【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	June 18, 2011 11:30 ～ 11:50		June 18, 2011 9:00 ～ 9:10		June 18, 2011 15:33 ～ 15:43		
Detected nuclide (half-life)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－	ND	－	1E-03
Cs-134 (about 2 years)	5.4E-06	0.00	1.8E-05	0.01	ND	－	2E-03
Cs-137 (about 30 years)	6.2E-06	0.00	1.5E-05	0.01	9.2E-06	0.00	3E-03
Nb-95 (about 35 days)	ND	－	ND	－	ND	－	2E-02
Tc-99m (about 6 hours)	ND	－	ND	－	ND	－	7E-01
Ag-110m (about 250 days)	ND	－	ND	－	ND	－	3E-03
Te-129 (about 70 minutes)	ND	－	ND	－	ND	－	4E-01
Te-129m (about 34 days)	ND	－	ND	－	ND	－	4E-03
I-132 (about 2 hours)	ND	－	ND	－	ND	－	7E-02
Te-132 (about 3 days)	ND	－	ND	－	ND	－	4E-03
I-133 (about 21 hours)	ND	－	ND	－	ND	－	5E-03
Cs-136 (about 13 days)	ND	－	ND	－	ND	－	1E-02
Ba-140 (about 13 days)	ND	－	ND	－	ND	－	1E-02
La-140 (about 2 days)	ND	－	ND	－	ND	－	1E-02

※ Radioactivety density is sum total of volatile and particulate.

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	June 19, 2011 11:30 ～ 11:50		June 19, 2011 9:06 ～ 9:16		June 19, 2011 15:16 ～ 15:26		
Detected nuclide (half-life)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－	ND	－	1E-03
Cs-134 (about 2 years)	1.5E-05	0.01	1.1E-05	0.01	1.3E-05	0.01	2E-03
Cs-137 (about 30 years)	1.5E-05	0.01	1.1E-05	0.00	1.5E-05	0.01	3E-03
Nb-95 (about 35 days)	ND	－	ND	－	ND	－	2E-02
Tc-99m (about 6 hours)	ND	－	ND	－	ND	－	7E-01
Ag-110m (about 250 days)	ND	－	ND	－	ND	－	3E-03
Te-129 (about 70 minutes)	ND	－	ND	－	ND	－	4E-01
Te-129m (about 34 days)	ND	－	ND	－	ND	－	4E-03
I-132 (about 2 hours)	ND	－	ND	－	ND	－	7E-02
Te-132 (about 3 days)	ND	－	ND	－	ND	－	4E-03
I-133 (about 21 hours)	ND	－	ND	－	ND	－	5E-03
Cs-136 (about 13 days)	ND	－	ND	－	ND	－	1E-02
Ba-140 (about 13 days)	ND	－	ND	－	ND	－	1E-02
La-140 (about 2 days)	ND	－	ND	－	ND	－	1E-02

※ Radioactivety density is sum total of volatile and particulate.

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	June 20, 2011 11:30 ～ 11:50		June 20, 2011 9:05 ～ 9:19		June 20, 2011 15:03 ～ 15:17		
Detected nuclide (half-life)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－	ND	－	1E-03
Cs-134 (about 2 years)	1.2E-05	0.01	2.4E-05	0.01	1.7E-05	0.01	2E-03
Cs-137 (about 30 years)	1.0E-05	0.00	2.4E-05	0.01	1.9E-05	0.01	3E-03
Nb-95 (about 35 days)	ND	－	ND	－	ND	－	2E-02
Tc-99m (about 6 hours)	ND	－	ND	－	ND	－	7E-01
Ag-110m (about 250 days)	ND	－	ND	－	ND	－	3E-03
Te-129 (about 70 minutes)	ND	－	ND	－	ND	－	4E-01
Te-129m (about 34 days)	ND	－	ND	－	ND	－	4E-03
I-132 (about 2 hours)	ND	－	ND	－	ND	－	7E-02
Te-132 (about 3 days)	ND	－	ND	－	ND	－	4E-03
I-133 (about 21 hours)	ND	－	ND	－	ND	－	5E-03
Cs-136 (about 13 days)	ND	－	ND	－	ND	－	1E-02
Ba-140 (about 13 days)	ND	－	ND	－	ND	－	1E-02
La-140 (about 2 days)	ND	－	ND	－	ND	－	1E-02

※ Radioactivety density is sum total of volatile and particulate.

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	June 21, 2011 11:30 ～ 11:50		June 21, 2011 9:39 ～ 9:47		June 21, 2011 15:49 ～ 15:59		
Detected nuclide (half-life)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	9.4E-07	0.00	ND	－	ND	－	1E-03
Cs-134 (about 2 years)	5.4E-06	0.00	ND	－	1.8E-05	0.01	2E-03
Cs-137 (about 30 years)	5.7E-06	0.00	ND	－	1.7E-05	0.01	3E-03
Nb-95 (about 35 days)	ND	－	ND	－	ND	－	2E-02
Tc-99m (about 6 hours)	ND	－	ND	－	ND	－	7E-01
Ag-110m (about 250 days)	ND	－	ND	－	ND	－	3E-03
Te-129 (about 70 minutes)	ND	－	ND	－	ND	－	4E-01
Te-129m (about 34 days)	ND	－	ND	－	ND	－	4E-03
I-132 (about 2 hours)	ND	－	ND	－	ND	－	7E-02
Te-132 (about 3 days)	ND	－	ND	－	ND	－	4E-03
I-133 (about 21 hours)	ND	－	ND	－	ND	－	5E-03
Cs-136 (about 13 days)	ND	－	ND	－	ND	－	1E-02
Ba-140 (about 13 days)	ND	－	ND	－	ND	－	1E-02
La-140 (about 2 days)	ND	－	ND	－	ND	－	1E-02

※ Radioactivety density is sum total of volatile and particulate.

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	June 22, 2011 11:30 ～ 11:50		June 22, 2011 9:05 ～ 9:15		June 22, 2011 14:57 ～ 15:06		
Detected nuclide (half-life)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－	ND	－	1E-03
Cs-134 (about 2 years)	1.0E-05	0.01	7.8E-06	0.00	6.3E-06	0.00	2E-03
Cs-137 (about 30 years)	9.5E-06	0.00	8.3E-06	0.00	8.1E-06	0.00	3E-03
Nb-95 (about 35 days)	ND	－	ND	－	ND	－	2E-02
Tc-99m (about 6 hours)	ND	－	ND	－	ND	－	7E-01
Ag-110m (about 250 days)	ND	－	ND	－	ND	－	3E-03
Te-129 (about 70 minutes)	ND	－	ND	－	ND	－	4E-01
Te-129m (about 34 days)	ND	－	ND	－	ND	－	4E-03
I-132 (about 2 hours)	ND	－	ND	－	ND	－	7E-02
Te-132 (about 3 days)	ND	－	ND	－	ND	－	4E-03
I-133 (about 21 hours)	ND	－	ND	－	ND	－	5E-03
Cs-136 (about 13 days)	ND	－	ND	－	ND	－	1E-02
Ba-140 (about 13 days)	ND	－	ND	－	ND	－	1E-02
La-140 (about 2 days)	ND	－	ND	－	ND	－	1E-02

※ Radioactivety density is sum total of volatile and particulate.

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	June 23, 2011 11:30 ～ 11:50		June 23, 2011 9:07 ～ 9:17		June 23, 2011 15:18 ～ 15:27		
Detected nuclide (half-life)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－	ND	－	1E-03
Cs-134 (about 2 years)	1.0E-05	0.01	9.7E-06	0.00	1.2E-05	0.01	2E-03
Cs-137 (about 30 years)	4.3E-06	0.00	1.4E-05	0.00	1.2E-05	0.00	3E-03
Nb-95 (about 35 days)	ND	－	ND	－	ND	－	2E-02
Tc-99m (about 6 hours)	ND	－	ND	－	ND	－	7E-01
Ag-110m (about 250 days)	ND	－	ND	－	ND	－	3E-03
Te-129 (about 70 minutes)	ND	－	ND	－	ND	－	4E-01
Te-129m (about 34 days)	ND	－	ND	－	ND	－	4E-03
I-132 (about 2 hours)	ND	－	ND	－	ND	－	7E-02
Te-132 (about 3 days)	ND	－	ND	－	ND	－	4E-03
I-133 (about 21 hours)	ND	－	ND	－	ND	－	5E-03
Cs-136 (about 13 days)	ND	－	ND	－	ND	－	1E-02
Ba-140 (about 13 days)	ND	－	ND	－	ND	－	1E-02
La-140 (about 2 days)	ND	－	ND	－	ND	－	1E-02

※ Radioactivety density is sum total of volatile and particulate.

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	June 24, 2011 11:30 ～ 11:50		June 24, 2011 9:04 ～ 9:13		June 24, 2011 14:03 ～ 14:13		
Detected nuclide (half-life)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－	ND	－	1E-03
Cs-134 (about 2 years)	3.6E-06	0.00	1.2E-05	0.01	5.1E-06	0.00	2E-03
Cs-137 (about 30 years)	3.2E-06	0.00	1.5E-05	0.01	7.2E-06	0.00	3E-03
Nb-95 (about 35 days)	ND	－	ND	－	ND	－	2E-02
Tc-99m (about 6 hours)	ND	－	ND	－	ND	－	7E-01
Ag-110m (about 250 days)	ND	－	ND	－	ND	－	3E-03
Te-129 (about 70 minutes)	ND	－	ND	－	ND	－	4E-01
Te-129m (about 34 days)	ND	－	ND	－	ND	－	4E-03
I-132 (about 2 hours)	ND	－	ND	－	ND	－	7E-02
Te-132 (about 3 days)	ND	－	ND	－	ND	－	4E-03
I-133 (about 21 hours)	ND	－	ND	－	ND	－	5E-03
Cs-136 (about 13 days)	ND	－	ND	－	ND	－	1E-02
Ba-140 (about 13 days)	ND	－	ND	－	ND	－	1E-02
La-140 (about 2 days)	ND	－	ND	－	ND	－	1E-02

※ Radioactivety density is sum total of volatile and particulate.

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	June 25, 2011 11:30 ～ 11:50		June 25, 2011 9:23 ～ 9:33		June 25, 2011 15:52 ～ 16:01		
Detected nuclide (half-life)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－	ND	－	1E-03
Cs-134 (about 2 years)	8.6E-06	0.00	1.6E-05	0.01	6.8E-06	0.00	2E-03
Cs-137 (about 30 years)	1.2E-05	0.00	2.1E-05	0.01	7.8E-06	0.00	3E-03
Nb-95 (about 35 days)	ND	－	ND	－	ND	－	2E-02
Tc-99m (about 6 hours)	ND	－	ND	－	ND	－	7E-01
Ag-110m (about 250 days)	ND	－	ND	－	ND	－	3E-03
Te-129 (about 70 minutes)	ND	－	ND	－	ND	－	4E-01
Te-129m (about 34 days)	ND	－	ND	－	ND	－	4E-03
I-132 (about 2 hours)	ND	－	ND	－	ND	－	7E-02
Te-132 (about 3 days)	ND	－	ND	－	ND	－	4E-03
I-133 (about 21 hours)	ND	－	ND	－	ND	－	5E-03
Cs-136 (about 13 days)	ND	－	ND	－	ND	－	1E-02
Ba-140 (about 13 days)	ND	－	ND	－	ND	－	1E-02
La-140 (about 2 days)	ND	－	ND	－	ND	－	1E-02

※ Radioactivety density is sum total of volatile and particulate.

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	June 26, 2011 11:30 ～ 11:50		June 26, 2011 9:40 ～ 9:49		June 26, 2011 16:11 ～ 16:20		
Detected nuclide (half-life)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－	ND	－	1E-03
Cs-134 (about 2 years)	3.7E-06	0.00	6.7E-06	0.00	1.8E-05	0.01	2E-03
Cs-137 (about 30 years)	3.4E-06	0.00	7.5E-06	0.00	1.3E-05	0.00	3E-03
Nb-95 (about 35 days)	ND	－	ND	－	ND	－	2E-02
Tc-99m (about 6 hours)	ND	－	ND	－	ND	－	7E-01
Ag-110m (about 250 days)	ND	－	ND	－	ND	－	3E-03
Te-129 (about 70 minutes)	ND	－	ND	－	ND	－	4E-01
Te-129m (about 34 days)	ND	－	ND	－	ND	－	4E-03
I-132 (about 2 hours)	ND	－	ND	－	ND	－	7E-02
Te-132 (about 3 days)	ND	－	ND	－	ND	－	4E-03
I-133 (about 21 hours)	ND	－	ND	－	ND	－	5E-03
Cs-136 (about 13 days)	ND	－	ND	－	ND	－	1E-02
Ba-140 (about 13 days)	ND	－	ND	－	ND	－	1E-02
La-140 (about 2 days)	ND	－	ND	－	ND	－	1E-02

※ Radioactivety density is sum total of volatile and particulate.

