FY2024 Fukushima Prefecture Survey Results

[Outline of results]

(1) Water

Rivers

Radioactive cesium (Cs-134, Cs-137): ND at all measurement points

Lakes and reservoirs

Cs-134: ND at all measurement points

Cs-137: ND – 4.2 Bq/L

Coastal areas

Radioactive cesium (Cs-134, Cs-137): ND at all measurement points

(2) Sediments

Rivers

Cs-134: ND - 160 Bq/kg (dry)

Cs-137: ND – 11,000 Bq/kg (dry)

Lakes and reservoirs

Cs-134: ND - 920 Bq/kg (dry)

Cs-137: ND – 66,000 Bq/kg (dry)

Coastal areas

Cs-134: ND at all measurement points

Cs-137: 1.1 - 290 Bq/kg (dry)

(3) Surrounding Environment

(a) Soil

Rivers

Cs-134: ND – 1,000 Bq/kg (dry)

Cs-137: ND – 69,000 Bq/kg (dry)

Lakes and reservoirs

Cs-134: ND – 2,400 Bq/kg (dry)

Cs-137:13– 160,000 Bq/kg (dry)

(b) Ambient dose rate

Rivers

0.04 – 1.16 μSv/h

Lakes and reservoirs

0.03 – 5.83 μSv/h

Fukushima River(Water_Hamadori) 1/7

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
									General items								Activity concentration(Bq/L)		
																	Radioactive cesium		
	No.	Water Area	Location	Municipality					Water temperature (℃)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Rivers	1	Jizogawa River	Hamahata Bridge	Shinchi Town	2024/5/1	Cloudy	15.4	0.3	18.3	0.0	Grayish yellow green	None	46	2,670	12	10	< 0.75	< 0.72	
					2024/6/5	Sunny	18.0	0.3	20.3	0.0	Grayish yellow green	None	45	1,080	25	14	< 0.84	< 0.59	
					2024/8/15	Cloudy	29.9	0.5	30.0	0.0	Grayish yellow green	None	63	3,950	2	0.9	< 0.60	< 0.61	
					2024/10/8	Cloudy	17.0	0.5	19.9	0.0	Light grayish yellow green	None	28	1,410	25	9.9	< 0.60	< 0.56	
					2024/11/6	Sunny	12.2	0.3	19.5	0.0	Grayish yellow green	None	72	4,240	9	2.4	< 0.71	< 0.58	
					2024/12/18	Sunny	7.0	0.3	13.0	0.0	Light grayish yellow green	None	>100	4,720	9	0.8	< 0.65	< 0.68	
	2	Koizumi River	Koizumi Bridge	Soma City	2024/5/1	Cloudy	17.7	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					2024/6/5	Sunny	26.0	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					2024/8/17	Sunny	33.9	0.4	29.0	0.0	Light grayish yellow	None	19	16.6	47	5.5	< 0.59	< 0.78	
					2024/10/8	Cloudy	16.0	0.3	18.7	0.0	Light grayish yellow	None	36	18.6	21	8.2	< 0.64	< 0.66	
					2024/11/6	Sunny	11.3	0.2	19.1	0.0	Light grayish yellow	None	31	20.5	27	14	< 0.81	< 0.96	
					2024/12/18	Sunny	7.6	0.1	11.8	0.0	Light grayish yellow	None	86	26.5	5	2.1	< 0.65	< 0.82	
	3		Hyakken Bridge		2024/5/1	Cloudy	19.1	0.1	18.5	0.0	Grayish yellow green	None	25	710	19	12	< 0.87	< 0.68	
					2024/6/24	Cloudy	21.5	0.3	23.6	0.0	Grayish yellow green	None	22	2,300	10	8.6	< 0.39	< 0.70	
					2024/8/17	Sunny	31.9	0.7	29.3	0.0	Grayish yellow green	None	7	43.5	70	36	< 0.78	< 0.73	
					2024/10/8	Cloudy	18.5	0.6	19.8	0.0	Grayish yellow green	None	26	360	15	13	< 0.71	< 0.78	
					2024/11/6	Sunny	12.3	0.7	16.3	0.0	Grayish greenish yellow	None	44	2,160	7	4.4	< 0.69	< 0.58	
					2024/12/18	Sunny	7.1	0.5	7.7	0.0	Grayish yellow green	None	74	3,780	8	2.6	< 0.69	< 0.85	
	4	Uda River	Horisaka Bridge		2024/5/1	Sunny	15.4	0.2	16.5	0.0	Light grayish yellow	None	>100	9.0	3	2.6	< 0.52	< 0.58	
					2024/6/17	Sunny	27.1	0.2	21.7	0.0	Light grayish yellow	None	>100	10.2	<1	0.9	< 0.68	< 0.62	
					2024/8/15	Cloudy	29.9	0.2	26.5	0.0	Light grayish yellow	None	>100	11.0	4	1.2	< 0.61	< 0.69	
					2024/10/8	Cloudy	17.3	0.3	18.2	0.0	Light grayish yellow	None	>100	9.3	3	1.7	< 0.80	< 0.73	
					2024/11/6	Light Rain	10.3	0.4	16.3	0.0	Light grayish yellow	None	>100	11.8	<1	0.9	< 0.60	< 0.50	
					2024/12/18	Sunny	8.2	0.3	8.1	0.0	Light grayish yellow	None	>100	9.8	<1	0.4	< 0.72	< 0.76	
	5		Hyakken Bridge		2024/5/1	Cloudy	16.8	0.5	17.9	0.0	Grayish yellow green	None	32	1,280	13	7.3	< 0.90	< 0.79	
					2024/6/24	Cloudy	21.8	0.5	23.4	0.0	Grayish yellow green	None	40	2,850	3	2.8	< 0.87	< 0.75	
					2024/8/29	Cloudy	29.4	0.6	26.7	0.0	Light grayish yellow green	None	36	2,110	7	3.1	< 0.88	< 0.64	
					2024/10/8	Cloudy	16.5	0.8	18.6	0.0	Grayish yellow green	None	37	146	10	10	< 0.58	< 0.73	
					2024/11/6	Sunny	12.0	0.8	16.0	0.0	Grayish yellow green	None	>100	135	<1	1.2	< 0.91	< 0.66	
					2024/12/18	Sunny	7.0	0.9	8.1	0.0	Grayish yellow green	None	94	2,270	2	1.4	< 0.45	< 0.79	
	6	Mano River	Ochiai Bridge	Minamisoma City	2024/5/2	Sunny	17.8	0.4	17.7	0.0	Grayish yellow	None	14	12.2	18	21	< 0.63	< 0.57	
					2024/6/24	Cloudy	23.6	0.2	21.0	0.0	Light grayish yellow	None	62	15.1	3	2.1	< 0.79	< 0.82	
					2024/8/29	Cloudy	28.2	0.4	21.7	0.0	Light grayish yellow	None	96	17.3	2	1.0	< 0.63	< 0.58	
					2024/10/29	Sunny	17.1	0.3	16.5	0.0	Light grayish yellow	None	>100	15.2	<1	1.1	< 0.70	< 0.73	
					2024/11/13	Sunny	16.6	0.4	15.7	0.0	Light grayish yellow	None	>100	15.1	<1	1.6	< 0.66	< 0.78	
					2024/12/18	Sunny	6.6	0.2	11.9	0.0	Light grayish yellow	None	>100	17.0	2	0.7	< 0.72	< 0.76	
	7		Majima Bridge		2024/5/2	Sunny	18.8	1.9	18.4	0.0	Dark grayish yellow green	None	31	2,690	9	7.0	< 0.74	< 0.81	
					2024/6/25	Cloudy	24.6	1.6	23.2	0.0	Grayish yellow green	None	63	3,280	2	2.5	< 0.48	< 0.54	
					2024/8/29	Cloudy	29.2	0.7	25.5	0.0	Grayish yellow green	None	84	2,470	3	1.8	< 0.76	< 0.53	
					2024/10/29	Sunny	18.0	0.5	18.7	0.0	Dark grayish yellow green	None	>100	2,990	4	3.1	< 0.90	< 0.89	
					2024/11/13	Sunny	15.3	1.8	15.6	0.0	Grayish yellow green	None	74	2,480	2	1.8	< 0.87	< 0.77	
					2024/12/19	Sunny	5.5	0.8	11.1	0.0	Grayish yellow green	None	77	3,950	4	1.3	< 0.79	< 0.85	
	8	Niida River	Kusano	Iitate Village	2024/5/1	Cloudy	14.0	0.3	15.5	0.0	Light grayish yellow	None	>100	6.3	5	2.0	< 0.82	< 0.88	
					2024/6/6	Sunny	21.9	0.2	20.6	0.0	Light grayish yellow	None	64	7.7	5	3.4	< 0.81	< 0.77	
					2024/8/15	Sunny	30.5	0.3	23.8	0.0	Grayish yellow	None	19	9.1	42	12	< 0.68	< 0.64	
					2024/10/8	Light Rain	15.5	0.4	17.6	0.0	Light grayish yellow	None	35	7.9	16	6.9	< 0.75	< 0.57	
					2024/11/14	Sunny	16.1	0.2	11.2	0.0	Light grayish yellow	None	90	7.9	2	1.8	< 0.54	< 0.76	
					2024/12/11	Cloudy	3.6	0.2	5.4	0.0	Light grayish greenish yellow	None	>100	7.3	<1	1.2	< 0.75	< 0.74	

