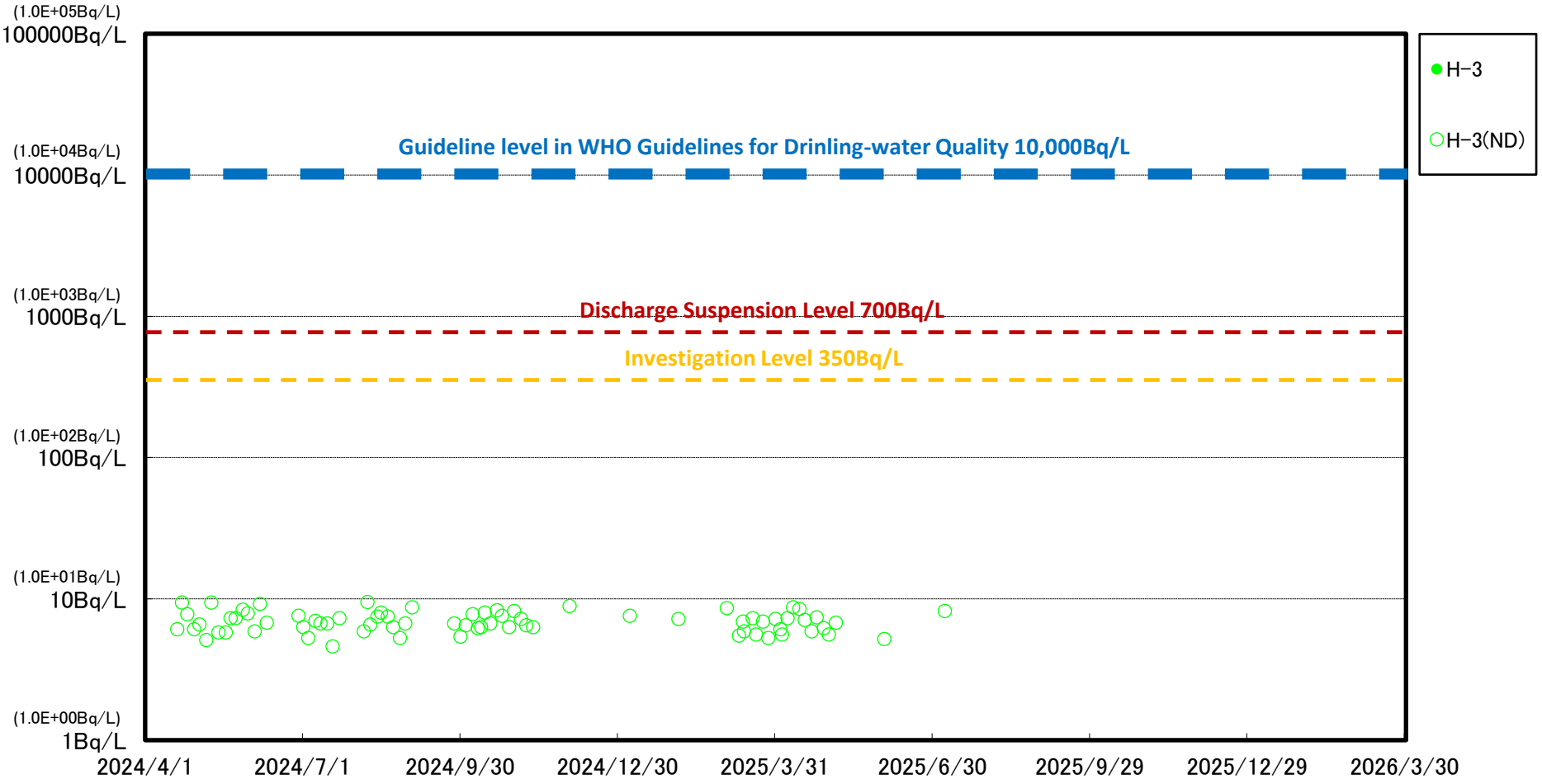
1F Unit 5/6 discharge, north side (T-1) Radioactive Concentration of Seawater
(Measurements to obtain results quickly)



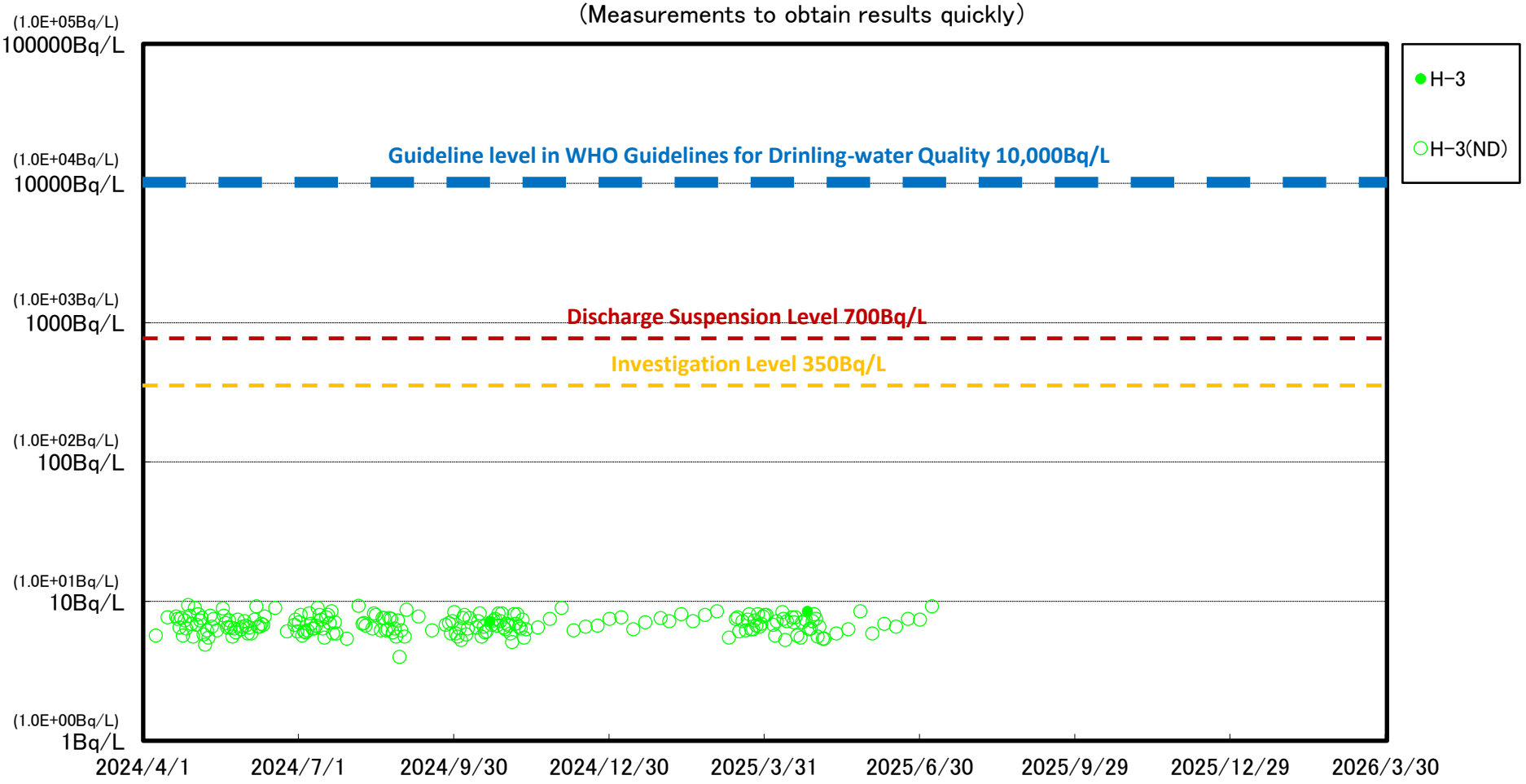
※ Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).
Discharge Suspension Level: Index for determining if discharge needs to be suspended.
Investigation Level: Index for determining actions (inspection of facilities and operational procedures, increased monitoring, etc.) to be taken before the Discharge Suspension Level is reached.
※※ ND indicates that concentrations were below detection limits. Detection limits vary depending on the measurement environment and the measurement device.