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

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【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	June 27, 2011 11:30 ～ 11:50		June 27, 2011 9:54 ～ 10:03		June 27, 2011 15:17 ～ 15:26		
Detected nuclide (half-life)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－	ND	－	1E-03
Cs-134 (about 2 years)	2.0E-05	0.01	1.5E-05	0.01	1.3E-05	0.01	2E-03
Cs-137 (about 30 years)	1.9E-05	0.01	1.7E-05	0.01	1.2E-05	0.00	3E-03
Nb-95 (about 35 days)	ND	－	ND	－	ND	－	2E-02
Tc-99m (about 6 hours)	ND	－	ND	－	ND	－	7E-01
Ag-110m (about 250 days)	ND	－	ND	－	ND	－	3E-03
Te-129 (about 70 minutes)	ND	－	ND	－	ND	－	4E-01
Te-129m (about 34 days)	ND	－	ND	－	ND	－	4E-03
I-132 (about 2 hours)	ND	－	ND	－	ND	－	7E-02
Te-132 (about 3 days)	ND	－	ND	－	ND	－	4E-03
I-133 (about 21 hours)	ND	－	ND	－	ND	－	5E-03
Cs-136 (about 13 days)	ND	－	ND	－	ND	－	1E-02
Ba-140 (about 13 days)	ND	－	ND	－	ND	－	1E-02
La-140 (about 2 days)	ND	－	ND	－	ND	－	1E-02

※ Radioactivety density is sum total of volatile and particulate.

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	June 28, 2011 11:30 ～ 11:50		June 28, 2011 9:14 ～ 9:23				
Detected nuclide (half-life)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－			1E-03
Cs-134 (about 2 years)	4.6E-06	0.00	6.8E-06	0.00			2E-03
Cs-137 (about 30 years)	3.2E-06	0.00	7.1E-06	0.00			3E-03
Nb-95 (about 35 days)	ND	－	ND	－			2E-02
Tc-99m (about 6 hours)	ND	－	ND	－			7E-01
Ag-110m (about 250 days)	ND	－	ND	－			3E-03
Te-129 (about 70 minutes)	ND	－	ND	－			4E-01
Te-129m (about 34 days)	ND	－	ND	－			4E-03
I-132 (about 2 hours)	ND	－	ND	－			7E-02
Te-132 (about 3 days)	ND	－	ND	－			4E-03
I-133 (about 21 hours)	ND	－	ND	－			5E-03
Cs-136 (about 13 days)	ND	－	ND	－			1E-02
Ba-140 (about 13 days)	ND	－	ND	－			1E-02
La-140 (about 2 days)	ND	－	ND	－			1E-02

※ Radioactivety density is sum total of volatile and particulate.

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	Main gate of Fukushima Daiichi		West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	June 29, 2011 9:30 ～ 9:50		June 29, 2011 11:30 ～ 11:50		June 29, 2011 9:22 ～ 9:32		
Detected nuclide (half-life)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	2.3E-06	0.00	ND	－	ND	－	1E-03
Cs-134 (about 2 years)	9.5E-06	0.00	3.7E-06	0.00	6.1E-06	0.00	2E-03
Cs-137 (about 30 years)	9.3E-06	0.00	ND	－	8.2E-06	0.00	3E-03
Nb-95 (about 35 days)	ND	－	ND	－	ND	－	2E-02
Tc-99m (about 6 hours)	ND	－	ND	－	ND	－	7E-01
Ag-110m (about 250 days)	ND	－	ND	－	ND	－	3E-03
Te-129 (about 70 minutes)	ND	－	ND	－	ND	－	4E-01
Te-129m (about 34 days)	ND	－	ND	－	ND	－	4E-03
I-132 (about 2 hours)	ND	－	ND	－	ND	－	7E-02
Te-132 (about 3 days)	ND	－	ND	－	ND	－	4E-03
I-133 (about 21 hours)	ND	－	ND	－	ND	－	5E-03
Cs-136 (about 13 days)	ND	－	ND	－	ND	－	1E-02
Ba-140 (about 13 days)	ND	－	ND	－	ND	－	1E-02
La-140 (about 2 days)	ND	－	ND	－	ND	－	1E-02

※ Radioactivety density is sum total of volatile and particulate.

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi				MP-1 of Fukushima Daini (Reference)		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	June 30, 2011 9:30 ～ 9:50		June 30, 2011 11:30 ～ 11:50		June 30, 2011 9:11 ～ 9:20		
Detected nuclide (half-life)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－	ND	－	1E-03
Cs-134 (about 2 years)	ND	－	ND	－	9.9E-06	0.00	2E-03
Cs-137 (about 30 years)	ND	－	ND	－	1.3E-05	0.00	3E-03
Nb-95 (about 35 days)	ND	－	ND	－	ND	－	2E-02
Tc-99m (about 6 hours)	ND	－	ND	－	ND	－	7E-01
Ag-110m (about 250 days)	ND	－	ND	－	ND	－	3E-03
Te-129 (about 70 minutes)	ND	－	ND	－	ND	－	4E-01
Te-129m (about 34 days)	ND	－	ND	－	ND	－	4E-03
I-132 (about 2 hours)	ND	－	ND	－	ND	－	7E-02
Te-132 (about 3 days)	ND	－	ND	－	ND	－	4E-03
I-133 (about 21 hours)	ND	－	ND	－	ND	－	5E-03
Cs-136 (about 13 days)	ND	－	ND	－	ND	－	1E-02
Ba-140 (about 13 days)	ND	－	ND	－	ND	－	1E-02
La-140 (about 2 days)	ND	－	ND	－	ND	－	1E-02

※ Radioactivety density is sum total of volatile and particulate.

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	Main gate of Fukushima Daiichi		West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	July 1, 2011 9:30 ～ 9:50		July 1, 2011 11:30 ～ 11:50		July 1, 2011 9:09 ～ 9:19		
Detected nuclide (half-life)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－	ND	－	1E-03
Cs-134 (about 2 years)	ND	－	ND	－	6.8E-06	0.00	2E-03
Cs-137 (about 30 years)	ND	－	ND	－	8.4E-06	0.00	3E-03
Nb-95 (about 35 days)	ND	－	ND	－	ND	－	2E-02
Tc-99m (about 6 hours)	ND	－	ND	－	ND	－	7E-01
Ag-110m (about 250 days)	ND	－	ND	－	ND	－	3E-03
Te-129 (about 70 minutes)	ND	－	ND	－	ND	－	4E-01
Te-129m (about 34 days)	ND	－	ND	－	ND	－	4E-03
I-132 (about 2 hours)	ND	－	ND	－	ND	－	7E-02
Te-132 (about 3 days)	ND	－	ND	－	ND	－	4E-03
I-133 (about 21 hours)	ND	－	ND	－	ND	－	5E-03
Cs-136 (about 13 days)	ND	－	ND	－	ND	－	1E-02
Ba-140 (about 13 days)	ND	－	ND	－	ND	－	1E-02
La-140 (about 2 days)	ND	－	ND	－	ND	－	1E-02

※ Radioactivety density is sum total of volatile and particulate.

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	9:15am June 18, 2011		1:55pm June 18, 2011		8:55am June 18, 2011		1:35pm June 18, 2011		8:05am June 18, 2011		7:35am June 18, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	28	0.47	25	0.42	22	0.37	27	0.45	ND	-	ND	-	60
Cs-137 (about 30 years)	28	0.31	24	0.27	26	0.29	31	0.34	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	9:05am June 19, 2011		1:50pm June 19, 2011		8:50am June 19, 2011		1:30pm June 19, 2011		8:00am June 19, 2011		7:40am June 19, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	28	0.47	37	0.62	19	0.32	40	0.67	ND	-	ND	-	60
Cs-137 (about 30 years)	33	0.37	33	0.37	25	0.28	34	0.38	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 1/2>

Place of Sampling	3km offshore of Haramachi district Upper layer		3km offshore of Haramachi district Lower layer		3km offshore of Odaka district Upper layer		3km offshore of Odaka district Lower layer		3km offshore of Iwasawa coast Upper layer		3km offshore of Iwasawa coast Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	9:40am June 19, 2011		9:40am June 19, 2011		9:20am June 19, 2011		9:20am June 19, 2011		7:20am June 19, 2011		7:20am June 19, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 2/2>

Place of Sampling	8km offshore of Odaka district Upper layer		8km offshore of Odaka district Lower layer		8km offshore of Iwasawa coast Upper layer		8km offshore of Iwasawa coast Lower layer						② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	8:55am June 19, 2011		8:55am June 19, 2011		7:50am June 19, 2011		7:50am June 19, 2011						
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-					40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-					200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-					300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-					400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	9:10am June 20, 2011		1:50pm June 20, 2011		8:55am June 20, 2011		1:30pm June 20, 2011		8:15am June 20, 2011		7:50am June 20, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	3.3	0.08	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	34	0.57	24	0.40	17	0.28	43	0.72	ND	-	ND	-	60
Cs-137 (about 30 years)	39	0.43	28	0.31	19	0.21	46	0.51	4.8	0.05	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 1/4>

Place of Sampling	15 km offshore of MinamiSouma City Upper layer		15 km offshore of MinamiSouma City Lower layer		15 km offshore of Ukedo-gawa Upper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	9:15am June 20, 2011		9:15am June 20, 2011		8:45am June 20, 2011		8:45am June 20, 2011		9:15am June 20, 2011		9:15am June 20, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 2/4>

Place of Sampling	15 km offshore of Fukushima Daini Upper layer		15 km offshore of Fukushima Daini Lower layer		15 km offshore of Iwasawa Shore Upper layer		15 km offshore of Iwasawa Shore Lower layer		15 km offshore of Hirono-machi Upper layer		15 km offshore of Hirono-machi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	**7:55am June 20, 2011**		**7:55am June 20, 2011**		**8:20am June 20, 2011**		**8:20am June 20, 2011**		**7:50am June 20, 2011**		**7:50am June 20, 2011**		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 3/4>

Place of Sampling	North Iwaki Offshore 3km Upper Layer		North Iwaki Offshore 3km Lower Layer		Natsui-gawa Offshore 3km Upper Layer		Natsui-gawa Offshore 3km Lower Layer		Onahama Port Offshore 3km Upper Layer		Onahama Port Offshore 3km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	**6:25am June 20, 2011**		**6:25am June 20, 2011**		**6:05am June 20, 2011**		**6:05am June 20, 2011**		**5:55am June 20, 2011**		**5:55am June 20, 2011**		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 4/4>

Place of Sampling	Ena Offshore 3km Upper Layer		Ena Offshore 3km Lower Layer		Numanouchi Offshore 3km Upper Layer		Numanouchi Offshore 3km Lower Layer		Toyoma Offshore 3km Upper Layer		Toyoma Offshore 3km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	6:10am June 20, 2011		6:10am June 20, 2011		5:50am June 20, 2011		5:50am June 20, 2011		5:40am June 20, 2011		5:40am June 20, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	9:10am June 21, 2011		1:55pm June 21, 2011		8:55am June 21, 2011		1:35pm June 21, 2011		8:30am June 21, 2011		8:05am June 21, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	29	0.48	18	0.30	16	0.27	26	0.43	ND	-	ND	-	60
Cs-137 (about 30 years)	23	0.26	18	0.20	25	0.28	27	0.30	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 1/4>

Place of Sampling	3km offshore of Haramachi district Upper layer		3km offshore of Haramachi district Lower layer		3km offshore of Odaka district Upper layer		3km offshore of Odaka district Lower layer		3km offshore of Iwasawa coast Upper layer		3km offshore of Iwasawa coast Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	9:30am June 21, 2011		9:30am June 21, 2011		9:15am June 21, 2011		9:15am June 21, 2011		7:15am June 21, 2011		7:15am June 21, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 2/4>

Place of Sampling	8km offshore of Odaka district Upper layer		8km offshore of Odaka district Lower layer		8km offshore of Iwasawa coast Upper layer		8km offshore of Iwasawa coast Lower layer						② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	8:50am June 21, 2011		8:50am June 21, 2011		7:35am June 21, 2011		7:35am June 21, 2011						
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-					40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-					200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-					300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-					400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 3/4>

