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

Place of sampling	West gate o Dai	of Fukushima ichi	MP-1 of Fukushima Daini (Reference)			Density limit in the air to workers engaged in tasks associated with	
Date and time of sampling	June 18 11:30	8, 2011 ~ 11:50	June 18, 2011 June 18, 2011 9:00 ~ 9:10 15:33 ~ 15:43				
Detected nuclide (half-life)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	radiation (Bq/cm ³)*
l-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
l-132 (about 2 hours)	ND	-	ND	-	ND	-	7E-02
Te-132 (about 3 days)	ND	-	ND	-	ND	-	4E-03
l-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

. E - means . ×10⁻

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

Place of sampling	West gate o Dai	of Fukushima ichi	MP-1 of Fukushima Daini (Reference)			Density limit in the	
Date and time of sampling	June 19 11:30	9, 2011 ~ 11:50	June 19 9:06	9, 2011 ~ 9:16	June 19 15:16	9, 2011 ~ 15:26	engaged in tasks associated with
Detected nuclide (half-life)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	radiation (Bq/cm ³)*
l-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
l-132 (about 2 hours)	ND	-	ND	-	ND	-	7E-02
Te-132 (about 3 days)	ND	-	ND	-	ND	-	4E-03
l-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

. E - means . ×10⁻

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

Place of sampling	West gate o Dai	of Fukushima ichi	MP-1 of Fukushima Daini (Reference)			Density limit in the	
Date and time of sampling	June 20 11:30	0, 2011 ~ 11:50	June 20 9:05	0, 2011 ~ 9:19	June 20 15:03	0, 2011 ~ 15:17	engaged in tasks associated with
Detected nuclide (half-life)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	radiation (Bq/cm ³)*
l-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
l-132 (about 2 hours)	ND	-	ND	-	ND	-	7E-02
Te-132 (about 3 days)	ND	-	ND	-	ND	-	4E-03
l-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

. E - means . ×10⁻

			1 0 000					
Place of sampling	West gate o Dai	of Fukushima ichi	MP-1	MP-1 of Fukushima Daini (Reference)				
Date and time of sampling	June 2 ⁻ 11:30	1, 2011 ~ 11:50	June 2 9:39	1, 2011 ~ 9:47	June 21 15:49	1, 2011 ~ 15:59	engaged in tasks	
Detected nuclide (half-life)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	radiation (Bq/cm ³)*	
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	
l-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 davs)	ND	-	ND	-	ND	-	1E-02	

Radioactivety density is sum total of volatile and particulate.

. E - means . ×10⁻

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

Place of sampling	West gate o Dai	of Fukushima ichi	MP-1 of Fukushima Daini (Reference)			Density limit in the	
Date and time of sampling	June 22 11:30	2, 2011 ~ 11:50	June 2 9:05	June 22, 2011June 22, 20119:05 ~ 9:1514:57 ~ 15:06		engaged in tasks associated with	
Detected nuclide (half-life)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	radiation (Bq/cm ³)*
l-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
l-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

. E - means . ×10⁻

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

Place of sampling	West gate o Dai	of Fukushima ichi	MP-1 of Fukushima Daini (Reference)			Density limit in the	
Date and time of sampling	June 23 11:30	3, 2011 ~ 11:50	June 2 9:07	3, 2011 ~ 9:17	June 2 15:18	3, 2011 ~ 15:27	engaged in tasks associated with
Detected nuclide (half-life)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	radiation (Bq/cm ³)*
l-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
l-132 (about 2 hours)	ND	-	ND	-	ND	-	7E-02
Te-132 (about 3 days)	ND	-	ND	-	ND	-	4E-03
l-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

. E - means . ×10⁻

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

Place of sampling	West gate o Dai	of Fukushima ichi	MP-1	Density limit in the				
Date and time of sampling	June 24 11:30	June 24, 2011 11:30 ~ 11:50		4, 2011 ~ 9:13	June 24 14:03	4, 2011 ~ 14:13	engaged in tasks associated with	
Detected nuclide (half-life)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Radioactivity density (Bq/cm ³) Scaling factor (/) Radioactivity density (Bq/cm ³)		Scaling factor (/)	radiation (Bq/cm ³)*	
l-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	
l-132 (about 2 hours)	ND	-	ND	-	ND	-	7E-02	
Te-132 (about 3 days)	ND	-	ND	-	ND	-	4E-03	
l-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	

. E - means . ×10⁻

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

Place of sampling	West gate o Dai	f Fukushima ichi	MP-1	Density limit in the			
Date and time of sampling	June 25, 2011 11:30 ~ 11:50		June 2 9:23	5, 2011 ~ 9:33	June 25 15:52	5, 2011 ~ 16:01	engaged in tasks associated with
Detected nuclide (half-life)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	radiation (Bq/cm ³)*
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

. E - means . ×10⁻

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

Place of sampling	West gate o Dai	of Fukushima ichi	MP-1	Density limit in the			
Date and time of sampling	June 26, 2011 11:30 ~ 11:50		June 20 9:40	6, 2011 ~ 9:49	June 20 16:11	6, 2011 ~ 16:20	engaged in tasks associated with
Detected nuclide (half-life)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	radiation (Bq/cm ³)*
l-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
l-132 (about 2 hours)	ND	-	ND	-	ND	-	7E-02
Te-132 (about 3 days)	ND	-	ND	-	ND	-	4E-03
l-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

. E - means . ×10⁻

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

Place of sampling	West gate o Dai	f Fukushima ichi	MP-1	Density limit in the			
Date and time of sampling	June 27, 2011 11:30 ~ 11:50		June 2 9:54 ~	7, 2011 - 10:03	June 2 15:17	7, 2011 ~ 15:26	engaged in tasks associated with
Detected nuclide (half-life)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	radiation (Bq/cm ³)*
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

. E - means . ×10⁻

			I OWE				
Place of sampling	West gate o Dai	West gate of Fukushima Daiichi		ushima Daini rence)			Density limit in the
Date and time of sampling	June 28 11:30	8, 2011 ~ 11:50	June 28 9:14	8, 2011 ~ 9:23			engaged in tasks associated with
Detected nuclide (half-life)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	radiation (Bq/cm ³)*
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
l-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⁻

Place of sampling	Main gate of Fukushima Daiichi		West gate of Fukushima Daiichi		MP-1 of Fuku (Refe	ushima Daini rence)	Density limit in the air to workers engaged in tasks associated with
Date and time of sampling	June 29, 2011 9:30 ~ 9:50		June 29, 2011 11:30 ~ 11:50		June 29 9:22	9, 2011 ~ 9:32	
Detected nuclide (half-life)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³) Scaling factor		radiation (Bq/cm ³) *
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⁻

Place of sampling	We	est gate of Fu	ıkushima Daiic	MP-1 of Fuku (Refe	ushima Daini rence)	Density limit in the	
Date and time of sampling	June 30 9:30	0, 2011 ~ 9:50	June 30 11:30	0, 2011 ~ 11:50	June 30 9:11	0, 2011 ~ 9:20	engaged in tasks associated with radiation (Bq/cm ³) *
Detected nuclide (half-life)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	
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
l-132 (about 2 hours)	ND	-	ND	-	ND	-	7E-02
Te-132 (about 3 days)	ND	-	ND	-	ND	-	4E-03
l-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⁻

Place of sampling	Main gate of Fukushima Daiichi		West gate o Dai	of Fukushima ichi	MP-1 of Fuku (Refe	ushima Daini rence)	Density limit in the	
Date and time of sampling	July 1, 2011 9:30 ~ 9:50		July 1 11:30 /	July 1, 2011 11:30 ~ 11:50		, 2011 ~ 9:19	engaged in tasks associated with	
Detected nuclide (half-life)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	radiation (Bq/cm ³)*	
l-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	
l-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⁻

Place of Sampling	North of D (approx. 30m	ischarge C north of 5	Channel of 5-6u of i-6u discharge cha	5-6u of 1F Around South Discharge Channel of 1F arge channel) (appox. 330m south of 1-4u Discharge Channel)					Around North D Channel of (Around 3,4u E Channe (approx, 10 k	ischarge 52F Discharge I) xm from	Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		Density limit by the announcement of Reactor Regulation (Bq/L)
Time and Date of Sample Collection	9:15am June 18, 2	011	1:55pm June 18, 2	011	8:55am June 18, 2011 J		1:35pm June 18, 2	2011	8:05am June 18, 2	011	7:35am June 18, 2011		(the density limit in the water outside
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 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