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



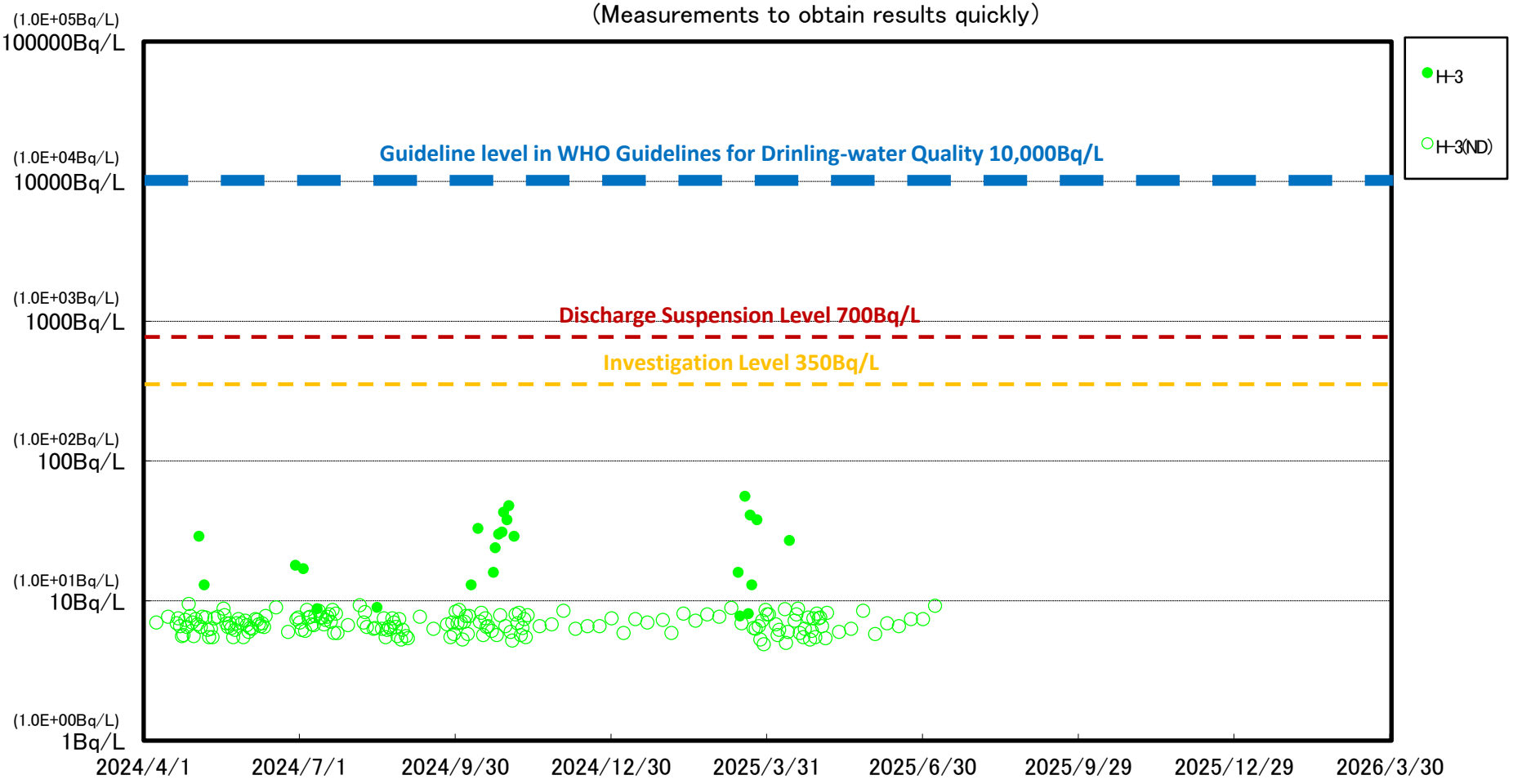
※ Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).
Discharge Suspension Level: Index for determining if discharge needs to be suspended.
Investigation Level: Index for determining actions (inspection of facilities and operational procedures, increased monitoring, etc.) to be taken before the Discharge Suspension Level is reached.
※※ ND indicates that concentrations were below detection limits. Detection limits vary depending on the measurement environment and the measurement device.

1F North side of northern sea wall（T-0-1） Radioactive Concentration of Seawater
（Measurements to obtain results quickly）