Fukushima River(Water_Hamadori) 2/7

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
									General items								Activity concentration(Bq/L)		
																	Radioactive cesium		
	No.	Water Area	Location	Municipality					Water temperature (℃)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Rivers	9	Niida River	Komiya	Iitate Village	2024/5/2	Sunny	19.6	0.4	17.8	0.0	Light grayish yellow green	None	>100	7.6	3	2.0	< 0.84	< 0.84	
					2024/6/6	Sunny	22.6	0.3	19.8	0.0	Light grayish greenish yellow	None	62	7.7	5	2.7	< 0.70	< 0.70	
					2024/8/15	Sunny	32.5	0.5	24.1	0.0	Grayish greenish yellow	None	26	8.4	19	6.4	< 0.66	< 0.56	
					2024/10/29	Sunny	13.1	0.3	13.0	0.0	Light grayish greenish yellow	None	>100	9.8	<1	1.1	< 0.77	< 0.78	
					2024/11/14	Sunny	19.1	0.3	11.0	0.0	Light grayish yellow green	None	81	8.1	3	2.3	< 0.71	< 0.75	
					2024/12/11	Cloudy	3.8	0.5	5.7	0.0	Light grayish greenish yellow	None	34	7.3	7	3.9	< 0.80	< 0.73	
	10		Kidouchi Bridge	Minamisoma City	2024/5/2	Sunny	20.9	0.1	15.9	0.0	Light grayish reddish yellow	None	>100	7.4	<1	1.5	< 0.81	< 0.76	
					2024/6/24	Cloudy	30.2	0.3	23.5	0.0	Light grayish yellow	None	57	8.4	4	2.6	< 0.68	< 0.76	
					2024/8/29	Cloudy	26.0	0.3	22.5	0.0	Light grayish yellow green	None	>100	13.9	3	1.2	< 0.68	< 0.77	
					2024/10/29	Sunny	16.9	0.2	13.1	0.0	Light grayish reddish yellow	None	>100	8.4	2	1.4	< 0.75	< 0.71	
					2024/11/13	Sunny	16.5	0.4	12.1	0.0	Light grayish greenish yellow	None	51	7.8	4	4.9	< 0.95	< 0.91	
					2024/12/18	Sunny	5.6	0.3	7.0	0.0	Light grayish yellow	None	94	11.5	3	2.4	< 0.68	< 0.59	
	11		Sakekawa Bridge		2024/5/2	Sunny	17.2	2.1	20.1	0.0	Grayish yellow	None	11	149	17	18	< 0.86	< 0.88	
					2024/6/25	Cloudy	28.3	1.0	24.3	0.0	Grayish yellow green	None	43	336	17	6.0	< 0.54	< 0.61	
					2024/8/16	Sunny	28.1	2.0	27.3	0.0	Grayish yellow green	None	27	11.5	13	4.0	< 0.94	< 0.77	
					2024/10/10	Light Rain	15.0	1.7	16.3	0.0	Light grayish yellow green	None	36	8.8	16	7.3	< 0.69	< 0.58	
					2024/11/13	Sunny	15.8	1.2	13.4	0.0	Grayish yellow	None	34	68.8	7	7.9	< 0.84	< 0.76	
					2024/12/19	Sunny	6.5	0.4	7.0	0.0	Grayish yellow green	None	>100	135	4	1.3	< 0.72	< 0.85	
	12		Ishiwatado Bridge		2024/5/1	Cloudy	16.4	0.3	12.1	0.0	Light grayish yellow green	None	>100	5.1	<1	0.6	< 0.91	< 0.84	
					2024/6/25	Sunny	30.0	0.3	21.0	0.0	Light grayish greenish yellow	None	>100	5.4	<1	0.7	< 0.90	< 0.79	
					2024/8/16	Cloudy	28.5	0.3	26.3	0.0	Light grayish yellow green	None	>100	7.2	2	0.5	< 0.67	< 0.93	
					2024/10/10	Cloudy	16.5	0.3	18.3	0.0	Light grayish yellow green	None	>100	7.3	<1	1.1	< 0.70	< 0.84	
					2024/11/13	Sunny	16.9	0.2	14.4	0.0	Light grayish yellow	None	>100	7.0	<1	0.5	< 0.86	< 0.72	
					2024/12/13	Cloudy	8.1	0.3	8.6	0.0	Grayish yellow green	None	>100	6.8	<1	0.5	< 0.85	< 0.68	
	13		Yagawara Bridge		2024/5/1	Cloudy	16.8	0.5	13.6	0.0	Light grayish yellow green	None	>100	5.4	<1	0.7	< 0.75	< 0.64	
					2024/6/25	Sunny	28.1	0.8	23.7	0.0	Light grayish greenish yellow	None	>100	6.0	<1	1.3	< 0.70	< 0.60	
					2024/8/16	Cloudy	29.8	0.4	26.9	0.0	Light grayish yellow green	None	>100	7.8	2	0.6	< 0.83	< 0.65	
					2024/10/10	Cloudy	16.0	0.2	17.6	0.0	Light grayish yellow green	None	>100	8.8	2	1.2	< 0.56	< 0.54	
					2024/11/13	Sunny	14.9	0.6	14.1	0.0	Light grayish yellow green	None	>100	8.3	<1	0.5	< 0.87	< 0.82	
					2024/12/19	Sunny	5.2	0.2	5.4	0.0	Light grayish yellow green	None	>100	8.1	<1	0.2	< 0.70	< 0.54	
	14	Ota River	Masuda Bridge		2024/5/1	Cloudy	16.2	0.5	15.8	0.0	Light grayish yellow	None	84	7.3	2	1.7	< 0.84	< 0.62	
					2024/6/25	Cloudy	26.7	0.5	23.4	0.0	Light grayish greenish yellow	None	78	7.9	3	2.1	< 0.72	< 0.82	
					2024/8/16	Cloudy	28.6	0.6	25.6	0.0	Light grayish yellow green	None	81	9.9	8	1.2	< 0.57	< 0.77	
					2024/10/10	Light Rain	16.0	0.5	17.8	0.0	Light grayish yellow green	None	46	13.9	9	5.4	< 0.61	< 0.82	
					2024/11/13	Sunny	15.5	0.5	15.4	0.0	Light grayish yellow green	None	95	11.1	2	1.3	< 0.70	< 0.62	
					2024/12/19	Sunny	6.3	0.3	8.9	0.0	Light grayish yellow green	None	>100	10.6	<1	0.3	< 0.79	< 0.76	
	15		JR Tetsudo Bridge		2024/5/1	Cloudy	15.8	0.4	15.9	0.0	Light grayish yellow	None	96	6.3	2	1.3	< 0.66	< 0.75	
					2024/6/25	Cloudy	29.8	0.2	23.5	0.0	Light grayish yellow	None	96	7.8	3	2.0	< 0.68	< 0.70	
					2024/8/16	Light Rain	24.8	0.2	24.5	0.0	Light grayish yellow	None	85	11.4	3	1.7	< 0.81	< 0.59	
					2024/10/10	Cloudy	16.0	0.4	17.5	0.0	Light grayish yellow	None	86	12.6	4	4.3	< 0.68	< 0.88	
					2024/11/13	Sunny	13.1	0.1	13.5	0.0	Light grayish yellow	None	84	13.5	5	1.8	< 0.68	< 0.77	
					2024/12/19	Sunny	6.3	0.2	5.8	0.0	Light grayish yellow	None	>100	13.0	<1	0.3	< 0.94	< 0.59	
	16		Maruyama Bridge		2024/5/1	Cloudy	15.2	0.2	17.2	0.0	Light grayish yellow	None	28	54.2	15	10	< 0.65	< 0.77	
					2024/6/25	Cloudy	31.2	0.2	26.2	0.0	Light grayish yellow	None	34	691	9	4.3	< 0.75	< 0.62	
					2024/8/15	Sunny	30.2	0.3	29.4	0.0	Light grayish yellow	None	85	4,180	13	2.2	< 0.75	< 0.64	
					2024/10/29	Sunny	18.1	0.3	17.9	0.0	Light grayish yellow	None	65	1,990	23	5.6	< 0.60	< 0.61	
					2024/11/13	Sunny	18.8	0.2	18.8	0.0	Light grayish greenish yellow	None	58	4,530	13	5.1	< 0.74	< 0.81	
					2024/12/19	Sunny	4.5	0.3	13.0	0.0	Light grayish yellow	None	>100	3,980	13	0.8	< 0.76	< 0.64	