[Final] Results of Nuclide Analysis of Seawater <Coast>

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

Place of Sampling	North of D (approx. 30m	ischarge C n north of 5	Channel of 5-6u of i-6u discharge cha	1F annel)	Around S (appox. 330n	outh Disch n south of	harge Channel of [.] 1-4u Discharge C	1F hannel)	Around North D Channel of (Around 3,4u E Channel (approx, 10 k	ischarge 2F Discharge) m from	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km f	Shore of south of Channel) from 1F)	Density limit by the announcement of Reactor Regulation (Bq/L)
Time and Date of Sample Collection	9:05am June 19, 2	2011	1:50pm June 19, 2	011	8:50am June 19, 2	011	1:30pm June 19, 2	011	8:00am June 19, 2	011	7:40am June 19, 2	011	(the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 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

[Final] Results of Nuclide Analysis of Seawater <Coast>

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

[Final] Results of Nuclide Analysis of Seawater < Offshore 1/2 >

Place of Sampling	3km offsho Haramachi di Upper la	re of strict yer	3km offsho Haramachi di Lower la	re of strict yer	3km offshore distric Upper la	of Odaka ct yer	3km offshore distric Lower la	of Odaka ct yer	3km offshore o coast Upper la	f Iwasawa yer	3km offshore o coast Lower la	f Iwasawa yer	Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	9:40a June 19,	m 2011	9:40ar June 19,	m 2011	9:20a June 19,	m 2011	9:20a June 19,	m 2011	7:20a June 19,	m 2011	7:20a June 19,	m 2011	(Bq/Ľ) (the density limit
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	of surrounding monitored areas in the section 6 of the appendix 2)
l-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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 2/2 >

Place of Sampling	8km offshore distric Upper la	of Odaka ct yer	8km offshore distric Lower la	of Odaka st yer	8km offshore o coast Upper la	f Iwasawa yer	8km offshore o coast Lower la	f Iwasawa yer					Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	8:55a June 19,	m 2011	8:55a June 19,	m 2011	7:50a June 19,	m 2011	7:50a June 19,	m 2011					(Bq/L) (the density limit
Detected Nuclides (Half-life)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	of surrounding monitored areas in the section 6 of the appendix 2)
l-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
le-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

Place of Sampling	North of D (approx. 30m	ischarge C north of 5	Channel of 5-6u of 6-6u discharge cha	1F annel)	Around S (appox. 330m	outh Disch n south of	arge Channel of 1-4u Discharge C	1F hannel)	Around North D Channel of (Around 3,4u D Channel (approx, 10 k	ischarge 2F)ischarge) m from	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km f	Shore of south of Channel) from 1F)	Density limit by the announcement of Reactor Regulation (Bg/L)
Time and Date of Sample Collection	9:10am June 20, 2	011	1:50pm June 20, 2	011	8:55am June 20, 2	011	1:30pm June 20, 2	011	8:15am June 20, 2	011	7:50am June 20, 2	011	(the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 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

[Final] Results of Nuclide Analysis of Seawater <Coast>

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

[Final] Results of Nuclide Analysis of Seawater < Offshore 1/4 >

Place of Sampling Time and Date of	15 km offsh MinamiSour Upper la 9:15a	ore of na City yer m	15 km offsh MinamiSour Lower la 9:15a	nore of ma City yer m	15 km offsh Ukedo-ga Upper la 8:45a	nore of awa nyer M	15 km offsh Ukedo-ga Lower la 8:45a	nore of awa nyer M	15 km offsh Fukushima Upper la 9:15a	ore of Daiichi yer m	15 km offsl Fukushima Lower la 9:15a	nore of Daiichi ayer m	Density limit by the announcement of Reactor Regulation
Sample Collection	June 20,	2011	June 20,	2011	June 20,	2011	June 20,	2011	June 20,	2011	June 20,	2011	(the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 2/4 >

Place of Sampling Time and Date of Sample Collection	15 km offsh Fukushima Upper la 7:55a June 20.	ore of Daini yer m 2011	15 km offsh Fukushima Lower la 7:55a June 20.	nore of Daini yer M 2011	15 km offshore o Shore Upper la 8:20a June 20.	of Iwasawa e yer m 2011	15 km offshore of Shore Lower la 8:20a June 20.	of Iwasawa 9 yer m 2011	15 km offshore mach Upper la 7:50a June 20.	of Hirono- i yer M 2011	15 km offshore mach Lower la 7:50a June 20.	of Hirono- i ayer m 2011	Density limit by the announcement of Reactor Regulation (Bq/L)
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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 bours)	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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 3/4 >

Place of Sampling Time and Date of Sample Collection	North Iwaki (3km Upper La 6:25a June 20,	Offshore aver m 2011	North Iwaki (3km Lower La 6:25a June 20,	Offshore aver 2011	Natsui-gawa 3km Upper La 6:05a June 20,	Offshore aver m 2011	Natsui-gawa 3km Lower La 6:05a June 20,	Offshore aver m 2011	Onahama Por 3km Upper Li 5:55a June 20,	t Offshore aver 2011	Onahama Por 3km Lower L: 5:55a June 20,	t Offshore aver m 2011	Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 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 bours)	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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 4/4 >

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

Place of Sampling	North of D (approx. 30m	ischarge C n north of 5	Channel of 5-6u of i-6u discharge cha	1F annel)	Around S (appox. 330n	outh Disch n south of	narge Channel of 1-4u Discharge C	1F hannel)	Around North D Channel of (Around 3,4u E Channel (approx, 10 k	ischarge 2F Discharge) m from	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km f	Shore of south of Channel) from 1F)	Density limit by the announcement of Reactor Regulation (Bq/L)
Time and Date of Sample Collection	9:10am June 21, 2	2011	1:55pm June 21, 2	011	8:55am June 21, 2	011	1:35pm June 21, 2	011	8:30am June 21, 2	011	8:05am June 21, 2	011	(the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 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

[Final] Results of Nuclide Analysis of Seawater <Coast>

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

[Final] Results of Nuclide Analysis of Seawater < Offshore 1/4 >

Place of Sampling	3km offshore of distric Upper la	Haramachi t yer	3km offshore of distric Lower la	Haramachi ct yer	3km offshore distric Upper la	of Odaka ct yer	3km offshore distric Lower la	of Odaka ct yer	3km offshore o coast Upper la	f Iwasawa yer	3km offshore c coast Lower la	of Iwasawa ayer	Density limit by the announcement of
Time and Date of Sample Collection	9:30a June 21,	n 2011	9:30ai June 21,	m 2011	9:15a June 21,	m 2011	9:15a June 21,	m 2011	7:15a June 21,	m 2011	7:15a June 21,	m 2011	(Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 2/4 >

Place of Sampling	8km offshore distric Upper la	of Odaka ct yer	8km offshore distric Lower la	of Odaka ct yer	8km offshore o coast Upper la	f Iwasawa yer	8km offshore o coast Lower la	of Iwasawa Nyer					Density limit by the announcement of
Time and Date of Sample Collection	8:50a June 21,	m 2011	8:50a June 21,	m 2011	7:35a June 21,	m 2011	7:35a June 21,	m 2011					Reactor Regulation (Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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 bours)	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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 3/4 >

Place of Sampling Time and Date of	30 km offsh MinamiSour Upper la 6:50a	ore of na City yer	30 km offsh MinamiSour Middle la 6:50a	ore of na City nyer m	30 km offsh MinamiSour Lower la 6:50a	ore of na City yer m	30 km offshore River Upper la 7 : 40a	of Ukedo	30 km offshore River Middle la 7:40a	of Ukedo ayer m	30 km offshore River Lower la 7:40a	e of Ukedo ayer m	Density limit by the announcement of Reactor Regulation
Sample Collection	June 21,	2011	June 21,	2011	June 21,	2011	June 21,	2011	June 21,	2011	June 21,	2011	(the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 4/4 >

Place of Sampling Time and Date of Sample Collection	5 km offsh Souma C Upper la 5:50a June 21	ore of ity ayer m 2011	5 km offsh Souma C Lower la 5:50a June 21	ore of ity ayer m 2011	5 km offshore of Kashima Upper layer 6:05am June 21 2011		5 km offsh Kashin Lower la 6:05a June 21	ore of na ayer m 2011	3 km offshore of Souma City <u>Upper layer</u> 5:30am June 21, 2011		3 km offshore of Souma City Lower layer 5:30am June 21, 2011		Density limit by the announcement of Reactor Regulation (Bq/L)
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 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
le-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

Place of Sampling	North of D (approx. 30m	ischarge C north of 5	Channel of 5-6u of 6-6u discharge cha	1F annel)	Around S (appox. 330m	outh Disch n south of	narge Channel of 1-4u Discharge C	1F hannel)	Around North D Channel of (Around 3,4u D Channel (approx, 10 k	ischarge 2F)ischarge) m from	Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		Density limit by the announcement of Reactor Regulation (Bg/L)
Time and Date of Sample Collection	9:10am June 22, 2	011	1:55pm June 22, 2	011	8:55am June 22, 2011		1:40pm June 22, 2011		8:30am June 22, 2011		8:00am June 22, 2011		(the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 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

