Corrected: Ver 2

## ·Red: Changes from October 24 (Previous announcement), 2011 to March 30, 2012.

\*2: In the previous correction (as of April 1), it was noted that the sampling frequency was changed from one a wekk to onece a month, though the correct is that the designated place is newly added "sampling point".

\*3: In the previsou correction (as of April 1), the sampling frequency after the correction was stated as "demise", though the correct is that sampling is and will be continued to be conducted once a month.

( For the parts unnecessary to be corrected, their apperance might have been modified.) Sampling Frequency and Nuclide Analysys Plan (March 30)

Nuclide analysys results of gamma rays(1/4)

Condition		Place of Sampling	Before	After	Note
Soil	1F	Ground (West-northwest approx. 500m)	1/week*1	1/month	Revising sampling frequency with complete of the Road map (Step2 completion) towards restoration from the accident.
		Wild birds' forest (West approx. 500m)			
		Near the industrial waste disposal facility (South-southwest approx. 500m)			
	1 F	West Gate of Fukushima Daiichi	1/day	same as on the	
	2F	MP-1	iraay	left	
		North Side Slope of Unit 1			
		West Side Slope of Unit 1 and Unit 2	1/week	same as on the left	
		West Side Slope of Unit 3 and Unit 4			
		Mountainside of Unit 1			
		Mountainside of Unit 2			Revising the plance of sampling from January 2012 Revising the
Air		Mountainside of Unit 3	1/month	domino	plance of sampling from January 2012 with complete of the Road
	1F	Environment Monitoring Building	1/month	demise	map (Step2 completion) towards restoration from the accident.
		Water Treatment Building			
		Switching Yard of Unit 5 and Unit 6			
		MP-1	1/week	same as on the left	Having added Survey Points at
		MP-3			
		MP-8			
		Sea Side of Unit 1 - 4	-	1/week	Sea Side Slope of Unit 1-4 since December 2011.
	1F	1U sub-drain near Turbine Building	3/week	same as on the left	Revising sampling frequency with complete of the Road map (Step2 completion) towards restoration from the accident.
		2U sub-drain near Turbine Building			
		3U sub-drain near Turbine Building			
		4U sub-drain near Turbine Building			
		5U sub-drain near Turbine Building			
		6U sub-drain near Turbine Building			
		Deep Well		same as on the left	
		Sub-drain of northeast side Process Main Building			
groundwate r		Sub-drain of southeast side Process Main Building			
		Sub-drain of south side Miscellaneous Solid Waste Volume Reduction Treatment Building	1/day		
	1 F	Sub-drain of southwest side On-site Bunker Building	1/week	same as on the left	
		Subdrain of west side Incineration Workshop Building			
		Sub-drain of north side Miscellaneous Solid Waste Volume Reduction Treatment Building			
		Sub-drain of southeast side On-site Bunker Building			

<sup>\*</sup> Sampling frequency is 2/week, and either will be analized. The other sampling should be analized when there appeared a change of the