Fukushima River(Water_Hamadori) 3/7

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
									General items								Activity concentration(Bq/L)		
																	Radioactive cesium		
	No.	Water Area	Location	Municipality					Water temperature (℃)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Rivers	17	Odaka River	Shimokawara Bridge	Minamisoma City	2024/5/2	Sunny	20.6	0.3	20.7	0.0	Light grayish yellow green	None	>100	8.1	2	1.5	< 0.75	< 0.78	
					2024/6/25	Cloudy	30.6	0.2	24.4	0.0	Light grayish yellow	None	96	8.6	2	1.5	< 0.82	< 0.72	
					2024/8/15	Sunny	31.1	0.2	29.6	0.0	Light grayish yellow	None	>100	9.2	4	1.2	< 0.78	< 0.81	
					2024/10/8	Cloudy	18.0	0.2	18.8	0.0	Light grayish yellow	None	45	11.1	11	12	< 0.54	< 0.73	
					2024/11/13	Sunny	19.9	0.3	16.8	0.0	Light grayish yellow	None	>100	12.3	2	1.4	< 0.81	< 0.85	
					2024/12/19	Sunny	1.6	0.3	7.1	0.0	Light grayish yellow	None	>100	14.8	<1	0.3	< 0.82	< 0.76	
	18		Zencho Bridge		2024/5/1	Cloudy	15.7	0.6	17.8	0.0	Light grayish yellow	None	33	10.3	9	6.5	< 0.81	< 0.89	
					2024/6/25	Sunny	31.6	1.2	25.5	0.0	Light grayish yellow green	None	86	11.1	4	4.1	< 0.48	< 0.54	
					2024/8/15	Sunny	31.9	0.2	30.8	0.0	Light grayish yellow	None	70	11.6	6	3.5	< 0.80	< 0.66	
					2024/10/29	Sunny	18.2	0.2	17.9	0.0	Light grayish yellow	None	>100	16.7	5	3.2	< 0.80	< 0.73	
					2024/11/13	Sunny	18.1	0.3	16.5	0.0	Light grayish yellow	None	52	17.1	3	2.9	< 0.79	< 0.58	
					2024/12/19	Sunny	2.3	0.9	5.7	0.0	Grayish greenish yellow	None	23	19.4	17	12	< 0.76	< 0.72	
	19		Hatsukara Bridge		2024/5/1	Cloudy	15.5	0.3	19.1	0.0	Grayish yellow	None	22	430	14	10	< 0.79	< 0.83	
					2024/6/25	Cloudy	28.4	0.4	24.6	0.0	Light grayish greenish yellow	None	20	3,220	9	3.2	< 0.70	< 0.61	
					2024/8/15	Sunny	29.2	0.4	28.5	0.0	Light grayish greenish yellow	None	75	4,900	11	2.1	< 0.93	< 0.64	
					2024/10/29	Sunny	18.2	0.4	19.0	0.0	Light grayish greenish yellow	None	60	4,290	22	9.5	< 0.60	< 0.63	
					2024/11/13	Sunny	17.1	0.6	18.3	0.0	Grayish yellow green	None	48	5,380	14	4.0	< 0.63	< 0.75	
					2024/12/20	Sunny	0.8	0.6	12.6	0.0	Light grayish yellow green	None	>100	4,650	3	0.3	< 0.85	< 0.68	
	20	Ukedo River	Murohara Bridge	Namie Town	2024/5/16	Cloudy	18.2	0.2	13.8	0.0	Light grayish yellow green	None	>100	5.8	<1	0.7	< 0.75	< 0.65	
					2024/6/19	Sunny	28.2	0.1	23.2	0.0	Light grayish yellow	None	>100	6.2	<1	0.5	< 0.75	< 0.67	
					2024/7/8	Cloudy	28.3	0.3	18.1	0.0	Light grayish yellow green	None	>100	6.4	<1	0.2	< 0.90	< 0.72	
					2024/8/15	Sunny	29.5	0.2	27.2	0.0	Light grayish yellow green	None	>100	7.2	<1	0.7	< 0.55	< 0.58	
					2024/9/24	Sunny	24.8	0.3	20.4	0.0	Light grayish yellow	None	>100	7.5	3	2.3	< 0.54	< 0.77	
					2024/10/8	Cloudy	17.9	0.2	18.3	0.0	Light grayish yellow green	None	>100	5.9	2	1.2	< 0.90	< 0.64	
					2024/11/1	Sunny	18.2	0.3	16.0	0.0	Light grayish yellow	None	>100	6.5	<1	1.8	< 0.82	< 0.81	
					2024/12/20	Sunny	10.0	0.4	5.7	0.0	Light grayish yellow green	None	>100	6.1	<1	0.4	< 0.82	< 0.59	
					2025/1/8	Sunny	4.0	0.3	4.5	0.0	Light grayish yellow green	None	>100	6.6	<1	0.5	< 0.75	< 0.78	
					2025/2/7	Sunny	2.1	0.3	4.5	0.0	Light grayish yellow green	None	>100	7.3	<1	2.2	< 0.58	< 0.79	
	21		Ukedo Bridge		2024/5/17	Sunny	22.6	0.3	19.7	0.0	Light grayish yellow	None	36	7.9	10	4.4	< 0.35	< 0.70	
					2024/6/26	Sunny	25.6	0.3	22.7	0.0	Light grayish greenish yellow	None	68	16.7	4	2.6	< 0.97	< 0.69	
					2024/7/8	Cloudy	29.6	0.7	24.3	0.0	Light grayish yellow	None	55	9.5	3	1.3	< 0.56	< 0.58	
					2024/8/16	Sunny	29.8	0.3	28.6	0.0	Dark grayish greenish yellow	None	20	12.0	54	12	< 0.63	< 0.52	
					2024/9/24	Cloudy	26.3	0.3	20.9	0.0	Light grayish greenish yellow	None	>100	9.0	3	2.5	< 0.58	< 0.60	
					2024/10/8	Cloudy	19.3	0.3	18.5	0.0	Light grayish greenish yellow	None	60	8.0	10	6.5	< 0.64	< 0.58	
					2024/11/1	Sunny	19.2	0.4	16.8	0.0	Light grayish yellow	None	>100	8.5	2	1.8	< 0.79	< 0.58	
					2024/12/20	Sunny	4.0	0.4	3.8	0.0	Light grayish greenish yellow	None	>100	10.2	2	0.8	< 0.82	< 0.76	
					2025/1/8	Sunny	7.0	0.5	5.0	0.0	Light grayish greenish yellow	None	>100	8.5	5	2.1	< 0.78	< 0.88	
					2025/2/7	Sunny	2.3	0.2	5.7	0.0	Light grayish greenish yellow	None	>100	10.1	2	3.1	< 0.80	< 0.81	
	22	Furumichi River	Before the confluence with Takase River (Miyakoji-machi furumichishitadaira)	Tamura City	2024/5/21	Sunny	20.5	0.4	19.5	0.0	Light grayish yellow	None	39	7.9	6	4.3	< 0.72	< 0.70	
					2024/6/19	Sunny	25.5	0.4	23.4	0.0	Light grayish yellow	None	77	9.1	5	0.8	< 0.70	< 0.77	
					2024/8/15	Sunny	29.8	0.2	28.2	0.0	Light grayish yellow	None	65	7.8	10	2.6	< 0.95	< 0.82	
					2024/10/11	Sunny	13.0	0.4	13.4	0.0	Light grayish yellow	None	60	8.6	6	2.5	< 0.57	< 0.66	
					2024/11/23	Sunny	10.5	0.4	8.7	0.0	Light grayish yellow	None	>100	8.3	<1	0.7	< 0.81	< 0.81	
					2024/12/23	Sunny	1.9	0.5	4.0	0.0	Light grayish yellow green	None	>100	8.6	2	0.8	< 0.75	< 0.42	
	23	Takase River	Keio Bridge	Namie Town	2024/5/17	Sunny	25.3	0.3	19.2	0.0	Light grayish yellow green	None	59	6.8	3	2.3	< 0.78	< 0.75	
					2024/6/26	Cloudy	26.3	0.4	21.5	0.0	Light grayish yellow green	None	>100	7.5	2	1.1	< 0.73	< 0.47	
					2024/8/16	Sunny	28.1	0.3	24.2	0.0	Dark grayish yellow green	None	10	6.1	130	67	< 0.74	< 0.71	
					2024/10/10	Cloudy	18.0	0.5	17.0	0.0	Light grayish yellow green	None	46	6.4	11	4.5	< 0.79	< 0.75	
					2024/11/1	Sunny	20.8	0.3	16.9	0.0	Light grayish greenish yellow	None	82	7.7	3	1.9	< 0.75	< 0.89	
					2024/12/20	Sunny	9.5	0.3	5.5	0.0	Light grayish yellow green	None	>100	6.9	<1	0.3	< 0.88	< 0.72	