Place of Sampling	30 km offshore of MinamiSouma City Upper layer		30 km offshore of MinamiSouma City Middle layer		30 km offshore of MinamiSouma City Lower layer		30 km offshore of Ukedo River Upper layer		30 km offshore of Ukedo River Middle layer		30 km offshore of Ukedo River Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	6:50am June 21, 2011		6:50am June 21, 2011		6:50am June 21, 2011		7:40am June 21, 2011		7:40am June 21, 2011		7:40am June 21, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 4/4>

Place of Sampling	5 km offshore of Souma City Upper layer		5 km offshore of Souma City Lower layer		5 km offshore of Kashima Upper layer		5 km offshore of Kashima Lower layer		3 km offshore of Souma City Upper layer		3 km offshore of Souma City Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	5:50am June 21, 2011		5:50am June 21, 2011		6:05am June 21, 2011		6:05am June 21, 2011		5:30am June 21, 2011		5:30am June 21, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	9:10am June 22, 2011		1:55pm June 22, 2011		8:55am June 22, 2011		1:40pm June 22, 2011		8:30am June 22, 2011		8:00am June 22, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	21	0.35	21	0.35	46	0.77	32	0.53	ND	-	ND	-	60
Cs-137 (about 30 years)	22	0.24	30	0.33	51	0.57	29	0.32	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 1/2>

Place of Sampling	15 km offshore of MinamiSouma City Upper layer		15 km offshore of MinamiSouma City Lower layer		15 km offshore of Ukedo-gawa Upper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	-		-		9:10am June 22, 2011		9:10am June 22, 2011		8:35am June 22, 2011		8:35am June 22, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)					ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)					ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)					ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)					ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)					ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)					ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)					ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)					ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)					ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)					ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)					ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)					ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 2/2>

Place of Sampling	15 km offshore of Fukushima Daini Upper layer		15 km offshore of Fukushima Daini Lower layer		15 km offshore of Iwasawa Shore Upper layer		15 km offshore of Iwasawa Shore Lower layer		15 km offshore of Hirono-machi Upper layer		15 km offshore of Hirono-machi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	7:55am June 22, 2011		7:55am June 22, 2011		-		-		-		-		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-									40
Cs-134 (about 2 years)	ND	-	ND	-									60
Cs-137 (about 30 years)	ND	-	ND	-									90
Mo-99 (about 66 hours)	ND	-	ND	-									40,000
Tc-99m (about 6 hours)	ND	-	ND	-									40,000
Te-129m (about 34 days)	ND	-	ND	-									300
Te-129 (about 70 minutes)	ND	-	ND	-									10,000
Te-132 (about 3 days)	ND	-	ND	-									200
I-132 (about 2 hours)	ND	-	ND	-									3,000
Cs-136 (about 13 days)	ND	-	ND	-									300
Ba-140 (about 13 days)	ND	-	ND	-									300
La-140 (about 2 days)	ND	-	ND	-									400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	9:10am June 23, 2011		1:50pm June 23, 2011		8:55am June 23, 2011		1:35pm June 23, 2011		8:20am June 23, 2011		7:55am June 23, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	16	0.27	19	0.32	12	0.20	25	0.42	ND	-	ND	-	60
Cs-137 (about 30 years)	18	0.20	17	0.19	10	0.11	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 1/6>

Place of Sampling	15 km offshore of MinamiSouma City Upper layer		15 km offshore of MinamiSouma City Lower layer		15 km offshore of Ukedo-gawa Upper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	**10:20am June 23, 2011**		**10:30am June 23, 2011**		-		-		-		-		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	**ND**	-	**ND**	-									**40**
Cs-134 (about 2 years)	**14**	**0.23**	**ND**	-									**60**
Cs-137 (about 30 years)	**ND**	-	**ND**	-									**90**
Mo-99 (about 66 hours)	**ND**	-	**ND**	-									**40,000**
Tc-99m (about 6 hours)	**ND**	-	**ND**	-									**40,000**
Te-129m (about 34 days)	**ND**	-	**ND**	-									**300**
Te-129 (about 70 minutes)	**ND**	-	**ND**	-									**10,000**
Te-132 (about 3 days)	**ND**	-	**ND**	-									**200**
I-132 (about 2 hours)	**ND**	-	**ND**	-									**3,000**
Cs-136 (about 13 days)	**ND**	-	**ND**	-									**300**
Ba-140 (about 13 days)	**ND**	-	**ND**	-									**300**
La-140 (about 2 days)	**ND**	-	**ND**	-									**400**

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 2/6>

Place of Sampling	15 km offshore of Fukushima Daini Upper layer		15 km offshore of Fukushima Daini Lower layer		15 km offshore of Iwasawa Shore Upper layer		15 km offshore of Iwasawa Shore Lower layer		15 km offshore of Hirono-machi Upper layer		15 km offshore of Hirono-machi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	-		-		8:45am June 23, 2011		8:45am June 23, 2011		9:30am June 23, 2011		9:30am June 23, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)					ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)					ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)					ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)					ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)					ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)					ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)					ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)					ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)					ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)					ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)					ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)					ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 3/6>

Place of Sampling	3km offshore of Haramachi district Upper layer		3km offshore of Haramachi district Lower layer		3km offshore of Odaka district Upper layer		3km offshore of Odaka district Lower layer		3km offshore of Iwasawa coast Upper layer		3km offshore of Iwasawa coast Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	9:50am June 23, 2011		9:50am June 23, 2011		9:35am June 23, 2011		9:35am June 23, 2011		7:45am June 23, 2011		7:45am June 23, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 4/6>

Place of Sampling	8km offshore of Odaka district Upper layer		8km offshore of Odaka district Lower layer		8km offshore of Iwasawa coast Upper layer		8km offshore of Iwasawa coast Lower layer						② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	9:15am June 23, 2011		9:15am June 23, 2011		8:10am June 23, 2011		8:10am June 23, 2011						
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-					40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-					200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-					300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-					400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 5/6>

Place of Sampling	North Iwaki Offshore 3km Upper Layer		North Iwaki Offshore 3km Lower Layer		Natsui-gawa Offshore 3km Upper Layer		Natsui-gawa Offshore 3km Lower Layer		Onahama Port Offshore 3km Upper Layer		Onahama Port Offshore 3km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	6:30am June 23, 2011		6:30am June 23, 2011		6:10am June 23, 2011		6:10am June 23, 2011		6:00am June 23, 2011		6:00am June 23, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	16	0.27	5.6	0.09	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 6/6>

Place of Sampling	Ena Offshore 3km Upper Layer		Ena Offshore 3km Lower Layer		Numanouchi Offshore 3km Upper Layer		Numanouchi Offshore 3km Lower Layer		Toyoma Offshore 3km Upper Layer		Toyoma Offshore 3km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	6:15am June 23, 2011		6:15am June 23, 2011		6:00am June 23, 2011		6:00am June 23, 2011		5:50am June 23, 2011		5:50am June 23, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	13	0.22	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	9:25am June 24, 2011		2:05pm June 24, 2011		9:10am June 24, 2011		1:45pm June 24, 2011		8:30am June 24, 2011		8:00am June 24, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	23	0.38	23	0.38	19	0.32	27	0.45	ND	-	ND	-	60
Cs-137 (about 30 years)	20	0.22	23	0.26	25	0.28	28	0.31	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	8:55am June 25, 2011		1:20pm June 25, 2011		8:40am June 25, 2011		1:05pm June 25, 2011		8:00am June 25, 2011		7:35am June 25, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	24	0.40	16	0.27	18	0.30	17	0.28	4.9	0.08	ND	-	60
Cs-137 (about 30 years)	21	0.23	16	0.18	18	0.20	19	0.21	4.8	0.05	6.1	0.07	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	9:05am June 26, 2011		1:55pm June 26, 2011		8:40am June 26, 2011		1:35pm June 26, 2011		8:15am June 26, 2011		7:55am June 26, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	43	0.72	34	0.57	16	0.27	20	0.33	4.9	0.08	ND	-	60
Cs-137 (about 30 years)	55	0.61	36	0.40	14	0.16	15	0.17	7.4	0.08	4.7	0.05	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 1/4>

Place of Sampling	15 km offshore of MinamiSouma City Upper layer		15 km offshore of MinamiSouma City Lower layer		15 km offshore of Ukedo-gawa Upper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	-		-		9:05am June 26, 2011		9:05am June 26, 2011		8:35am June 26, 2011		8:35am June 26, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)					ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)					ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)					ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)					ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)					ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)					ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)					ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)					ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)					ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)					ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)					ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)					ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 2/4>

Place of Sampling	15 km offshore of Fukushima Daini Upper layer		15 km offshore of Fukushima Daini Lower layer		15 km offshore of Iwasawa Shore Upper layer		15 km offshore of Iwasawa Shore Lower layer		15 km offshore of Hirono-machi Upper layer		15 km offshore of Hirono-machi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	8:00am June 26, 2011		8:00am June 26, 2011		-		-		-		-		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-									40
Cs-134 (about 2 years)	ND	-	ND	-									60
Cs-137 (about 30 years)	ND	-	ND	-									90
Mo-99 (about 66 hours)	ND	-	ND	-									40,000
Tc-99m (about 6 hours)	ND	-	ND	-									40,000
Te-129m (about 34 days)	ND	-	ND	-									300
Te-129 (about 70 minutes)	ND	-	ND	-									10,000
Te-132 (about 3 days)	ND	-	ND	-									200
I-132 (about 2 hours)	ND	-	ND	-									3,000
Cs-136 (about 13 days)	ND	-	ND	-									300
Ba-140 (about 13 days)	ND	-	ND	-									300
La-140 (about 2 days)	ND	-	ND	-									400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 3/4>

Place of Sampling	Numanouchi Offshore 5km Upper Layer		Numanouchi Offshore 5km Lower Layer		Numanouchi Offshore 15km Upper Layer		Numanouchi Offshore 15km Middle Layer		Numanouchi Offshore 15km Lower Layer		Numanouchi Offshore 30km Upper Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	6:50am June 26, 2011		6:50am June 26, 2011		8:00am June 26, 2011		8:00am June 26, 2011		8:00am June 26, 2011		8:40am June 26, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 4/4>

Place of Sampling	Numanouchi Offshore 30km Middle Layer		Numanouchi Offshore 30km Lower Layer										② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	8:40am June 26, 2011		8:40am June 26, 2011										
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-									40
Cs-134 (about 2 years)	ND	-	ND	-									60
Cs-137 (about 30 years)	ND	-	ND	-									90
Mo-99 (about 66 hours)	ND	-	ND	-									40,000
Tc-99m (about 6 hours)	ND	-	ND	-									40,000
Te-129m (about 34 days)	ND	-	ND	-									300
Te-129 (about 70 minutes)	ND	-	ND	-									10,000
Te-132 (about 3 days)	ND	-	ND	-									200
I-132 (about 2 hours)	ND	-	ND	-									3,000
Cs-136 (about 13 days)	ND	-	ND	-									300
Ba-140 (about 13 days)	ND	-	ND	-									300
La-140 (about 2 days)	ND	-	ND	-									400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	10:10am June 27, 2011		2:20pm June 27, 2011		9:45am June 27, 2011		2:10pm June 27, 2011		8:25am June 27, 2011		7:55am June 27, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	37	0.62	40	0.67	31	0.52	26	0.43	8.2	0.14	7.8	0.13	60
Cs-137 (about 30 years)	42	0.47	38	0.42	33	0.37	26	0.29	5.5	0.06	6.9	0.08	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 1/5>

Place of Sampling	15 km offshore of Fukushima Daini Upper layer		15 km offshore of Fukushima Daini Lower layer		15 km offshore of Iwasawa Shore Upper layer		15 km offshore of Iwasawa Shore Lower layer		15 km offshore of Hirono-machi Upper layer		15 km offshore of Hirono-machi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	-		-		9:05am June 27, 2011		9:05am June 27, 2011		9:45am June 27, 2011		9:45am June 27, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)					ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)					ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)					ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)					ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)					ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)					ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)					ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)					ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)					ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)					ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)					ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)					ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 2/5>

Place of Sampling	3km offshore of Haramachi district Upper layer		3km offshore of Haramachi district Lower layer		3km offshore of Odaka district Upper layer		3km offshore of Odaka district Lower layer		3km offshore of Iwasawa coast Upper layer		3km offshore of Iwasawa coast Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	abort sampling June 27, 2011		abort sampling June 27, 2011		abort sampling June 27, 2011		abort sampling June 27, 2011		8:10am June 27, 2011		8:10am June 27, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)									ND	-	ND	-	40
Cs-134 (about 2 years)									ND	-	ND	-	60
Cs-137 (about 30 years)									ND	-	ND	-	90
Mo-99 (about 66 hours)									ND	-	ND	-	40,000
Tc-99m (about 6 hours)									ND	-	ND	-	40,000
Te-129m (about 34 days)									ND	-	ND	-	300
Te-129 (about 70 minutes)									ND	-	ND	-	10,000
Te-132 (about 3 days)									ND	-	ND	-	200
I-132 (about 2 hours)									ND	-	ND	-	3,000
Cs-136 (about 13 days)									ND	-	ND	-	300
Ba-140 (about 13 days)									ND	-	ND	-	300
La-140 (about 2 days)									ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 3/5>