Scawater inside Port  1F  Screen of Unit 1 (inside the silt fence) Screen of Unit 2 (inside the silt fence) Screen of Unit 3 (inside the silt fence) Screen of Unit 4 (inside the silt fence) Screen of U		iaiysys i	esults of gamma rays(2/4)  Place of Sampling	Defere	After	Note
North of Units 1 to 4 Water Intake Screen of Unit 1 (inside the silt fence) Screen of Unit 2 (outside the silt fence) Screen of Unit 2 (inside the silt fence) Screen of Unit 3 (inside the silt fence) Screen of Unit 4 (inside the silt fence) Screen of Unit 5 (inside the silt fence) Screen of Unit 4 (inside the silt fence) Screen of Unit 4 (inside the silt fence) Screen of Unit 5 (inside the silt fence) Screen of Unit 4 (inside the silt fence) Screen of Unit 5 (inside the silt fence) Screen of Unit 4 (inside the silt fence) Screen of Unit 5 (inside the silt fence) Screen of Unit 4 (inside the silt fence) Screen of Unit 5 (inside the silt fence) Screen of Unit 4 (inside the silt fence) Screen of Unit 5 (inside the silt fence) Screen of Unit 4 (inside the silt fence) S	Condition			belore	Aitei	Note
Seawater inside Port    1-F  Screen of Unit 1 (outside the silt fence)   Screen of Unit 2 (outside the silt fence)   Screen of Unit 3 (outside the silt fence)   Screen of Unit 3 (outside the silt fence)   Screen of Unit 3 (outside the silt fence)   Screen of Unit 4 (outside the silt fence)   Screen of Unit 5 (outside the silt fence)   Screen of Unit 4 (outside the silt fence)   Screen of Unit 5 (outside the silt fence)   Screen of Unit 5 (outside the silt fence)   Screen of Unit 5 (outside the silt fence)   Screen of Unit 4 (outside the silt fence)   Screen of Unit 5 (outside the silt fence)   Screen of Unit 4 (outside the silt fence)   Screen of Unit 5 (outside the silt fe			· ·			
Screen of Unit 1 (inside the silt fence) Screen of Unit 2 (outside the silt fence) Screen of Unit 3 (inside the silt fence) Screen of Unit 3 (inside the silt fence) Screen of Unit 3 (inside the silt fence) Screen of Unit 4 (outside the silt fence) Screen of Unit 4 (inside the silt fence) Screen of Unit 6 Water Intake  Introduction of Unit 5 and 6 of 1F South Discharge Channel of 1F North Discharge Channel of 1F North Discharge Channel of 2F  3km offshore of Alaramachi-ku 3km offshore of Odaka-ku Iwasawa SeashoreoffshoreSkm  within 20km range Its km offshore of Odaka-ku  Within 20km range Its km offshore of Ukedo River Johns, planned tentatively)  3km offshore of Ukedo River Johns, planned tentatively)  3km offshore of Iris and Control of Iris and Co						
Scewater inside Port 1 F			, ,			
Seawater inside Port 1    Screen of Unit 2 (inside the silt fence)			Screen of Unit 1 (inside the silt fence)			
Seawater inside Port  IF  Screen of Unit 2 (inside the silt fence) Screen of Unit 3 (inside the silt fence) Screen of Unit 4 (inside the silt fence) Screen of Unit 5 (inside the silt fence) Screen of Unit 6 Water Intake  In front of the Unit 6 Water Intake  North Discharge Channel of 1F South Discharge Channel of 1F North Discharge Channel of 2F  Iveek  Same as on the left  Iveek Same as on the left  Interest of Unit 5 (inside the silt fence) Screen of Unit 5 (inside the silt fence) Screen of Unit 6 Water Intake  Interest of Unit 5 (inside the silt fence) Screen of Unit 6 Water Intake  North Discharge Channel of 1F North Discharge Channel of 2F  Iveek Same as on the left  Interest of Unit 5 (inside the silt fence) Same as on the left Interest of Unit 5 (inside the silt fence) Same as on the left Interest of Unit 5 (inside the silt fence) Same as on the left Interest of Unit 5 (inside the silt fence) Same as on the left Interest of Unit 5 (inside the silt fence) Same as on the left Interest of Unit 5 (inside the silt fence) Same as on the left Interest of Unit 5 (inside the silt fence) Same as on the left Interest of Unit 5 (inside the silt fence) Same as on the left Interest of Unit 5 (inside the silt fence) Same as on the left Interest of Unit 5 (inside the silt fence) Same as on the left Interest of Unit 5 (inside the silt fence) Interest of			Screen of Unit 2 (outside the silt fence)			
inside Port  If Screen of Unit 3 (inside the silt fence) Screen of Unit 4 (inside the silt fence) Screen of Unit 5 and 6 of 1F South Discharge Channel of 1F South Discharge Channel of 1F North Discharge Channel of 2F  I/week I/week Screen of Unit 5 and 6 of 1F South Discharge Channel of 2F  I/week I/week Screen of Unit 5 and 6 of 1F South Discharge Channel of 2F  I/week I/week Screen of Unit 5 and 6 of 1F South Discharge Channel of 2F  I/week I/week Screen of Unit 5 and 6 of 1F South Discharge Channel of 2F  I/week I/week Screen of Unit 5 and 6 of 1F South Discharge Channel of 2F  I/week I/week Screen of Unit 5 and 6 of 1F I/week I/week Screen of Unit 5 and 6 of 1F I/week I/week Screen of Unit 5 and 6 of 1F I/week	0		Screen of Unit 2 (inside the silt fence)	1/day		
Screen of Unit 4 (outside the silt fence) Screen of Unit 4 (inside the silt fence) Screen of Unit 4 (inside the silt fence) South of Units 1-4 Water Intake In front of the Unit 6 Water Intake In front of the Unit 5 and 6 of 1F South Discharge Channel of Unit 5 and 6 of 1F South Discharge Channel of 2F Invest Inve		1 <b>F</b>	Screen of Unit 3 (outside the silt fence)			
Screen of Unit 4 (Inside the silt fence) South of Units 1-4 Water Intake In front of the Unit 6 Water Intake In front of the Unit 5 and 6 of 1F South Discharge Channel of 1F South Discharge Channel of 1F Invesk South Discharge Channel of 2F Invesk Invasawa Seashore of 2F Invesk Invasawa Seashore of 2F Invesk Invasawa Seashore of Odaka-ku Invasawa Seashore of Odaka-ku Invasawa Seashore of Odaka-ku Invasawa Seashore of Invasawa shore Interest of Invasawa shore Invasawa shore Interest of			Screen of Unit 3 (inside the silt fence)			