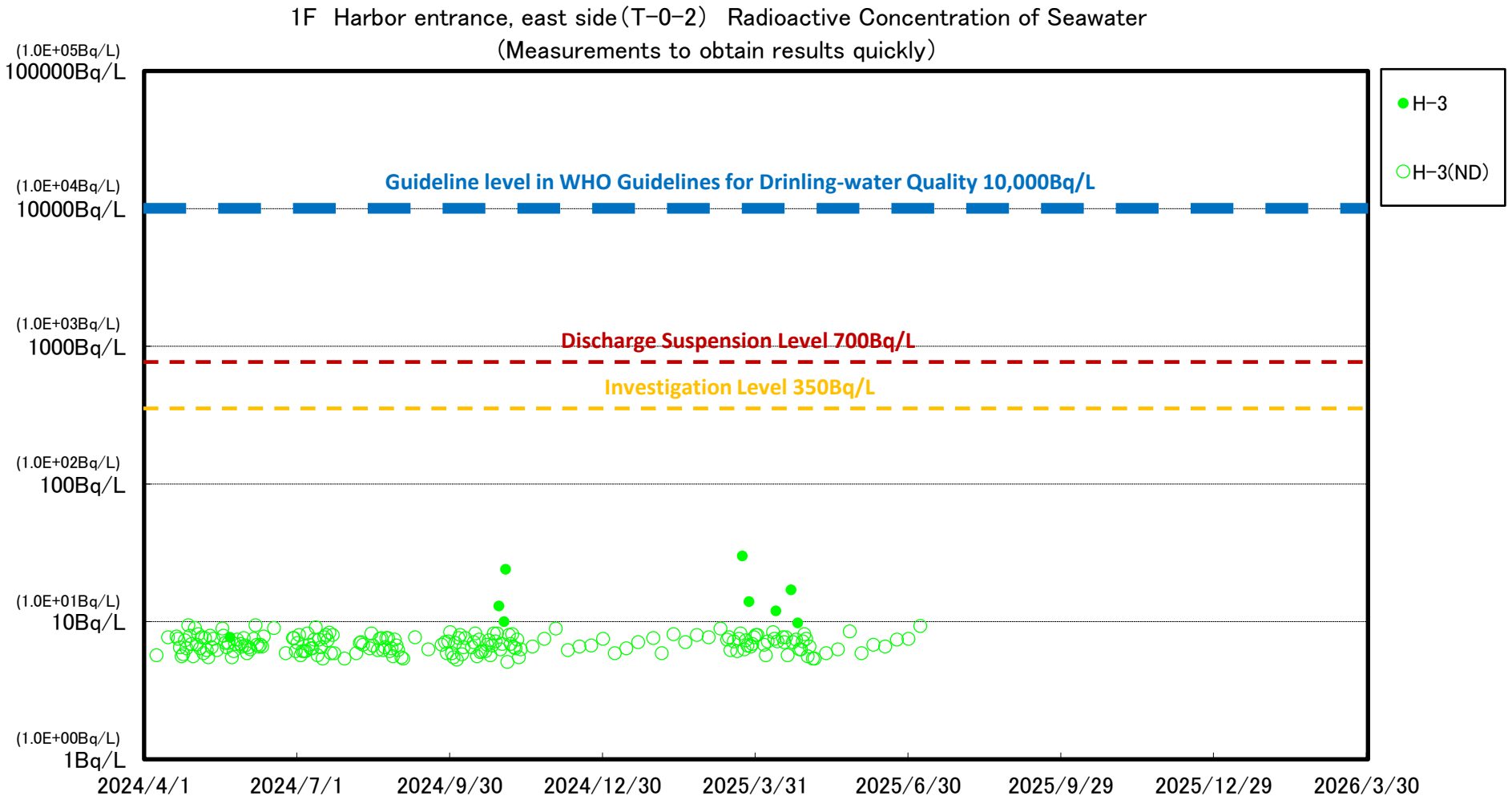


※ Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).
Discharge Suspension Level: Index for determining if discharge needs to be suspended.
Investigation Level: Index for determining actions (inspection of facilities and operational procedures, increased monitoring, etc.) to be taken before the Discharge Suspension Level is reached.
※※ ND indicates that concentrations were below detection limits. Detection limits vary depending on the measurement environment and the measurement device.

1F Harbor entrance, northeast side（T-0-1A） Radioactive Concentration of Seawater
(Measurements to obtain results quickly)

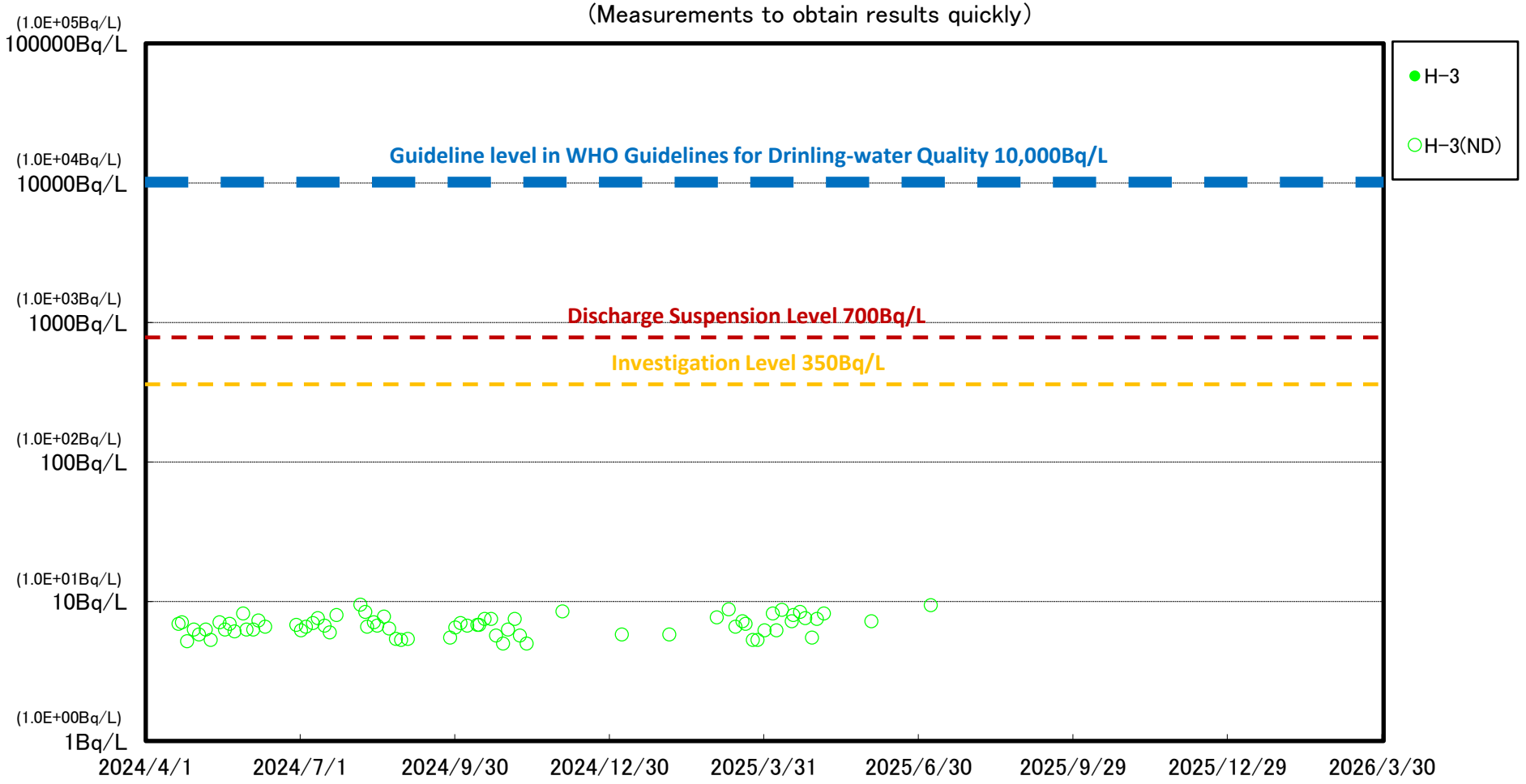


※ Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).
Discharge Suspension Level: Index for determining if discharge needs to be suspended.
Investigation Level: Index for determining actions (inspection of facilities and operational procedures, increased monitoring, etc.) to be taken before the Discharge Suspension Level is reached.
※※ ND indicates that concentrations were below detection limits. Detection limits vary depending on the measurement environment and the measurement device.