Place of Sampling	8km offshore of Odaka district Upper layer		8km offshore of Odaka district Lower layer		8km offshore of Iwasawa coast Upper layer		8km offshore of Iwasawa coast Lower layer						② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	abort sampling June 27, 2011		abort sampling June 27, 2011		8:35am June 27, 2011		8:35am June 27, 2011						
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)					ND	-	ND	-					40
Cs-134 (about 2 years)					ND	-	ND	-					60
Cs-137 (about 30 years)					ND	-	ND	-					90
Mo-99 (about 66 hours)					ND	-	ND	-					40,000
Tc-99m (about 6 hours)					ND	-	ND	-					40,000
Te-129m (about 34 days)					ND	-	ND	-					300
Te-129 (about 70 minutes)					ND	-	ND	-					10,000
Te-132 (about 3 days)					ND	-	ND	-					200
I-132 (about 2 hours)					ND	-	ND	-					3,000
Cs-136 (about 13 days)					ND	-	ND	-					300
Ba-140 (about 13 days)					ND	-	ND	-					300
La-140 (about 2 days)					ND	-	ND	-					400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 4/5>

Place of Sampling	North Iwaki Offshore 3km Upper Layer		North Iwaki Offshore 3km Lower Layer		Natsui-gawa Offshore 3km Upper Layer		Natsui-gawa Offshore 3km Lower Layer		Onahama Port Offshore 3km Upper Layer		Onahama Port Offshore 3km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	4:55am June 27, 2011		4:55am June 27, 2011		6:00am June 27, 2011		6:00am June 27, 2011		6:00am June 27, 2011		6:00am June 27, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 5/5>

Place of Sampling	Ena Offshore 3km Upper Layer		Ena Offshore 3km Lower Layer		Numanouchi Offshore 3km Upper Layer		Numanouchi Offshore 3km Lower Layer		Toyoma Offshore 3km Upper Layer		Toyoma Offshore 3km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	6:20am June 27, 2011		6:20am June 27, 2011		5:45am June 27, 2011		5:45am June 27, 2011		5:35am June 27, 2011		5:35am June 27, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)		Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)		Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	9:40am June 28, 2011		9:15am June 28, 2011		8:35am June 28, 2011		8:10am June 28, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	43	0.72	26	0.43	6.2	0.10	8.3	0.14	60
Cs-137 (about 30 years)	45	0.50	28	0.31	6.7	0.07	4.9	0.05	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 1/4>

Place of Sampling	15 km offshore of MinamiSouma City Upper layer		15 km offshore of MinamiSouma City Lower layer		15 km offshore of Ukedo-gawa Upper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	9:50am June 28, 2011		9:50am June 28, 2011		9:25am June 28, 2011		9:25am June 28, 2011		9:50am June 28, 2011		9:50am June 28, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 2/4>

Place of Sampling	15 km offshore of Fukushima Daini Upper layer		15 km offshore of Fukushima Daini Lower layer		15 km offshore of Iwasawa Shore Upper layer		15 km offshore of Iwasawa Shore Lower layer		15 km offshore of Hirono-machi Upper layer		15 km offshore of Hirono-machi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	8:45am June 28, 2011		8:45am June 28, 2011		-		-		-		-		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-									40
Cs-134 (about 2 years)	ND	-	ND	-									60
Cs-137 (about 30 years)	ND	-	ND	-									90
Mo-99 (about 66 hours)	ND	-	ND	-									40,000
Tc-99m (about 6 hours)	ND	-	ND	-									40,000
Te-129m (about 34 days)	ND	-	ND	-									300
Te-129 (about 70 minutes)	ND	-	ND	-									10,000
Te-132 (about 3 days)	ND	-	ND	-									200
I-132 (about 2 hours)	ND	-	ND	-									3,000
Cs-136 (about 13 days)	ND	-	ND	-									300
Ba-140 (about 13 days)	ND	-	ND	-									300
La-140 (about 2 days)	ND	-	ND	-									400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 3/4>

Place of Sampling	30 km offshore of MinamiSouma City Upper layer		30 km offshore of MinamiSouma City Middle layer		30 km offshore of MinamiSouma City Lower layer		30 km offshore of Ukedo River Upper layer		30 km offshore of Ukedo River Middle layer		30 km offshore of Ukedo River Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	7:50am June 28, 2011		7:50am June 28, 2011		7:50am June 28, 2011		6:50am June 28, 2011		6:50am June 28, 2011		6:50am June 28, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 4/4>

Place of Sampling	5 km offshore of Souma City Upper layer		5 km offshore of Souma City Lower layer		5 km offshore of Kashima Upper layer		5 km offshore of Kashima Lower layer		3 km offshore of Souma City Upper layer		3 km offshore of Souma City Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	5:25am June 28, 2011		5:25am June 28, 2011		5:40am June 28, 2011		5:40am June 28, 2011		5:10am June 28, 2011		5:10am June 28, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)		Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)		Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	9:15am June 29, 2011		8:55am June 29, 2011		8:25am June 29, 2011		7:55am June 29, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	49	0.82	21	0.35	6.5	0.11	ND	-	60
Cs-137 (about 30 years)	51	0.57	19	0.21	5.0	0.06	6.8	0.08	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 1/2>

Place of Sampling	3km offshore of Haramachi district Upper layer		3km offshore of Haramachi district Lower layer		3km offshore of Odaka district Upper layer		3km offshore of Odaka district Lower layer		3km offshore of Iwasawa coast Upper layer		3km offshore of Iwasawa coast Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	9:00am June 29, 2011		9:00am June 29, 2011		8:45am June 29, 2011		8:45am June 29, 2011		6:50am June 29, 2011		6:50am June 29, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 2/2>

Place of Sampling	8km offshore of Odaka district Upper layer		8km offshore of Odaka district Lower layer		8km offshore of Iwasawa coast Upper layer		8km offshore of Iwasawa coast Lower layer						② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	8:30am June 29, 2011		8:30am June 29, 2011		7:15am June 29, 2011		7:15am June 29, 2011						
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-					40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-					200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-					300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-					400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)		Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)		Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	9:55am June 30, 2011		9:35am June 30, 2011		8:15am June 30, 2011		7:55am June 30, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	42	0.70	19	0.32	ND	-	ND	-	60
Cs-137 (about 30 years)	46	0.51	22	0.24	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 1/4>

Place of Sampling	15 km offshore of MinamiSouma City Upper layer		15 km offshore of MinamiSouma City Lower layer		15 km offshore of Ukedo-gawa Upper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	**8:55am June 30, 2011**		**8:55am June 30, 2011**		**8:30am June 30, 2011**		**8:30am June 30, 2011**		**9:00am June 30, 2011**		**9:00am June 30, 2011**		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 2/4>

Place of Sampling	15 km offshore of Fukushima Daini Upper layer		15 km offshore of Fukushima Daini Lower layer		15 km offshore of Iwasawa Shore Upper layer		15 km offshore of Iwasawa Shore Lower layer		15 km offshore of Hirono-machi Upper layer		15 km offshore of Hirono-machi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	**8:25am June 30, 2011**		**8:25am June 30, 2011**		**7:30am June 30, 2011**		**7:30am June 30, 2011**		**7:05am June 30, 2011**		**7:05am June 30, 2011**		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 3/4>

Place of Sampling	North Iwaki Offshore 3km Upper Layer		North Iwaki Offshore 3km Lower Layer		Natsui-gawa Offshore 3km Upper Layer		Natsui-gawa Offshore 3km Lower Layer		Onahama Port Offshore 3km Upper Layer		Onahama Port Offshore 3km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	6:35am June 30, 2011		6:35am June 30, 2011		6:00am June 30, 2011		6:00am June 30, 2011		6:00am June 30, 2011		6:00am June 30, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 4/4>

Place of Sampling	Ena Offshore 3km Upper Layer		Ena Offshore 3km Lower Layer		Numanouchi Offshore 3km Upper Layer		Numanouchi Offshore 3km Lower Layer		Toyoma Offshore 3km Upper Layer		Toyoma Offshore 3km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	6:15am June 30, 2011		6:15am June 30, 2011		5:50am June 30, 2011		5:50am June 30, 2011		5:40am June 30, 2011		5:40am June 30, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)		Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)		Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	**11:50am July 1, 2011**		**11:30am July 1, 2011**		**8:15am July 1, 2011**		**7:45am July 1, 2011**		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	9.2	0.23	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	4.6	0.08	4.3	0.07	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	5.8	0.06	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater＜Offshore 1/4＞

Place of Sampling	3km offshore of Haramachi district Upper layer		3km offshore of Haramachi district Lower layer		3km offshore of Odaka district Upper layer		3km offshore of Odaka district Lower layer		3km offshore of Iwasawa coast Upper layer		3km offshore of Iwasawa coast Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	9:15am July 1, 2011		9:15am July 1, 2011		9:00am July 1, 2011		9:00am July 1, 2011		7:05am July 1, 2011		7:05am July 1, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】 Results of Nuclide Analysis of Seawater<Offshore 2/4>

Place of Sampling	8km offshore of Odaka district Upper layer		8km offshore of Odaka district Lower layer		8km offshore of Iwasawa coast Upper layer		8km offshore of Iwasawa coast Lower layer						② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	8:40am July 1, 2011		8:40am July 1, 2011		7:25am July 1, 2011		7:25am July 1, 2011						
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-					40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-					200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-					300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-					400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 3/4>

Place of Sampling	Numanouchi Offshore 5km Upper Layer		Numanouchi Offshore 5km Lower Layer		Numanouchi Offshore 15km Upper Layer		Numanouchi Offshore 15km Middle Layer		Numanouchi Offshore 15km Lower Layer		Numanouchi Offshore 30km Upper Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	6:35am July 1, 2011		6:35am July 1, 2011		7:30am July 1, 2011		7:30am July 1, 2011		7:30am July 1, 2011		8:20am July 1, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater<Offshore 4/4>

Place of Sampling	Numanouchi Offshore 30km Middle Layer		Numanouchi Offshore 30km Lower Layer										② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	8:20am July 1, 2011		8:20am July 1, 2011										
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-									40
Cs-134 (about 2 years)	ND	-	ND	-									60
Cs-137 (about 30 years)	ND	-	ND	-									90
Mo-99 (about 66 hours)	ND	-	ND	-									40,000
Tc-99m (about 6 hours)	ND	-	ND	-									40,000
Te-129m (about 34 days)	ND	-	ND	-									300
Te-129 (about 70 minutes)	ND	-	ND	-									10,000
Te-132 (about 3 days)	ND	-	ND	-									200
I-132 (about 2 hours)	ND	-	ND	-									3,000
Cs-136 (about 13 days)	ND	-	ND	-									300
Ba-140 (about 13 days)	ND	-	ND	-									300
La-140 (about 2 days)	ND	-	ND	-									400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ **In the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 4Bq/L、Cs-137: 5Bq/L
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <1/3>

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/18 6:23 AM		2011/6/18 6:41 AM		2011/6/18 6:48 AM		2011/6/18 6:48 AM		2011/6/18 6:57 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	-	150	3.8	130	3.3	110	2.8	100	2.5	40
Cs-134 (about 2 years)	160	2.7	490	8.2	460	7.7	410	6.8	460	7.7	60
Cs-137 (about 30 years)	180	2.0	540	6.0	520	5.8	480	5.3	410	4.6	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <2/3>

Place of Sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/18 6:57 AM		2011/6/18 7:10 AM		2011/6/18 7:15 AM		2011/6/18 7:10 AM		2011/6/18 7:15 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	560	14	130	3.3	98	2.5	100	2.5	30	0.75	40
Cs-134 (about 2 years)	1,900	32	460	7.7	3,300	55	430	7.2	820	14	60
Cs-137 (about 30 years)	1,900	21	510	5.7	3,500	39	470	5.2	940	10	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <3/3>

Place of Sampling	Inside the south of 1F's Unit 1-4 Water Intake Canal										②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/18 7:23 AM										
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	-									40
Cs-134 (about 2 years)	400	6.7									60
Cs-137 (about 30 years)	470	5.2									90
Mn-54 (about 313 days)	ND	-									1,000
Co-60 (about 5 years)	ND	-									200
Tc-99m (about 6 hours)	ND	-									40,000
Te-129m (about 34 days)	ND	-									300
Te-129 (about 70 minutes)	ND	-									10,000
Cs-136 (about 13 days)	ND	-									300
Ba-140 (about 13 days)	ND	-									300
La-140 (about 2 days)	ND	-									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <1/3>