Fukushima River(Water_Hamadori) 4/7

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
									General items								Activity concentration(Bq/L)		
																	Radioactive cesium		
	No.	Water Area	Location	Municipality					Water temperature (℃)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Rivers	24	Maeda River	National Route 6, west	Futaba Town	2024/5/9	Cloudy	19.4	0.2	16.4	0.0	Light grayish yellow	None	85	12.6	9	4.4	< 0.73	< 0.69	
					2024/6/26	Cloudy	26.8	0.2	23.5	0.0	Light grayish greenish yellow	None	23	12.5	14	6.6	< 0.75	< 0.78	
					2024/8/16	Sunny	31.7	0.2	26.9	0.0	Light grayish yellow	None	60	10.9	11	3.5	< 0.57	< 0.88	
					2024/10/8	Cloudy	19.0	0.2	18.8	0.0	Grayish yellow	None	50	12.9	15	7.3	< 0.93	< 0.83	
					2024/11/1	Sunny	18.0	0.2	16.0	0.0	Light grayish yellow green	None	88	13.5	2	1.8	< 0.64	< 0.83	
					2024/12/20	Sunny	10.4	0.4	7.9	0.0	Light grayish yellow	None	>100	12.4	2	0.7	< 0.76	< 0.72	
	25		Nakahama Bridge	Namie Town	2024/5/9	Sunny	20.6	0.4	16.8	0.0	Light grayish greenish yellow	None	27	348	13	9.6	< 0.65	< 0.77	
					2024/6/26	Cloudy	27.4	0.4	24.4	0.0	Grayish yellow	None	28	840	4	2.8	< 0.71	< 0.85	
					2024/8/16	Sunny	30.4	0.4	28.4	0.0	Grayish yellow	None	55	90.5	11	2.8	< 0.77	< 0.81	
					2024/10/8	Cloudy	18.5	0.4	19.2	0.0	Grayish yellow	None	35	25.7	19	13	< 0.63	< 0.61	
					2024/11/1	Sunny	19.8	0.8	17.2	0.0	Grayish yellow	None	31	56.0	11	8.4	< 0.68	< 0.82	
					2024/12/20	Sunny	10.0	0.3	7.0	0.0	Grayish yellow	None	70	221	4	3.8	< 0.76	< 0.88	
	26	Kumagawa River	National Route 6, west	Okuma Town	2024/5/2	Cloudy	16.3	0.2	13.1	0.0	Light grayish yellow green	None	>100	9.4	<1	0.9	< 0.80	< 0.88	
					2024/6/17	Sunny	28.2	0.2	21.4	0.0	Light grayish yellow green	None	>100	8.5	<1	0.5	< 0.74	< 0.77	
					2024/8/17	Light Rain	26.1	0.2	22.9	0.0	Light grayish yellow green	None	50	10.7	14	1.5	< 0.72	< 0.96	
					2024/10/8	Cloudy	19.1	0.2	17.9	0.0	Light grayish yellow green	None	>100	9.0	5	2.5	< 0.79	< 0.76	
					2024/11/1	Sunny	19.1	0.3	16.4	0.0	Light grayish yellow	None	>100	9.5	<1	0.6	< 0.74	< 0.85	
					2024/12/23	Sunny	6.8	0.3	7.5	0.0	Light grayish yellow green	None	>100	11.5	<1	0.4	< 0.74	< 0.85	
	27		Mikuma Bridge		2024/5/2	Sunny	17.9	0.3	18.0	0.0	Light grayish yellow	None	>100	9.9	3	1.7	< 0.71	< 0.69	
					2024/6/20	Sunny	27.0	0.2	25.5	0.0	Light grayish yellow green	None	>100	9.8	3	1.5	< 0.85	< 0.88	
					2024/8/30	Light Rain	28.1	0.3	24.9	0.0	Light grayish yellow green	None	43	10.4	18	3.8	< 0.68	< 0.76	
					2024/10/18	Cloudy	19.8	0.3	19.2	0.0	Light grayish yellow green	None	>100	11.9	13	2.2	< 0.74	< 0.77	
					2024/11/23	Sunny	8.9	0.3	10.9	0.0	Light grayish yellow green	None	>100	10.4	<1	0.8	< 0.53	< 0.70	
					2024/12/16	Sunny	8.5	0.3	10.2	0.0	Light grayish yellow green	None	>100	13.3	<1	0.4	< 0.86	< 0.59	
	28	Tomioka River	Nabekura Bridge	Kawauchi Village	2024/5/17	Sunny	18.2	0.3	11.7	0.0	Light grayish yellow	None	>100	4.0	<1	0.5	< 0.63	< 0.54	
					2024/6/26	Cloudy	22.2	0.2	15.9	0.0	Light grayish greenish yellow	None	>100	4.4	<1	0.4	< 0.77	< 0.69	
					2024/8/17	Light Rain	24.3	0.2	20.9	0.0	Light grayish yellow	None	45	4.3	12	1.5	< 0.72	< 0.69	
					2024/10/11	Sunny	15.0	0.3	14.2	0.0	Light grayish yellow	None	>100	5.2	2	0.9	< 0.66	< 0.57	
					2024/11/1	Sunny	12.2	0.2	12.2	0.0	Light grayish yellow	None	>100	4.9	<1	0.5	< 0.79	< 0.58	
					2024/12/23	Sunny	3.5	0.3	4.0	0.0	Light grayish yellow green	None	>100	4.7	<1	0.1	< 0.83	< 0.81	
	29		Sakaigawa Bridge		2024/5/17	Sunny	20.4	0.4	14.3	0.0	Light grayish yellow green	None	>100	6.3	2	0.7	< 0.68	< 0.77	
					2024/6/26	Cloudy	24.7	0.2	15.6	0.0	Light grayish yellow	None	>100	6.6	<1	0.6	< 0.87	< 0.70	
					2024/8/16	Cloudy	28.0	0.2	18.9	0.0	Light grayish yellow green	None	>100	6.2	43	1.3	< 0.66	< 0.95	
					2024/10/11	Sunny	15.0	0.3	14.8	0.0	Light grayish yellow green	None	>100	7.9	4	0.8	< 0.72	< 0.98	
					2024/11/1	Sunny	13.6	0.2	13.2	0.0	Light grayish yellow	None	>100	7.5	2	0.8	< 0.89	< 0.76	
					2024/12/23	Sunny	6.2	0.2	6.7	0.0	Light grayish yellow green	None	>100	6.9	2	0.1	< 0.82	< 0.80	
	30		National Route 6, west	Tomioka Town	2024/5/2	Sunny	20.8	0.2	14.2	0.0	Light grayish yellow green	None	42	9.1	5	4.6	< 0.63	< 0.93	
					2024/6/26	Sunny	27.6	0.4	18.9	0.0	Light grayish greenish yellow	None	>100	9.6	2	1.0	< 0.56	< 0.72	
					2024/8/16	Cloudy	29.1	0.2	25.4	0.0	Light grayish yellow	None	>100	8.4	4	0.8	< 0.61	< 0.62	
					2024/10/11	Sunny	19.0	0.4	19.5	0.0	Light grayish yellow	None	>100	11.5	3	1.7	< 0.75	< 0.64	
					2024/11/1	Sunny	24.2	0.4	17.5	0.0	Light grayish greenish yellow	None	>100	10.8	<1	1.2	< 0.64	< 0.78	
					2024/12/23	Sunny	3.8	0.5	4.9	0.0	Light grayish yellow	None	>100	8.3	3	0.7	< 0.65	< 0.72	
	31		Kobama Bridge		2024/5/2	Sunny	19.3	0.5	16.7	0.0	Light grayish yellow	None	64	10.3	7	4.0	< 0.49	< 0.88	
					2024/6/26	Sunny	28.7	0.2	23.4	0.0	Light grayish greenish yellow	None	>100	10.6	<1	1.1	< 0.49	< 0.61	
					2024/8/16	Cloudy	31.7	0.3	24.7	0.0	Light grayish reddish yellow	None	>100	9.3	2	0.5	< 0.71	< 0.56	
					2024/10/11	Sunny	19.0	0.5	19.4	0.0	Light grayish yellow	None	>100	12.3	3	1.7	< 0.78	< 0.80	
					2024/11/1	Sunny	22.1	0.4	17.8	0.0	Light grayish yellow	None	>100	12.0	<1	1.1	< 0.72	< 0.61	
					2024/12/23	Sunny	4.0	0.4	6.9	0.0	Light grayish yellow	None	>100	9.6	2	0.4	< 0.69	< 0.75	

Fukushima River(Water_Hamadori) 5/7

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										
									General items								Activity concentration(Bq/L)		Remarks
																	Radioactive cesium		
	No.	Water Area	Location	Municipality					Water temperature (℃)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Rivers	32	Idegawa River	Motogama Bridge	Naraha Town	2024/5/22	Sunny	21.4	0.3	20.1	0.0	Light grayish yellow	None	70	9.4	3	2.4	< 0.58	< 0.70	
					2024/6/26	Sunny	28.7	0.1	21.8	0.0	Light grayish greenish yellow	None	>100	10.3	2	0.9	< 0.78	< 0.69	
					2024/8/16	Cloudy	29.1	0.1	23.9	0.0	Light grayish yellow	None	>100	9.2	5	0.8	< 0.82	< 0.82	
					2024/10/8	Light Rain	18.5	0.2	17.4	0.0	Light grayish yellow	None	>100	9.1	2	0.9	< 0.69	< 0.78	
					2024/11/15	Cloudy	18.6	0.2	15.8	0.0	Light grayish yellow	None	>100	10.1	<1	0.3	< 0.87	< 0.77	
					2024/12/24	Sunny	3.2	0.2	7.7	0.0	Light grayish yellow	None	>100	9.2	<1	0.1	< 0.86	< 0.95	
	33	Kawauchi River	Before the confluence with Kidogawa River (Futamatabashi Bridge)	Kawauchi Village	2024/5/17	Sunny	17.9	0.2	12.2	0.0	Light grayish yellow	None	>100	4.3	<1	0.7	< 0.71	< 0.94	
					2024/6/26	Cloudy	24.5	0.2	15.3	0.0	Light grayish yellow green	None	>100	4.6	<1	0.5	< 0.68	< 0.72	
					2024/8/16	Cloudy	27.9	0.2	19.0	0.0	Light grayish yellow	None	65	4.0	6	1.2	< 0.72	< 0.68	
					2024/10/11	Sunny	16.0	0.2	14.2	0.0	Light grayish yellow	None	>100	5.2	2	0.8	< 0.61	< 0.85	
					2024/11/1	Sunny	13.8	0.2	12.1	0.0	Light grayish yellow	None	>100	5.0	<1	0.6	< 0.61	< 0.75	
					2024/12/23	Sunny	3.0	0.2	5.9	0.0	Light grayish yellow	None	>100	4.5	<1	0.1	< 0.72	< 0.73	
	34	Kidogawa River	Nishiyama Bridge		2024/5/17	Sunny	15.3	0.5	14.6	0.0	Light grayish yellow green	None	40	5.6	9	3.4	< 0.84	< 0.80	
					2024/6/26	Cloudy	23.1	0.4	19.2	0.0	Light grayish greenish yellow	None	>100	6.1	<1	1.0	< 0.61	< 0.60	
					2024/8/16	Light Rain	27.6	0.5	23.5	0.0	Light grayish yellow green	None	65	5.9	13	1.3	< 0.61	< 0.62	
					2024/10/11	Sunny	16.0	0.5	14.8	0.0	Light grayish yellow green	None	>100	5.5	4	2.1	< 0.88	< 0.81	
					2024/11/1	Sunny	11.5	0.6	10.9	0.0	Light grayish yellow	None	>100	5.6	2	1.5	< 0.81	< 0.72	
					2024/12/23	Sunny	1.8	0.6	3.9	0.0	Light grayish yellow green	None	>100	5.5	<1	0.3	< 0.91	< 0.89	
	35		Nagatoro Bridge	Naraha Town	2024/5/22	Sunny	22.9	0.4	19.5	0.0	Light grayish yellow green	None	55	5.1	4	2.5	< 0.75	< 0.75	
					2024/6/21	Cloudy	24.5	0.2	21.3	0.0	Light grayish yellow green	None	86	5.7	2	0.7	< 0.72	< 0.95	
					2024/8/16	Cloudy	28.0	0.2	25.4	0.0	Light grayish yellow green	None	>100	5.9	2	0.7	< 0.83	< 0.85	
					2024/10/28	Cloudy	18.0	0.2	15.8	0.0	Light grayish yellow green	None	>100	6.0	<1	0.9	< 0.57	< 0.67	
					2024/11/15	Cloudy	14.6	0.2	12.9	0.0	Light grayish yellow green	None	>100	5.9	<1	0.7	< 0.72	< 0.84	
					2024/12/24	Sunny	8.0	0.3	12.5	0.0	Light grayish yellow green	None	>100	8.5	<1	0.2	< 0.78	< 0.81	
	36		Kidokawa Bridge		2024/5/22	Sunny	21.8	0.2	20.0	0.0	Light grayish yellow green	None	46	5.4	6	1.8	< 0.72	< 0.76	
					2024/6/21	Cloudy	23.7	0.3	21.7	0.0	Light grayish yellow green	None	81	5.8	3	1.0	< 0.70	< 0.59	
					2024/8/16	Light Rain	27.8	0.2	24.9	0.0	Light grayish yellow green	None	60	5.9	4	0.7	< 0.78	< 0.64	
					2024/10/28	Cloudy	17.8	0.3	15.9	0.0	Light grayish yellow green	None	>100	5.8	<1	1.2	< 0.77	< 0.88	
					2024/11/15	Cloudy	17.5	0.2	14.0	0.0	Light grayish yellow green	None	>100	6.1	<1	0.8	< 0.75	< 0.93	
					2024/12/24	Sunny	7.1	0.3	4.8	0.0	Light grayish yellow green	None	>100	5.9	3	0.4	< 0.69	< 0.88	
	37	Asami River	Boda Bridge	Hirono Town	2024/5/23	Sunny	23.6	0.4	17.7	0.0	Light grayish yellow green	None	>100	7.8	2	0.8	< 0.90	< 0.64	
					2024/6/29	Sunny	26.6	0.3	23.0	0.0	Light grayish yellow	None	>100	9.2	2	1.0	< 0.77	< 0.59	
					2024/8/15	Sunny	32.0	0.3	30.9	0.0	Light grayish yellow	None	50	9.2	3	0.6	< 0.57	< 0.66	
					2024/10/28	Cloudy	18.1	0.2	16.9	0.0	Light grayish yellow	None	>100	8.8	<1	0.6	< 0.80	< 0.84	
					2024/11/15	Cloudy	19.8	0.2	16.3	0.0	Light grayish yellow	None	>100	10.0	<1	0.6	< 0.66	< 0.62	
					2024/12/24	Sunny	8.4	0.4	5.5	0.0	Light grayish yellow green	None	>100	10.5	<1	0.2	< 0.93	< 0.62	
	38	Ohisa River	Kageiso Bridge	Iwaki City	2024/5/23	Sunny	24.0	0.2	23.0	0.0	Light grayish yellow green	None	53	48.7	4	1.7	< 0.41	< 0.61	
					2024/6/29	Sunny	25.4	0.2	27.7	0.0	Light grayish yellow	None	34	115	23	16	< 0.57	< 0.67	
					2024/8/15	Sunny	31.3	0.3	31.9	0.0	Light grayish yellow green	None	44	72.7	23	4.3	< 0.65	< 0.66	
					2024/10/28	Cloudy	18.5	0.2	18.4	0.0	Light grayish yellow green	None	50	48.7	31	11	< 0.76	< 0.90	
					2024/11/19	Sunny	11.1	0.1	11.7	0.0	Light grayish yellow	None	38	76.1	12	5.6	< 0.70	< 0.81	
					2024/12/24	Sunny	7.0	0.3	6.0	0.0	Light grayish yellow green	None	56	141	9	3.1	< 0.88	< 0.94	
	39	Kohisa River	Rengo Bridge		2024/5/24	Sunny	20.6	0.3	21.1	0.0	Light grayish yellow green	None	71	80.7	3	2.5	< 0.80	< 0.73	
					2024/6/29	Sunny	24.5	0.1	22.4	0.0	Light grayish yellow	None	>100	65.6	3	2.1	< 0.82	< 0.81	
					2024/8/15	Sunny	31.4	0.2	32.6	0.0	Light grayish yellow green	None	40	56.6	5	2.0	< 0.82	< 0.72	
					2024/10/28	Cloudy	18.7	0.2	18.3	0.0	Light grayish yellow green	None	90	69.7	3	1.7	< 0.73	< 0.65	
					2024/11/19	Sunny	11.7	0.1	10.8	0.0	Light grayish yellow	None	98	75.6	2	1.9	< 0.64	< 0.78	
					2024/12/24	Sunny	6.8	0.2	4.8	0.0	Light grayish yellow green	None	41	69.6	13	5.0	< 0.93	< 0.93	