South of Units 1-4 Water Intake in front of the Unit 6 Water Intake in front of the Unit 5 and 6 of 1F South Discharge Channel of 1F North Discharge Channel of 1F North Discharge Channel of 1F North Discharge Channel of 2F			Screen of Unit 4 (outside the silt fence)			
In front of the Unit 6 Water Intake  In front of the Unit 5 and 6 of 1F  South Discharge Channel of 1F  North Discharge Channel of 1F  North Discharge Channel of 2F  It week  It was awa Seashore of 2F  It week  It was awa Seashore of 2F  It week  It was awa Seashore of Odaka-ku  Iwas awa Seashore of Odaka-ku  Iwas awa Seashore of Iwas awa shore  Within 15km offshore of Ukedo River  It km Offshore of 1F  It week  It wee			Screen of Unit 4 (inside the silt fence)			
In front of the Unit 6 Water Intake  North Discharge Channel of Unit 5 and 6 of 1F South Discharge Channel of 1F  North Discharge Channel of 2F  North Discharge Channel of 2F  1//day  Iwasawa Seashore of 2F  Swm offshore of 1F  Swm offshore of Haramachi-ku  3km offshore of Odaka-ku  Iwasawa Seashoreoffshore3km  Bkm offshore of Odaka-ku  Iwasawa Seashoreoffshore3km  Bkm offshore of Ukedo River  15km offshore of 1F  15km Offshore of 2F  Survey Points of Fishing Grounds (10 points, planned tentatively)  Seawater out of Port  15km offshore of Nidagawa *2  Ikm offshore of Nidagawa *2  Ikm offshore of Nidagawa *2  Ikm offshore of Hirono town  1/week  Same as on the Ingroved the detection limits and Lower Layer)  If km offshore of Hirono town  1/week  Same as on the Ingroved the detection limits and Lower Layer)  If km offshore of Ukedo River  3 km Offshore of 1F  1 for the Common of the Ingroved the detection limits and the Ingroved the Ingroved the Ingroved the Ingroved the Ingroved Ingress and the Ingroved the Ingroved Ingress and Ingroved I			South of Units 1-4 Water Intake			The Survey Point in front of the
South Discharge Channel of 1F North Discharge Channel of 2F Iwasawa Seashore of 2F  3km offshore of Haramachi-ku 3km offshore of Odaka-ku Iwasawa Seashoreoffshore3km  8km offshore of Odaka-ku Iwasawa Seashoreoffshore3km  8km offshore of Odaka-ku Iwasawa Seashoreoffshore3km  8km offshore of Iwasawa shore 15km offshore of Iwasawa shore 15km offshore of IF 15km Offshore of 2F  Survey Points of Fishing Grounds (10 points, planned tentatively)  3km offshore of Ikedo River 3 km Offshore of 1F  1 km offshore of 1F  1 km offshore of 1F  1 km offshore of Iwasawa shore  1 km offshore of Iwasawa shore 1 km offshore of Iwasa			in front of the Unit 6 Water Intake	-	1/week	Unit 6 Water Intake has been set since February 7, to grasp the situation of Unit 5,6 Water Intake.
South Discharge Channel of 1F North Discharge Channel of 2F Iwasawa Seashore of 2F  3km offshore of Haramachi-ku 3km offshore of Odaka-ku Iwasawa Seashoreoffshore3km  8km offshore of Odaka-ku Iwasawa Seashoreoffshore3km  8km offshore of Odaka-ku Iwasawa Seashoreoffshore3km  8km offshore of Iwasawa shore 15km offshore of Iwasawa shore 15km offshore of IF 15km Offshore of 2F  Survey Points of Fishing Grounds (10 points, planned tentatively)  3km offshore of Ikedo River 3 km Offshore of 1F  1 km offshore of 1F  1 km offshore of 1F  1 km offshore of Iwasawa shore  1 km offshore of Iwasawa shore 1 km offshore of Iwasa			North Discharge Channel of Unit 5 and 6 of 1F			
Coast  North Discharge Channel of 2F  Iwasawa Seashore of 2F  3km offshore of Haramachi-ku 3km offshore of Odaka-ku  Iwasawa Seashoreoffshore3km  8km offshore of Odaka-ku  Iwasawa Seashoreoffshore3km  8km offshore of Odaka-ku  Ibyper and 1/week  Iskm offshore of Iwasawa shore  15km offshore of IF  Survey Points of IF  Survey Points ore of Ukedo River  3 km offshore of 1F  3 km Offshore of 1F  3 km Offshore of 1F  3 km offshore of Iwasawa shore  1/week  3 km offshore of Iwasawa shore  1/week  Same as on the improved the detection limits  Survey Points moved to Grounds  1/week (Both Upper and Lower Layer)  15km offshore of Hirono town  1km offshore of Natsuigawa  1/week (Both Upper and Lower Layer)  15km offshore of Natsuigawa  1/week (Both Upper and Lower Layer)  1/week (Both Upper and Lower			-			
Coast   Invest   In			-			
lwasawa Seashore of 2F    Sakm offshore of Haramachi-ku   Survey Points moved the detection limits		Coast	North Discharge Channel of 2F	1/day		due to the cancellation of a
Skm offshore of Odaka-ku    wasawa Seashoreoffshore3km   1/2days (Both Upper and Lower Layer)			Iwasawa Seashore of 2F		1/week	2F, and reducing the Radioactivity Density in seawater. Improved the detection limits
Iwasawa Seashoreoffshore3km    Iwasawa Seashoreoffshore3km			3km offshore of Haramachi-ku		demise	
Iwasawa Seashoreoffshore3km			3km offshore of Odaka-ku		(Same as on the	Revising the sampling frequancy
Seawater out of Port  Seawater out of Port  Within 30km range  Seawater out of Port  Within 30km range  Seawater out of Port  Seawater out of Port  Within 30km range  Seawater out of Port  Seawater out of Seamate Radios Seawater out of Seawater layer out of Seawater out		20km	Iwasawa Seashoreoffshore3km			Density in seawater. Improved
within 20km range 15 km Offshore of Ukedo River 15 km Offshore of 2F 15 km Offshore of 2F 25 25 25 25 25 25 25 25 25 25 25 25 25			8km offshore of Odaka-ku		demise	
