

Measured object	Sampling		Measurement		Measured value ^{Note 1}			Comparative area	Remarks	Usual range of fluctuation ^{Note 1, Note 2}
	Sampling point	Frequency	Object	Frequency	Object	Min to Max	Unit	Min to Max		Min to Max
Seawater	Inside the port area of Mutsu-Ogawara Port Near the north boundary of the port area of Mutsu-Ogawara Port Near the south boundary of the port area of Mutsu-Ogawara Port	Once/3 months	³ H	Once/3 months	³ H	ND	mBq/L		- Sampling date: January 16, 2008	ND
			⁹⁰ Sr		⁹⁰ Sr	ND				ND - 3
			γ nuclide		⁶⁰ Co	ND				ND
					¹⁰⁶ Ru	ND				ND
					¹³⁴ Cs	ND				ND
					¹³⁷ Cs	ND				ND
					¹⁴⁴ Ce	ND				ND
					¹⁵⁴ Eu	ND				ND
Pu(α) ^{Note 3}	Pu(α) ^{Note 3}	ND	ND							
Sea-bottom soil	Near discharge outlet: 1 point About 1 km east: 1 point About 1 km west: 1 point About 0.62mi south: 1 point About 0.62mi north: 1 point About 3 km south: 1 point About 3 km north: 1 point Monomizaki-Oki: 1 point	Once/6 months	⁹⁰ Sr	Once/6 months	⁹⁰ Sr		Bq/kg dry		- Reported in 1st quarter. - Reported in 3rd quarter.	ND
			γ nuclide		⁶⁰ Co					ND
					¹³⁴ Cs					ND
					¹³⁷ Cs					ND
					¹⁴⁴ Ce					ND
					¹⁵⁴ Eu					ND
					Pu(α) ^{Note 3}	Pu(α) ^{Note 3}				
			²⁴¹ Am		²⁴¹ Am					ND - 0.30
²⁴⁴ Cm	²⁴⁴ Cm		ND							
Marine product	Fish	Once/3 months	³ H	Once/3 months	³ H	ND	Bq/L		- Sampling date: January 18, 2008 Object: flatfish	ND
			¹⁰⁶ Ru		¹⁰⁶ Ru	ND				ND
			Pu(α) ^{Note 3}		Pu(α) ^{Note 3}	ND				ND
	Shellfish	Once/3 months	Once/3 months	¹⁰⁶ Ru	¹⁰⁶ Ru	ND	Bq/kg raw		- Sampling date: February 12, 2008 Object: common mussel	ND
				Pu(α) ^{Note 3}	Pu(α) ^{Note 3}	ND				ND - 0.007
	Seaweed	Once/3 months	Once/3 months	¹⁰⁶ Ru	¹⁰⁶ Ru	ND	Bq/kg raw		- Sampling date: January 31, 2008 Object: Alaria crassifolia	ND
Pu(α) ^{Note 3}	Pu(α) ^{Note 3}	0.004	ND - 0.012							
Fishing net	Rokkasho Village Front sea area: 1 point	Once/3 months	Surface dose rate	Once/3 months	γ radiation	ND	nGy/h		- Installation period: from December 12, 2007 to March 25, 2008	ND
			Absorbed dose rate		β radiation	ND				nGy/h

Note 1) ND: indicates below the determination limit.

Note 2) The "Usual range of fluctuation" is the minimum to the maximum of the past measured values (from 3rd quarter of FY 1998 to FY 2006), excluding the fluctuation caused by normal operation of the reprocessing facility.

Items measured for periods

Note 3) Pu(α) : indicates the sum of ²³⁸Pu and ²³⁹⁺²⁴⁰Pu.