Fukushima River(Water_Hamadori) 6/7

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
									General items								Activity concentration(Bq/L)		
																	Radioactive cesium		
	No.	Water Area	Location	Municipality					Water temperature (℃)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Rivers	40	Niida River	Kasumida Bridge	Iwaki City	2024/5/24	Sunny	29.2	0.2	22.8	0.0	Light grayish yellow green	None	10	17.7	49	37	< 0.84	< 0.88	
					2024/6/29	Sunny	27.7	0.4	23.9	0.0	Light grayish yellow	None	24	19.4	15	8.0	< 0.59	< 0.84	
					2024/8/16	Cloudy	29.1	0.2	26.0	0.0	Light grayish yellow green	None	70	18.0	6	1.5	< 0.79	< 0.89	
					2024/10/28	Cloudy	19.2	0.3	18.1	0.0	Light grayish yellow green	None	>100	18.9	5	1.4	< 0.57	< 0.67	
					2024/11/15	Sunny	11.1	0.3	12.0	0.0	Light grayish greenish yellow	None	>100	21.0	2	1.3	< 0.80	< 0.68	
					2024/12/26	Sunny	5.4	0.4	8.1	0.0	Light grayish yellow green	None	>100	18.3	2	0.5	< 0.89	< 0.91	
	41		Matsuba Bridge		2024/5/24	Sunny	24.3	0.3	21.9	0.0	Grayish yellow green	None	21	358	13	6.1	< 0.66	< 0.65	
					2024/6/29	Sunny	24.5	0.6	22.4	0.0	Light grayish greenish yellow	None	30	77.1	10	7.0	< 0.84	< 0.76	
					2024/8/17	Cloudy	25.7	0.4	26.7	0.0	Grayish yellow green	None	30	1,360	9	2.0	< 0.72	< 0.81	
					2024/10/28	Cloudy	18.8	0.3	18.7	0.0	Grayish yellow green	None	60	588	12	6.2	< 0.89	< 0.85	
					2024/11/15	Sunny	20.1	0.8	16.9	0.0	Light grayish yellow green	None	38	790	6	3.5	< 0.82	< 0.61	
					2024/12/24	Sunny	5.7	0.5	8.1	0.0	Grayish yellow green	None	90	2,040	7	1.8	< 0.80	< 0.81	
	42	Natsui River	Kitanouchi Bridge	Ono Town	2024/5/2	Cloudy	20.2	0.6	18.5	0.0	Light grayish yellow green	None	85	13.5	4	1.9	< 0.75	< 0.62	
					2024/6/10	Cloudy	20.1	0.2	18.3	0.0	Light grayish yellow green	None	37	13.0	13	4.5	< 0.66	< 0.73	
					2024/8/15	Cloudy	31.3	0.3	24.3	0.0	Light grayish yellow green	None	21	10.5	28	5.7	< 0.56	< 0.66	
					2024/10/28	Light Rain	16.9	0.3	16.0	0.0	Light grayish yellow green	None	75	13.5	13	3.3	< 0.71	< 0.91	
					2024/11/20	Sunny	7.3	0.5	9.1	0.0	Grayish yellow green	None	>100	13.5	<1	1.1	< 0.75	< 0.73	
					2024/12/26	Sunny	9.0	0.4	5.7	0.0	Light grayish yellow green	None	67	12.9	8	2.2	< 0.65	< 0.73	
	43		Kyudayu Bridge		2024/5/24	Sunny	27.6	0.2	23.9	0.0	Light grayish yellow green	None	20	11.0	11	5.5	< 0.58	< 0.76	
					2024/6/18	Light Rain	20.4	0.3	20.6	0.0	Grayish yellow green	None	19	10.9	17	8.8	< 0.79	< 0.73	
					2024/8/17	Sunny	31.8	0.5	27.4	0.0	Grayish yellow green	None	10	8.3	63	9.8	< 0.58	< 0.66	
					2024/10/28	Light Rain	19.0	0.3	17.0	0.0	Grayish yellow green	None	>100	11.6	2	1.9	< 0.81	< 0.76	
					2024/11/15	Cloudy	18.0	0.7	14.9	0.0	Light grayish yellow green	None	40	11.6	7	3.6	< 0.70	< 0.73	
					2024/12/25	Sunny	8.5	0.3	7.1	0.0	Grayish yellow green	None	26	10.8	19	11	< 0.75	< 0.97	
	44		Rokujumai Bridge		2024/5/24	Sunny	28.5	0.4	26.0	0.0	Grayish yellow green	None	13	24.5	38	15	< 0.62	< 0.74	
					2024/6/28	Light Rain	23.4	0.5	21.6	0.0	Grayish yellow green	None	23	24.6	13	5.4	< 0.83	< 0.81	
					2024/8/17	Cloudy	27.3	0.4	26.3	0.0	Grayish yellow green	None	27	138	75	10	< 0.83	< 0.62	
					2024/10/28	Cloudy	18.9	0.4	17.1	0.0	Grayish yellow green	None	65	16.9	9	6.4	< 0.77	< 0.81	
					2024/11/15	Cloudy	19.6	1.0	15.3	0.0	Grayish reddish yellow	None	13	19.9	52	39	< 0.51	< 0.85	
					2024/12/26	Sunny	4.6	0.7	5.0	0.0	Grayish yellow green	None	46	17.5	10	4.2	< 0.79	< 0.80	
	45	Yoshima River	Iwaanatsuri Bridge	Iwaki City	2024/5/28	Light Rain	19.9	0.2	17.6	0.0	Light grayish yellow green	None	>100	9.8	2	0.6	< 0.66	< 0.78	
					2024/6/18	Light Rain	20.2	0.2	19.9	0.0	Light grayish yellow green	None	63	9.2	3	1.4	< 0.84	< 0.70	
					2024/8/17	Sunny	31.4	0.2	24.3	0.0	Light grayish yellow green	None	75	9.4	7	1.5	< 0.72	< 0.76	
					2024/10/28	Light Rain	17.9	0.2	16.4	0.0	Light grayish yellow green	None	>100	10.2	5	1.5	< 0.71	< 0.71	
					2024/11/15	Cloudy	17.3	0.2	14.4	0.0	Light grayish yellow green	None	>100	12.0	<1	0.9	< 0.82	< 0.68	
					2024/12/25	Sunny	8.0	0.2	5.5	0.0	Light grayish yellow green	None	>100	9.3	<1	0.2	< 0.72	< 0.69	
	46		Before the confluence with Natsui River		2024/5/28	Light Rain	23.4	0.4	19.6	0.0	Grayish yellow	None	13	20.4	59	23	< 0.77	< 0.81	
					2024/6/28	Light Rain	23.3	0.3	21.6	0.0	Light grayish yellow green	None	46	26.2	6	1.2	< 0.57	< 0.77	
					2024/8/16	Cloudy	26.3	0.3	25.6	0.0	Light grayish yellow green	None	19	25.1	20	6.1	< 0.65	< 0.61	
					2024/10/28	Light Rain	18.8	0.3	17.7	0.0	Light grayish yellow green	None	>100	19.1	3	1.5	< 0.82	< 0.68	
					2024/11/15	Sunny	19.9	0.5	15.7	0.0	Light grayish yellow green	None	56	20.3	8	2.9	< 0.89	< 0.69	
					2024/12/25	Sunny	11.3	0.5	9.0	0.0	Grayish yellow green	None	15	23.1	24	11	< 0.66	< 0.70	
	47	Fujiwara River	Shima Bridge		2024/5/20	Sunny	23.0	0.5	21.2	0.0	Grayish yellow green	None	45	54.8	12	3.9	< 0.71	< 0.69	
					2024/6/28	Light Rain	22.7	0.2	23.7	0.0	Grayish yellow green	None	21	179	9	4.2	< 0.78	< 0.78	
					2024/8/16	Cloudy	29.0	0.3	28.1	0.0	Grayish yellow green	None	34	74.7	14	2.4	< 0.88	< 0.76	
					2024/10/25	Sunny	24.0	0.3	22.9	0.0	Grayish yellow green	None	50	173	14	7.6	< 0.80	< 0.75	
					2024/11/15	Light Rain	19.0	0.5	17.4	0.0	Light grayish yellow green	None	34	102	13	6.9	< 0.57	< 0.76	
					2024/12/25	Sunny	10.7	0.5	8.1	0.0	Grayish greenish yellow	None	62	240	10	2.7	< 0.54	< 0.86	