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/19 6:40 AM		2011/6/19 7:00 AM		2011/6/19 6:57 AM		2011/6/19 7:05 AM		2011/6/19 7:12 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	-	100	2.5	110	2.8	99	2.5	130	3.3	40
Cs-134 (about 2 years)	130	2.2	400	6.7	420	7.0	430	7.2	410	6.8	60
Cs-137 (about 30 years)	140	1.6	400	4.4	430	4.8	450	5.0	480	5.3	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <2/3>

Place of Sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/19 7:15 AM		2011/6/19 7:22 AM		2011/6/19 7:29 AM		2011/6/19 7:22 AM		2011/6/19 7:29 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	440	11	120	3.0	79	2.0	130	3.3	34	0.85	40
Cs-134 (about 2 years)	1,700	28	500	8.3	2,900	48	470	7.8	870	15	60
Cs-137 (about 30 years)	1,800	20	500	5.6	3,300	37	510	5.7	980	11	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <3/3>

Place of Sampling	Inside the south of 1F's Unit 1-4 Water Intake Canal										②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/19 7:37 AM										
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	58	1.5									40
Cs-134 (about 2 years)	540	9.0									60
Cs-137 (about 30 years)	580	6.4									90
Mn-54 (about 313 days)	ND	-									1,000
Co-60 (about 5 years)	ND	-									200
Tc-99m (about 6 hours)	ND	-									40,000
Te-129m (about 34 days)	ND	-									300
Te-129 (about 70 minutes)	ND	-									10,000
Cs-136 (about 13 days)	ND	-									300
Ba-140 (about 13 days)	ND	-									300
La-140 (about 2 days)	ND	-									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <1/3>

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/20 6:39 AM		2011/6/20 6:58 AM		2011/6/20 7:04 AM		2011/6/20 7:08 AM		2011/6/20 7:14 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	-	110	2.8	110	2.8	120	3.0	140	3.5	40
Cs-134 (about 2 years)	110	1.8	440	7.3	460	7.7	450	7.5	500	8.3	60
Cs-137 (about 30 years)	130	1.4	470	5.2	500	5.6	490	5.4	520	5.8	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <2/3>

Place of Sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/20 7:18 AM		2011/6/20 7:25 AM		2011/6/20 7:30 AM		2011/6/20 7:26 AM		2011/6/20 7:32 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	340	8.5	130	3.3	84	2.1	130	3.3	100	2.5	40
Cs-134 (about 2 years)	2,000	33	500	8.3	2,400	40	460	7.7	850	14	60
Cs-137 (about 30 years)	2,100	23	550	6.1	2,600	29	510	5.7	970	11	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <3/3>

Place of Sampling	Inside the south of 1F's Unit 1-4 Water Intake Canal										②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/20 7:41 AM										
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	75	1.9									40
Cs-134 (about 2 years)	460	7.7									60
Cs-137 (about 30 years)	490	5.4									90
Mn-54 (about 313 days)	ND	-									1,000
Co-60 (about 5 years)	ND	-									200
Tc-99m (about 6 hours)	ND	-									40,000
Te-129m (about 34 days)	ND	-									300
Te-129 (about 70 minutes)	ND	-									10,000
Cs-136 (about 13 days)	ND	-									300
Ba-140 (about 13 days)	ND	-									300
La-140 (about 2 days)	ND	-									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <1/3>

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/21 6:39 AM		2011/6/21 6:55 AM		2011/6/21 6:58 AM		2011/6/21 7:02 AM		2011/6/21 7:06 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	-	110	2.8	130	3.3	120	3.0	140	3.5	40
Cs-134 (about 2 years)	160	2.7	490	8.2	510	8.5	590	9.8	560	9.3	60
Cs-137 (about 30 years)	160	1.8	520	5.8	540	6.0	640	7.1	610	6.8	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <2/3>

Place of Sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/21 7:12 AM		2011/6/21 7:18 AM		2011/6/21 7:22 AM		2011/6/21 7:18 AM		2011/6/21 7:22 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	400	10	130	3.3	120	3.0	120	3.0	100	2.5	40
Cs-134 (about 2 years)	1,600	27	530	8.8	1,100	18	520	8.7	600	10	60
Cs-137 (about 30 years)	1,700	19	570	6.3	1,200	13	560	6.2	640	7.1	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <3/3>

Place of Sampling	Inside the south of 1F's Unit 1-4 Water Intake Canal										②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/21 7:28 AM										
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	-									40
Cs-134 (about 2 years)	330	5.5									60
Cs-137 (about 30 years)	370	4.1									90
Mn-54 (about 313 days)	ND	-									1,000
Co-60 (about 5 years)	ND	-									200
Tc-99m (about 6 hours)	ND	-									40,000
Te-129m (about 34 days)	ND	-									300
Te-129 (about 70 minutes)	ND	-									10,000
Cs-136 (about 13 days)	ND	-									300
Ba-140 (about 13 days)	ND	-									300
La-140 (about 2 days)	ND	-									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <1/3>

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/22 6:29 AM		2011/6/22 6:43 AM		2011/6/22 6:48 AM		2011/6/22 6:52 AM		2011/6/22 6:57 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	-	100	2.5	110	2.8	110	2.8	95	2.4	40
Cs-134 (about 2 years)	160	2.7	480	8.0	430	7.2	430	7.2	440	7.3	60
Cs-137 (about 30 years)	160	1.8	560	6.2	480	5.3	490	5.4	480	5.3	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <2/3>

Place of Sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/22 7:00 AM		2011/6/22 7:06 AM		2011/6/22 7:10 AM		2011/6/22 7:06 AM		2011/6/22 7:10 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	310	7.8	130	3.3	110	2.8	110	2.8	110	2.8	40
Cs-134 (about 2 years)	1,400	23	510	8.5	1,200	20	600	10	650	11	60
Cs-137 (about 30 years)	1,500	17	570	6.3	1,400	16	670	7.4	690	7.7	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <3/3>

Place of Sampling	Inside the south of 1F's Unit 1-4 Water Intake Canal										②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/22 7:16 AM										
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	-									40
Cs-134 (about 2 years)	410	6.8									60
Cs-137 (about 30 years)	470	5.2									90
Mn-54 (about 313 days)	ND	-									1,000
Co-60 (about 5 years)	ND	-									200
Tc-99m (about 6 hours)	ND	-									40,000
Te-129m (about 34 days)	ND	-									300
Te-129 (about 70 minutes)	ND	-									10,000
Cs-136 (about 13 days)	ND	-									300
Ba-140 (about 13 days)	ND	-									300
La-140 (about 2 days)	ND	-									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <1/3>

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/23 6:51 AM		2011/6/23 7:05 AM		2011/6/23 7:08 AM		2011/6/23 7:10 AM		2011/6/23 7:14 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	-	120	3.0	100	2.5	120	3.0	130	3.3	40
Cs-134 (about 2 years)	150	2.5	520	8.7	610	10	530	8.8	590	9.8	60
Cs-137 (about 30 years)	170	1.9	550	6.1	700	7.8	550	6.1	640	7.1	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <2/3>

Place of Sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/23 7:17 AM		2011/6/23 7:24 AM		2011/6/23 7:29 AM		2011/6/23 7:24 AM		2011/6/23 7:29 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	1,000	25	140	3.5	140	3.5	200	5.0	140	3.5	40
Cs-134 (about 2 years)	850	14	780	13	640	11	530	8.8	630	11	60
Cs-137 (about 30 years)	950	11	840	9.3	680	7.6	580	6.4	620	6.9	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <3/3>

Place of Sampling	Inside the south of 1F's Unit 1-4 Water Intake Canal										②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/23 7:38 AM										
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	130	3.3									40
Cs-134 (about 2 years)	550	9.2									60
Cs-137 (about 30 years)	610	6.8									90
Mn-54 (about 313 days)	ND	-									1,000
Co-60 (about 5 years)	ND	-									200
Tc-99m (about 6 hours)	ND	-									40,000
Te-129m (about 34 days)	ND	-									300
Te-129 (about 70 minutes)	ND	-									10,000
Cs-136 (about 13 days)	ND	-									300
Ba-140 (about 13 days)	ND	-									300
La-140 (about 2 days)	ND	-									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <1/3>

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/24 6:31 AM		2011/6/24 6:54 AM		2011/6/24 7:00 AM		2011/6/24 7:00 AM		2011/6/24 7:10 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	11	0.28	69	1.7	69	1.7	64	1.6	70	1.8	40
Cs-134 (about 2 years)	110	1.8	280	4.7	490	8.2	300	5.0	290	4.8	60
Cs-137 (about 30 years)	100	1.1	310	3.4	550	6.1	350	3.9	290	3.2	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <2/3>

Place of Sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/24 7:10 AM		2011/6/24 7:15 AM		2011/6/24 7:23 AM		2011/6/24 7:15 AM		2011/6/24 7:23 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	180	4.5	170	4.3	130	3.3	110	2.8	55	1.4	40
Cs-134 (about 2 years)	1,300	22	370	6.2	350	5.8	540	9.0	1,100	18	60
Cs-137 (about 30 years)	1,400	16	380	4.2	410	4.6	600	6.7	1,300	14	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <3/3>

Place of Sampling	Inside the south of 1F's Unit 1-4 Water Intake Canal										②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/24 7:30 AM										
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	-									40
Cs-134 (about 2 years)	300	5.0									60
Cs-137 (about 30 years)	320	3.6									90
Mn-54 (about 313 days)	ND	-									1,000
Co-60 (about 5 years)	ND	-									200
Tc-99m (about 6 hours)	ND	-									40,000
Te-129m (about 34 days)	ND	-									300
Te-129 (about 70 minutes)	ND	-									10,000
Cs-136 (about 13 days)	ND	-									300
Ba-140 (about 13 days)	ND	-									300
La-140 (about 2 days)	ND	-									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <1/3>

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/25 7:00 AM		2011/6/25 7:25 AM		2011/6/25 7:29 AM		2011/6/25 7:29 AM		2011/6/25 7:38 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	11	0.28	91	2.3	91	2.3	82	2.1	84	2.1	40
Cs-134 (about 2 years)	160	2.7	1,600	27	380	6.3	450	7.5	340	5.7	60
Cs-137 (about 30 years)	160	1.8	1,700	19	400	4.4	490	5.4	380	4.2	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <2/3>

Place of Sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/25 7:38 AM		2011/6/25 7:45 AM		2011/6/25 7:50 AM		2011/6/25 7:47 AM		2011/6/25 7:52 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	1,300	33	74	1.9	65	1.6	75	1.9	70	1.8	40
Cs-134 (about 2 years)	810	14	330	5.5	790	13	580	9.7	490	8.2	60
Cs-137 (about 30 years)	880	9.8	350	3.9	870	9.7	620	6.9	510	5.7	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <3/3>

Place of Sampling	Inside the south of 1F's Unit 1-4 Water Intake Canal										②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/25 7:57 AM										
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	-									40
Cs-134 (about 2 years)	330	5.5									60
Cs-137 (about 30 years)	330	3.7									90
Mn-54 (about 313 days)	ND	-									1,000
Co-60 (about 5 years)	ND	-									200
Tc-99m (about 6 hours)	ND	-									40,000
Te-129m (about 34 days)	ND	-									300
Te-129 (about 70 minutes)	ND	-									10,000
Cs-136 (about 13 days)	ND	-									300
Ba-140 (about 13 days)	ND	-									300
La-140 (about 2 days)	ND	-									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <1/3>

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/26 6:58 AM		2011/6/26 7:17 AM		2011/6/26 7:20 AM		2011/6/26 7:23 AM		2011/6/26 7:31 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	-	89	2.2	78	2.0	80	2.0	80	2.0	40
Cs-134 (about 2 years)	99	1.7	390	6.5	410	6.8	380	6.3	370	6.2	60
Cs-137 (about 30 years)	100	1.1	430	4.8	420	4.7	430	4.8	410	4.6	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <2/3>

Place of Sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/26 7:33 AM		2011/6/26 7:40 AM		2011/6/26 7:43 AM		2011/6/26 7:47 AM		2011/6/26 7:50 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	1,600	40	210	5.3	150	3.8	210	5.3	190	4.8	40
Cs-134 (about 2 years)	1,700	28	450	7.5	1,500	25	500	8.3	650	11	60
Cs-137 (about 30 years)	1,800	20	440	4.9	1,600	18	520	5.8	700	7.8	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <3/3>