[Final] Results of Nuclide Analysis of Seawater <Coast>

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

[Final] Results of Nuclide Analysis of Seawater < Offshore 1/2 >

Place of Sampling	15 km offsh MinamiSour Upper la	15 km offshore of 15 km offshore of MinamiSouma City MinamiSouma City Upper layer 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		Density limit by the announcement of Reactor Regulation	
Time and Date of Sample Collection	-		-		9:10a June 22,	m 2011	9:10a June 22,	m 2011	8:35a June 22,	m 2011	8:35a June 22,	im 2011	(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 2/2 >

Place of Sampling Time and Date of Sample Collection	15 km offsh Fukushima Upper lav 7:55ar June 22,	ore of Daini yer 1011	15 km offsh Fukushima Lower la 7:55a June 22,	ore of Daini yer m 2011	15 km offshore o Shore Upper la -	of Iwasawa e iyer	15 km offshore o Shore Lower la	of Iwasawa e yer	15 km offshore mach Upper la -	of Hirono- i yer	15 km offshore mach Lower la -	of Hirono- i iyer	Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the	
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 2)	
l-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 bours)	ND	-	ND	-									40,000	
Tc-99m (about 6 hours)	ND	-	ND	-									40,000	
Te-129m (about 34 days)	ND	-	ND	-									300	
le-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

Place of Sampling	North of Di (approx. 30m	ischarge C north of 5	Channel of 5-6u of 6-6u discharge cha	1F annel)	Around S (appox. 330m	outh Disch n south of	narge Channel of 1-4u Discharge C	1F hannel)	Around North D Channel of (Around 3,4u D Channel (approx, 10 k	ischarge ⁻ 2F Discharge) m from	Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		Density limit by the announcement of Reactor Regulation (Bg/L)
Time and Date of Sample Collection	9:10am June 23, 2	011	1:50pm June 23, 2	011	8:55am June 23, 2	011	1:35pm June 23, 2	2011	8:20am June 23, 2011		7:55am June 23, 2011		(the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 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

[Final] Results of Nuclide Analysis of Seawater <Coast>

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

[Final] Results of Nuclide Analysis of Seawater < Offshore 1/6 >

Place of Sampling	15 km offsh MinamiSoun Upper la 10 : 20a	ore of na City yer	15 km offsh MinamiSoun Lower Ia 10:30a	ore of na City yer	15 km offsh Ukedo-ga Upper la	nore of awa iyer	15 km offsh Ukedo-ga Lower la	ore of awa yer	15 km offsh Fukushima Upper la	ore of Daiichi yer	15 km offsh Fukushima Lower la	nore of Daiichi ayer	Density limit by the announcement of Reactor Regulation (Bq/L)	
Sample Collection	June 23,	2011	June 23,	2011	-		-		-		-		(Bq/L) (the density limit in the	
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 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 bours)	ND	-	ND	-									40,000	
Tc-99m (about 6 hours)	ND	-	ND	-									40,000	
Te-129m (about 34 days)	ND	-	ND	-									300	
le-129 (about 70)	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

[Final] Results of Nuclide Analysis of Seawater < Offshore 2/6 >

Place of Sampling	15 km offsl Fukushima Upper la	15 km offshore of 15 km offshore of Fukushima Daini Fukushima Daini Upper layer 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 9:30am		Density limit by the announcement of Reactor Regulation	
Sample Collection	-		-		5.45a June 23,	2011	5.45a June 23,	2011	June 23,	2011	June 23,	2011	(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 3/6 >

Place of Sampling	3km offshore of distric Upper la	Haramachi t yer	3km offshore of distric Lower la	Haramachi ct yer	3km offshore distric Upper la	of Odaka ct yer	3km offshore distric Lower la	of Odaka ct yer	3km offshore o coast Upper la	f Iwasawa yer	3km offshore o coast Lower la	of Iwasawa ayer	Density limit by the announcement of
Time and Date of Sample Collection	9:50ar June 23,	n 2011	9:50ai June 23,	m 2011	9:35a June 23,	m 2011	9:35a June 23,	m 2011	7:45a June 23,	m 2011	7:45a June 23,	m 2011	(Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 4/6 >

Place of Sampling	8km offshore distric Upper la	of Odaka ct yer	8km offshore distric Lower la	of Odaka ct yer	8km offshore o coast Upper la	f Iwasawa yer	8km offshore o coast Lower la	f Iwasawa yer					Density limit by the announcement of
Time and Date of Sample Collection	9:15a June 23,	m 2011	9:15a June 23,	m 2011	8:10a June 23,	m 2011	8:10a June 23,	m 2011					Reactor Regulation (Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 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 bours)	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
le-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
[Final] Results of Nuclide Analysis of Seawater < Offshore 5/6 >

Place of Sampling Time and Date of Sample Collection	North Iwaki (3km Upper La 6:30a June 23,	Offshore aver m 2011	North Iwaki (3km Lower La 6:30a June 23,	Offshore aver 2011	Natsui-gawa 3km Upper La 6:10a June 23,	Offshore aver m 2011	Natsui-gawa 3km Lower La 6:10a June 23,	Offshore aver 2011	Onahama Por 3km Upper La 6:00a June 23,	Offshore	Onahama Por 3km Lower L 6:00a June 23,	t Offshore aver m 2011	Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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 bours)	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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 6/6 >

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

Place of Sampling	North of D (approx. 30m	ischarge C n north of 5	Channel of 5-6u of i-6u discharge cha	1F annel)	Around S (appox. 330n	outh Disch n south of	harge Channel of [.] 1-4u Discharge C	1F hannel)	Around North D Channel of (Around 3,4u E Channel (approx, 10 k	ischarge 2F Discharge) m from	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km f	Shore of south of Channel) from 1F)	Density limit by the announcement of Reactor Regulation (Bq/L)
Time and Date of Sample Collection	9:25am June 24, 2	2011	2:05pm June 24, 2	011	9:10am June 24, 2	011	1:45pm June 24, 2	011	8:30am June 24, 2	011	8:00am June 24, 2	011	(the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 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

Place of Sampling	North of D (approx. 30m	ischarge C n north of 5	Channel of 5-6u of i-6u discharge cha	1F annel)	Around S (appox. 330n	outh Disch n south of	harge Channel of [.] 1-4u Discharge C	1F hannel)	Around North D Channel of (Around 3,4u D Channel (approx, 10 k	ischarge 2F hischarge) m from	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km 1	Shore of south of Channel) from 1F)	Density limit by the announcement of Reactor Regulation (Bq/L)
Time and Date of Sample Collection	8:55am June 25, 2	2011	1:20pm June 25, 2	011	8:40am June 25, 2	011	1:05pm June 25, 2	011	8:00am June 25, 2	011	7:35am June 25, 2	011	(the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 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

Place of Sampling	North of D (approx. 30m	ischarge C north of 5	hannel of 5-6u of 6-6u discharge cha	1F annel)	Around S (appox. 330m	outh Disch n south of	arge Channel of 1-4u Discharge C	1F hannel)	Around North D Channel of (Around 3,4u D Channel (approx, 10 k	ischarge 2F)ischarge) m from	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km f	Shore of south of Channel) from 1F)	Density limit by the announcement of Reactor Regulation (Bg/L)
Time and Date of Sample Collection	9:05am June 26, 2	011	1:55pm June 26, 2	011	8:40am June 26, 2	011	1:35pm June 26, 2	011	8:15am June 26, 2	011	7:55am June 26, 2	011	(the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 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

[Final] Results of Nuclide Analysis of Seawater < Offshore 1/4 >

Place of Sampling	15 km offsh MinamiSour Upper la	nore of ma City nyer	15 km offsh MinamiSour Lower la	ore of na City yer	15 km offsh Ukedo-ga Upper la	nore of awa Iyer	15 km offsh Ukedo-ga Lower la	nore of awa Iyer	15 km offsh Fukushima Upper la	nore of Daiichi Iyer	15 km offsl Fukushima Lower la	nore of Daiichi ayer	Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	-		-		9:05a June 26,	m 2011	9:05a June 26,	m 2011	8:35a June 26,	m 2011	8:35a June 26,	im 2011	(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 2/4 >

Place of Sampling Time and Date of	15 km offsh Fukushima Upper la 8:00ar	ore of Daini yer 11	15 km offsh Fukushima Lower la 8:00a	ore of Daini yer m	15 km offshore o Shore Upper la	of Iwasawa e iyer	15 km offshore o Shore Lower la	of Iwasawa 9 yer	15 km offshore mach Upper la	of Hirono- i yer	15 km offshore mach Lower la	of Hirono- i ayer	Density limit by the announcement of Reactor Regulation
Sample Collection	June 26,	2011	June 26,	2011	-		-		-		-		(the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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 bours)	ND	-	ND	-									40,000
Tc-99m (about 6 hours)	ND	-	ND	-									40,000
Te-129m (about 34 days)	ND	-	ND	-									300
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 3/4 >