Fukushima River(Water_Hamadori) 7/7

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
									General items								Activity concentration(Bq/L)		
																	Radioactive cesium		
	No.	Water Area	Location	Municipality					Water temperature (℃)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Rivers	48	Fujiwara River	Minato-ohashi Bridge	Iwaki City	2024/5/28	Light Rain	19.2	0.3	21.1	0.0	Grayish yellow green	None	31	1,840	8	2.1	< 0.63	< 0.84	
					2024/6/28	Light Rain	21.7	0.6	23.0	0.0	Grayish yellow green	None	24	1,740	5	2.0	< 0.87	< 0.85	
					2024/8/16	Cloudy	30.8	0.8	28.4	0.0	Grayish yellow green	None	36	2,630	34	2.2	< 0.71	< 0.78	
					2024/10/25	Sunny	23.8	0.8	22.6	0.0	Grayish yellow green	None	80	2,830	7	2.5	< 0.75	< 0.79	
					2024/11/15	Light Rain	15.9	1.5	18.9	0.0	Grayish yellow green	None	62	3,870	3	1.4	< 0.71	< 0.62	
					2024/12/25	Sunny	10.3	0.5	12.8	0.0	Light grayish yellow green	None	>100	3,370	3	0.7	< 0.76	< 0.72	
	49	Samegawa River	Idosawa Bridge		2024/5/28	Light Rain	19.9	0.4	17.2	0.0	Grayish yellow green	None	>100	11.5	2	1.3	< 0.84	< 0.70	
					2024/6/27	Sunny	22.3	0.4	21.0	0.0	Grayish yellow green	None	>100	11.8	<1	0.8	< 0.60	< 0.60	
					2024/8/16	Cloudy	27.9	0.4	25.7	0.0	Grayish yellow green	None	>100	13.1	<1	0.4	< 0.72	< 0.85	
					2024/10/25	Sunny	19.6	0.4	18.3	0.0	Grayish yellow green	None	90	11.2	2	1.3	< 0.87	< 0.79	
					2024/11/15	Cloudy	17.7	1.3	13.6	0.0	Grayish yellow green	None	>100	11.9	2	1.3	< 0.58	< 0.56	
					2024/12/24	Sunny	8.1	0.6	6.1	0.0	Grayish yellow green	None	>100	11.0	2	0.4	< 0.69	< 0.62	
	50		Samegawa Bridge		2024/5/29	Cloudy	17.2	0.4	17.8	0.0	Grayish yellow green	None	32	384	5	2.7	< 0.57	< 0.50	
					2024/6/27	Sunny	23.4	0.4	24.7	0.0	Grayish yellow	None	20	1,310	4	1.1	< 0.78	< 0.64	
					2024/8/16	Sunny	29.7	0.5	29.2	0.0	Grayish yellow green	None	76	3,430	21	4.4	< 0.83	< 0.59	
					2024/10/25	Sunny	23.1	0.3	20.4	0.0	Light grayish yellow green	None	75	100	10	3.1	< 0.66	< 0.61	
					2024/11/15	Light Rain	15.2	0.3	14.9	0.0	Grayish yellow green	None	80	440	2	2.0	< 0.82	< 0.73	
					2024/12/25	Sunny	8.5	0.4	7.3	0.0	Light grayish yellow green	None	>100	490	2	1.0	< 0.69	< 0.72	
	51	Shitoki River	Komuro Bridge		2024/5/20	Sunny	24.0	0.3	15.0	0.0	Light grayish yellow green	None	80	5.9	7	1.7	< 0.78	< 0.53	
					2024/6/18	Light Rain	19.3	0.3	18.8	0.0	Light grayish yellow green	None	78	6.5	2	0.9	< 0.75	< 0.62	
					2024/8/16	Cloudy	28.6	0.3	27.4	0.0	Grayish greenish yellow	None	40	7.8	20	2.2	< 0.90	< 0.80	
					2024/10/25	Sunny	19.2	0.3	16.1	0.0	Light grayish yellow green	None	>100	7.6	<1	0.7	< 0.63	< 0.77	
					2024/11/15	Cloudy	17.2	0.3	12.7	0.0	Light grayish yellow green	None	>100	7.7	<1	0.5	< 0.70	< 0.81	
					2024/12/24	Sunny	5.8	0.4	5.2	0.0	Light grayish yellow green	None	>100	7.4	<1	0.2	< 0.78	< 0.81	
	52	Binda River	Kobana Bridge		2024/5/29	Cloudy	20.5	0.4	19.0	0.0	Light grayish yellow green	None	38	24.8	12	3.0	< 0.70	< 0.73	
					2024/6/27	Cloudy	24.6	0.4	24.3	0.0	Light grayish yellow green	None	52	34.1	9	3.6	< 0.60	< 0.78	
					2024/8/16	Sunny	30.4	0.4	27.1	0.0	Light grayish yellow	None	60	28.0	8	0.8	< 0.62	< 0.83	
					2024/10/25	Sunny	22.7	0.4	19.8	0.0	Light grayish yellow green	None	>100	25.7	7	2.7	< 0.78	< 0.59	
					2024/11/19	Cloudy	13.9	0.3	13.5	0.0	Light grayish yellow green	None	56	24.4	3	2.0	< 0.82	< 0.85	
					2024/12/25	Sunny	6.0	0.4	4.7	0.0	Light grayish yellow green	None	46	22.0	11	3.4	< 0.58	< 0.62	
	53		Binda Bridge		2024/5/29	Sunny	21.6	0.4	20.2	0.0	Grayish greenish yellow	None	34	179	21	3.3	< 0.82	< 0.64	
					2024/6/27	Cloudy	25.3	0.3	26.2	0.0	Grayish greenish yellow	None	20	276	13	3.9	< 0.71	< 0.73	
					2024/8/16	Sunny	30.2	0.6	28.7	0.0	Dark grayish yellow	Faint chlorine	65	325	6	1.5	< 0.63	< 0.74	
					2024/10/25	Sunny	23.0	0.4	21.4	0.0	Dark grayish yellow green	None	90	205	7	3.4	< 0.75	< 0.64	
					2024/11/15	Light Rain	17.1	1.2	16.2	0.0	Grayish yellow green	Faint chlorine	32	260	7	3.4	< 0.70	< 0.73	
					2024/12/25	Sunny	6.2	0.5	8.3	0.0	Dark grayish yellow green	None	91	170	4	1.7	< 0.72	< 0.68	

* Reasons for difficulty in entering the study area include winter closures, winter road closures, typhoons and other disasters, construction, etc.