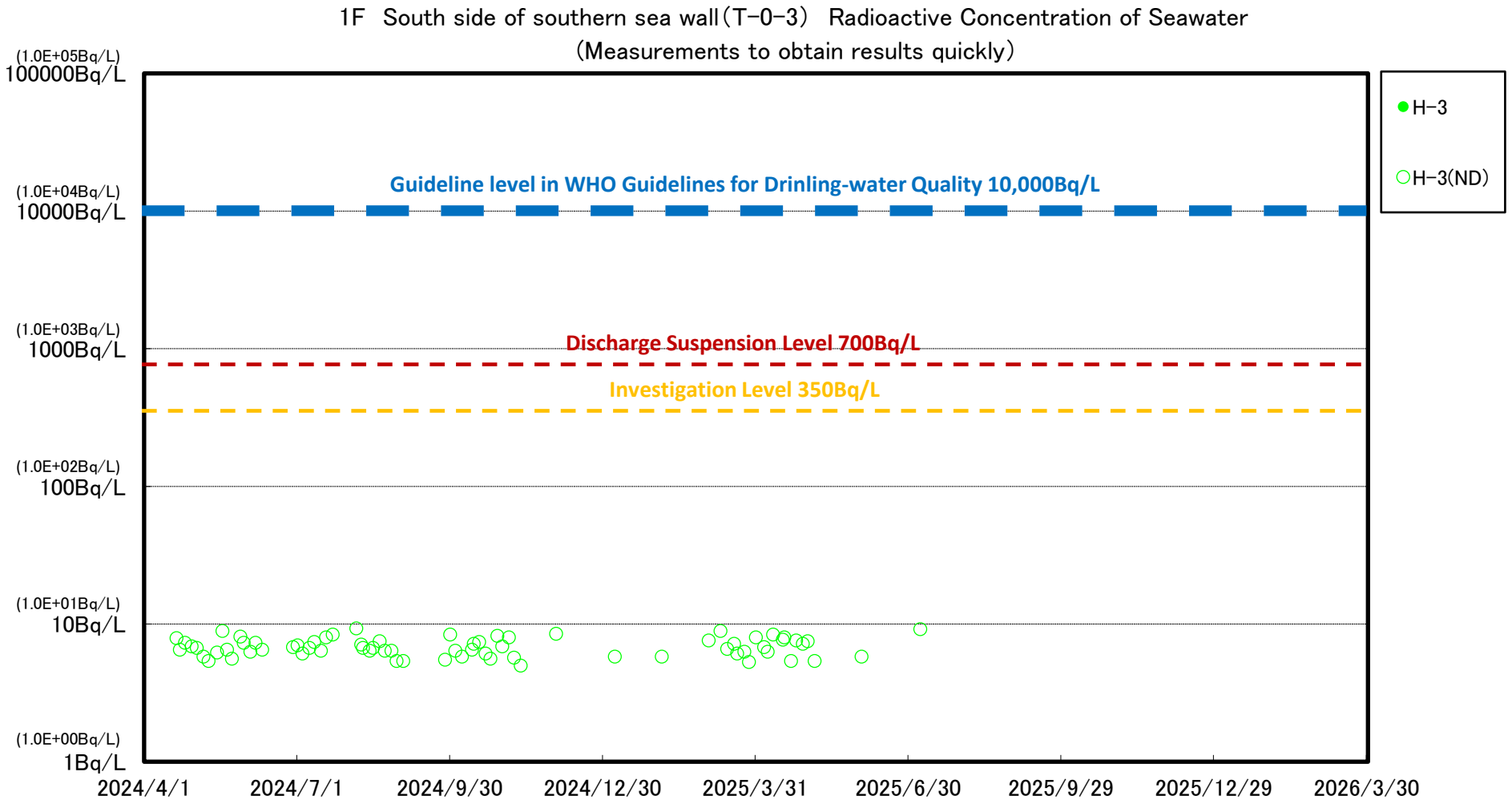


※ Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).
Discharge Suspension Level: Index for determining if discharge needs to be suspended.
Investigation Level: Index for determining actions (inspection of facilities and operational procedures, increased monitoring, etc.) to be taken before the Discharge Suspension Level is reached.
※※ ND indicates that concentrations were below detection limits. Detection limits vary depending on the measurement environment and the measurement device.

1F Harbor entrance, southeast side（T-0-3A） Radioactive Concentration of Seawater
(Measurements to obtain results quickly)

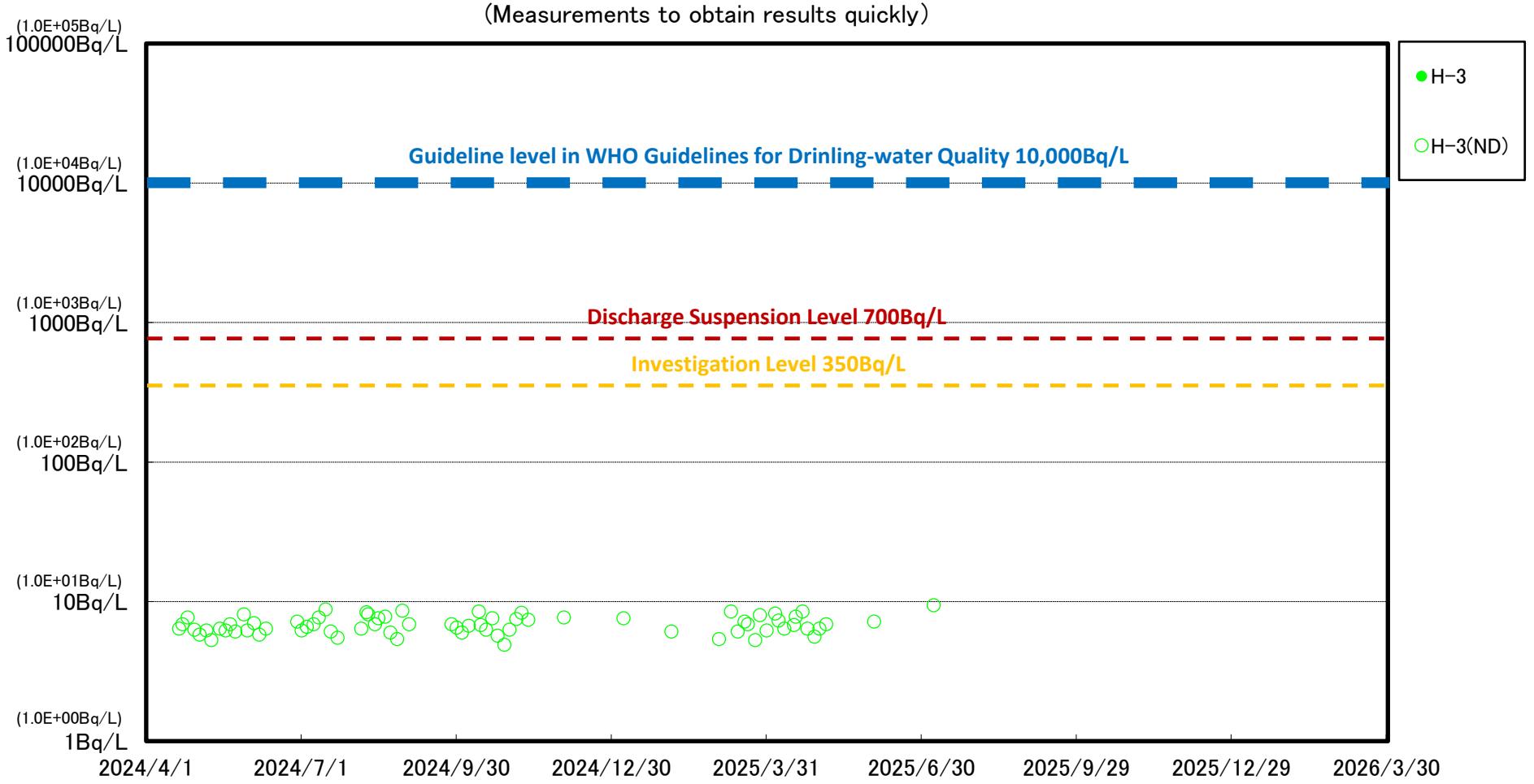


※ Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).
Discharge Suspension Level: Index for determining if discharge needs to be suspended.
Investigation Level: Index for determining actions (inspection of facilities and operational procedures, increased monitoring, etc.) to be taken before the Discharge Suspension Level is reached.
※※ ND indicates that concentrations were below detection limits. Detection limits vary depending on the measurement environment and the measurement device.