Place of Sampling	Inside the south of 1F's Unit 1-4 Water Intake Canal										②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/26 7:57 AM										
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	240	6.0									40
Cs-134 (about 2 years)	500	8.3									60
Cs-137 (about 30 years)	580	6.4									90
Mn-54 (about 313 days)	ND	-									1,000
Co-60 (about 5 years)	ND	-									200
Tc-99m (about 6 hours)	ND	-									40,000
Te-129m (about 34 days)	ND	-									300
Te-129 (about 70 minutes)	ND	-									10,000
Cs-136 (about 13 days)	ND	-									300
Ba-140 (about 13 days)	ND	-									300
La-140 (about 2 days)	ND	-									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <1/3>

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/27 6:50 AM		2011/6/27 7:09 AM		2011/6/27 7:13 AM		2011/6/27 7:15 AM		2011/6/27 7:20 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	-	64	1.6	46	1.2	45	1.1	60	1.5	40
Cs-134 (about 2 years)	120	2.0	300	5.0	240	4.0	290	4.8	300	5.0	60
Cs-137 (about 30 years)	130	1.4	330	3.7	270	3.0	320	3.6	330	3.7	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <2/3>

Place of Sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/27 7:23 AM		2011/6/27 7:27 AM		2011/6/27 7:32 AM		2011/6/27 7:35 AM		2011/6/27 7:38 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	1,200	30	45	1.1	74	1.9	56	1.4	61	1.5	40
Cs-134 (about 2 years)	690	12	290	4.8	730	12	500	8.3	940	16	60
Cs-137 (about 30 years)	780	8.7	300	3.3	770	8.6	560	6.2	1,000	11	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <3/3>

Place of Sampling	Inside the south of 1F's Unit 1-4 Water Intake Canal										②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/27 7:45 AM										
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	41	1.0									40
Cs-134 (about 2 years)	300	5.0									60
Cs-137 (about 30 years)	350	3.9									90
Mn-54 (about 313 days)	ND	-									1,000
Co-60 (about 5 years)	ND	-									200
Tc-99m (about 6 hours)	ND	-									40,000
Te-129m (about 34 days)	ND	-									300
Te-129 (about 70 minutes)	ND	-									10,000
Cs-136 (about 13 days)	ND	-									300
Ba-140 (about 13 days)	ND	-									300
La-140 (about 2 days)	ND	-									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <1/3>

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/28 6:40 AM		2011/6/28 6:56 AM		2011/6/28 7:00 AM		2011/6/28 7:02 AM		2011/6/28 7:05 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	-	24	0.60	24	0.60	50	1.3	100	2.5	40
Cs-134 (about 2 years)	81	1.4	160	2.7	160	2.7	470	7.8	230	3.8	60
Cs-137 (about 30 years)	90	1.0	180	2.0	190	2.1	520	5.8	270	3.0	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <2/3>

Place of Sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/28 7:09 AM		2011/6/28 7:12 AM		2011/6/28 7:15 AM		2011/6/28 7:17 AM		2011/6/28 7:21 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	390	9.8	29	0.73	81	2.0	27	0.68	50	1.3	40
Cs-134 (about 2 years)	1,500	25	160	2.7	4,500	75	230	3.8	1,800	30	60
Cs-137 (about 30 years)	1,600	18	190	2.1	4,800	53	240	2.7	2,000	22	90
Mn-54 (about 313 days)	13	0.01	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <3/3>

Place of Sampling	Inside the south of 1F's Unit 1-4 Water Intake Canal										②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/28 7:26 AM										
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	23	0.58									40
Cs-134 (about 2 years)	350	5.8									60
Cs-137 (about 30 years)	390	4.3									90
Mn-54 (about 313 days)	ND	-									1,000
Co-60 (about 5 years)	ND	-									200
Tc-99m (about 6 hours)	ND	-									40,000
Te-129m (about 34 days)	ND	-									300
Te-129 (about 70 minutes)	ND	-									10,000
Cs-136 (about 13 days)	ND	-									300
Ba-140 (about 13 days)	ND	-									300
La-140 (about 2 days)	ND	-									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <1/3>

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/29 6:35 AM		2011/6/29 6:52 AM		2011/6/29 6:56 AM		2011/6/29 6:58 AM		2011/6/29 7:04 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	-	51	1.3	49	1.2	44	1.1	57	1.4	40
Cs-134 (about 2 years)	180	3.0	220	3.7	230	3.8	470	7.8	220	3.7	60
Cs-137 (about 30 years)	210	2.3	270	3.0	250	2.8	490	5.4	250	2.8	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <2/3>

Place of Sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/29 7:07 AM		2011/6/29 7:10 AM		2011/6/29 7:13 AM		2011/6/29 7:17 AM		2011/6/29 7:19 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	270	6.8	49	1.2	98	2.5	40	1.0	40	1.0	40
Cs-134 (about 2 years)	860	14	230	3.8	4,500	75	270	4.5	1,200	20	60
Cs-137 (about 30 years)	940	10	270	3.0	4,800	53	280	3.1	1,300	14	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <3/3>

Place of Sampling	Inside the south of 1F's Unit 1-4 Water Intake Canal										②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/29 7:25 AM										
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	47	1.18									40
Cs-134 (about 2 years)	200	3.3									60
Cs-137 (about 30 years)	220	2.4									90
Mn-54 (about 313 days)	ND	-									1,000
Co-60 (about 5 years)	ND	-									200
Tc-99m (about 6 hours)	ND	-									40,000
Te-129m (about 34 days)	ND	-									300
Te-129 (about 70 minutes)	ND	-									10,000
Cs-136 (about 13 days)	ND	-									300
Ba-140 (about 13 days)	ND	-									300
La-140 (about 2 days)	ND	-									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <1/3>

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/30 6:25 AM		2011/6/30 6:39 AM		2011/6/30 6:44 AM		2011/6/30 6:49 AM		2011/6/30 6:54 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	-	72	1.8	68	1.7	42	1.1	75	1.9	40
Cs-134 (about 2 years)	160	2.7	320	5.3	300	5.0	530	8.8	300	5.0	60
Cs-137 (about 30 years)	180	2.0	330	3.7	310	3.4	570	6.3	330	3.7	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <2/3>

Place of Sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/30 6:59 AM		2011/6/30 7:04 AM		2011/6/30 7:08 AM		2011/6/30 7:13 AM		2011/6/30 7:16 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	380	9.5	68	1.7	78	2.0	60	1.5	34	0.85	40
Cs-134 (about 2 years)	1,400	23	330	5.5	4,300	72	350	5.8	1,100	18	60
Cs-137 (about 30 years)	1,500	17	350	3.9	4,700	52	390	4.3	1,300	14	90
Mn-54 (about 313 days)	8.9	0.01	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <3/3>

Place of Sampling	Inside the south of 1F's Unit 1-4 Water Intake Canal										②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/6/30 7:20 AM										
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	25	0.63									40
Cs-134 (about 2 years)	550	9.2									60
Cs-137 (about 30 years)	610	6.8									90
Mn-54 (about 313 days)	ND	-									1,000
Co-60 (about 5 years)	ND	-									200
Tc-99m (about 6 hours)	ND	-									40,000
Te-129m (about 34 days)	ND	-									300
Te-129 (about 70 minutes)	ND	-									10,000
Cs-136 (about 13 days)	ND	-									300
Ba-140 (about 13 days)	ND	-									300
La-140 (about 2 days)	ND	-									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <1/3>

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/7/1 6:35 AM		2011/7/1 6:51 AM		2011/7/1 7:02 AM		2011/7/1 7:05 AM		2011/7/1 7:08 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	-	96	2.4	99	2.5	46	1.2	110	2.8	40
Cs-134 (about 2 years)	180	3.0	440	7.3	450	7.5	480	8.0	440	7.3	60
Cs-137 (about 30 years)	160	1.8	460	5.1	470	5.2	560	6.2	480	5.3	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <2/3>

Place of Sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/7/1 7:13 AM		2011/7/1 7:17 AM		2011/7/1 7:22 AM		2011/7/1 7:27 AM		2011/7/1 7:32 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	360	9.0	92	2.3	80	2.0	76	1.9	ND	-	40
Cs-134 (about 2 years)	1,400	23	410	6.8	4,100	68	490	8.2	1,200	20	60
Cs-137 (about 30 years)	1,600	18	450	5.0	4,400	49	510	5.7	1,300	14	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <3/3>

Place of Sampling	Inside the south of 1F's Unit 1-4 Water Intake Canal										②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)※
Time and Date of Sample Collection	2011/7/1 7:38 AM										
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	83	2.1									40
Cs-134 (about 2 years)	490	8.2									60
Cs-137 (about 30 years)	490	5.4									90
Mn-54 (about 313 days)	ND	-									1,000
Co-60 (about 5 years)	ND	-									200
Tc-99m (about 6 hours)	ND	-									40,000
Te-129m (about 34 days)	ND	-									300
Te-129 (about 70 minutes)	ND	-									10,000
Cs-136 (about 13 days)	ND	-									300
Ba-140 (about 13 days)	ND	-									300
La-140 (about 2 days)	ND	-									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ **In the case that the data is below measurable limit, "ND" is stated.**

【Final】 Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	2011/6/18 11:54	2011/6/18 12:01	2011/6/18 12:07	2011/6/18 12:25	Not Eligible	2011/6/18 12:20	2011/6/18 12:32
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm^3)						
I-131 (about 8 days)	ND	ND	ND	ND		ND	ND
Cs-134 (about 2 years)	ND	ND	ND	2.8E-02		6.9E-01	2.4E-02
Cs-137 (about 30 years)	ND	ND	ND	4.0E-02		7.9E-01	2.5E-02
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND

※ ○.○E−○ means ○.○×10.

※ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 2E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3). Nuclide may be detected below the limit as the detection limit differs due to detector and sample condition.

【Final】 Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	2011/6/19 11:34	2011/6/19 11:40	2011/6/19 11:46	2011/6/19 12:02	Not Eligible	2011/6/19 11:58	2011/6/19 12:08
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm^3)						
I-131 (about 8 days)	9.3E-03	ND	ND	6.2E-03		1.4E-02	ND
Cs-134 (about 2 years)	2.2E-02	ND	ND	7.9E-02		2.1E-01	2.5E-02
Cs-137 (about 30 years)	1.8E-02	ND	ND	8.4E-02		2.4E-01	2.5E-02
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND

※ ○.○E−○ means ○.○×10.

※ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 7E-3Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3). Nuclide may be detected below the limit as the detection limit differs due to detector and sample condition.

【Final】 Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	2011/6/20 11:43	2011/6/20 11:49	2011/6/20 11:54	2011/6/20 12:11	2011/6/20 12:01	2011/6/20 12:06	2011/6/20 12:18
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm^3)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	1.7E-02	ND
Cs-134 (about 2 years)	ND	ND	ND	7.6E-02	ND	2.8E-01	2.7E-02
Cs-137 (about 30 years)	ND	ND	ND	8.5E-02	ND	3.2E-01	ND
Te-129 (about 70 minutes)	ND	ND	ND	ND	ND	ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND	ND	ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND	ND	ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND	ND	ND	ND

※ ○.○E−○ means ○.○×10.

※ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3). Nuclide may be detected below the limit as the detection limit differs due to detector and sa

【Final】 Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	2011/6/21 11:41	2011/6/21 11:47	2011/6/21 11:52	2011/6/21 12:03	Not Eligible	2011/6/21 11:57	2011/6/21 12:09
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm^3)						
I-131 (about 8 days)	ND	ND	ND	ND		1.9E-02	ND
Cs-134 (about 2 years)	ND	ND	ND	3.4E-02		4.2E-01	6.5E-02
Cs-137 (about 30 years)	ND	ND	ND	3.9E-02		4.4E-01	7.7E-02
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND

※ ○.○E−○ means ○.○×10.

※ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3). Nuclide may be detected below the limit as the detection limit differs due to detector and sa

【Final】 Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	2011/6/22 12:07	2011/6/22 12:15	2011/6/22 12:21	2011/6/22 12:34	Not Eligible	2011/6/22 12:30	2011/6/22 12:42
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm^3)						
I-131 (about 8 days)	1.1E-02	ND	ND	ND		ND	ND
Cs-134 (about 2 years)	3.5E-02	ND	3.9E-02	2.4E-02		3.4E-01	2.5E-02
Cs-137 (about 30 years)	5.4E-02	ND	4.7E-02	4.2E-02		3.4E-01	3.4E-02
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND

※ ○.○E−○ means ○.○×10.

※ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3). Nuclide may be detected below the limit as the detection limit differs due to detector and sa

【Final】 Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	2011/6/23 11:36	2011/6/23 11:41	2011/6/23 11:47	2011/6/23 11:58	Not Eligible	2011/6/23 11:53	2011/6/23 12:04
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm^3)						
I-131 (about 8 days)	ND	ND	ND	ND		ND	ND
Cs-134 (about 2 years)	2.1E-02	ND	ND	3.4E-02		4.8E-01	4.8E-02
Cs-137 (about 30 years)	2.1E-02	ND	ND	4.1E-02		5.1E-01	6.1E-02
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND

※ ○.○E−○ means ○.○×10.

※ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3). Nuclide may be detected below the limit as the detection limit differs due to detector and sa

【Final】 Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	2011/6/24 11:42	2011/6/24 11:48	2011/6/24 11:53	2011/6/24 12:04	Not Eligible	2011/6/24 11:58	2011/6/24 12:09
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm^3)						
I-131 (about 8 days)	ND	ND	ND	ND		ND	ND
Cs-134 (about 2 years)	2.2E-02	ND	ND	4.2E-02		5.3E-01	3.6E-02
Cs-137 (about 30 years)	2.7E-02	7.5E-03	ND	5.6E-02		5.7E-01	4.7E-02
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND

※ ○.○E−○ means ○.○×10.

※ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 7E-3Bq/cm3, Cs-137: approx. 6E-3Bq/cm3). Nuclide may be detected below the limit as the detection limit differs due to detector and sample condition.

【Final】 Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	2011/6/25 11:31	2011/6/25 11:37	2011/6/25 11:42	2011/6/25 11:52	Not Eligible	2011/6/25 11:48	2011/6/25 11:59
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm^3)						
I-131 (about 8 days)	5.0E-03	ND	ND	ND		ND	ND
Cs-134 (about 2 years)	2.8E-02	ND	2.2E-02	5.7E-02		5.4E-01	5.2E-02
Cs-137 (about 30 years)	2.9E-02	6.6E-03	2.0E-02	7.7E-02		6.1E-01	5.3E-02
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND

※ ○.○E−○ means ○.○×10.

※ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 7E-3Bq/cm3). Nuclide may be detected below the limit as the detection limit differs due to detector and sample condition.

【Final】 Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	2011/6/26 11:16	2011/6/26 11:22	2011/6/26 11:28	2011/6/26 11:38	Not Eligible	2011/6/26 11:34	2011/6/26 11:43
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm^3)						
I-131 (about 8 days)	ND	ND	ND	ND		ND	ND
Cs-134 (about 2 years)	ND	ND	ND	1.1E-01		2.7E-01	3.7E-02
Cs-137 (about 30 years)	ND	2.0E-02	ND	1.1E-01		3.2E-01	3.2E-02
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND

※ ○.○E−○ means ○.○×10.

※ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-3Bq/cm3). Nuclide may be detected below the limit as the detection limit differs due to detector and sample condition.

【Final】 Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	2011/6/27 11:51	2011/6/27 11:56	2011/6/27 12:02	2011/6/27 12:16	2011/6/27 12:07	2011/6/27 12:12	2011/6/27 12:24
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm^3)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	4.1E-02	ND	3.6E-01	3.0E-02
Cs-137 (about 30 years)	2.1E-02	ND	ND	5.4E-02	ND	4.0E-01	3.4E-02
Te-129 (about 70 minutes)	ND	ND	ND	ND	ND	ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND	ND	ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND	ND	ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND	ND	ND	ND

※ ○.○E−○ means ○.○×10.

※ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 2E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3). Nuclide may be detected below the limit as the detection limit differs due to detector and sample condition.

【Final】 Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	2011/6/28 11:21	2011/6/28 11:28	2011/6/28 11:39	2011/6/28 11:49	Not Eligible	2011/6/28 11:45	2011/6/28 11:54
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm^3)						
I-131 (about 8 days)	ND	ND	ND	ND		1.7E-02	ND
Cs-134 (about 2 years)	ND	ND	ND	8.3E-02		3.8E-01	3.5E-02
Cs-137 (about 30 years)	ND	ND	2.4E-02	7.5E-02		4.1E-01	2.7E-02
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND

※ ○.○E−○ means ○.○×10.

※ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 9E-3Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3). Nuclide may be detected below the limit as the detection limit differs due to detector and sample condition.

【Final】 Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	2011/6/29 11:55	2011/6/29 12:02	2011/6/29 12:07	2011/6/29 12:21	Not Eligible	2011/6/29 12:15	2011/6/29 12:28
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm^3)						
I-131 (about 8 days)	ND	ND	ND	ND		ND	ND
Cs-134 (about 2 years)	1.4E-02	8.2E-03	ND	2.8E-02		4.0E-01	ND
Cs-137 (about 30 years)	2.4E-02	ND	2.0E-02	5.4E-02		4.7E-01	3.5E-02
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND

※ ○.○E−○ means ○.○×10.

※ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 9E-3Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3). Nuclide may be detected below the limit as the detection limit differs due to detector and sample condition.

【Final】 Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	2011/6/30 11:20	2011/6/30 11:25	2011/6/30 11:31	2011/6/30 11:40	Not Eligible	2011/6/30 11:36	2011/6/30 11:46
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm^3)						
I-131 (about 8 days)	ND	ND	ND	ND		ND	ND
Cs-134 (about 2 years)	ND	ND	ND	3.0E-02		3.2E-01	3.5E-02
Cs-137 (about 30 years)	2.3E-02	ND	ND	4.4E-02		3.7E-01	3.9E-02
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND

※ ○.○E−○ means ○.○×10.

※ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3). Nuclide may be detected below the limit as the detection limit differs due to detector and sa

【Final】 Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	2011/7/1 11:38	2011/7/1 11:44	2011/7/1 11:50	2011/7/1 12:00	Not Eligible	2011/7/1 11:55	2011/7/1 12:06
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm^3)						
I-131 (about 8 days)	ND	ND	ND	ND		ND	ND
Cs-134 (about 2 years)	ND	ND	ND	8.5E-02		2.2E-01	ND
Cs-137 (about 30 years)	ND	ND	ND	9.8E-02		3.0E-01	3.8E-02
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND

※ ○.○E−○ means ○.○×10.

※ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 2E-2Bq/cm3, Cs-134: approx. 3E-2Bq/cm3, Cs-137: approx. 4E-2Bq/cm3). Nuclide may be detected below the limit as the detection limit differs due to detector and sa

【Final】Results of Nuclide Analysis of Sub-drains at Fukushima Daiichi Nuclear Power Station

Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	**11:40 am June 20, 2011**	**11: 36 am June 20, 2011**	**11:32 am June 20, 2011**	**11:43 am June 20, 2011**	**11:20 am June 20, 2011**	**11:15 am June 20, 2011**	**4:55 pm June 20, 2011**
Detected Nuclides (Half-life)	**Radioactivity Density of Sample (Bq/cm^3)**						
I-131 (about 8 days)	**ND**	**5.7E-01**	**ND**	**ND**	**ND**	**ND**	**ND**
Cs-134 (about 2 years)	**3.2E+00**	**1.1E+01**	**8.6E-02**	**ND**	**ND**	**ND**	**ND**
Cs-137 (about 30 years)	**4.0E+00**	**1.3E+01**	**8.2E-02**	**ND**	**ND**	**ND**	**ND**
Nb-95 (about 35 days)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Sb-125 (about 3 years)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Ag-110m (about 250 days)	**6.6E-02**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Te-129 (about 70 minutes)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Te-129m (about 34 days)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Cs-136 (about 13 days)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Ba-140 (about 13 days)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
La-140 (about 2 days)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**

※ ○.○E－○ means ○.○×10.

※ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 4E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3)

【Final】Results of Nuclide Analysis of Sub-drains at Fukushima Daiichi Nuclear Power Station

Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	**12:11 pm June 22, 2011**	**12:08 pm June 22, 2011**	**12:05 pm June 22, 2011**	**12:07 pm June 22, 2011**	**11:53 am June 22, 2011**	**11:47 am June 22, 2011**	**9:55 am June 22, 2011**
Detected Nuclides (Half-life)	**Radioactivity Density of Sample (Bq/cm^3)**						
I-131 (about 8 days)	**1.4E-01**	**4.7E-01**	**ND**	**1.1E-02**	**ND**	**ND**	**ND**
Cs-134 (about 2 years)	**1.9E+01**	**1.0E+01**	**7.6E-02**	**3.5E-02**	**ND**	**ND**	**ND**
Cs-137 (about 30 years)	**2.3E+01**	**1.2E+01**	**7.8E-02**	**5.4E-02**	**ND**	**ND**	**ND**
Nb-95 (about 35 days)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Sb-125 (about 3 years)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Ag-110m (about 250 days)	**1.7E-01**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Te-129 (about 70 minutes)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Te-129m (about 34 days)	**2.1E+00**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Cs-136 (about 13 days)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Ba-140 (about 13 days)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
La-140 (about 2 days)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**

※ ○.○E－○ means ○.○×10.

※ **ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3)**

【Final】Results of Nuclide Analysis of Sub-drains at Fukushima Daiichi Nuclear Power Station

Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	**11:45 am June 24, 2011**	**11:40 am June 24, 2011**	**11:35 am June 24, 2011**	**11:42 am June 24, 2011**	**11:20 am June 24, 2011**	**11:10 am June 24, 2011**	**9:26 am June 24, 2011**
Detected Nuclides (Half-life)	**Radioactivity Density of Sample (Bq/cm^3)**						
I-131 (about 8 days)	**ND**	**3.7E-01**	**ND**	**ND**	**ND**	**ND**	**ND**
Cs-134 (about 2 years)	**8.5E+00**	**1.0E+01**	**5.6E-02**	**2.2E-02**	**ND**	**1.4E-02**	**ND**
Cs-137 (about 30 years)	**1.0E+01**	**1.2E+01**	**7.2E-02**	**2.7E-02**	**ND**	**1.8E-02**	**ND**
Nb-95 (about 35 days)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Sb-125 (about 3 years)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Ag-110m (about 250 days)	**1.1E-01**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Te-129 (about 70 minutes)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Te-129m (about 34 days)	**8.8E-01**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Cs-136 (about 13 days)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Ba-140 (about 13 days)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
La-140 (about 2 days)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**

※ ○.○E－○ means ○.○×10.

※ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 5E-2Bq/cm3, Cs-134: approx. 7E-3Bq/cm3, Cs-137: approx. 7E-3Bq/cm3)

【Final】Results of Nuclide Analysis of Sub-drains at Fukushima Daiichi Nuclear Power Station

Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	**11:50 am June 27, 2011**	**11:45 am June 27, 2011**	**11:40 am June 27, 2011**	**11:51 am June 27, 2011**	**11:25 am June 27, 2011**	**11:20 am June 27, 2011**	**8:45 am June 27, 2011**
Detected Nuclides (Half-life)	**Radioactivity Density of Sample (Bq/cm^3)**						
I-131 (about 8 days)	**9.4E-02**	**3.0E-01**	**ND**	**ND**	**ND**	**ND**	**ND**
Cs-134 (about 2 years)	**1.3E+01**	**9.3E+00**	**5.6E-02**	**ND**	**ND**	**2.4E-02**	**ND**
Cs-137 (about 30 years)	**1.6E+01**	**1.2E+01**	**8.6E-02**	**2.1E-02**	**ND**	**ND**	**ND**
Nb-95 (about 35 days)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Sb-125 (about 3 years)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Ag-110m (about 250 days)	**1.8E-01**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Te-129 (about 70 minutes)	**1.1E+00**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Te-129m (about 34 days)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Cs-136 (about 13 days)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Ba-140 (about 13 days)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
La-140 (about 2 days)	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**

※ ○.○E－○ means ○.○×10.

※ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3)

【Final】Results of Nuclide Analysis of Sub-drains at Fukushima Daiichi Nuclear Power Station

Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	**12:27 pm June 29, 2011**	**12:17 pm June 29, 2011**	**12:13 pm June 29, 2011**	**11:55 am June 29, 2011**	**12:02 pm June 29, 2011**	**11:58 am June 29, 2011**	**9:50 am June 29, 2011**
Detected Nuclides (Half-life)	**Radioactivity Density of Sample (Bq/cm^3)**						
I-131 (about 8 days)	ND	3.0E-01	1.3E-01	ND	ND	ND	ND
Cs-134 (about 2 years)	3.1E+00	9.1E+00	3.1E-01	1.4E-02	ND	9.7E-03	ND
Cs-137 (about 30 years)	3.8E+00	1.1E+01	4.0E-01	2.4E-02	ND	1.1E-02	ND
Nb-95 (about 35 days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (about 3 years)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (about 250 days)	ND	ND	ND	ND	ND	ND	ND
Te-129 (about 70 minutes)	ND	ND	ND	ND	ND	ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND	ND	ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND	ND	ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND	ND	ND	ND
La-140 (about 2 days)	ND	ND	ND	ND	ND	ND	ND

※ ○.○E－○ means ○.○×10.

※ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 3E-2Bq/cm3, Cs-134: approx. 6E-3Bq/cm3, Cs-137: approx. 7E-3Bq/cm3)

【Final】Results of Nuclide Analysis of Sub-drains at Fukushima Daiichi Nuclear Power Station

Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	**11:45 am July 1, 2011**	**12:00 pm July 1, 2011**	**12:15 pm July 1, 2011**	**11:38 am July 1, 2011**	**11:30 am July 1, 2011**	**11:25 am July 1, 2011**	**10:25 am July 1, 2011**
Detected Nuclides (Half-life)	**Radioactivity Density of Sample (Bq/cm^3)**						
I-131 (about 8 days)	ND	2.5E-01	1.0E-01	ND	ND	ND	ND
Cs-134 (about 2 years)	5.9E+00	9.6E+00	2.5E-01	ND	ND	ND	ND
Cs-137 (about 30 years)	7.1E+00	1.1E+01	3.3E-01	ND	ND	ND	ND
Nb-95 (about 35 days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (about 3 years)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (about 250 days)	ND	ND	ND	ND	ND	ND	ND
Te-129 (about 70 minutes)	ND	ND	ND	ND	ND	ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND	ND	ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND	ND	ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND	ND	ND	ND
La-140 (about 2 days)	ND	ND	ND	ND	ND	ND	ND

※ ○.○E－○ means ○.○×10.

※ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 5E-2Bq/cm3, Cs-134: approx. 3E-2Bq/cm3, Cs-137: approx. 4E-2Bq/cm3)

【Definite Report】Result of Nuclide Analysis of Seawater <Offshore of Ibaraki Prefecture 1/2>

Place of Sampling	3 km offshore of Takadokobama shore Upper Layer		3 km offshore of Takadokobama shore Lower Layer		3 km offshore of Kujihama shore Upper Layer		3 km offshore of Kujihama shore Lower Layer		3 km offshore of Oarai shore Upper Layer		3 km offshore of Oarai shore Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/ L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	2011/6/17 8:36 am		2011/6/17 8:35 am		2011/6/17 8:24 am		2011/6/17 8:22 am		2011/6/17 1:36 pm		2011/6/17 1:35 pm		
Detected Nuclides (Half-life)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	
I-131 (approx 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (approx 2 yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (approx 30 yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx 66 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (approx 6 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx70分)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx 2 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L、Cs-134: approx. 17Bq/L、Cs-137: approx. 16Bq/L
However, detection limits differs depending on the

【Definite Report】Result of Nuclide Analysis of Seawater <Offshore of Ibaraki Prefecture 2/2>

Place of Sampling	3 km offshore of Hirai shore Upper Layer		3 km offshore of Hirai shore Lower Layer		3 km offshore of Hasaki shore Upper Layer		3 km offshore of Hasaki shore Lower Layer						② Density limit by the announcement of Reactor Regulation (Bq/ L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	2011/6/18 1:15 pm		2011/6/18 13:03 pm		2011/6/18 7:37 am		2011/6/18 7:36 am						
Detected Nuclides (Half-life)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	
I-131 (approx 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (approx 2 yrs)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (approx 30 yrs)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (approx 66 hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Tc-99m (approx 6 hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx 34 days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx70)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx 3 days)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx 2 hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx 13 days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (approx 13 days)	ND	-	ND	-	ND	-	ND	-					300
La-140 (approx 2 days)	ND	-	ND	-	ND	-	ND	-					400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L、Cs-134: approx. 17Bq/L、Cs-137: approx. 16Bq/L
However, detection limits differs depending on the

【Definite Report】Result of Nuclide Analysis of Seawater <Offshore of Ibaraki Prefecture 1/2>

Place of Sampling	3 km offshore of Takadokobama shore Upper Layer		3 km offshore of Takadokobama shore Lower Layer		3 km offshore of Kujihama shore Upper Layer		3 km offshore of Kujihama shore Lower Layer		3 km offshore of Oarai shore Upper Layer		3 km offshore of Oarai shore Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/ L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	2011/6/21 8:41 am		2011/6/21 8:39 am		2011/6/22 8:21 am		2011/6/22 8:19 am		2011/6/22 1:15 pm		2011/6/22 1:13 pm		
Detected Nuclides (Half-life)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	
I-131 (approx 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (approx 2 yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (approx 30 yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx 66 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (approx 6 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx70分)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx 2 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 8Bq/L、Cs-134: approx. 14Bq/L、Cs-137: approx. 12Bq/L
However, detection limits differs depending on the

【Definite Report】Result of Nuclide Analysis of Seawater <Offshore of Ibaraki Prefecture 2/2>

Place of Sampling	3 km offshore of Hirai shore Upper Layer		3 km offshore of Hirai shore Lower Layer		3 km offshore of Hasaki shore Upper Layer		3 km offshore of Hasaki shore Lower Layer						② Density limit by the announcement of Reactor Regulation (Bq/ L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	2011/6/21 1:30 pm		2011/6/21 1:28 pm		2011/6/21 7:39 am		2011/6/21 7:38 am						
Detected Nuclides (Half-life)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	
I-131 (approx 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (approx 2 yrs)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (approx 30 yrs)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (approx 66 hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Tc-99m (approx 6 hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx 34 days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx70)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx 3 days)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx 2 hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx 13 days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (approx 13 days)	ND	-	ND	-	ND	-	ND	-					300
La-140 (approx 2 days)	ND	-	ND	-	ND	-	ND	-					400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 8Bq/L、Cs-134: approx. 13Bq/L、Cs-137: approx. 13Bq/L
However, detection limits differs depending on the

【Definite Report】Result of Nuclide Analysis of Seawater <Offshore of Ibaraki Prefecture 1/2>

Place of Sampling	3 km offshore of Takadokobama shore Upper Layer		3 km offshore of Takadokobama shore Lower Layer		3 km offshore of Kujihama shore Upper Layer		3 km offshore of Kujihama shore Lower Layer		3 km offshore of Oarai shore Upper Layer		3 km offshore of Oarai shore Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/ L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	2011/6/24 8:40 am		2011/6/24 8:37 am		2011/6/24 8:33 am		2011/6/24 8:30 am		2011/6/25 8:20 am		2011/6/25 8:16 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	
I-131 (approx 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (approx 2 yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (approx 30 yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx 66 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (approx 6 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx70分)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx 2 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L、Cs-134: approx. 17Bq/L、Cs-137: approx. 16Bq/L
However, detection limits differs depending on the

【Definite Report】Result of Nuclide Analysis of Seawater <Offshore of Ibaraki Prefecture 2/2>

Place of Sampling	3 km offshore of Hirai shore Upper Layer		3 km offshore of Hirai shore Lower Layer		3 km offshore of Hasaki shore Upper Layer		3 km offshore of Hasaki shore Lower Layer						② Density limit by the announcement of Reactor Regulation (Bq/ L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	2011/6/25 10:55 am		2011/6/25 10:53 am		2011/6/25 7:36 am		2011/6/25 7:35 am						
Detected Nuclides (Half-life)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	
I-131 (approx 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (approx 2 yrs)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (approx 30 yrs)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (approx 66 hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Tc-99m (approx 6 hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx 34 days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx70)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx 3 days)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx 2 hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx 13 days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (approx 13 days)	ND	-	ND	-	ND	-	ND	-					300
La-140 (approx 2 days)	ND	-	ND	-	ND	-	ND	-					400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L、Cs-134: approx. 17Bq/L、Cs-137: approx. 16Bq/L
However, detection limits differs depending on the

【Definite Report】Result of Nuclide Analysis of Seawater <Offshore of Ibaraki Prefecture 1/2>

Place of Sampling	3 km offshore of Takadokobama shore Upper Layer		3 km offshore of Takadokobama shore Lower Layer		3 km offshore of Kujihama shore Upper Layer		3 km offshore of Kujihama shore Lower Layer		3 km offshore of Oarai shore Upper Layer		3 km offshore of Oarai shore Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/ L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	2011/6/28 8:39 am		2011/6/28 8:37 am		2011/6/29 8:15 am		2011/6/29 8:13 am		2011/6/29 1:27 pm		2011/6/29 1:26 pm		
Detected Nuclides (Half-life)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	
I-131 (approx 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (approx 2 yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (approx 30 yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx 66 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (approx 6 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx70分)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx 2 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 6Bq/L、Cs-134: approx. 15Bq/L、Cs-137: approx. 17Bq/L
However, detection limits differs depending on the

【Definite Report】Result of Nuclide Analysis of Seawater <Offshore of Ibaraki Prefecture 2/2>

Place of Sampling	3 km offshore of Hirai shore Upper Layer		3 km offshore of Hirai shore Lower Layer		3 km offshore of Hasaki shore Upper Layer		3 km offshore of Hasaki shore Lower Layer						② Density limit by the announcement of Reactor Regulation (Bq/ L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	2011/6/28 1:42 pm		2011/6/28 1:43 pm		2011/6/28 7:35 am		2011/6/28 7:34 am						
Detected Nuclides (Half-life)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	
I-131 (approx 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (approx 2 yrs)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (approx 30 yrs)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (approx 66 hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Tc-99m (approx 6 hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx 34 days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx70)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx 3 days)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx 2 hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx 13 days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (approx 13 days)	ND	-	ND	-	ND	-	ND	-					300
La-140 (approx 2 days)	ND	-	ND	-	ND	-	ND	-					400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L、Cs-134: approx. 17Bq/L、Cs-137: approx. 16Bq/L
However, detection limits differs depending on the

【Definite Report】Result of Nuclide Analysis of Seawater <Offshore of Miyagi Prefecture 1/2>

Place of Sampling	Ishinomaki bay Upper Layer		Ishinomaki bay Middle Layer		Ishinomaki bay Lower Layer		Offshore of East side of Kinkasan Upper Layer		Offshore of East side of Kinkasan Middle Layer		Offshore of East side of Kinkasan Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/ L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	2011/6/21 11:00 am		2011/6/21 10:55 am		2011/6/21 10:50 am		2011/6/21 8:51 am		2011/6/21 8:42 am		2011/6/21 8:20 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 5Bq/L、Cs-134: approx. 6Bq/L、Cs-137: approx. 6Bq/L
However, detection limits differs depending on the

【Definite Report】 Result of Nuclide Analysis of Seawater <Offshore of Miyagi Prefecture 2/3>

Place of Sampling	Offshore of South side of Kinkasan Upper Layer		Offshore of South side of Kinkasan MIddle Layer		Offshore of South side of Kinkasan Lower Layer		Offshore of Shichigahama Upper Layer		Offshore of Shichigahama Middle Layer		Offshore of Shichigahama Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/ L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	2011/6/21 9:42 am		2011/6/21 9:37 am		2011/6/21 9:30 am		2011/6/21 10:04 am		2011/6/21 10:00 am		2011/6/21 9:55 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L、Cs-134: approx. 6Bq/L、Cs-137: approx. 6Bq/L
However, detection limits differs depending on the

【Definite Report】Result of Nuclide Analysis of Seawater <Offshore of Miyagi Prefecture 3/3>

Place of Sampling	Central area of Sendai bay Upper Layer		Central area of Sendai bay MIddle Layer		Central area of Sendai bay Lower Layer		Offshore of Abukumagawa Upper Layer		Offshore of Abukumagawa Middle Layer		Offshore of Abukumagawa Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/ L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	2011/6/21 7:40 am		2011/6/21 7:36 am		2011/6/21 7:30 am		2011/6/21 8:57 am		2011/6/21 8:50 am		2011/6/21 8:45 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L、Cs-134: approx. 6Bq/L、Cs-137: approx. 6Bq/L
However, detection limits differs depending on the

【Definite Report】Result of Nuclide Analysis on the ocean soil

Place of sampling	3km off the coast of Odaka Ward	3km off the coast of Iwasawa Beach
Date and time of sampling	2011/6/28 10:30 am	2011/6/28 8:30 am
Detected nuclide (half-life)	Radioactivity density(Bq/kg)	
I-131 (Approx. 8 days)	ND	ND
Cs-134 (Approx. 2 years)	110	1700
Cs-137 (Approx. 30 years)	120	1800
Mn-54 (Approx. 313 days)	ND	ND
Co-60 (Approx. 5 years)	ND	ND
Te-129	ND	ND
Te-129m	ND	ND
Tc-99m (Approx. 6 hours)	ND	ND
Cs-136 (Approx. 13 days)	ND	ND
Ba-140 (Approx. 13 days)	ND	ND
La-140 (Approx. 2 days)	ND	ND

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 17Bq/L
However, detection limits differs depending on the