Fukushima River(Sediment_Hamadori) 1/6

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																						Remarks
										Sediment																					
										General items																					
													Grain size distribution(%)														Activity concentration [Bq/kg(dry)]			
																												Radioactive cesium			
	No.	Water Area	Location	Municipality					Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay	Sediment content (%)	Density (Mg/m^3)	Property	Cs-134	Cs-137	Total	
Rivers	1	Jizogawa River	Hamahata Bridge	Shinchi Town	2024/5/1	Cloudy	15.4	0.3	18.7	3	Brownish gray	Faint seaweed	0.0	0.0	0.4	1.9	23.3	69.9	1.4	3.1	65.5	2.58	sand	< 6.0	7.5 ± 1.8	7.5	
					2024/6/5	Sunny	18.0	0.3	19.5	3	Grayish brown	None	0.0	0.0	0.3	1.2	45.7	49.9	1.5	1.4	72.1	2.65	sand	< 2.6	6.4 ± 1.3	6.4	
					2024/8/15	Cloudy	29.9	0.5	29.8	4	Grayish yellow brown	None	0.0	0.0	0.1	0.5	81.8	16.8	0.4	0.4	77.3	2.67	sand	< 2.2	2.1 ± 0.59	2.1	
					2024/10/8	Cloudy	17.0	0.5	18.5	3	Grayish yellow brown	None	0.0	0.0	0.1	0.6	38.9	58.8	1.2	0.4	76.0	2.68	sand	< 1.4	1.7 ± 0.48	1.7	
					2024/11/6	Sunny	12.2	0.3	17.3	5	Grayish yellow brown	None	0.0	0.0	0.0	0.1	40.7	58.2	0.7	0.3	77.8	2.72	sand	< 1.4	1.7 ± 0.54	1.7	
					2024/12/18	Sunny	7.0	0.3	12.1	4	Grayish yellow brown	None	0.0	0.0	0.1	0.4	51.4	45.5	1.9	0.7	78.9	2.72	sand	< 1.1	1.9 ± 0.32	1.9	
	2	Koizumi River	Koizumi Bridge	Soma City	2024/5/1	Cloudy	17.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					2024/6/5	Sunny	26.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					2024/8/17	Sunny	33.9	0.4	29.6	4	Brownish black	None	0.0	0.6	19.6	20.0	32.5	12.7	8.3	6.3	75.4	2.70	sand/silt	< 5.4	33 ± 4.0	33	
					2024/10/8	Cloudy	16.0	0.3	18.0	3	Brownish black	None	0.0	0.8	20.4	23.6	37.2	13.4	2.0	2.6	77.3	2.72	gravel/sand	< 6.5	27 ± 3.2	27	
					2024/11/6	Sunny	11.3	0.2	15.8	4	Brownish gray	None	0.0	1.5	27.8	24.1	32.2	9.9	2.7	1.8	80.7	2.76	sand/gravel	< 5.3	36 ± 3.7	36	
					2024/12/18	Sunny	7.6	0.1	9.5	4	Grayish yellow brown	None	0.0	0.2	11.8	10.6	27.0	21.3	18.2	10.9	49.0	2.67	silt/sand	< 8.1	110 ± 6.6	110	
	3		Hyakken Bridge		2024/5/1	Cloudy	19.1	0.1	19.5	3	Black	None	0.0	0.0	0.4	1.4	18.5	60.1	10.0	9.6	66.9	2.70	silt/sand	< 5.6	150 ± 6.9	150	
					2024/6/24	Cloudy	21.5	0.3	23.2	3	Brownish black	Faint sewage	0.0	0.0	0.0	5.1	22.1	26.8	24.3	21.7	58.5	2.68	silt/sand	< 6.1	170 ± 8.6	170	
					2024/8/17	Sunny	31.9	0.7	28.8	4	Brownish black	Faint sewage	0.0	0.5	2.6	3.6	12.4	26.3	23.8	30.8	50.9	2.68	silt/sand	< 8.5	150 ± 7.9	150	
					2024/10/8	Cloudy	18.5	0.6	19.5	3	Brownish black	Faint sewage	0.0	0.8	2.4	1.3	1.8	11.3	41.0	41.4	35.5	2.65	silt	< 8.7	350 ± 12	350	
					2024/11/6	Sunny	12.3	0.7	15.5	3	Brownish black	Faint sewage	0.0	0.1	1.8	2.7	15.7	39.4	20.8	19.5	58.1	2.72	silt/sand	< 7.9	190 ± 9.1	190	
					2024/12/18	Sunny	7.1	0.5	7.3	3	Brownish black	Faint sewage	0.0	1.1	2.6	3.8	21.6	28.6	21.4	20.9	55.8	2.68	silt/sand	< 9.1	180 ± 9.0	180	
	4	Uda River	Horisaka Bridge		2024/5/1	Sunny	15.4	0.2	15.6	3	Grayish yellow brown	Faint fish	0.0	0.1	15.0	58.3	25.2	1.0	0.1	0.3	82.0	2.68	gravel/sand	< 5.8	54 ± 4.6	54	
					2024/6/17	Sunny	27.1	0.2	21.0	4	Grayish yellow brown	None	0.0	1.1	67.9	30.5	0.4	0.0	0.0	0.1	97.1	2.70	gravel/sand	< 4.1	18 ± 2.3	18	
					2024/8/15	Cloudy	29.9	0.2	25.7	4	Grayish yellow brown	None	0.0	4.3	46.8	29.8	15.5	2.5	0.5	0.6	86.0	2.72	gravel/sand	< 4.4	39 ± 3.0	39	
					2024/10/8	Cloudy	17.3	0.3	18.0	3	Grayish yellow brown	None	0.0	0.2	25.8	37.0	28.3	6.8	1.0	0.9	81.4	2.73	gravel/sand	< 6.2	55 ± 4.5	55	
					2024/11/6	Light Rain	10.3	0.4	13.9	4	Grayish yellow brown	None	0.0	0.0	1.3	16.1	67.1	13.6	1.0	0.9	75.5	2.76	sand/gravel	< 5.4	8.0 ± 1.8	8.0	
					2024/12/18	Sunny	8.2	0.3	6.7	4	Grayish yellow brown	None	0.0	0.1	8.5	39.4	47.2	2.9	1.3	0.6	75.5	2.73	sand/gravel	< 7.1	63 ± 5.2	63	
	5		Hyakken Bridge		2024/5/1	Cloudy	16.8	0.5	18.1	3	Brownish gray	None	0.0	0.2	2.0	3.8	11.0	25.3	36.2	21.5	53.9	2.68	silt/sand	< 5.5	130 ± 5.5	130	
					2024/6/24	Cloudy	21.8	0.5	20.6	3	Brownish black	None	0.0	0.0	0.0	1.1	2.7	4.4	55.4	36.4	36.8	2.65	silt	< 8.1	440 ± 13	440	
					2024/8/29	Cloudy	29.4	0.6	26.4	3	Olive black	None	0.0	0.4	3.4	7.4	20.9	18.8	27.4	21.7	63.5	2.71	sand/silt	< 9.1	100 ± 8.1	100	
					2024/10/8	Cloudy	16.5	0.8	17.8	3	Brownish black	None	0.0	0.0	4.2	9.8	35.6	27.1	10.4	12.9	70.9	2.75	silt/sand	< 6.6	58 ± 5.2	58	
					2024/11/6	Sunny	12.0	0.8	15.6	4	Brownish black	None	0.0	0.1	2.6	7.1	10.2	12.6	33.3	34.1	36.9	2.70	silt	< 8.1	370 ± 11	370	
					2024/12/18	Sunny	7.0	0.9	8.2	3	Brownish black	None	0.0	0.0	0.6	3.7	7.7	8.2	43.3	36.5	39.6	2.68	silt	< 9.4	340 ± 13	340	
	6	Mano River	Ochiai Bridge	Minamisoma City	2024/5/2	Sunny	17.8	0.4	16.5	2	Dark grayish yellow	None	0.0	0.7	48.1	32.7	16.3	1.4	0.1	0.7	85.1	2.69	gravel/sand	< 4.6	24 ± 2.3	24	
					2024/6/24	Cloudy	23.6	0.2	19.6	3	Brownish gray	None	0.0	0.8	31.0	31.1	25.8	8.9	1.2	1.2	87.2	2.70	sand/gravel	< 4.9	47 ± 3.3	47	
					2024/8/29	Cloudy	28.2	0.4	20.9	3	Dark grayish yellow	Faint ditch	0.0	1.4	40.7	26.0	25.9	4.2	1.0	0.8	82.0	2.70	gravel/sand	< 7.6	65 ± 5.8	65	
					2024/10/29	Sunny	17.1	0.3	15.5	3	Dark olive brown	None	0.0	9.1	36.9	27.1	22.3	3.8	0.4	0.4	83.1	2.71	gravel/sand	< 6.4	50 ± 4.4	50	
					2024/11/13	Sunny	16.6	0.4	15.1	4	Dark grayish yellow	None	0.0	1.8	39.3	38.3	17.7	2.4	0.1	0.4	83.0	2.72	gravel/sand	< 5.9	38 ± 3.9	38	
					2024/12/18	Sunny	6.6	0.2	9.8	4	Dull yellow brown	None	0.0	1.7	35.1	42.0	18.5	1.2	1.1	0.4	81.8	2.71	gravel/sand	< 6.8	48 ± 4.4	48	
	7		Majima Bridge		2024/5/2	Sunny	18.8	1.9	16.9	3	Dark grayish yellow	None	0.0	0.1	6.7	27.6	53.3	4.8	4.8	2.7	79.6	2.67	sand/silt	< 5.3	28 ± 2.6	28	
					2024/6/25	Cloudy	24.6	1.6	19.3	3	Grayish yellow brown	Faint sewage	0.0	0.1	6.9	29.7	54.6	3.6	2.2	2.9	82.7	2.70	sand/silt	< 4.4	33 ± 3.0	33	
					2024/8/29	Cloudy	29.2	0.7	25.3	3	Olive black	Faint sewage	0.0	0.0	2.7	21.8	65.6	4.5	2.4	3.0	77.8	2.70	sand/silt	< 9.6	33 ± 4.3	33	
					2024/10/29	Sunny	18.0	0.5	18.5	3	Brownish black	None	0.0	2.7	8.8	4.9	23.9	29.9	8.8	21.0	56.6	2.76	silt/sand	< 8.6	220 ± 9.5	220	
					2024/11/13	Sunny	15.3	1.8	15.2	3	Olive black	Faint sewage	0.0	0.3	7.6	30.6	36.9	4.7	7.1	12.8	60.1	2.69	silt/sand	< 8.7	130 ± 7.0	130	
					2024/12/19	Sunny	5.5	0.8	12.9	3	Brownish black	None	0.0	0.1	6.0	33.8	39.3	3.4	8.6	8.8	62.4	2.68	silt/sand	< 7.8	130 ± 7.1	130	
	8	Niida River	Kusano	Iitate Village	2024/5/1	Cloudy	14.0	0.3	15.4	3	Dull yellow brown	None	0.0	0.0	7.2	61.9	29.7	0.6	0.1	0.5	76.7	2.63	sand/gravel	< 6.8	490 ± 14	490	
					2024/6/6	Sunny	21.9	0.2	16.7	3	Dull yellow brown	None	0.0	0.0	12.2	35.3	48.7	3.0	0.4	0.4	91.5	2.66	sand/gravel	< 7.4	270 ± 10	270	
					2024/8/15	Sunny	30.5	0.3	23.4	4	Dull yellow brown	None	0.0	0.0	0.7	5.4	76.5	15.7	0.7	1.0	72.4	2.67	sand/gravel	7.9 ± 1.7	570 ± 13	577.9	
					2024/10/8	Light Rain	15.5	0.4	17.0	4	Dull yellow brown	None	0.0	0.2	41.3	36.5	20.8	0.8	0.2	0.2	91.2	2.66	gravel/sand	< 7.5	130 ± 7.3	130	
					2024/11/14	Sunny	16.1	0.2	10.8	3	Brown	None	0.0	0.1	28.1	30.6	38.0	2.8	0.3	0.1	79.6	2.68	gravel/sand	< 8.6	220 ± 9.4	220	
					2024/12/11	Cloudy	3.6	0.2	6.7	3	Dull yellow brown	None	0.0	0.4	36.7	36.0	25.9	0.7	0.2	0.1	80.6	2.64	gravel/sand	< 6.9	210 ± 9.1	210	
	9		Komiya		2024/5/2	Sunny	19.6	0.4	16.2	4	Dull yellow brown	None	0.0	0.2	41.8	37.1	17.6	2.9	0.1	0.3	85.1	2.67	gravel/sand	< 5.2	130 ± 5.7	130	
					2024/6/6	Sunny	22.6	0.3	17.4	3	Grayish yellow brown	None	0.0	0.0	8.4	53.0	34.4	3.4	0.4	0.4	90.4	2.67	sand/gravel	< 8.4	150 ± 7.8	150	
					2024/8/15	Sunny	32.5	0.5	23.8	4	Grayish yellow brown	None	0.0	0.0	0.1	2.8	82.7	12.8	0.6	1.0	73.2	2.69	sand	< 7.4	470 ± 12	470	
					2024/10/29	Sunny	13.1	0.3	12.5	3	Grayish yellow brown	None	0.0	0.4	6.1	28.3	60.6	3.9	0.2	0.5	76.1	2.71	sand/gravel	< 9.1	320 ± 12	320	
					2024/11/14	Sunny	19.1	0.3	11.2	3	Dull yellow brown	None	0.0	0.0	16.2	33.9	41.7	7.3	0.4	0.5	73.5	2.71	sand/gravel	< 8.8	360 ± 13	360	
					2024/12/11	Cloudy	3.8	0.5	6.1	3	Grayish yellow brown	None	0.0	0.6	26.7	25.0	39.3	7.2	1.1	0.1	79.3	2.72	sand/gravel	< 6.1	240 ± 9.5	240	
	10		Kidouchi Bridge	Minamisoma City	2024/5/2	Sunny	20.9	0.1	15.7	3	Dark grayish yellow	None	0.0	0.1	27.5	56.3	15.5	0.2	0.2	0.2	81.6	2.67	gravel/sand	< 4.6	100 ± 5.0	100	
					2024/6/24	Cloudy	30.2	0.3	25.3	3	Grayish yellow brown	None	0.0	2.7	42.9	34.4	17.2	1.2	0.7	0.9	90.3	2.68	sand/gravel	< 3.1	110 ± 3.6	110	
					2024/8/29	Cloudy	26.0	0.3	22.2	3	Dark grayish yellow	None	0.0	2.1	27.3	33.5	32.9	3.2	0.4	0.6	82.8	2.70	gravel/sand	< 7.1	210 ± 10	210	
					2024/10/29	Sunny	16.9	0.2	13.0	3	Dark grayish yellow	None	0.0	15.9	36.4	26.6	17.2	2.5	1.0	0.4	86.5	2.71	gravel/sand	< 6.0	110 ± 6.2	110	
					2024/11/13	Sunny	16.5	0.4	13.0	3	Dark olive brown	Faint swamp	2.3	3.7	37.1	28.8	22.6	4.0	0.8	0.7	84.2	2.70	gravel/sand	< 4.7	120 ± 6.8	120	
					2024/12/18	Sunny	5.6	0.3	6.8	3	Grayish yellow brown	None	0.0	0.9	29.5	30.8	31.7	5.2	1.4	0.5	82.9	2.69	sand/gravel	< 8.1	150 ± 7.7	150	

