

# Sea Area Monitoring

July 26, 2021

Nuclear Regulation Authority (NRA), Japan

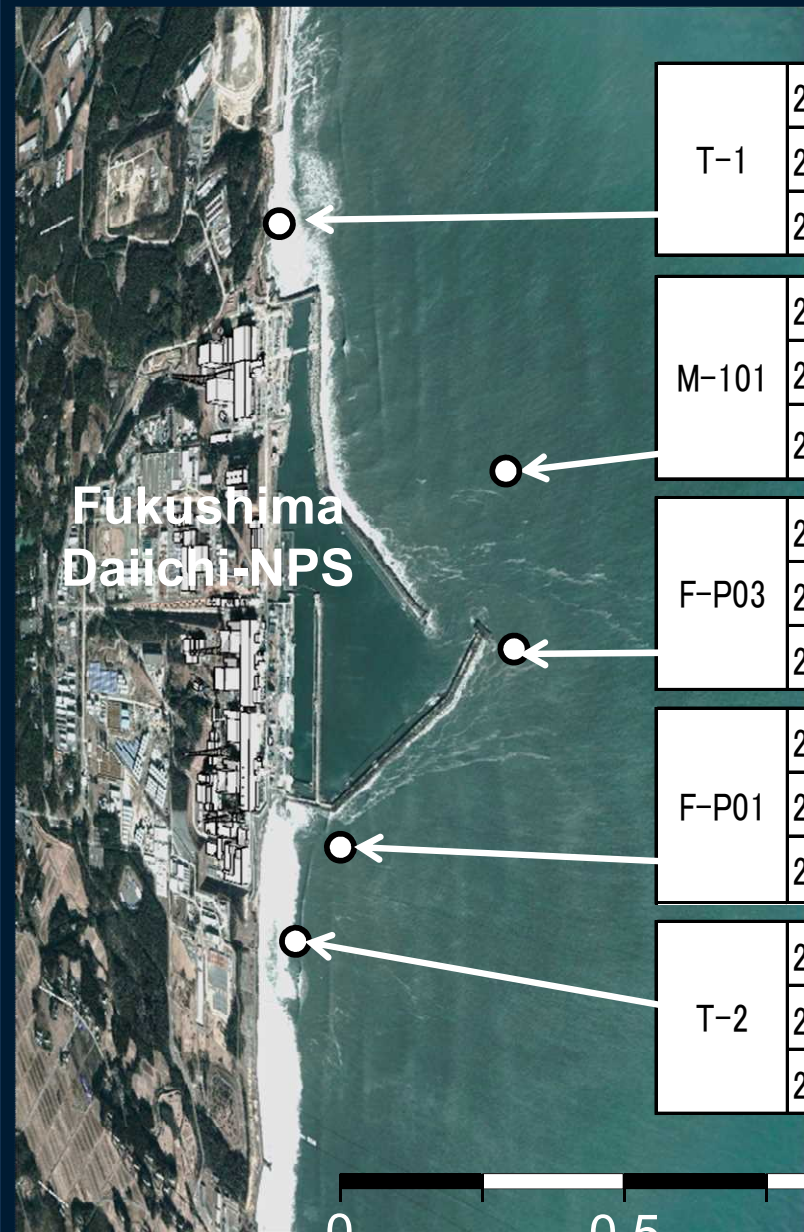
# The most recent radioactivity data of sea area within 2km from the NPS

Sampling point	Sampling Date	Cs-134	Cs-137	Gross $\beta$	H-3	Sr-90	Gross $\alpha$	Pu-238	Pu-239+Pu-240
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Seawater radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

\* 1 : Gross  $\beta$  : including K-40      \* 2 : Gross  $\beta$  : excluding K-40