Place of Sampling	Numanouchi C 5km Upper La	offshore Iver	Numanouchi (5km Lower La)ffshore aver	Numanouchi Offs Upper La	shore 15km yer	Numanouchi Offs Middle La	shore 15km ayer	Numanouchi Offs Lower La	shore 15km Nyer	Numanouchi Offs Upper La	shore 30km Nyer	Density limit by the announcement of
Time and Date of Sample Collection	6:50ar June 26,	n 2011	6:50a June 26,	m 2011	8:00a June 26,	m 2011	8:00a June 26,	m 2011	8:00a June 26,	m 2011	8:40a June 26,	m 2011	(Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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
le-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

Place of Sampling	Numanouchi Offs Middle La	shore 30km ayer	Numanouchi Offs Lower La	shore 30km yer									Density limit by the announcement of
Time and Date of Sample Collection	8:40a June 26,	m 2011	8:40a June 26,	m 2011									Reactor Regulation (Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)										
l-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 bours)	ND	-	ND	-									40,000
Tc-99m (about 6 hours)	ND	-	ND	-									40,000
Te-129m (about 34 days)	ND	-	ND	-									300
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 4/4 >

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

Place of Sampling	North of D (approx. 30m	ischarge C north of 5	Channel of 5-6u of i-6u discharge cha	1F annel)	Around S (appox. 330m	outh Disch n south of	narge Channel of 1-4u Discharge C	1F hannel)	Around North D Channel of (Around 3,4u D Channel (approx, 10 k	ischarge 2F Discharge) m from	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km f	Shore of south of Channel) from 1F)	Density limit by the announcement of Reactor Regulation (Bɑ/L)
Time and Date of Sample Collection	10:10am June 27, 2	011	2:20pm June 27, 2	011	9:45am June 27, 2	011	2:10pm June 27, 2	2011	8:25am June 27, 2	011	7:55am June 27, 2	011	(the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 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

[Final] Results of Nuclide Analysis of Seawater < Offshore 1/5 >

Place of Sampling	15 km offsh Fukushima Upper la	nore of Daini Iyer	15 km offsh Fukushima Lower la	ore of Daini yer	15 km offshore o Shore Upper la	of Iwasawa 9 yer m	15 km offshore of Shore Shore Lower la	of Iwasawa e iyer m	15 km offshore mach Upper la	of Hirono- i yer m	15 km offshore mach Lower la	of Hirono- i ayer	Density limit by the announcement of Reactor Regulation
Sample Collection	-		-		June 27,	2011	June 27,	2011	June 27,	2011	June 27,	2011	(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 2/5 >

Place of Sampling	3km offshore of distric Upper la	Haramachi ct yer	3km offshore of distric Lower la	Haramachi ct yer	3km offshore distri Upper la	of Odaka ct ayer	3km offshore distri Lower la	of Odaka ct ayer	3km offshore o coast Upper la	f Iwasawa yer	3km offshore c coast Lower la	of Iwasawa Nyer	Density limit by the announcement of
Time and Date of Sample Collection	abort sam June 27,	pling 2011	abort sam June 27,	pling 2011	abort sam June 27,	pling 2011	abort sam June 27,	pling 2011	8:10a June 27,	m 2011	8:10a June 27,	m 2011	(Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 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 bours)									ND	-	ND	-	40,000
Tc-99m (about 6 hours)									ND	-	ND	-	40,000
Te-129m (about 34 days)									ND	-	ND	-	300
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 3/5 >

Place of Sampling	8km offshore distrie Upper la	of Odaka ct yer	8km offshore distric Lower la	of Odaka ct yer	8km offshore o coast Upper la	f Iwasawa yer	8km offshore o coast Lower la	of Iwasawa Nyer					Density limit by the announcement of
Time and Date of Sample Collection	abort sam June 27,	pling 2011	abort sam June 27,	pling 2011	8:35a June 27,	m 2011	8:35a June 27,	m 2011					Reactor Regulation (Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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 bours)					ND	-	ND	-					40,000
Tc-99m (about 6 hours)					ND	-	ND	-					40,000
Te-129m (about 34 days)					ND	-	ND	-					300
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 4/5 >

Place of Sampling Time and Date of Sample Collection	North Iwaki C 3km Upper La 4:55a June 27,	Dttshore aver m 2011	North Iwaki (3km Lower La 4:55a June 27,	Offshore aver 2011	Natsui-gawa 3km Upper La 6:00a June 27,	Offshore aver m 2011	Natsui-gawa 3km Lower La 6:00a June 27,	Offshore aver m 2011	Onahama Por 3km Upper La 6:00a June 27,	t Offshore aver 2011	3km I ower Laver 6:00am June 27, 2011		Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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 bours)	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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 5/5 >

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

Place of Sampling	North of Discharge Chann 1F (approx. 30m north of 5-6 channel)	nel of 5-6u of 6u discharge	Around South Discharge ((appox. 330m south of 1 Channel)	Channel of 1F -4u Discharge	Around North Discharge ((Around 3,4u Discharg (approx. 10 km fro	Channel of 2F ge Channel) m 1F)	Around Iwasawa Sho (appox. 7 km south of 1, Channel) (appox. 16 km fro	ore of 2F 2u Discharge m 1F)	Density limit by the announcement of Reactor Regulation (Ba/L)
Time and Date of Sample Collection	9:40am June 28, 201	1	9:15am June 28, 201	1	8:35am June 28, 201	1	8:10am June 28, 201	1	(the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 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

[Final] Results of Nuclide Analysis of Seawater < Offshore 1/4 >

Place of Sampling Time and Date of	15 km offsh MinamiSour Upper la 9:50a	ore of na City yer m	15 km offsh MinamiSour Lower la 9:50a	nore of na City yer M	15 km offsh Ukedo-ga Upper la 9:25a	nore of awa nyer M	15 km offsh Ukedo-ga Lower la 9:25a	nore of awa nyer M	15 km offsh Fukushima Upper la 9:50a	ore of Daiichi yer M	15 km offsl Fukushima Lower la 9:50a	nore of Daiichi ayer m	Density limit by the announcement of Reactor Regulation
Sample Collection	June 28,	2011	June 28,	2011	June 28,	2011	June 28,	2011	June 28,	2011	June 28,	2011	(the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 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 bours)	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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 2/4 >

Place of Sampling Time and Date of Sample Collection	15 km offsh Fukushima Upper la 8:45ar June 28,	ore of Daini yer 1011	15 km offsh Fukushima Lower la 8:45a June 28,	ore of Daini yer M 2011	15 km offshore o Shore Upper la	of Iwasawa Ə iyer	15 km offshore o Shore Lower la	of Iwasawa 9 yer	15 km offshore mach Upper la -	of Hirono- yer	15 km offshore mach Lower la -	of Hirono- i ayer	Density limit by the announcement of Reactor Regulation (Bq/L)
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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 bours)	ND	-	ND	-									40,000
Tc-99m (about 6 hours)	ND	-	ND	-									40,000
Te-129m (about 34 days)	ND	-	ND	-									300
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 3/4 >

Place of Sampling	30 km offsh MinamiSoun Upper la 7 : 50ai	ore of na City yer m	30 km offsh MinamiSour Middle la 7 : 50a	ore of na City iyer m	30 km offsh MinamiSour Lower Ia 7 : 50a	ore of na City yer m	30 km offshore River Upper la	of Ukedo yer	30 km offshore River Middle la	of Ukedo Nyer	30 km offshore of Ukedo River Lower layer	e of Ukedo - ayer	Density limit by the announcement of Reactor Regulation
Sample Collection	June 28,	2011	June 28,	2011	June 28,	2011	June 28,	2011	June 28,	2011	June 28,	2011	(Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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 bours)	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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 4/4 >

Place of Sampling Time and Date of Sample Collection	5 km offsh Souma C Upper la 5:25a	ore of ity ayer m 2011	5 km offsh Souma C Lower la 5:25a	ore of ity ayer m 2011	5 km offsh Kashin <u>Upper la</u> 5:40a	ore of na ayer m 2011	5 km offsh Kashin Lower la 5:40a	ore of na ayer m 2011	3 km offsh Souma C Upper la 5:10a	ore of ity ayer m 2011	3 km offsh Souma C Lower 1 5:10a	ore of ity ayer 2011	Density limit by the announcement of Reactor Regulation (Bq/L)
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	(the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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
le-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

Place of Sampling	North of Discharge Chann 1F (approx. 30m north of 5-6 channel)	nel of 5-6u of 6u discharge	Around South Discharge ((appox. 330m south of 1 Channel)	Channel of 1F -4u Discharge	Around North Discharge ((Around 3,4u Discharg (approx. 10 km fro	Channel of 2F ge Channel) om 1F)	Around Iwasawa Sho (appox. 7 km south of 1, Channel) (appox. 16 km fro	ore of 2F 2u Discharge m 1F)	Density limit by the announcement of Reactor Regulation (Bo/L)
Time and Date of Sample Collection	9:15am June 29, 201	1	8:55am June 29, 201	1	8:25am June 29, 201	1	7:55am June 29, 201	1	(the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 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
l-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 1/2 >