20km range  15 km Offshore of 1F  15 km Offshore of 2F  Survey Points of Fishing Grounds (10 points, planned tentatively)  3km offshore of Ukedo River 3 km Offshore of 1F  1km offshore of 2F  1/week (Sampled at 2 grounds layer)  1/month (Same as on the Improved the detection left)  1/month (Same as on the Improved the detection left)  1/week (Sampled at 2 grounds layer)  1/week (Sampled at 2 grounds layer)  1/month (Same as on the left)  3km offshore of Natsuigawa  1/week (Sampled at 2 grounds layer)  1/month (Same as on the left)  3km offshore of Natsuigawa  1/week (Sampled at 2 grounds layer)  1/month (Same as on the left)  3km offshore of Natsuigawa  3km offshore of Natsuigawa  3km offshore of Natsui River  3km offshore of Natsui River  2/month (Same as on the left)  3km offshore of Natsui River			8km offshore of Iwasawa shore	Lower Layer)		Survey Points moved to Fishing Grounds
range   15 km Offshore of 1F			15km offshore of Ukedo River			
Seawater out of Port  Seawater out of Seawater out of Seawater out of Port  Seawater out of Seawater out of Seawater out of Port  Seawater out of Seawater out of Seawater out of Port  Seawater out of Seawater out of Seawater out of Port  Seawater out of Seawater out out out out of Seawater out			15 km Offshore of 1F		(Same as on the	Improved the detection limits
Seawater out of Port  Seawater out of Seawater out of Sawn offshore of Ukedo River of Ukedo River of Sawn offshore of Port of Sawn offshore of Niidagawa *2  Seawater out out of Sawn offshore of Niidagawa *2  Seawater out of Sawn offshore of Niidagawa *2  Seawater out out of Sawn offshore of Niidagawa *2  Seawater out out of Sawn offshore of Niidagawa *2  Seawater out out of Sawn offshore of Niidagawa *2  Seawater out out of Sawn offshore of Niidagawa *2  Seawater out out of Sawn offshore of Niidagawa *2  Seawater out out of Sawn ou			15 km Offshore of 2F		demise	Survey Points moved to Fishing Grounds
Seawater out of Port  3 km Offshore of 1F  3 km Offshore of 2F				-	(Upper layer,	Additional Survey Points set at Fishing Grounds
out of Port  3 km Offshore of 1F  3 km Offshore of 2F	Seawater		3km offshore of Ukedo River	-		
1km offshore of Niidagawa *2   -     1/month   (Same as on the left)			3 km Offshore of 1F	-	points, upper	Density. Improved the detection
within 30km range  15 km Offshore of Minamisoma  15km offshore of Iwasawa shore  15km offshore of Hirono town  15km offshore of Natsuigawa  1km offshore of Natsuigawa  1/week (Both Upper and Lower Layer)  15km offshore of Hirono town  1/week (Sampled at 2 points, upper layer and lower layer)  3km offshore of North of Iwaki City  3km offshore of Natsui River  1/month (Same as on the Improved the detection left)  1/month (Sampled at 2 points, upper layer and lower layer)  3km offshore of North of Iwaki City  3km offshore of Natsui River  3km offshore of Natsui River  2 wivey Points moved to grounds  1/month (Same as on the Improved the detection left)  3km offshore of Natsui River			3 km Offshore of 2F	-		limits
within 30km range  15 km Offshore of Minamisoma  15km offshore of Iwasawa shore  15km offshore of Hirono town  15km offshore of Natsuigawa  1/week (Both Upper and Lower Layer)  15km offshore of Hirono town  1/week (Sampled at 2 points, upper layer and lower layer)  3km offshore of North of Iwaki City  3km offshore of Natsui River  3km offshore of Natsui River  1/month (Same as on the Improved the detection left)  1/month (Same as on the Improved the detection left)  3km offshore of North of Iwaki City  3km offshore of Natsui River		30km	1km offshore of Niidagawa *2			Survey Points moved to Fishing
1/week (Both Upper and Lower Layer)   1/worth (Same as on the Improved the detection left)   1/worth (Same as on the Improved the detection left)   1/week (Sampled at 2 points, upper layer and lower layer)   1/worth (Same as on the Improved the detection left)   1/week (Sampled at 2 points, upper layer and lower layer)   1/worth (Same as on the Improved the detection left)   1/worth (Same as			Third offshore of Mildagawa 2		V	Grounds
15km offshore of Iwasawa shore  15km offshore of Hirono town  15km offshore of Hirono town  15km offshore of Natsuigawa  1/week (Sampled at 2 points, upper layer and lower layer)  3km offshore of North of Iwaki City  2			15 km Offshore of Minamisoma	1/week (Both		Survey Points moved to Fishing Grounds
1km offshore of Natsuigawa  1k			15km offshore of Iwasawa shore	Upper and	(Same as on the	Improved the detection limits
1km offshore of Natsuigawa  - Survey Points set at es region  3km offshore of North of Iwaki City  - Units, upper layer and lower layer)  - I/month (Same as on the left)  - Out of 30km  3km offshore of Natsui River  - Survey Points set at es region  - Survey Points set at es region			15km offshore of Hirono town		demise	Sampling around the point instead
3km offshore of North of Iwaki City - (Same as on the Improved the detection left)  out of 30km  3km offshore of Natsui River  demise Survey Points moved to estuarine region			1km offshore of Natsuigawa		(Sampled at 2 points, upper layer and lower	Survey Points set at estuarine region
30km 3km offshore of Natsui River demise estuarine region			3km offshore of North of Iwaki City	-	(Same as on the	Improved the detection limits
, , <del>,</del>			3km offshore of Natsui River	1/week (Both Upper and Lower Layer)	demise	Survey Points moved to estuarine region
3km offshore of Onahama Port (Same as on the Improved the detection left)			3km offshore of Onahama Port		(Same as on the	
3km offshore of Ena Upper and demise instead			3km offshore of Ena		demise	Sampling around the point instead
Lower Lover			3km offshore of Numanouchi		demise	Sampling around the point
3km offshore of Toyoma (Same as on the Improved the detection left)			3km offshore of Toyoma		(Same as on the	