T-1	2021/4/7	0.0033	0.08	12 <sup>*1</sup>	ND(0.84)	0.0066	ND(2.1)	ND( $5 \times 10^{-6}$ )	ND( $5 \times 10^{-6}$ )
	2021/5/3	0.0015	0.04	9.7 <sup>*1</sup>	1.2	0.0056	ND(1.9)		
	2021/6/7	0.0047	0.10	13 <sup>*1</sup>	ND(0.85)	0.0084	ND(2.3)		
M-101	2021/4/22	0.00056	0.013			0.0010			
	2021/5/19	ND(0.00045)	0.0098			0.00079			
	2021/6/11	0.00063	0.013						
F-P03	2021/1/7	0.004	0.056	0.04 <sup>*2</sup>	ND(0.34)	0.0020		ND( $7 \times 10^{-6}$ )	ND( $7 \times 10^{-6}$ )
	2021/2/12	ND(0.004)	0.030	0.04 <sup>*2</sup>	ND(0.34)	0.0011		ND( $9 \times 10^{-6}$ )	0.000014
	2021/3/4	0.003	0.098	0.03 <sup>*2</sup>	ND(0.33)	0.0072		ND( $1 \times 10^{-5}$ )	0.000018
F-P01	2021/1/7	ND(0.002)	0.016	0.05 <sup>*2</sup>	ND(0.34)	0.0006		ND( $7 \times 10^{-6}$ )	ND( $7 \times 10^{-6}$ )
	2021/2/12	ND(0.003)	0.016	0.03 <sup>*2</sup>	ND(0.33)	0.0010		ND( $7 \times 10^{-6}$ )	0.000013
	2021/3/4	ND(0.002)	0.028	0.03 <sup>*2</sup>	ND(0.33)	0.0024		ND( $6 \times 10^{-6}$ )	0.000011
T-2	2021/4/7	0.0057	0.150	12 <sup>*1</sup>	ND(0.84)	0.060	ND(2.1)	ND( $5 \times 10^{-6}$ )	0.0000081
	2021/5/3	0.0035	0.089	12 <sup>*1</sup>	0.98	0.23	ND(1.9)		
	2021/6/7	0.0017	0.052	11 <sup>*1</sup>	ND(0.85)	0.0063	ND(2.3)		

0 0.5 1km

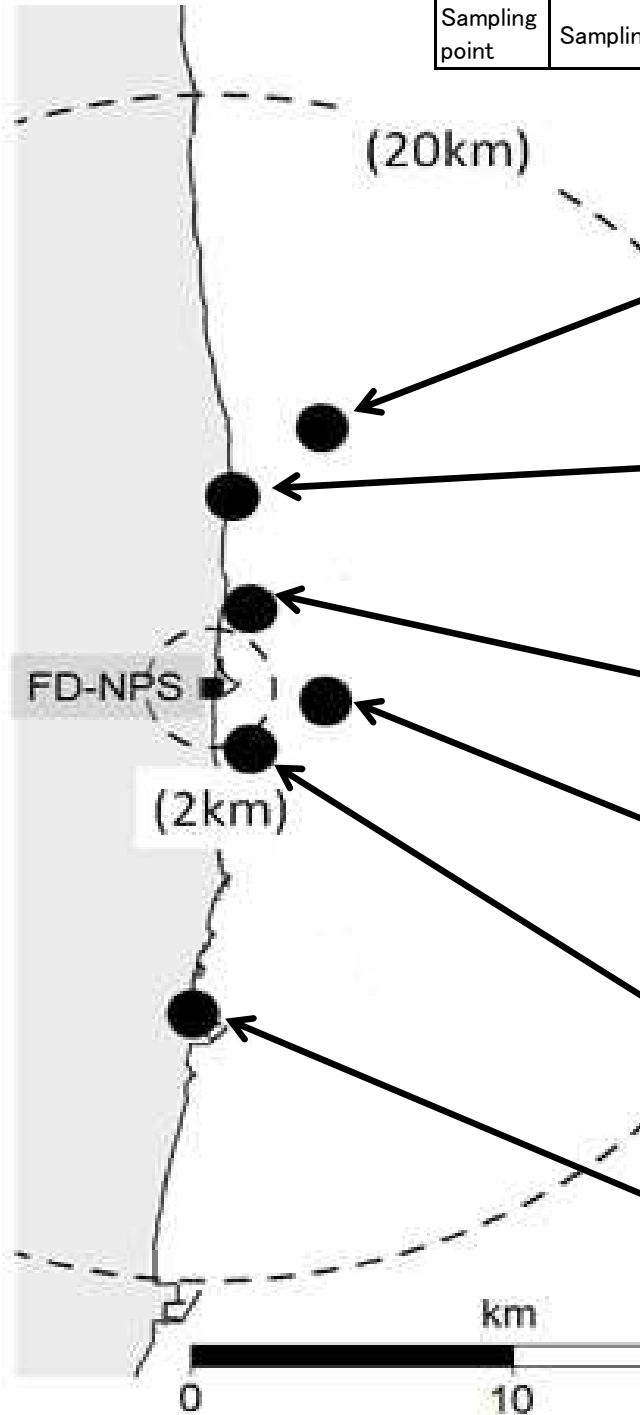
# Most recent radioactivity data of sea area between 2-20km from the NPS