Place of Sampling	3km offshore of distric Upper la	Haramachi t yer	3km offshore of distric Lower la	Haramachi ct yer	3km offshore distric Upper la	of Odaka ct yer	3km offshore distric Lower la	of Odaka ct yer	3km offshore o coast Upper la	f Iwasawa yer	3km offshore o coast Lower la	of Iwasawa ayer	Density limit by the announcement of
Time and Date of Sample Collection	9:00a June 29,	n 2011	9:00a June 29,	m 2011	8:45a June 29,	m 2011	8:45a June 29,	m 2011	6:50a June 29,	m 2011	6:50a June 29,	m 2011	(Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 2/2 >

Place of Sampling	8km offshore distric Upper la	of Odaka ct yer	8km offshore distric Lower la	of Odaka ct yer	8km offshore o coast Upper la	f Iwasawa yer	8km offshore o coast Lower la	of Iwasawa Nyer					Density limit by the announcement of
Time and Date of Sample Collection	8:30a June 29,	m 2011	8:30a June 29,	m 2011	7:15a June 29,	m 2011	7:15a June 29,	m 2011					Reactor Regulation (Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 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 bours)	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
le-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

Place of Sampling	North of Discharge Chann 1F (approx. 30m north of 5-6 channel)	nel of 5-6u of 6u discharge	Around South Discharge ((appox. 330m south of 1 Channel)	Channel of 1F -4u Discharge	Around North Discharge ((Around 3,4u Discharg (approx. 10 km fro	Channel of 2F ge Channel) om 1F)	Around Iwasawa Sho (appox. 7 km south of 1, Channel) (appox. 16 km fro	ore of 2F 2u Discharge m 1F)	Density limit by the announcement of Reactor Regulation (Br/L)
Time and Date of Sample Collection	9:55am June 30, 201	1	9:35am June 30, 201	1	8:15am June 30, 201	1	7:55am June 30, 201	1	(the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 2)
l-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 1/4 >

Place of Sampling Time and Date of	15 km offsh MinamiSour Upper la 8:55a	ore of na City yer	15 km offsh MinamiSour Lower la 8:55a	nore of na City yer M	15 km offsh Ukedo-ga Upper la 8:30a	nore of awa nyer M	15 km offsh Ukedo-ga Lower la 8:30a	nore of awa nyer M	15 km offsh Fukushima Upper la 9:00a	nore of Daiichi yer M	15 km offsl Fukushima Lower la 9:00a	nore of Daiichi ayer	Density limit by the announcement of Reactor Regulation (Bo/L)
Sample Collection	June 30,	2011	June 30,	2011	June 30,	2011	June 30,	2011	June 30,	2011	June 30,	2011	(the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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 bours)	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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 2/4 >

Place of Sampling Time and Date of Sample Collection	15 km offsh Fukushima Upper la 8:25a June 30	ore of Daini yer 2011	15 km offsh Fukushima Lower la 8:25a	ore of Daini yer M 2011	15 km offshore of Shore Upper la 7:30a	of Iwasawa e yer m 2011	15 km offshore of Shore Lower la 7:30a	of Iwasawa e iyer m 2011	15 km offshore mach Upper la 7:05a	of Hirono- i yer m 2011	15 km offshore mach Lower la 7:05a	of Hirono- i ayer 2011	Density limit by the announcement of Reactor Regulation (Bq/L)
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	(the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 3/4 >

Place of Sampling Time and Date of Sample Collection	North Iwaki C 3km Upper La 6:35a June 30,	Offshore aver m 2011	North Iwaki (3km Lower La 6:35a June 30,	Offshore aver 2011	Natsui-gawa 3km Upper La 6:00a June 30,	Offshore aver m 2011	Natsui-gawa 3km Lower La 6:00a June 30,	Offshore aver m 2011	Onahama Por 3km Upper La 6:00a June 30,	t Offshore aver 2011	Onahama Por 3km Lower L: 6:00a June 30,	t Offshore aver m 2011	Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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 bours)	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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 4/4 >

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

Place of Sampling	North of Discharge Chann 1F (approx. 30m north of 5-6 channel)	nel of 5-6u of 6u discharge	Around South Discharge ((appox. 330m south of 1- Channel)	Channel of 1F -4u Discharge	Around North Discharge ((Around 3,4u Discharge (approx. 10 km fro	Channel of 2F ge Channel) om 1F)	Around Iwasawa Sho (appox. 7 km south of 1, Channel) (appox. 16 km fro	ore of 2F 2u Discharge m 1F)	Density limit by the announcement of Reactor Regulation (Br/L)
Time and Date of Sample Collection	11:50am July 1, 2011		11:30am July 1, 2011		8:15am July 1, 2011	1	7:45am July 1, 2011	1	(the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 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

[Final] Results of Nuclide Analysis of Seawater < Offshore 1/4 >

Place of Sampling	3km offshore of distric Upper la	Haramachi t yer	3km offshore of distric Lower la	Haramachi ct yer	3km offshore distric Upper la	of Odaka st yer	3km offshore distric Lower la	of Odaka st yer	3km offshore o coast Upper la	f Iwasawa yer	3km offshore o coast Lower la	of Iwasawa Iyer	Density limit by the announcement of
Time and Date of Sample Collection	9:15ar July 1, 2	n 2011	9:15a July 1, 2	n 2011	9:00a July 1, 3	m 2011	9:00a July 1, 3	m 2011	7:05a July 1, 3	m 2011	7:05a July 1,	m 2011	(Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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 bours)	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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 2/4 >

Place of Sampling	8km offshore distric Upper la	of Odaka ct yer	8km offshore distric Lower la	of Odaka ct yer	8km offshore o coast Upper la	f Iwasawa yer	8km offshore o coast Lower la	f Iwasawa yer					Density limit by the announcement of
Time and Date of Sample Collection	8:40a July 1, 2	m 2011	8:40a July 1, 1	m 2011	7:25a July 1, 1	m 2011	7:25a July 1, 1	m 2011					Reactor Regulation (Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 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 bours)	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
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 3/4 >

Place of Sampling	Numanouchi C 5km Upper La	offshore aver	Numanouchi C 5km Lower La)ffshore Iver	Numanouchi Offs Upper La	shore 15km yer	Numanouchi Offs Middle La	shore 15km ayer	Numanouchi Offs Lower La	shore 15km yer	Numanouchi Offs Upper La	shore 30km Nyer	Density limit by the announcement of
Time and Date of Sample Collection	6:35ar July 1, 2	n 2011	6:35a July 1, 2	n 2011	7:30a July 1, 2	m 2011	7:30a July 1, 2	m 2011	7:30a July 1, 1	m 2011	8:20a July 1,	m 2011	Reactor Regulation (Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 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
le-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

Place of Sampling	Numanouchi Offs Middle La	shore 30km ayer	Numanouchi Offs Lower La	shore 30km yer									Density limit by the announcement of
Time and Date of Sample Collection	8:20a July 1, 2	n 2011	8:20a July 1,	m 2011									Reactor Regulation (Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)										
l-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 bours)	ND	-	ND	-									40,000
Tc-99m (about 6 hours)	ND	-	ND	-									40,000
Te-129m (about 34 days)	ND	-	ND	-									300
le-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

[Final] Results of Nuclide Analysis of Seawater < Offshore 4/4 >

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

					,	•••••••••••••••••••••••••••••••••••••••					
Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's	iter intake canal Unit 1-4	Screen of (outside the	1F's Unit 1 e silt fence)	Screen of (inside the	1F's Unit 1 silt fence)	Screen of (outside the	1F's Unit 2 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/1	8 6:23 AM	2011/6/18	8 6:41 AM	2011/6/18	3 6:48 AM	2011/6/18	8 6:48 AM	2011/6/18	3 6:57 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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

[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>

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/L" converted from the value originally in "Bq/cm³".

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 (inside the	1F's Unit 2 e silt fence)	Screen of (outside the	1F's Unit 3 e silt fence)	Screen of (inside the	1F's Unit 3 silt fence)	Screen of (outside th	1F's Unit 4 e silt fence)	Screen of (inside the	1F's Unit 4 silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/1	8 6:57 AM	2011/6/18	8 7:10 AM	2011/6/18	8 7:15 AM	2011/6/1	8 7:10 AM	2011/6/1	8 7:15 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 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/cm³".

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 4 Water In	ר of 1F's Unit 1- take Canal									Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/1	8 7:23 AM									Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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/cm³".