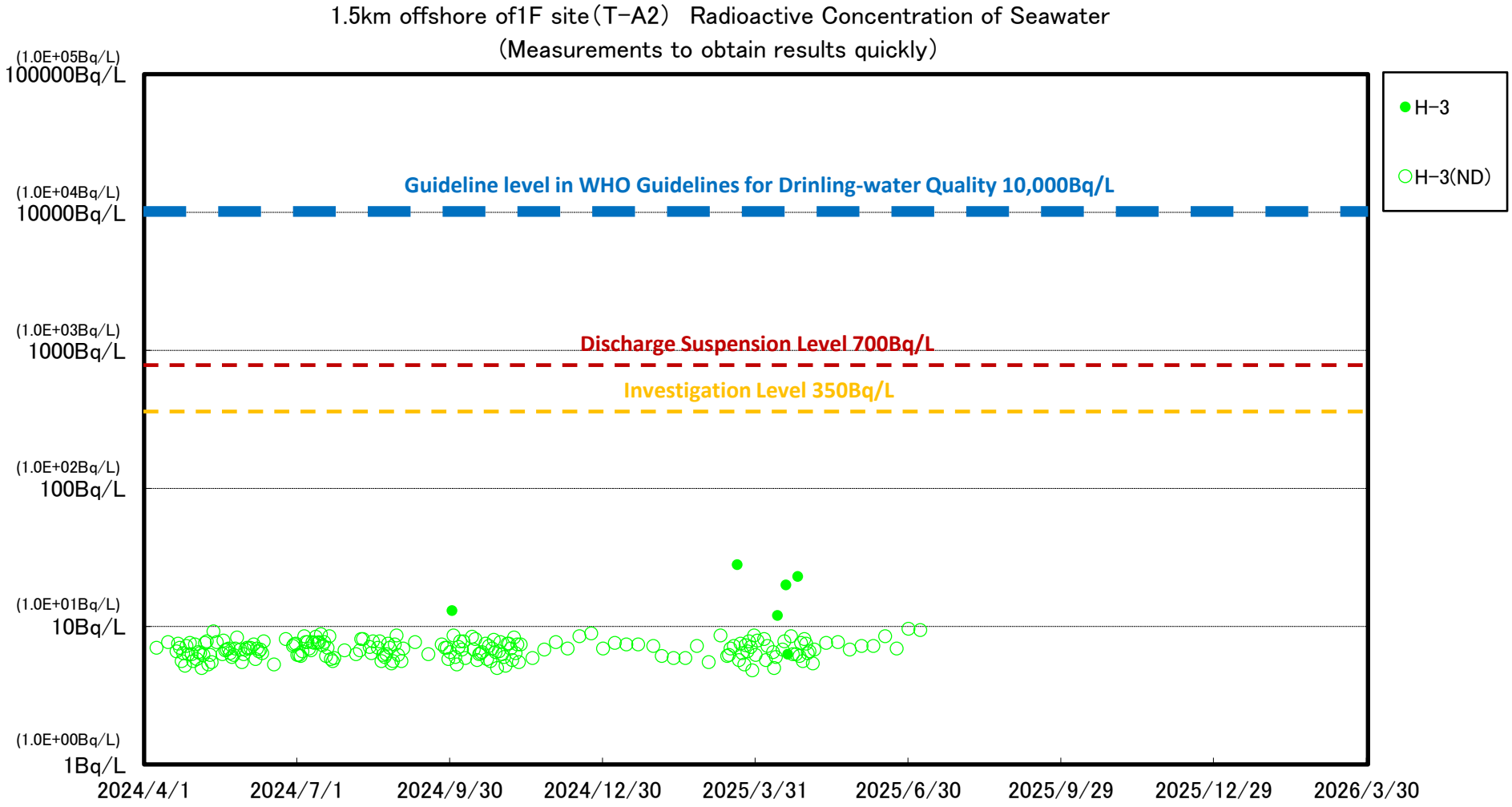


※ Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).
Discharge Suspension Level: Index for determining if discharge needs to be suspended.
Investigation Level: Index for determining actions (inspection of facilities and operational procedures, increased monitoring, etc.) to be taken before the Discharge Suspension Level is reached.
※※ ND indicates that concentrations were below detection limits. Detection limits vary depending on the measurement environment and the measurement device.