	nalysys re	esults of gamma rays(3/4)			1
Condition		Place of Sampling	Before	After 1/month	Note
Seawater out of Port		3km offshore of Soma city			Improved the detection limits
	out of	5km offshore of Soma city	1/week (Both	demise	Sampling around the point instead
	30km range	5km offshore of Kashima	Upper and Lower Layer)	1/month (Same as on the left)	Improved the detection limits
		5km offshore of Natsui River		1/month (Same as on the left)	Improved the detection limits
	Offshor	3km offshore of Isohara Coast		1/month (Sampled at 2 points, upper layer and lower layer)	
	e of Ibaraki	3km offshore of Takatokohama Coast			Revising the sampling frequancy due to reducing the Radioactivity
	Prefectu	3km offshore of Kujihama Coast	1 hugals (Dath	1/month	Density in seawater. (1/week tentatively)
	re	3km offshore of Oharai Coast	1/week (Both Upper and	(Same as on the	
		3km offshore of Hirai Coast	Lower Layer)	left)	
		3km offshore of Hasaki Coast			
Seawater out of Port		Minami Sanriku	-	1/2weeks (Sampled at 2 points, upper layer and lower layer)	
	Offshor e of	Ishimaki Bay			
	Miyagi	East side of Kinkasan			Improved the detection limits of seawater
	Prefectu re	South side of Kinkasan	1/2weeks (Upper, Middle	Same as on the	
		Shichigahama	and Lower Layer)	left	
		Middle of Sendai Bay	Zayo.,		
		Abukuma River			
	within 20km range	3km offshore of Odaka-ku		Same as on the	
		Iwasawa Seashoreoffshore3km	1/month	left *3	
		3km offshore of Ukedo	_		
		3km offshore of 1F	_		Sampling place added to see trend of radioactivity
		2km offshore of 1F	_		concentration
		1km offshore of Murakami, Okada-ku	_		
		2km offshore of Murakami, Okada-ku	_		
		1km offshore of Ukedo, Namie town	_		
		2km offshore of Ukedo, Namie town			
		3km offshore of Ukedo, Namie town	_		
			-		
		1 km offshore of Kumagawa, Ohkuma town	-	1/month	Sampling places set to see the movement of nuclides at
		2 km offshore of Kumagawa, Ohkuma town	-		estuarine region
		3 km offshore of Kumagawa, Ohkuma town	-		
		5 km offshore of Kumagawa, Ohkuma town			
Ocean Soil		10 km offshore of Kumagawa, Ohkuma town	-		
		15 km offshore of Kumagawa, Ohkuma town	-		
		20 km offshore of Kumagawa, Ohkuma town	-		
		1km offshore of Yamadahama, Naraha town	-		
	Coast within 20km range	Fishing Grounds (10 points will be set)	-		Points added for fishing grounds
		North Discharge Channel of Unit 5 and 6 of 1F	1/month	same as on the	
		South Discharge Channel of 1F			
		North Discharge Channel of 2F		left	
		Iwasawa Seashore of 2F			
		3km offshore of Haramachi-ku		demise	Survey Points moved to estuarine region
		8km offshore of Odaka-ku		demise	Survey Points moved to Fishing Grounds
		8km offshore of Iwasawa shore		demise	Survey Points moved to Fishing Grounds
		15km offshore of Ukedo River		demise	Survey Points moved to Fishing Grounds
		15 km Offshore of 1F		same as on the left	
		15 km Offshore of 2F		demise	Survey Points moved to Fishing Grounds