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.
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Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's	iter intake canal Unit 1-4	Screen of (outside the	1F's Unit 1 e silt fence)	Screen of (inside the	1F's Unit 1 silt fence)	Screen of (outside the	1F's Unit 2 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/1	9 6:40 AM	2011/6/19	9 7:00 AM	2011/6/1	9 6:57 AM	2011/6/19	9 7:05 AM	2011/6/19	9 7:12 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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

[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>

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

[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 (inside the	1F's Unit 2 e silt fence)	Screen of (outside the	1F's Unit 3 e silt fence)	Screen of (inside the	1F's Unit 3 silt fence)	Screen of (outside th	1F's Unit 4 e silt fence)	Screen of (inside the	1F's Unit 4 silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/1	9 7:15 AM	2011/6/1	9 7:22 AM	2011/6/1	9 7:29 AM	2011/6/1	9 7:22 AM	2011/6/1	9 7:29 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 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

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

[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 sout 4 Water In	h of 1F's Unit 1- take Canal									Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/1	9 7:37 AM									Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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

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

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Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's	iter intake canal Unit 1-4	Screen of (outside the	1F's Unit 1 e silt fence)	Screen of (inside the	1F's Unit 1 silt fence)	Screen of (outside the	1F's Unit 2 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/2	0 6:39 AM	2011/6/20	D 6:58 AM	2011/6/20	0 7:04 AM	2011/6/20	0 7:08 AM	2011/6/20) 7:14 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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

[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>

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

[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 (inside the	1F's Unit 2 silt fence)	Screen of (outside the	1F's Unit 3 e silt fence)	Screen of 1F's Unit 3 (inside the silt fence)		Screen of (outside the	1F's Unit 4 e silt fence)	Screen of (inside the	1F's Unit 4 silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/20	0 7:18 AM	2011/6/20	D 7:25 AM	2011/6/2	0 7:30 AM	2011/6/20	0 7:26 AM	2011/6/2	0 7:32 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 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

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

[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 4 Water In	n of 1F's Unit 1- take Canal									Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/20	0 7:41 AM									Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 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

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

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Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's	iter intake canal Unit 1-4	Screen of (outside the	1F's Unit 1 e silt fence)	Screen of (inside the	1F's Unit 1 silt fence)	Screen of (outside the	1F's Unit 2 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/2	1 6:39 AM	2011/6/2	1 6:55 AM	2011/6/2	1 6:58 AM	2011/6/2	1 7:02 AM	2011/6/2	1 7:06 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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

[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>

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

[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 (inside the	1F's Unit 2 silt fence)	Screen of (outside the	1F's Unit 3 e silt fence)	Screen of (inside the	1F's Unit 3 silt fence)	Screen of (outside the	1F's Unit 4 e silt fence)	Screen of (inside the	1F's Unit 4 silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/2	1 7:12 AM	2011/6/2	1 7:18 AM	2011/6/2	1 7:22 AM	2011/6/2	1 7:18 AM	2011/6/2	1 7:22 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 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

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

[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 4 Water In	h of 1F's Unit 1- take Canal									Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/2	1 7:28 AM									Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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

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

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Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's	iter intake canal Unit 1-4	Screen of (outside the	1F's Unit 1 e silt fence)	Screen of (inside the	1F's Unit 1 silt fence)	Screen of (outside the	1F's Unit 2 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/2	2 6:29 AM	2011/6/22	2 6:43 AM	2011/6/2	2 6:48 AM	2011/6/22	2 6:52 AM	2011/6/22	2 6:57 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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

[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>

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

[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 (inside the	1F's Unit 2 silt fence)	Screen of (outside the	1F's Unit 3 e silt fence)	Screen of (inside the	1F's Unit 3 silt fence)	Screen of (outside the	1F's Unit 4 e silt fence)	Screen of (inside the	1F's Unit 4 silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/2	2 7:00 AM	2011/6/2	2 7:06 AM	2011/6/2	2 7:10 AM	2011/6/2	2 7:06 AM	2011/6/2	2 7:10 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 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

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

[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 sout 4 Water In	h of 1F's Unit 1- take Canal									Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/2	2 7:16 AM									Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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

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

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

Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's	ter intake canal Unit 1-4	Screen of (outside the	1F's Unit 1 e silt fence)	Screen of (inside the	1F's Unit 1 e silt fence)	Screen of (outside th	Density limit by the announcement of Reactor	
Time and Date of Sample Collection	2011/6/23	3 6:51 AM	2011/6/23	3 7:05 AM	2011/6/23	3 7:08 AM	2011/6/23 7:10 AM		2011/6/2	(the density limit in the water outside of surrounding	
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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

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

[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 (inside the	1F's Unit 2 silt fence)	Screen of (outside the	1F's Unit 3 e silt fence)	Screen of (inside the	1F's Unit 3 silt fence)	Screen of (outside the	1F's Unit 4 e silt fence)	Screen of (inside the	1F's Unit 4 silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/23	8 7:17 AM	2011/6/23	3 7:24 AM	2011/6/23	3 7:29 AM	2011/6/23	3 7:24 AM	2011/6/23	3 7:29 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Density of sample (Bq/L) Scaling factor (/) Density of sample (Bq/L) Scaling factor (/)		Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)	
l-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

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

[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>

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Place of Sampling	Inside the south 4 Water In	າ of 1F's Unit 1- take Canal									Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/2:	3 7:38 AM									Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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 davs)	ND	-									400

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

Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's	iter intake canal Unit 1-4	Screen of (outside the	1F's Unit 1 e silt fence)	Screen of (inside the	1F's Unit 1 e silt fence)	Screen of (outside the	Density limit by the announcement of Reactor	
Time and Date of Sample Collection	2011/6/24	4 6:31 AM	2011/6/24	4 6:54 AM	2011/6/24	4 7:00 AM	2011/6/24	4 7:00 AM	2011/6/24	4 7:10 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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

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

[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 (inside the	1F's Unit 2 silt fence)	Screen of (outside the	1F's Unit 3 e silt fence)	Screen of (inside the	1F's Unit 3 silt fence)	Screen of (outside the	1F's Unit 4 e silt fence)	Screen of (inside the	1F's Unit 4 e silt fence)	Density limit by the announcement of Reactor	
Time and Date of Sample Collection	2011/6/24	011/6/24 7:10 AM 2011/6/24 7		4 7:15 AM	2011/6/24	2011/6/24 7:23 AM		4 7:15 AM	2011/6/24	4 7:23 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding	
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Density of sample (Bq/L) Scaling factor (Bq/L) Density of sample (Bq/L) Scaling factor (Bq/L) Density of sample (Bq/L) Scaling factor (Bq/L) Density of sample (Bq/L) Scaling factor (Bq/L) Scaling factor (Bq/L)<		Scaling factor	monitored areas in the section 6 of the appendix 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	

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

[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 4 Water In	າ of 1F's Unit 1- take Canal									Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/24	4 7:30 AM									Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 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 davs)	ND	-									400

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

Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's	iter intake canal Unit 1-4	Screen of (outside the	1F's Unit 1 e silt fence)	Screen of (inside the	1F's Unit 1 e silt fence)	Screen of (outside the	Density limit by the announcement of Reactor	
Time and Date of Sample Collection	2011/6/2	5 7:00 AM	2011/6/28	5 7:25 AM	2011/6/25	5 7:29 AM	2011/6/2	5 7:29 AM	2011/6/2	5 7:38 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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

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

【Final】	The Results of Nuclide A	Analyses of Radioacti	ve Materials	in the	Seawater	Fukushima	Daiichi	Nuclear	Power	Station;	the shallow	draft	quay,	Units	1-4
		SC	reen, and th	e water	intake c	anal of Uni	ts 1-4 ·	<2/3>							

Place of Sampling	Screen of (inside the	1F's Unit 2 silt fence)	Screen of (outside the	1F's Unit 3 e silt fence)	Screen of (inside the	1F's Unit 3 e silt fence)	Screen of (outside the	1F's Unit 4 e silt fence)	Screen of (inside the	1F's Unit 4 silt fence)	Density limit by the announcement of Reactor	
Time and Date of Sample Collection	2011/6/25	5 7:38 AM	7:38 AM 2011/6/25 7:45 AM 2011/6/25 7:50 AM 2011/6/25 7:47 AM 2011/6/25 7:47 AM		5 7:52 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding						
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	g factor /) Density of sample (Bq/L) Scaling factor (/) Density of sample (Bq/L) Scaling factor (/)		Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 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	

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

[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>

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Place of Sampling	Inside the south 4 Water In	າ of 1F's Unit 1- take Canal									Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/2	5 7:57 AM									Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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 davs)	ND	-									400

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

Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's	iter intake canal Unit 1-4	Screen of (outside the	1F's Unit 1 e silt fence)	Screen of (inside the	1F's Unit 1 silt fence)	Screen of (outside th	Screen of 1F's Unit 2 (outside the silt fence)		
Time and Date of Sample Collection	2011/6/20	6:58 AM	2011/6/26	6 7:17 AM	2011/6/26	6 7:20 AM	2011/6/20	6 7:23 AM	2011/6/20	6 7:31 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding	
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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	