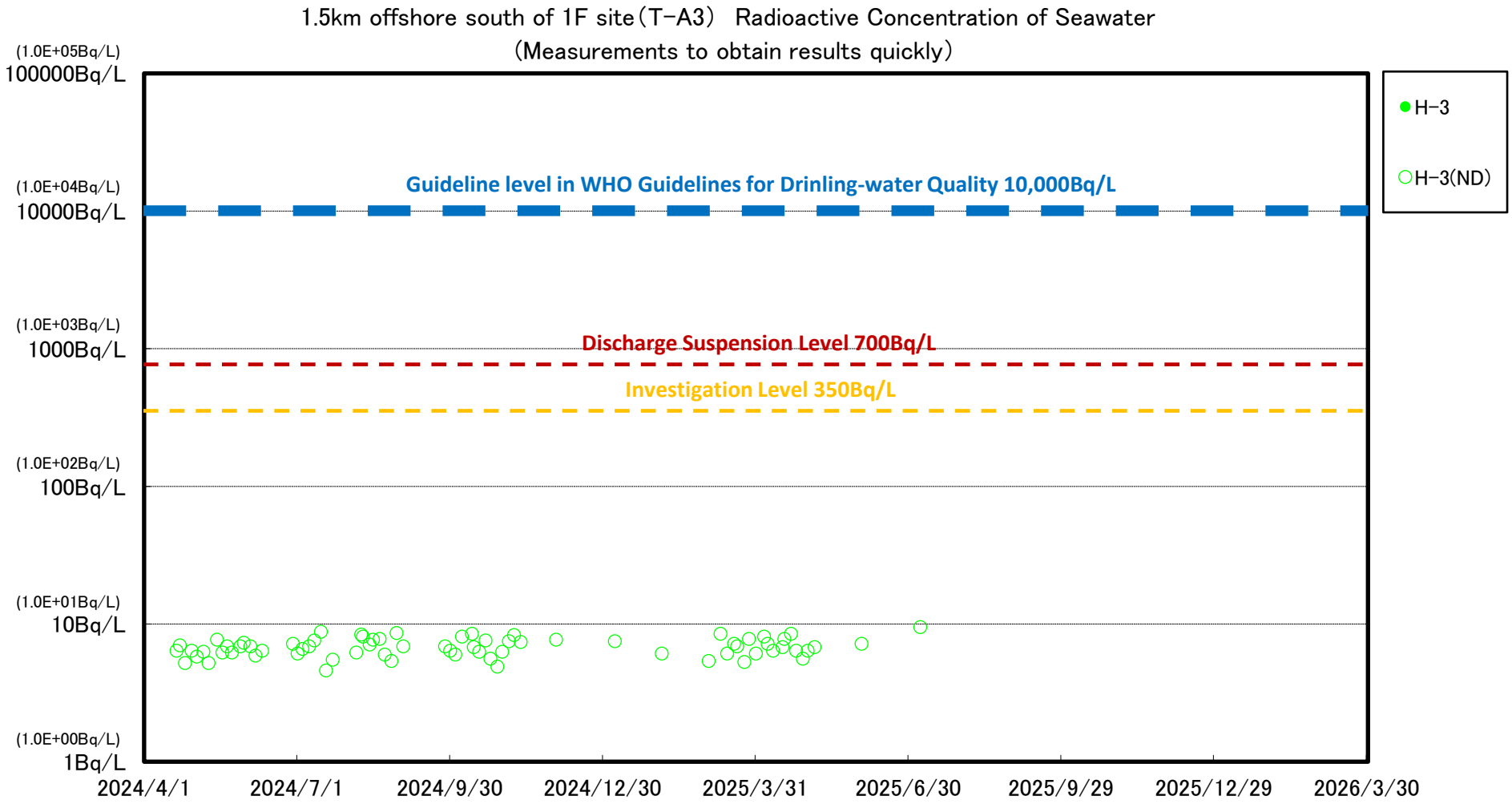
1.5km offshore north of the 1F site（T-A1） Radioactive Concentration of Seawater
(Measurements to obtain results quickly)



※ 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.
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.
※※ ND indicates that concentrations were below detection limits. Detection limits vary depending on the measurement environment and the measurement device.

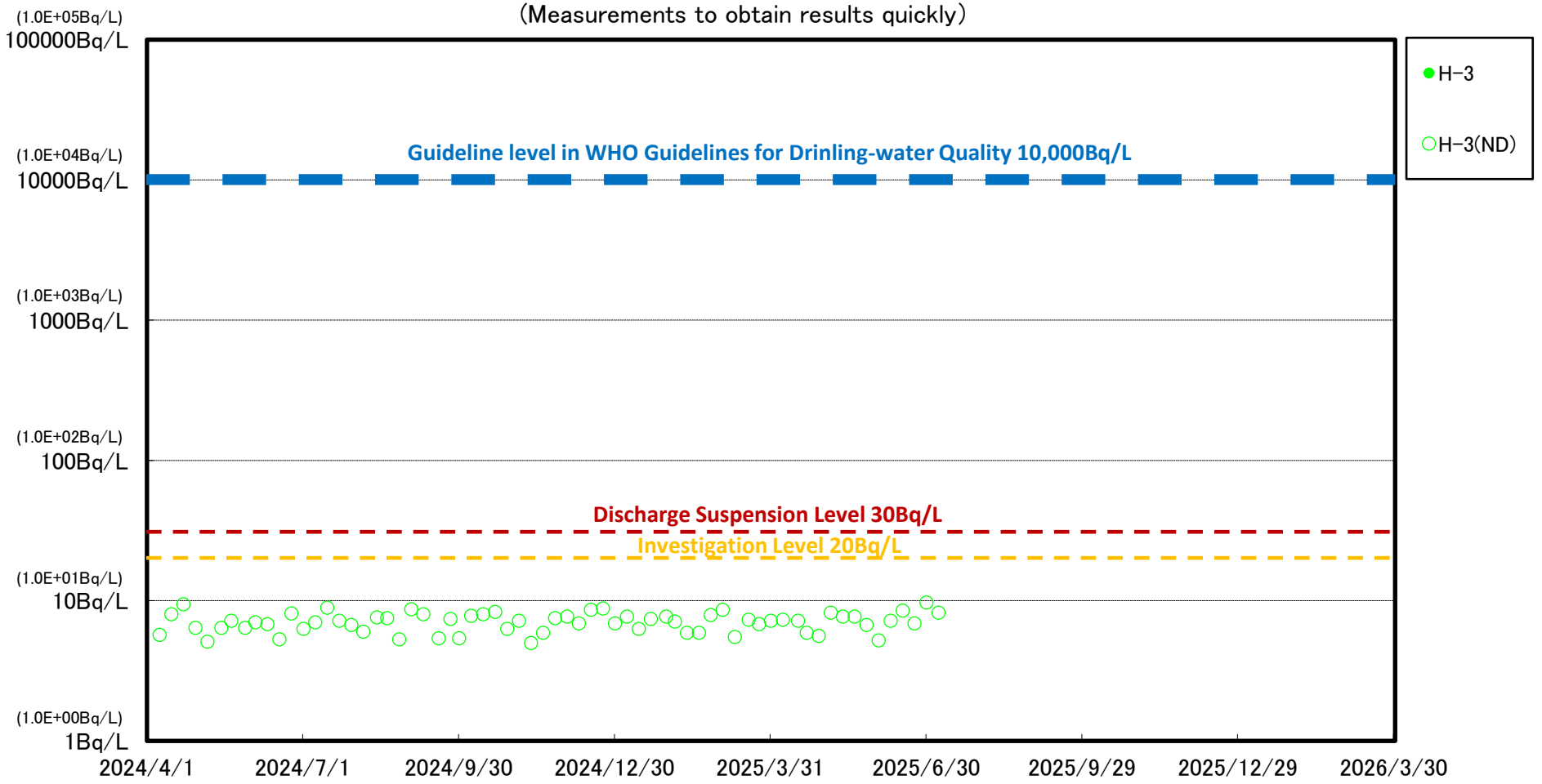


※ Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).
Discharge Suspension Level: Index for determining if discharge needs to be suspended.
Investigation Level: Index for determining actions (inspection of facilities and operational procedures, increased monitoring, etc.) to be taken before the Discharge Suspension Level is reached.
※※ ND indicates that concentrations were below detection limits. Detection limits vary depending on the measurement environment and the measurement device.