## Nuclide analysys results of gamma rays(4/4)

Condition	,-,-	Place of Sampling	Before	After	Note
		1km offshore of Niida River	-	1/2months	Survey point set at estuarine region
	within	15km offshore of Minami-Souma City		demise	Survey Points moved to Fishing Grounds
	30km range	15km offshore of Iwasawa shore		1/2months	
		15km offshore of Hirono town		demise	Sampling other survey points instead
		3km offshore of North of Iwaki City		1/2months	
		3km offshore of Natsui River		demise	Survey Points moved to estuarine region
		3km offshore of Onahama Port		1/2months	
Ocean Soil		3km offshore of Ena	1/month	demise	Sampling other survey points instead
Cocan con		3km offshore of Numanouchi		demise	Sampling other survey points instead
	out of 30km	3km offshore of Toyoma		1/2months	
	range	3km offshore of Soma city		1/2months	
		5km offshore of Soma city		demise	Sampling other survey points instead
		5km offshore of Kashima		1/2months	
		5km offshore of Numanouti		1/2months	
		5km offshore of Natsui River		1/2months	
		5km offshore of Natsui River	-	1/2months	Survey Point set at estuarine region
	1F	Environment Monitoring Building of Fukushima Daiichi NPS		same as on the left	Sampling for Dropping in aspects of direction and destance stopped because the Radioactivity Density from Dropping cannot be measured,
		Roof of Environment Monitoring Building of Fukushima Daiichi NPS			
		approx. 5 km to north			
	around	approx. 5 km to north west			
Dropping	approx.	approx. 5 km to west			
	5 km	approx. 5 km to south west			
		approx. 5 km to south	1/month	demise	and the sampling from Reactor Building Cover Emission and
		approx. 10 km to north			Primary Containment Vessel Gas can be conducted. There
		approx. 10 km to north west			are few clear defference among others and height so that it also
	around approx. 10 km	approx. 10 km to west			stopped. (Since December 2011.)
		approx. 10 km to south west			
		approx. 10 km to south			
		approx. 10 km to south (on the roof)			
	2F	Administrative Building		same as on the left	
		Roof of Administrative Building		demise	

Pu, etc

Condition		Place of Sampling	Before	After	Note
		Ground (West-northwest approx. 500m)			
Soil	1F	Wild birds' forest (West approx. 500m)	1/week (only Pu)	1/2months (same as on the left)	Revising sampling frequency with complete of the Road map (Step2 completion) towards restoration from the accident.
		Near the industrial waste disposal facility (South-southwest approx. 500m)			
Air	1 F	West Gate of Fukushima Daiichi	1/week	1/month	Same as above
		2U sub-drain near Turbine Building	1/month	same as on the left	
goundwate	1F	5U sub-drain near Turbine Building	1/month		Same as above. Sampling
r		1,3,4,6U sub-drains near each Turbine Building, Deep Well	1/month (refer Note)	1/month (refer Note)	1point/month in rotation.
Seawater inside Port	1F	North of Units 1 to 4 Water Intake	1/month	same as on the left	
	Coast	North Discharge Channel of Unit 5 and 6 of 1F	1/month (In the case Pu238 is detected,	same as on the	
	Coasi	South Discharge Channel of 1F	analyses of U,Am,Cm will be conducted)	left	
	within 20km range	15 km Offshore of 1F	1/month (Upper Layer) (In the case Pu238 is detected,	same as on the left	The 3 closer survey points (3km offshore of Ukedo River, 3 km Offshore of 1F, 3 km Offshore of 2F) set to grasp the Radioactivity Density, and the
Seawater out of Port		15 km Offshore of 2F	analyses of U,Am,Cm will be conducted)	demise	
		3km offshore of Ukedo River	-	1/month (Upper	
		3 km Offshore of 1F	-		point of 15 km Offshore of 2F
		3 km Offshore of 2F	-	analyses of U,Am,Cm will be conducted)	
	within 20km range	3km offshore of Odaka-ku		demise same as on the left	
		3km offshore of Iwasawa Seashore			
Ocean Soil		15 km Offshore of 1F	'		
	Coast	North Discharge Channel of Unit 5 and 6 of 1F	1/2months (In		Sampling at North Discharge
	Coasi	South Discharge Channel of 1F	the case Pu238 is detected,		Channel of Unit 5 and 6, and around South Discharge Channel of 1F continue, to grasp Ocean Soil Radioactivity Density. (The target area is 1000Bq/kg of Ocean Soil Cs137 Density)
	within 20km range/ within 30km range out of 30km range	Each point of Cs-137 High-density area in North and South.	analyses of U,Am,Cm will be conducted)	demise	
		Each point of Cs-137 High-density area in North and South.			