Measured object	Sampling		Measurement		Measured value ^{Note 1}			Comparative area	Remarks	Usual range of fluctuation ^{Note 1, Note 2}	
	Sampling point	Frequency	Object	Frequency	Object	Min to Max	Unit	Min to Max		Min to Max	
Air radiation	Dose rate	Inside the site: 9 points	Continuously	γ radiation	Continuously	Monitoring post	9 - 41 ^{Note 3}	nGy/h		7 - 81 ^{Note 3}	
		Outside the site: 3 points				Monitoring station	12 - 46 ^{Note 3}			7 - 93 ^{Note 3}	
Air radiation	Cumulative dose	Inside the site: 1 point	Continuously	γ radiation	Once/week	γ radiation	7.6 - 10.2	μSv/7 days	75	- Installation period: from January 4 to March 31, 2008	6.2 - 12.9
		Inside the site: 9 points, Outside the site: 14 points				Once/3 months	γ radiation			73 - 91	μGy/91 days
Air	Air-borne dust	Inside the site: 9 points	Continuously	Total α radioactivity	Continuously	Total α radioactivity	8.9 ^{Note 3}	Bq/m ³		The maximum value in the quarter	16 ^{Note 3}
		Outside the site: 3 points		Total β radioactivity		Total β radioactivity	5.9 ^{Note 3}			8.7 ^{Note 3}	
				Total α radioactivity		Total α radioactivity	* ~ 0.12			* ~ 0.37	
	Inside the site: 9 points, Outside the site: 3 points	Continuously	Total β radioactivity	Once/week	Total β radioactivity	0.31 - 0.85		mBq/m ³		- Sampling period: from December 31, 2007 to March 31, 2008 Measured values with three times as large as the counting error or lower were regarded as below the detection limit and represented by "".	* ~ 1.2
			¹⁰⁶ Ru		¹⁰⁶ Ru	ND	ND			mBq/m ³	- Sampling period: inside the site: from January 1 to April 1, 2008 outside the site: from December 31, 2007 to March 31, 2008
		Pu(α) ^{Note 4}	Pu(α) ^{Note 4}	ND	ND	ND					
	Gaseous beta radioactivity concentration	Outside the site: 3 points	Continuously	⁸⁵ Kr	Continuously	⁸⁵ Kr	ND ^{Note 3}	kBq/m ³		ND ^{Note 3}	
Iodine	Outside the site: 3 points	Continuously	¹³¹ I	Once/week	¹³¹ I	ND	mBq/m ³		- Sampling period: from January 4 to March 31, 2008	ND	
Moisture in air	Outside the site: 3 points	Continuously	³ H	Once/month	³ H	ND	mBq/m ³		- Sampling period: from December 27, 2007 to March 31, 2008	ND	
Drinking water	Outside the site: 4 points	Once/3 months	³ H	Once/3 months	³ H	ND	Bq/L			ND	
			⁹⁰ Sr		⁹⁰ Sr	ND				ND	
			¹⁰⁶ Ru		¹⁰⁶ Ru	ND				ND	
			¹³⁷ Cs		¹³⁷ Cs	ND				ND	
			Pu(α) ^{Note 4}		Pu(α) ^{Note 4}	ND				ND	
Land soil	Surface soil	Inside the site: 1 point, Outside the site: 3 points	Once/year	Once/year	⁹⁰ Sr	⁹⁰ Sr		Bq/kg dry		1.5 - 9.4	
					¹⁰⁶ Ru	¹⁰⁶ Ru				ND	
					¹²⁹ I	¹²⁹ I				ND	
					¹³⁷ Cs	¹³⁷ Cs				8 - 7	
	Lake-bottom soil	Outside the site: 1 point	Once/year	Once/year	Pu(α) ^{Note 4}	Pu(α) ^{Note 4}		Bq/kg dry		0.23 - 0.91	
					²⁴¹ Am	²⁴¹ Am				0.09 - 0.33	
					²⁴⁴ Cm	²⁴⁴ Cm				ND	
Polished rice	Outside the site: 3 points	Once/year	Once/year	¹⁴ C	¹⁴ C		Bq/g/carbon		0.23 - 0.25		
				¹⁰⁶ Ru	¹⁰⁶ Ru		Bq/kg raw		ND		
				Pu(α) ^{Note 4}	Pu(α) ^{Note 4}		Bq/kg raw		ND		
Root vegetable	Outside the site: 2 points	Once/year	Once/year	¹⁰⁶ Ru	¹⁰⁶ Ru		Bq/kg raw		ND		
				Pu(α) ^{Note 4}	Pu(α) ^{Note 4}		Bq/kg raw		ND		
				¹⁰⁶ Ru	¹⁰⁶ Ru		Bq/kg raw		ND		
Leaf vegetable	Outside the site: 1 point	Once/year	Once/year	Pu(α) ^{Note 4}	Pu(α) ^{Note 4}		Bq/kg raw		ND		
				¹³⁷ Cs	¹³⁷ Cs		Bq/kg raw		ND		
Farm product	Milk	Outside the site: 4 points	Once/3 months	¹⁰⁶ Ru	Once/3 months	¹⁰⁶ Ru	ND	Bq/L		- Sampling date: January 8, 2008	ND

Note 1) ND: indicates below the determination limit.

Note 2) The "Usual range of fluctuation" is the minimum to the maximum of the past measured values (from 3rd quarter of FY 1998 to FY 2006), excluding the fluctuation caused by normal operation of the reprocessing facility. Items measured for periods

Note 3) Indicates 1 hour average values.

Note 4) Pu(α): indicates the sum of ²³⁸Pu and ²³⁹⁺²⁴⁰Pu.