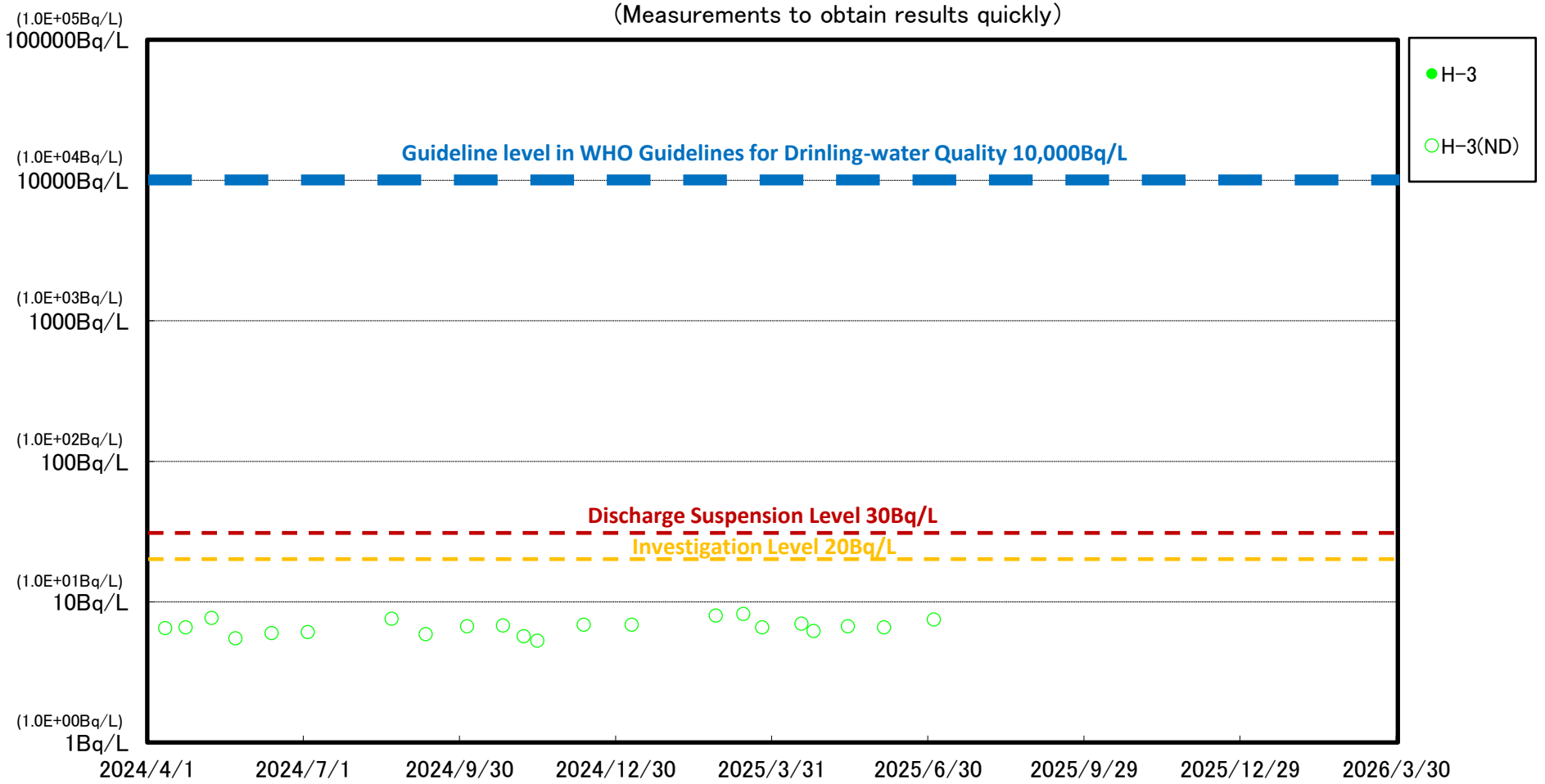
※ Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).
Discharge Suspension Level: Index for determining if discharge needs to be suspended.
Investigation Level: Index for determining actions (inspection of facilities and operational procedures, increased monitoring, etc.) to be taken before the Discharge Suspension Level is reached.
※※ ND indicates that concentrations were below detection limits. Detection limits vary depending on the measurement environment and the measurement device.

3km offshore of 1F site（T-D5） Surface layer Radioactive Concentration of Seawater
(Measurements to obtain results quickly)



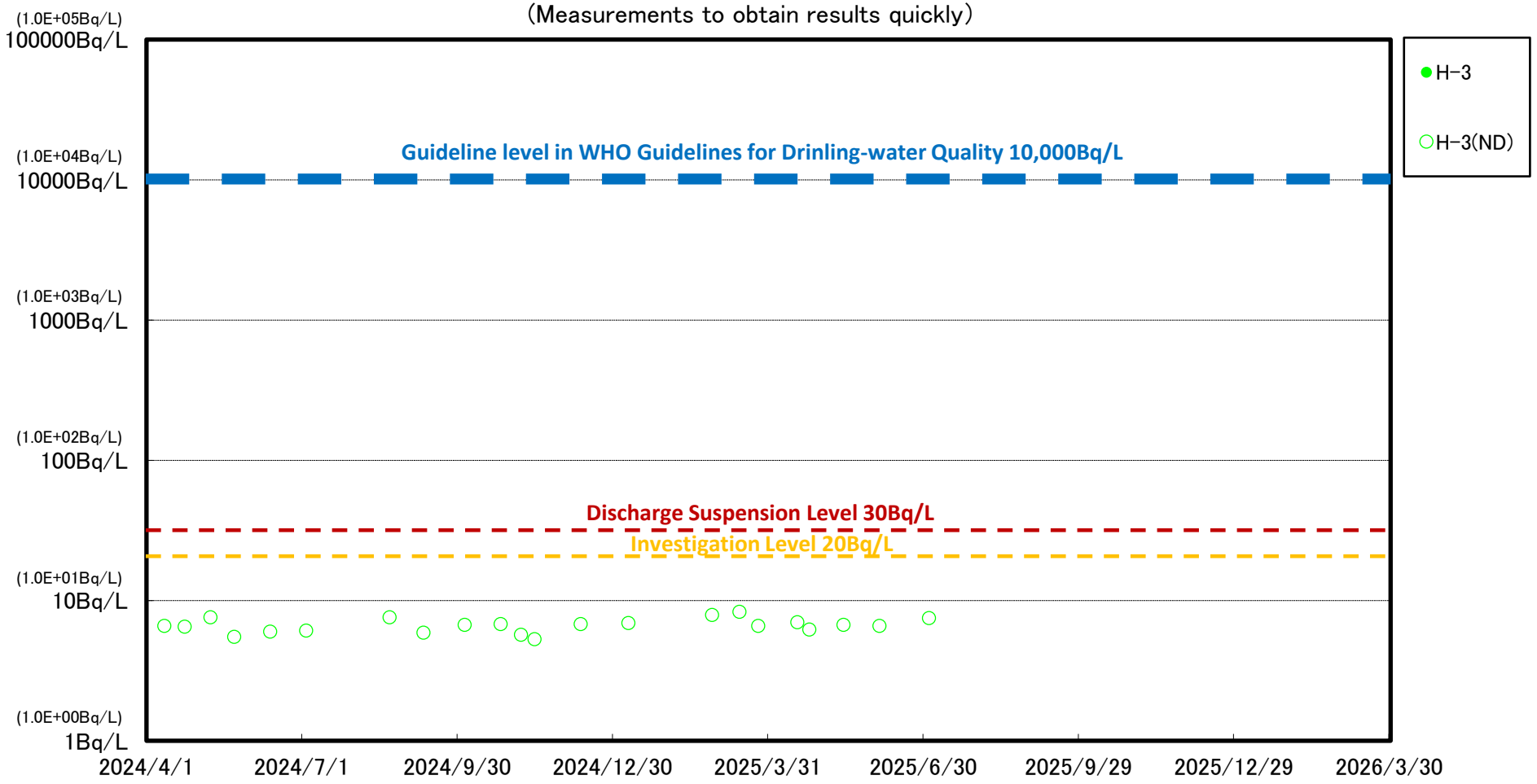
※ Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).
Discharge Suspension Level: Index for determining if discharge needs to be suspended.
Investigation Level: Index for determining actions (inspection of facilities and operational procedures, increased monitoring, etc.) to be taken before the Discharge Suspension Level is reached.
※※ ND indicates that concentrations were below detection limits. Detection limits vary depending on the measurement environment and the measurement device.