## Strontium

Condition		Place of Sampling	Before	After	Note
Soil	1F	Ground (West-northwest approx. 500m)	1/month	same as on the left	
		Wild birds' forest (West approx. 500m)			
		Near the industrial waste disposal facility (South-southwest approx. 500m)			
Air	1 F	West Gate of Fukushima Daiichi	1/month	same as on the left	
goundwate		2U sub-drain near Turbine Building	4 / th	same as on the left	Revising sampling frequency with complete of the Road map (Step2 completion)
	1 F	5U sub-drain near Turbine Building	1/month		
r	11	1,3,4,6U sub-drains near each Turbine Building, Deep Well	1/month (refer Note)	1/month (refer Note)	towards restoration from the accident. Sampling 1point/month in rotation.
Seawater inside Port	1F	North of Units 1 to 4 Water Intake	1/month	same as on the left	
	Coast	North Discharge Channel of Unit 5 and 6 of 1F	1/month	same as on the	
	Coasi	South Discharge Channel of 1F	1/month	left	
		15 km Offshore of 1F	1/month (Upper	same as on the left	
	within	15 km Offshore of 2F	Layer)	demise	
	20km	3km offshore of Ukedo River	-		The 3 closer survey points (3km offshore of Ukedo
Seawater out of Port	range	3 km Offshore of 1F	1/month (Upper layer	1/month (Upper layer)	River、3 km Offshore of 1F、3 km Offshore of 2F) set to grasp the Radioactivity  Density, and 15 km Offshore of 2F、5km offshore of Somacity、3km offshore of Enawere stopped.
		3 km Offshore of 2F	•	9	
	out of 30km range	Middle of Sendai Bay	1/2months (Upper Layer)	same as on the left	
		5km offshore of Soma city		damisa	
		3km offshore of Ena			
		3km offshore of Oharai Coast			
	within 20km range	3km offshore of Odaka-ku		demise	North Discharge Channel of Unit 5 and 6, and around South Discharge Channel of 1F continue, to grasp Ocean Soil Radioactivity Density (The target area is 1000Bq/kg of Ocean Soil Cs 1 3 7 Density)
		Iwasawa Seashoreoffshore3km			
		15 km Offshore of 1F			
	Coast	North Discharge Channel of Unit 5 and 6 of 1F		same as on the left	
Ocean Soil	Codor	South Discharge Channel of 1F			
	within 20km range / within 30km range out of 30km range	Each point of Cs-137 High-density area in North and South.	1/2months	Sc 1F	
		Each point of Cs-137 High-density area in North and South.			

## Tritium, All-Alpha, All-Beta

Condition		Place of Sampling		After	Note
goundwate r	1F	2U sub-drain near Turbine Building	1/month	same as on the left	Revising sampling frequency with complete of the Road map (Step2 completion) towards restoration from the accident. Sampling 1point/month in rotation.
		5U sub-drain near Turbine Building	1/11101101	1/month	
		1,3,4,6U sub-drains near each Turbine Building, Deep Well	1/month (refer Note)	1/month (refer Note)	
Seawater inside Port	1F	North of Units 1 to 4 Water Intake	1/month	same as on the left	
Seawater out of Port	Coast	North Discharge Channel of Unit 5 and 6 of 1F	1/month - -	same as on the left	The 3 closer survey points (3km offshore of Ukedo River, 3 km Offshore of 1F, 3 km Offshore of 2F) set to grasp the
		South Discharge Channel of 1F			
	within 20km range	15 km Offshore of 1F			
		15 km Offshore of 2F		demise	
		3km offshore of Ukedo River			Radioactivity Density, and 15 km Offshore of 2F was stopped.
		3 km Offshore of 1F			
		3 km Offshore of 2F	-		