Sampling point	Sampling Date	Cs-134	Cs-137	Gross $\beta$	H-3	Sr-90	Gross $\alpha$	Pu-238	Pu-239+240	S	S:2m below sea level
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Seawater radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Gross  $\beta$  : including K-40

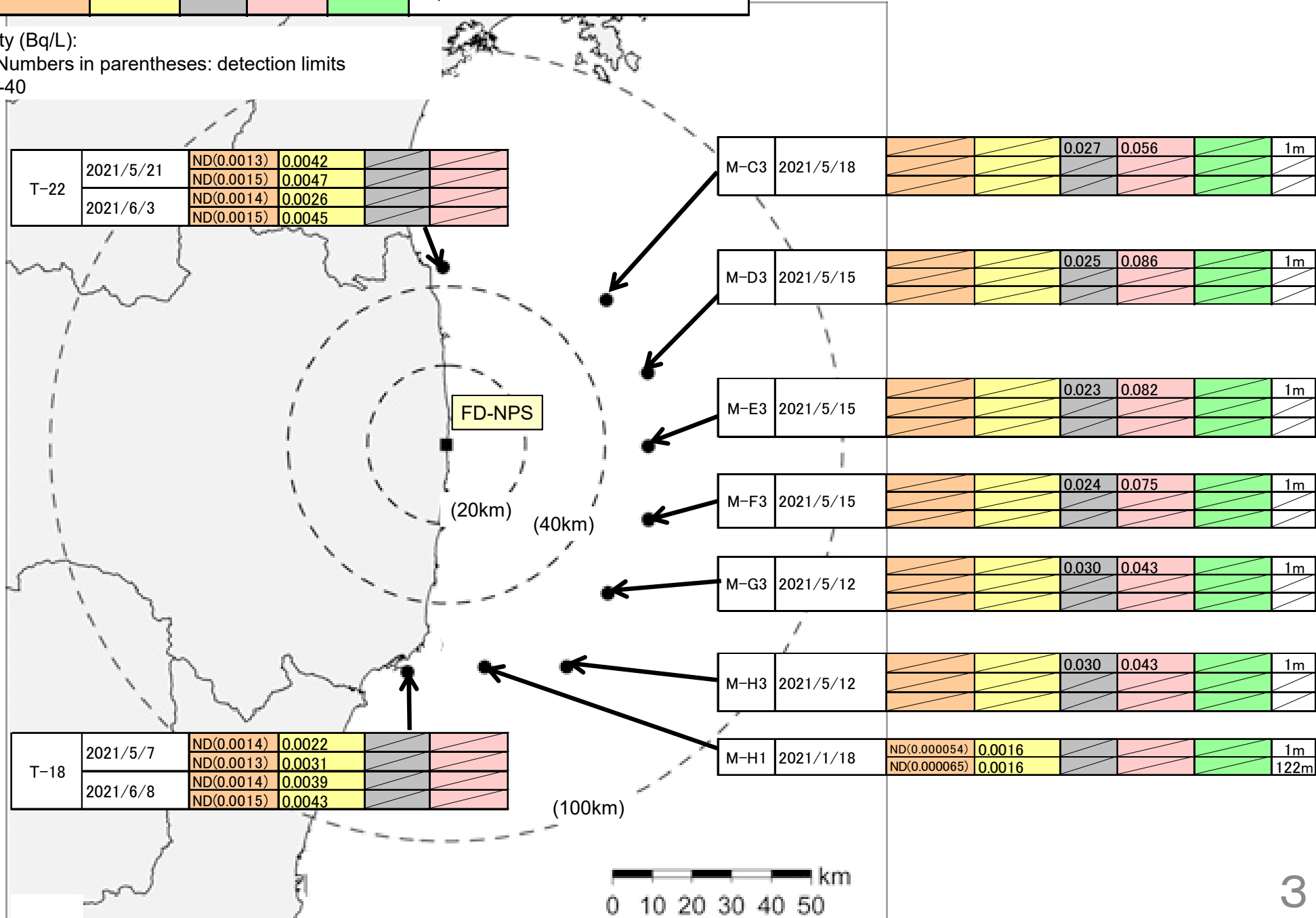


T-D1	2021/4/1	ND(0.0012)	0.0039	ND(15)	ND(0.29)	ND(0.00069)	ND(1.9)			S
	2021/5/6	ND(0.0014)	0.0073	ND(13)	ND(0.29)	ND(0.00062)	ND(1.8)			S
	2021/6/1	ND(0.0012)	0.0032	ND(14)	ND(0.30)					S
T-6	2021/4/6	0.0022	0.045	ND(12)	0.43					S
	2021/5/6	ND(0.0013)	0.017	ND(13)	ND(0.30)					S
	2021/6/1	ND(0.0013)	0.012	12	ND(0.32)					S
M-103	2021/4/22	ND(0.00047)	0.010			0.00083				0.5m
	2021/5/19	ND(0.00049)	0.0068			0.00084				0.5m
	2021/6/11	ND(0.00051)	0.0053							0.5m
T-D5	2021/4/1	ND(0.0013)	0.0064	ND(15)	ND(0.28)	0.00092	ND(1.9)			S
	2021/5/6	ND(0.0012)	0.0074	ND(13)	0.33	0.00064	ND(1.8)			S
	2021/6/1	ND(0.0011)	0.0057	ND(14)	ND(0.30)					S
M-104	2021/4/24	ND(0.00051)	0.0098			0.00094				0.5m
	2021/5/18	ND(0.00049)	0.0058			0.00096				0.5m
	2021/6/10	ND(0.00047)	0.0054							0.5m
T-3	2021/4/6	0.0022	0.038	ND(12)	ND(0.31)					S
	2021/5/6	0.0013	0.024	ND(13)	ND(0.30)					S
	2021/6/1	ND(0.0012)	0.020	ND(11)	ND(0.32)					S

# Most recent radioactivity data of sea area between 40-100km from the NPS

Sampling point	Sampling Date	Cs-134	Cs-137	Gross $\beta$	H-3	Sr-90	S/B
							S:2m below sea level B:2-3m above sea bottom
							Depth(m) from sea level

Seawater radioactivity (Bq/L):  
 ND: Not detected; Numbers in parentheses: detection limits  
 Gross  $\beta$ : excluding K-40



# Most recent radioactivity data of sea area along and off the coast of Miyagi Prefecture

S:2m below sea level B:2-3m above sea bottom

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
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Seawater radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG1	2021/5/25	ND(0.0013)	0.0026	S
		ND(0.0014)	0.0024	B
	2021/6/8	ND(0.0013)	0.0018	S
		ND(0.0016)	0.0013	B