Around 3km offshore of Ukedo River（T-S3） Surface layer Radioactive Concentration of Seawater
(Measurements to obtain results quickly)



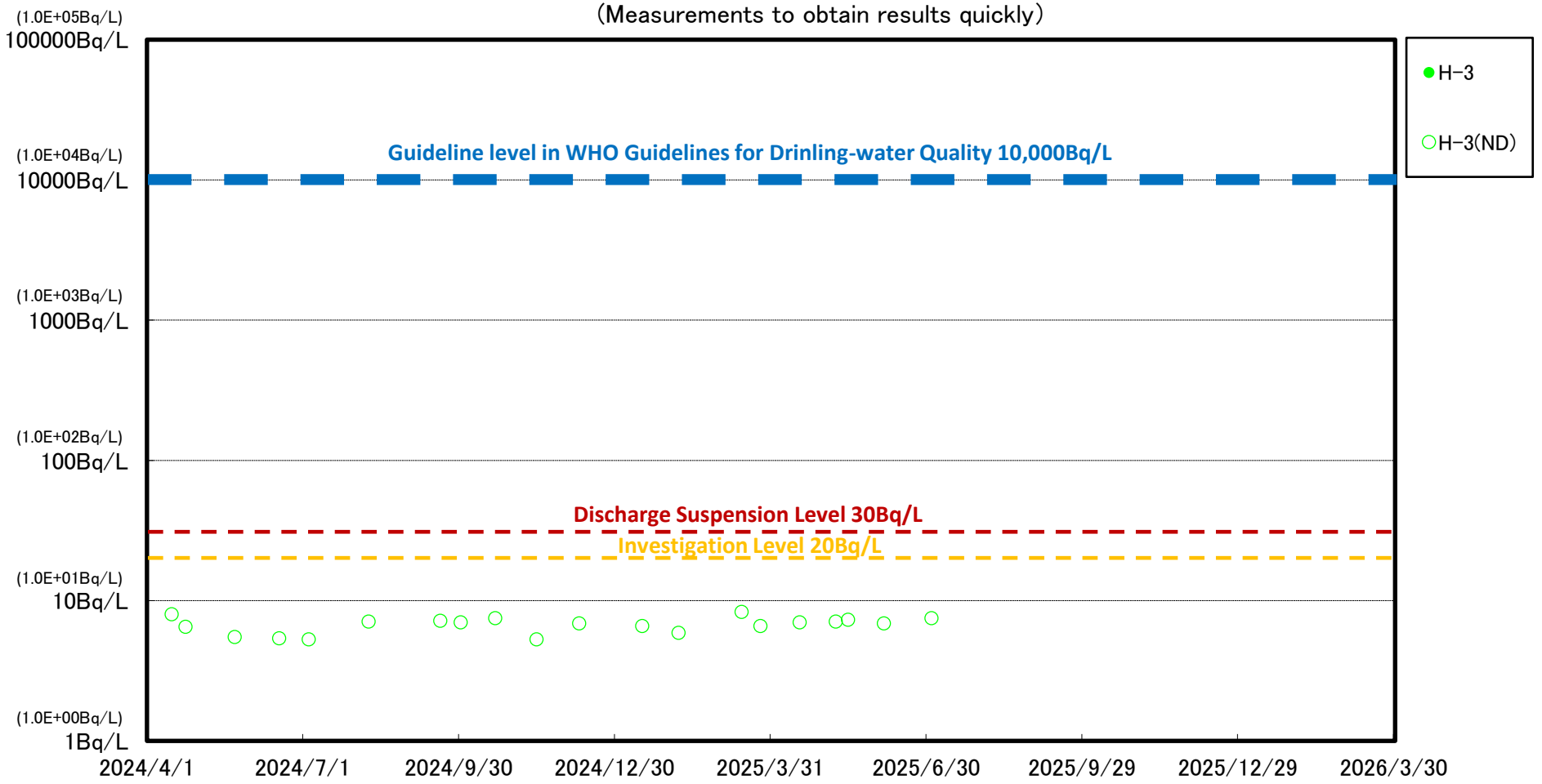
※ Guideline level for Tritium(H-3) in WHO Guidelines for Drinking-water Quality is 1.0E+04Bq/L (10,000Bq/L).
Discharge Suspension Level: Index for determining if discharge needs to be suspended.
Investigation Level: Index for determining actions (inspection of facilities and operational procedures, increased monitoring, etc.) to be taken before the Discharge Suspension Level is reached.
※※ ND indicates that concentrations were below detection limits. Detection limits vary depending on the measurement environment and the measurement device.

Around 3km offshore of 1F site (T-S4)　Surface layer　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.
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.
※※　ND indicates that concentrations were below detection limits. Detection limits vary depending on the measurement environment and the measurement device.

Around 4km offshore of Kumagawa (T-S8)　Surface layer　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.
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.
※※　ND indicates that concentrations were below detection limits. Detection limits vary depending on the measurement environment and the measurement device.

July 08, 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)	2025/07/07 07:20	< 8.2E+00
1F Near south discharge (T-2)	2025/07/07 08:10	< 8.2E+00
1F North side of northern sea wall (T-0-1)	2025/07/07 07:10	< 9.2E+00
1F Harbor entrance, northeast side (T-0-1A)	2025/07/07 07:15	< 9.2E+00
1F Harbor entrance, east side (T-0-2)	2025/07/07 08:57	< 9.3E+00
1F Harbor entrance, southeast side (T-0-3A)	2025/07/07 08:51	< 9.4E+00
1F South side of southern sea wall (T-0-3)	2025/07/07 08:45	< 9.2E+00
1.5km offshore north of the 1F site (T-A1)	2025/07/07 07:24	< 9.4E+00
1.5km offshore of 1F site (T-A2)	2025/07/07 07:35	< 9.4E+00
1.5km offshore south of 1F site (T-A3)	2025/07/07 08:36	< 9.5E+00

・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^{1}" and equals 31. Similarly, “3.1E+00” means “$3.1x10^{0}$” and equals 3.1, and “3.1E-01” means “$3.1x10^{-1}$” 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)

July 08, 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)	2025/07/07 08:25	< 8.2E+00
Around 3km offshore of Ukedo River (T-S3)	—	—
Around 3km offshore of 1F site (T-S4)	—	—
Around 4km offshore of Kumagawa (T-S8)	—	—

・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^{1}" and equals 31. Similarly, “3.1E+00” means “$3.1x10^{0}$” and equals 3.1, and “3.1E-01” means “$3.1x10^{-1}$” 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）