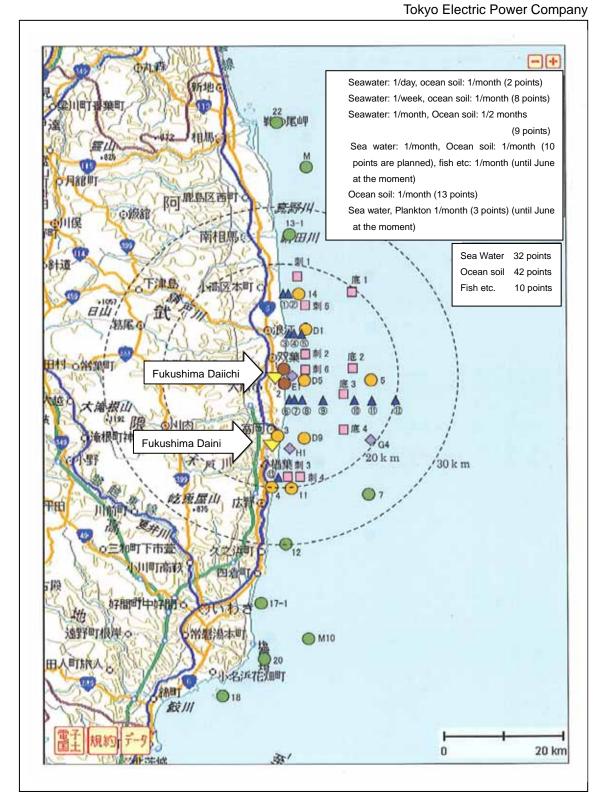


Fig 1-1. Ocean monitoring on the coast of Fukushima Pref. (FY2012)

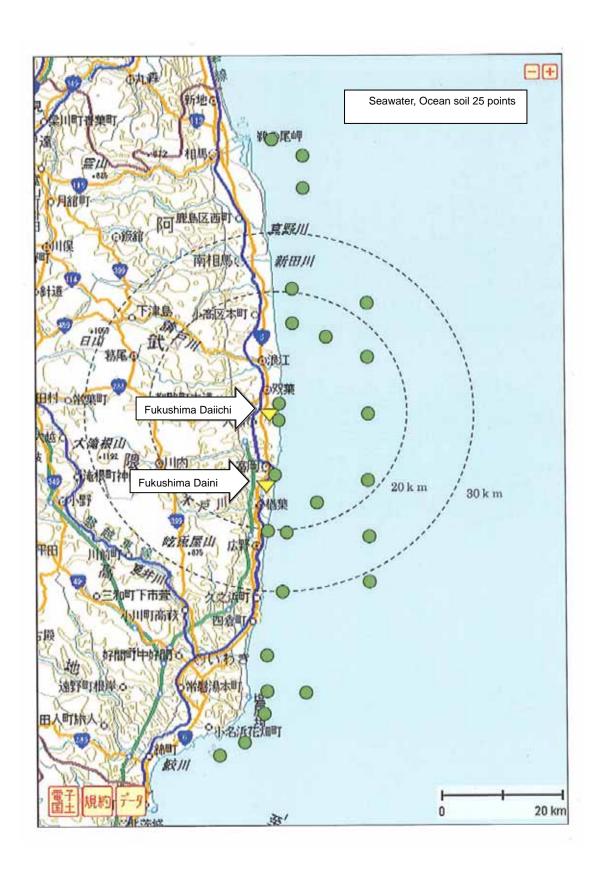


Fig 1-1. Ocean monitoring on the coast of Fukushima Pref. (FY2011)

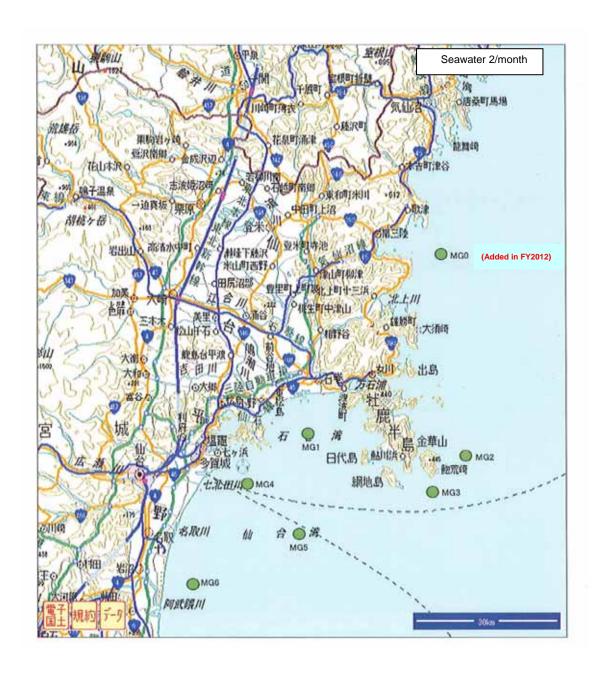


Fig.2. Ocean monitoring on the coast of Miyagi Pref. (FY2012)



Fig.3. Ocean monitoring on the coast of Ibaraki Pref. (FY2012)