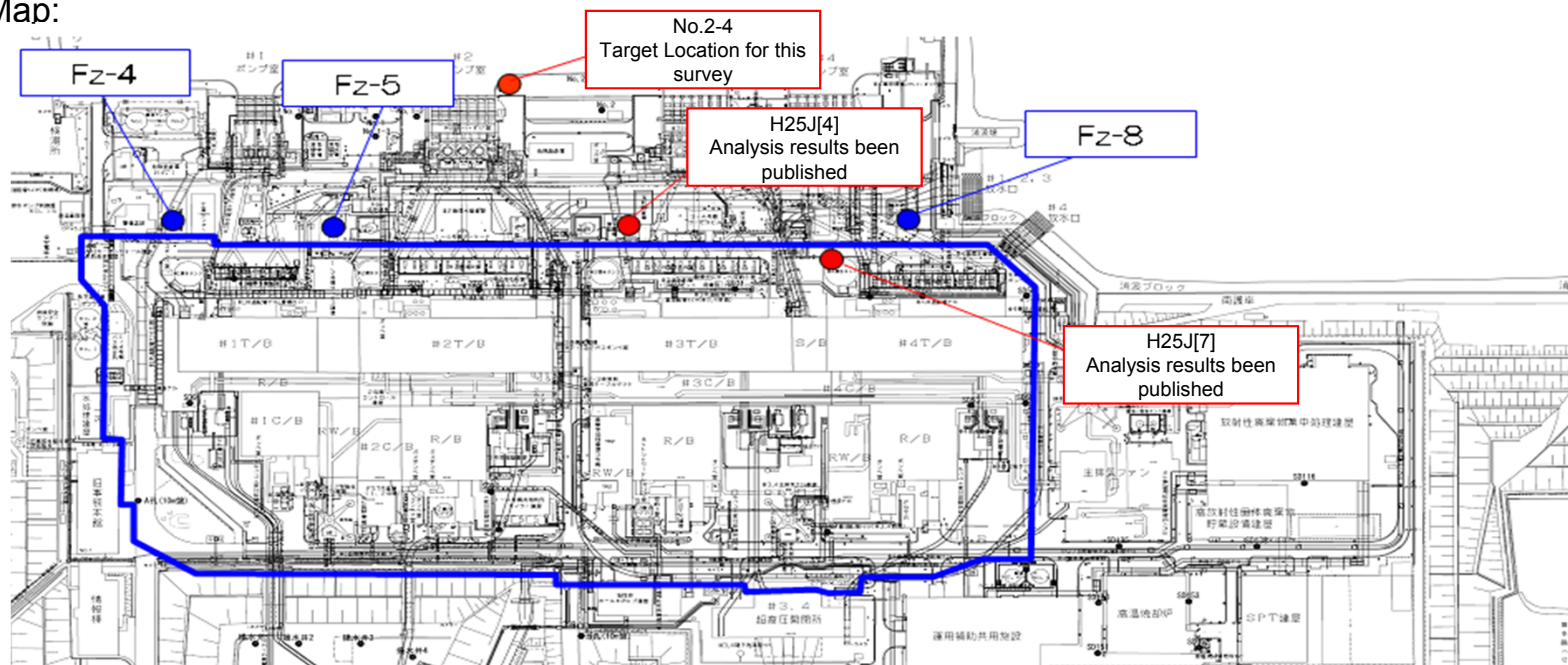


# Water Quality Survey of the Lower Permeable Layer (No. 2-4) in the Embankment Area of the Fukushima Daiichi Nuclear Power Station (bet. Water intakes of Units 2 and 3 )

Water quality survey was conducted for the groundwater in the lower permeable layer (alternate layer) located deep in the embankment area (between water intakes of Units 2 and 3).

Sampling Location Map:



Survey results:

Unit: Bq/L

Location	Sampling date	Cs134	Cs137	Gross β	H-3	Remarks
No.2-4	May/21/2014	ND (0.4)	ND (0.5)	ND (16)	ND (110)	The same procedures which were applied for the water analysis of the lower permeable layer ( see H25J[4] & H25J [7]) on the East side of turbine bldg. (sea side) was followed to obtain a sample after replacing the whole water in the observation hole with a pump.

\*: "ND" indicates a case where the analysis result is below the detection limit value that is shown in parentheses under the "ND".

# 【Reference】 Water Quality Survey Results of the lower permeable layer (alternate layer) on the east side of turbine building (seaside)

## ○ Analysis results

Unit: Bq/L

Location	Sampling point	Sampling date	Cs134	Cs137	Gross $\beta$	H-3	Sampling methods
Seaside of Unit 3 H25J [4]	Lower permeable layer (Alternate layer)	Apr/29/2014	ND (0.3)	ND (0.2)	ND (15)	ND (110)	Water obtained after replacing the whole water in the observation hole using a pump.
Seaside bet. Units 3 &4 H25J [7]	Lower permeable layer (Alternate layer)	Jan/10/2014	ND (0.4)	ND (0.5)	ND (12)	480	Water obtained after replacing the whole water in the observation hole using a pump.
		Jan/16/2014	ND (0.4)	1.0	ND (14)	ND (110)	Water obtained manually from the upper part of the observation hole with water sampler.
			ND (0.4)	ND (0.4)	ND (14)	ND (110)	Water obtained after firstly a small amount of water (approx. 10 L) was pumped up from the deeper part of the observation hole.
		May/9/2014	ND (0.4)	ND (0.3)	ND (17)	130	Water obtained after approx. 100 L or more water was pumped up from the deeper part of the observation hole.

\*: "ND" indicates a case where the analysis result is below the detection limit value that is shown in parentheses under the "ND".