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

[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 (inside the	1F's Unit 2 silt fence)	Screen of (outside the	1F's Unit 3 e silt fence)	Screen of (inside the	1F's Unit 3 silt fence)	Screen of (outside the	1F's Unit 4 e silt fence)	Screen of (inside the	1F's Unit 4 silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/26	6 7:33 AM	2011/6/26	3 7:40 AM	2011/6/26	6 7:43 AM	2011/6/26	6 7:47 AM	2011/6/26	6 7:50 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
l-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

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

[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 sout 4 Water In	n of 1F's Unit 1- take Canal									Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/26	6 7:57 AM									Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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

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

Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's	iter intake canal Unit 1-4	Screen of (outside the	1F's Unit 1 e silt fence)	Screen of (inside the	1F's Unit 1 silt fence)	Screen of (outside the	Screen of 1F's Unit 2 (outside the silt fence)	
Time and Date of Sample Collection	2011/6/2	7 6:50 AM	2011/6/27	7 7:09 AM	2011/6/27	7 7:13 AM	2011/6/2	7 7:15 AM	2011/6/27	7 7:20 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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

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

[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 (inside the	1F's Unit 2 silt fence)	Screen of (outside the	1F's Unit 3 e silt fence)	Screen of (inside the	1F's Unit 3 silt fence)	Screen of (outside the	1F's Unit 4 e silt fence)	Screen of (inside the	1F's Unit 4 silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/27	7:23 AM	2011/6/27	7 7:27 AM	2011/6/27	7 7:32 AM	2011/6/27	7 7:35 AM	2011/6/27	7 7:38 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
l-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

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

[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>

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Place of Sampling	Inside the south 4 Water In	າ of 1F's Unit 1- take Canal									Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/27	7 7:45 AM									Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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 davs)	ND	-									400

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

Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's	ter intake canal Unit 1-4	Screen of (outside the	1F's Unit 1 e silt fence)	Screen of (inside the	1F's Unit 1 e silt fence)	Screen of (outside the	Screen of 1F's Unit 2 (outside the silt fence)		
Time and Date of Sample Collection	2011/6/28	8 6:40 AM	2011/6/28	3 6:56 AM	2011/6/28	3 7:00 AM	2011/6/28	8 7:02 AM	2011/6/28	8 7:05 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding	
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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	

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

[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 (inside the	1F's Unit 2 silt fence)	Screen of (outside the	1F's Unit 3 e silt fence)	Screen of (inside the	1F's Unit 3 silt fence)	Screen of (outside the	1F's Unit 4 e silt fence)	Screen of (inside the	1F's Unit 4 silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/28	3 7:09 AM	2011/6/28	3 7:12 AM	2011/6/28	3 7:15 AM	2011/6/28	8 7:17 AM	2011/6/2	3 7:21 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 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

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

[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 sout 4 Water In	n of 1F's Unit 1- take Canal									Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/28	3 7:26 AM									Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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

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

Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north water intake canal of 1F's Unit 1-4		Screen of (outside the	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)	
Time and Date of Sample Collection	2011/6/29	9 6:35 AM	2011/6/29	9 6:52 AM	2011/6/29	9 6:56 AM	2011/6/29	9 6:58 AM	2011/6/29	9 7:04 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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

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

[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 (inside the	1F's Unit 2 silt fence)	Screen of (outside the	1F's Unit 3 e silt fence)	Screen of (inside the	1F's Unit 3 silt fence)	Screen of (outside the	1F's Unit 4 e silt fence)	Screen of (inside the	Screen of 1F's Unit 4 (inside the silt fence)	
Time and Date of Sample Collection	2011/6/29	9 7:07 AM	2011/6/29	9 7:10 AM	2011/6/29	9 7:13 AM	2011/6/29	9 7:17 AM	2011/6/29	9 7:19 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
l-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

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

[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>

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Place of Sampling	Inside the south 4 Water In	າ of 1F's Unit 1- take Canal									Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/2	9 7:25 AM									Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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 davs)	ND	-									400

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

Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's	ter intake canal Unit 1-4	Screen of (outside the	1F's Unit 1 e silt fence)	Screen of (inside the	1F's Unit 1 e silt fence)	Screen of (outside th	1F's Unit 2 e silt fence)	Density limit by the announcement of Reactor	
Time and Date of Sample Collection	2011/6/3	0 6:25 AM	2011/6/30	D 6:39 AM	2011/6/30	D 6:44 AM	2011/6/30	0 6:49 AM	2011/6/3	0 6:54 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding	
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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	

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

【Final】	The Results of Nuclide Analyses of Radioactive Materials in the	Seawater Fukus	shima Daiichi	Nuclear Po	ower Station	; the shallow draf	t quay, l	Units 1	1-4
	screen, and the water	intake canal c	of Units 1–4 <	<2/3>					

Place of Sampling	Screen of (inside the	1F's Unit 2 silt fence)	Screen of (outside the	1F's Unit 3 e silt fence)	Screen of (inside the	1F's Unit 3 e silt fence)	Screen of (outside the	1F's Unit 4 e silt fence)	Screen of (inside the	1F's Unit 4 e silt fence)	Density limit by the announcement of Reactor	
Time and Date of Sample Collection	2011/6/30	D 6:59 AM	2011/6/30) 7:04 AM	2011/6/30	D 7:08 AM	2011/6/30	D 7:13 AM	2011/6/30	0 7:16 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding	
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)	
l-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	

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

[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 4 Water In	n of 1F's Unit 1- take Canal									Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/3() 7:20 AM									Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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
[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 Dra	ft Quay of 1F	Inside north wa of 1F's	ter intake canal Unit 1-4	Screen of (outside the	1F's Unit 1 e silt fence)	Screen of (inside the	1F's Unit 1 e silt fence)	Screen of (outside the	1F's Unit 2 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/7/1	6:35 AM	2011/7/1	6:51 AM	2011/7/1	2011/7/1 7:02 AM 2011/7/1 7:05 AM		2011/7/1	7:08 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding	
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor (/)	monitored areas in the section 6 of the appendix 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/ cm³".

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 (inside the	1F's Unit 2 silt fence)	Screen of (outside the	1F's Unit 3 e silt fence)	Screen of (inside the	1F's Unit 3 silt fence)	Screen of (outside the	1F's Unit 4 e silt fence)	Screen of (inside the	1F's Unit 4 e silt fence)	Density limit by the announcement of Reactor
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	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 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/ cm³".

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 4 Water In	າ of 1F's Unit 1- take Canal									Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/7/1	7:38 AM									Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor (/)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 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 davs)	ND	-									400

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm³". 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.

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)			Radioact	ivity Density of Sample	(Bq/cm ³)		
l-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

[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)									
l-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				

[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)									
l-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.

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)			Radioact	ivity Density of Sample	(Bq/cm ³)		
l-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

[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)									
l-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.

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)									
l-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				

[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)									
l-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.

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)									
l-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.

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)									
l-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.

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)			Radioact	ivity Density of Sample	(Bq/cm³)		
l-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.

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)			Radioact	ivity Density of Sample	(Bq/cm ³)		
l-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.

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)			Radioact	ivity Density of Sample	(Bq/cm ³)		
l-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.

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)			Radioact	ivity Density of Sample	(Bq/cm ³)		
l-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.

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)			Radioact	ivity Density of Sample	(Bq/cm ³)		
l-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

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

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)			Radioactivi	ty Density of Sam	ple(Bq/cm ³)	•	
l-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	4.0E+00 1.3E+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)	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

[Final] Results of Nuclide Analysis of Sub-drains at Fukushima Daiichi Nuclear Power Station

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)

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)			Radioactivi	ty Density of Sam	ple(Bq/cm ³)	•	
l-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

[Final] Results of Nuclide Analysis of Sub-drains at Fukushima Daiichi Nuclear Power Station

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)

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)			Radioactivi	ty Density of Sam	ple(Bq/cm ³)		
l-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

[Final] Results of Nuclide Analysis of Sub-drains at Fukushima Daiichi Nuclear Power Station

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)

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)			Radioactivi	ty Density of Sam	ple(Bq/cm ³)	•	
l-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

[Final] Results of Nuclide Analysis of Sub-drains at Fukushima Daiichi Nuclear Power Station

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)

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)			Radioactivi	ty Density of Sam	ple(Bq/cm ³)		
l-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

[Final] Results of Nuclide Analysis of Sub-drains at Fukushima Daiichi Nuclear Power Station

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)

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)			Radioactivi	ty Density of Sam	ple(Bq/cm ³)	•	
l-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 ND (about 2 days)		ND	ND	ND	ND	ND	ND

[Final] Results of Nuclide Analysis of Sub-drains at Fukushima Daiichi Nuclear Power Station