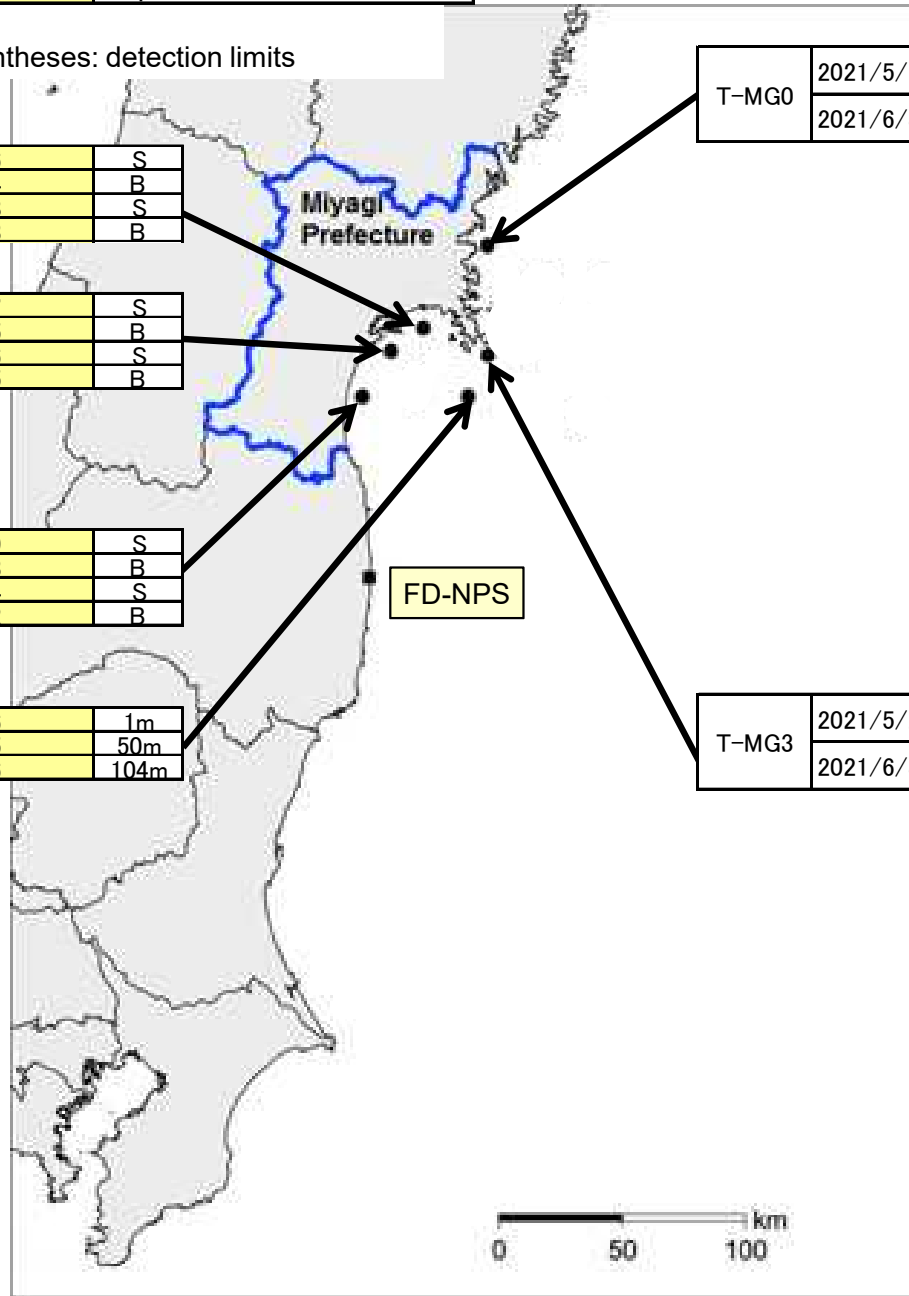
Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG4	2021/5/19	ND(0.0014)	0.0027	S
		ND(0.0014)	0.0035	B
	2021/6/9	ND(0.0014)	0.0026	S
		ND(0.0017)	0.0035	B

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG6	2021/5/19	ND(0.0013)	0.0039	S
		ND(0.0014)	0.0033	B
	2021/6/9	ND(0.0014)	0.0024	S
		ND(0.0014)	0.0042	B

Sampling point	Sampling Date	Cs-134	Cs-137	Depth(m)
M-B3	2021/1/15	ND(0.000053)	0.0016	1m
		ND(0.000053)	0.0015	50m
		ND(0.000054)	0.0016	104m

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG0	2021/5/11	ND(0.0014)	0.0015	S
		ND(0.0015)	0.0018	B
	2021/6/8	ND(0.0013)	0.0013	S
		ND(0.0012)	0.0015	B

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG3	2021/5/25	ND(0.0015)	0.0020	S
		ND(0.0013)	0.0016	B
	2021/6/8	ND(0.0013)	0.0013	S
		ND(0.0013)	0.0012	B



# Most recent radioactivity data of sea area along and off the coast of Ibaraki Pref. and Chiba Pref.

Sampling point	Sampling Date	Cs-134	Cs-137	S/B	S:2m below sea level	B:2-3m above sea bottom	Depth(m) from sea level
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Ibaraki Pref. and Chiba Pref.

Seawater radioactivity (Bq/L):  
 ND: Not detected; Numbers in parentheses:detection limits