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 offsho Takadokobama Upper La	ore of a shore yer	3 km offsho Takadokobama Lower La	ore of a shore yer	3 km offsho Kujihama s Upper La	ore of shore yer	3 km offsho Kujihama s Lower La	ore of shore yer	3 km offsho Oarai sh Upper La	ore of ore yer	3 km offsho Oarai sh Lower La	ore of nore ayer	Density limit by the announcement of
Time and Date of Sample Collection	2011/6/ 8:36 a	'17 am	2011/6/ 8:35 a	17 Im	2011/6/ 8:24 a	'17 am	2011/6/ 8:22 a	'17 1m	2011/6/ 1:36 p	′17 om	2011/6/ 1:35 p	/17 om	(Bq/ L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/ L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-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

[Definite Report] Result of Nuclide Analysis of Seawater <Offshore of Ibaraki Prefecture 2/2>

Place of Sampling	3 km offshore shore Upper La	of Hirai yer	3 km offshore shore Lower La	of Hirai yer	3 km offshore shore Upper La	of Hasaki yer	3 km offshore shore Lower La	of Hasaki yer					Density limit by the announcement of Reactor Regulation	
Time and Date of Sample Collection	2011/6/ 1:15 p	′18 om	/2011/6 ا 13:03	'18 pm	2011/6/ 7:37 a	'18 am	2011/6/ 7:36 a	/18 am					(Bq/L) (the density limit in	
Detected Nuclides (Half-life)	Density of Sample (Bq/ L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/ L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/ L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)	
l-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	
l-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

[Definite Report] Result of Nuclide Analysis of Seawater <Offshore of Ibaraki Prefecture 1/2>

Place of Sampling	3 km offsho Takadokobama Upper La	ore of shore yer	3 km offsho Takadokobama Lower La	km offshore of 3 km offshore adokobama shore Kujihama sho Lower Layer Upper Laye		shore of 3 km offshore of a shore Kujihama shore Layer Lower Layer		3 km offshore of Oarai shore Upper Layer		3 km offshore of Oarai shore Lower Layer		Density limit by the announcement of Reactor Regulation	
Time and Date of Sample Collection	2011/6/ 8:41 a	21 m	2011/6/ 8:39 a	'21 am	2011/6/ 8:21 a	/22 am	2011/6/22 8:19 am		2011/6/ 1:15 p	/22 om	2011/6/ 1:13 p	/22 om	(Bq/ L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/ L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-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

[Definite Report] Result of Nuclide Analysis of Seawater <Offshore of Ibaraki Prefecture 2/2>

Place of Sampling	3 km offshore shore Upper La	of Hirai yer	3 km offshore shore Lower La	of Hirai yer	3 km offshore shore Upper La	of Hasaki yer	3 km offshore shore Lower La	of Hasaki yer					Density limit by the announcement of Reactor Regulation	
Time and Date of Sample Collection	2011/6/ 1:30 p	′21 om	2011/6/ 1:28 p	'21 om	2011/6/ 7:39 a	'21 1m	2011/6/ 7:38 a	/21 am					(Bq/L) (the density limit in	
Detected Nuclides (Half-life)	Density of Sample (Bq/ L)	Scaling Factor (/)	Density of Sample (Bq/ L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/ L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/ L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)	
l-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	
l-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

[Definite Report] Result of Nuclide Analysis of Seawater <Offshore of Ibaraki Prefecture 1/2>

Place of Sampling	3 km offsho Takadokobama Upper La	ore of a shore yer	3 km offsho Takadokobama Lower La	3 km offshore of Takadokobama shore Lower Layer		3 km offshore of Kujihama shore Upper Layer		3 km offshore of Kujihama shore Lower Layer		ore of ore yer	3 km offshore of Oarai shore Lower Layer		Density limit by the announcement of
Time and Date of Sample Collection	2011/6/ 8:40 a	'24 am	2011/6/ 8:37 a	24 Im	2011/6/ 8:33 a	'24 am	4 2011/6/24 8:30 am		2011/6/ 8:20 a	'25 am	2011/6/ 8:16 a	/25 am	Reactor Regulation (Bq/ L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/ L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-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

[Definite Report] Result of Nuclide Analysis of Seawater <Offshore of Ibaraki Prefecture 2/2>

Place of Sampling	3 km offshore shore Upper La	of Hirai yer	3 km offshore shore Lower La	of Hirai yer	3 km offshore shore Upper La	of Hasaki yer	3 km offshore shore Lower La	of Hasaki yer					Density limit by the announcement of Reactor Regulation	
Time and Date of Sample Collection	2011/6/ 10:55	′25 am	2011/6/ 10:53 ;	'25 am	2011/6/ 7:36 a	'25 am	2011/6/ 7:35 a	/25 am					(Bq/L) (the density limit in	
Detected Nuclides (Half-life)	Density of Sample (Bq/ L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/ L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/ L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)	
l-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	
l-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

[Definite Report] Result of Nuclide Analysis of Seawater <Offshore of Ibaraki Prefecture 1/2>

Place of Sampling	3 km offsho Takadokobama Upper La	ore of a shore yer	3 km offsho Takadokobama Lower La	3 km offshore of Takadokobama shore Lower Layer		3 km offshore of Kujihama shore Upper Layer		3 km offshore of Kujihama shore Lower Layer		ore of ore yer	3 km offshore of Oarai shore Lower Layer		Density limit by the announcement of
Time and Date of Sample Collection	2011/6/ 8:39 a	'28 am	2011/6/ 8:37 a	'28 am	2011/6/ 8:15 a	'29 am	2011/6/29 8:13 am		2011/6/ 1:27 p	′29 om	2011/6/ 1:26 p	/29 om	(Bq/ L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/ L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-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

[Definite Report] Result of Nuclide Analysis of Seawater <Offshore of Ibaraki Prefecture 2/2>

Place of Sampling	3 km offshore shore Upper La	of Hirai yer	3 km offshore shore Lower La	of Hirai yer	3 km offshore shore Upper La	of Hasaki yer	3 km offshore shore Lower La	of Hasaki yer					Density limit by the announcement of Reactor Regulation	
Time and Date of Sample Collection	2011/6/ 1:42 p	′28 om	2011/6/ 1:43 p	28 om	2011/6/ 7:35 a	'28 am	2011/6/ 7:34 a	/28 am					(Bq/L) (the density limit in	
Detected Nuclides (Half-life)	Density of Sample (Bq/ L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/ L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/ L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)	
l-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	
l-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

[Definite Report] Result of Nuclide Analysis of Seawater <Offshore of Miyagi Prefecture 1/2>

Place of Sampling	lshinomaki Upper Lay	bay yer	lshinomaki bay Middle Layer		Ishinomaki bay Lower Layer		Offshore of East side of Kinkasan Upper Layer		of Offshore of East side of Kinkasan Middle Layer		of Offshore of East side o Kinkasan Lower Layer		Density limit by the announcement of
Time and Date of Sample Collection	2011/6/ 11:00 a	21 am	2011/6/ 10:55 ;	'21 am	2011/6/21 10:50 am		2011/6/ 8:51 a	'21 1m	2011/6/ 8:42 a	'21 m	2011/6/ 8:20 a	/21 am	(Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/ L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 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
l-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

[Definite Report] Result of Nuclide Analysis of Seawater <Offshore of Miyagi Prefecture 2/3>

Place of Sampling	Offshore of Sou Kinkasa Upper La	th side of an yer	Offshore of Sou Kinkasa MIddle La	th side of In Iyer	side of Offshore of South side of Kinkasan r Lower Layer		of Offshore of Shichigahama Upper Layer		ama Offshore of Shichigahama Middle Layer		ama Offshore of Shichigaha Lower Layer		Density limit by the announcement of Reactor Regulation	
Time and Date of Sample Collection	2011/6/ 9:42 a	'21 am	2011/6/ 9:37 a	21 m	2011/6/ 9:30 a	'21 m	2011/6/21 10:04 am		2011/6/ 10:00 ;	'21 am	2011/6/ 9:55 a	/21 am	Reactor Regulation (Bq/ L) (the density limit in	
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/ L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 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	
le-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000	
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200	
l-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

[Definite Report] Result of Nuclide Analysis of Seawater <Offshore of Miyagi Prefecture 3/3>

Place of Sampling	Central area o bay Upper La	of Sendai yer	Central area o bay MIddle La	ral area of Sendai Central area of bay bay MIddle Layer Lower Laye		area of Sendai bay wer Layer Upper Layer Upper Layer		wa Offshore of Abukumagawa Middle Layer		awa Offshore of Abukumagav Lower Layer		Density limit by the announcement of Reactor Regulation	
Time and Date of Sample Collection	2011/6/ 7:40 a	21 im	2011/6/ 7:36 a	'21 1m	2011/6/ 7:30 a	'21 am	2011/6/21 8:57 am		2011/6/ 8:50 a	21 m	2011/6/ 8:45 a	'21 am	(Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/ L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 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

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