Fukushima River(Sediment_Hamadori) 2/6

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																				Remarks
										General items			Grain size distribution(%)								Sediment content (%)	Density (Mg/m^3)	Property	Activity concentration [Bq/kg(dry)]			
	No.	Water Area	Location	Municipality					Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Radioactive cesium			
																								Cs-134	Cs-137	Total	
Rivers	11	Niida River	Sakekawa Bridge	Minamisoma City	2024/5/2	Sunny	17.2	2.1	19.0	3	Olive black	None	0.0	0.3	12.5	6.8	3.0	13.8	48.0	15.6	31.8	2.52	silt	25 ± 5.3	1,500 ± 26	1,525	
					2024/6/25	Cloudy	28.3	1.0	22.9	3	Brownish gray	Faint sewage	0.0	0.0	2.4	6.8	57.5	26.8	2.4	4.1	74.6	2.70	sand/silt	< 5.2	300 ± 7.1	300	
					2024/8/16	Sunny	28.1	2.0	27.4	1	Black	Faint sewage	0.0	0.0	1.4	1.4	1.3	13.0	46.2	36.7	24.8	2.56	silt	20 ± 4.8	1,600 ± 34	1,620	
					2024/10/10	Light Rain	15.0	1.7	16.0	3	Olive black	Faint sewage	0.0	1.2	31.5	25.8	20.0	16.7	2.3	2.5	79.3	2.68	sand/gravel	< 7.1	220 ± 8.9	220	
					2024/11/13	Sunny	15.8	1.2	13.0	3	Dark grayish yellow	None	0.0	0.4	7.1	10.0	62.3	13.6	3.8	2.8	73.4	2.72	sand	< 6.4	280 ± 10	280	
					2024/12/19	Sunny	6.5	0.4	9.3	3	Brownish gray	Faint sewage	0.0	2.5	48.6	25.7	8.9	7.9	3.5	2.9	80.3	2.67	gravel/sand	< 8.8	200 ± 9.0	200	
	12	Ota River	Ishiwatado Bridge		2024/5/1	Cloudy	16.4	0.3	11.5	3	Dark grayish yellow	Faint swamp	0.0	0.8	29.7	39.5	25.4	3.3	0.5	0.8	80.9	2.64	sand/gravel	< 7.0	320 ± 10	320	
					2024/6/25	Sunny	30.0	0.3	20.8	4	Grayish yellow brown	None	0.0	0.2	26.4	34.7	31.8	5.2	0.7	1.0	83.6	2.66	sand/gravel	6.5 ± 1.1	340 ± 5.4	346.5	
					2024/8/16	Cloudy	28.5	0.3	26.9	3	Dull yellow brown	None	0.0	3.6	43.6	29.6	18.8	3.1	0.8	0.5	88.9	2.66	gravel/sand	9.0 ± 2.1	450 ± 12	459.0	
					2024/10/10	Cloudy	16.5	0.3	18.0	3	Dull yellow brown	None	0.0	0.1	25.9	44.4	26.3	2.4	0.7	0.2	77.9	2.65	gravel/sand	< 9.0	630 ± 16	630	
					2024/11/13	Sunny	16.9	0.2	13.6	3	Dark brown	None	0.0	0.3	30.0	32.8	31.7	4.1	0.5	0.6	78.9	2.67	gravel/sand	< 9.8	540 ± 15	540	
					2024/12/13	Cloudy	8.1	0.3	8.4	3	Dull yellow brown	None	0.0	7.6	39.4	30.7	19.2	2.1	0.8	0.2	85.5	2.66	gravel/sand	< 7.9	490 ± 14	490	
	13		Yagawara Bridge		2024/5/1	Cloudy	16.8	0.5	13.5	3	Dull yellow brown	None	0.0	0.0	20.6	45.1	31.3	2.4	0.2	0.4	80.6	2.63	sand/gravel	< 8.0	260 ± 10	260	
					2024/6/25	Sunny	28.1	0.8	24.0	3	Brown	None	0.0	0.0	35.6	35.9	21.5	5.5	0.7	0.8	82.8	2.65	sand/gravel	5.1 ± 1.1	280 ± 5.1	285.1	
					2024/8/16	Cloudy	29.8	0.4	27.1	3	Dull yellow brown	None	0.0	0.2	30.3	40.1	27.9	1.0	0.2	0.3	84.4	2.65	gravel/sand	< 7.5	250 ± 9.6	250	
					2024/10/10	Cloudy	16.0	0.2	17.3	3	Brown	None	0.0	0.3	23.6	30.1	31.6	12.3	1.5	0.6	80.8	2.66	gravel/sand	< 6.9	320 ± 11	320	
					2024/11/13	Sunny	14.9	0.6	12.7	3	Dull yellow brown	None	0.0	0.0	4.3	44.4	40.6	8.7	1.2	0.8	75.6	2.66	sand/gravel	< 8.1	430 ± 13	430	
					2024/12/19	Sunny	5.2	0.2	5.2	3	Grayish yellow brown	None	0.0	0.3	20.1	30.1	34.3	12.3	2.3	0.6	79.2	2.66	sand/gravel	< 7.4	370 ± 12	370	
	14		Masuda Bridge		2024/5/1	Cloudy	16.2	0.5	16.9	4	Brownish gray	None	0.0	0.1	17.3	47.9	32.9	0.9	0.5	0.4	79.7	2.63	sand/gravel	< 6.2	170 ± 8.1	170	
					2024/6/25	Cloudy	26.7	0.5	23.1	3	Dull yellow brown	None	0.0	0.0	33.8	44.0	21.3	0.6	0.1	0.2	82.8	2.64	gravel/sand	< 5.3	130 ± 6.7	130	
					2024/8/16	Cloudy	28.6	0.6	26.3	4	Grayish yellow brown	None	0.0	0.1	13.8	47.2	34.3	2.2	1.3	1.1	80.8	2.64	sand/gravel	< 7.8	170 ± 9.0	170	
					2024/10/10	Light Rain	16.0	0.5	17.5	3	Grayish yellow brown	None	0.0	0.1	34.2	38.8	25.7	0.4	0.6	0.2	81.9	2.65	sand/gravel	< 8.7	130 ± 7.5	130	
					2024/11/13	Sunny	15.5	0.5	14.1	3	Olive black	Faint sewage	0.0	0.1	20.7	51.4	23.2	1.9	1.7	1.0	78.4	2.65	gravel/sand	< 8.8	170 ± 9.1	170	
					2024/12/19	Sunny	6.3	0.3	8.3	4	Brownish gray	None	0.0	0.1	19.2	50.0	25.9	2.4	1.8	0.6	80.8	2.63	gravel/sand	< 6.6	150 ± 7.9	150	
					2024/5/1	Cloudy	15.8	0.4	15.6	4	Dull yellow brown	None	0.0	1.2	52.1	32.9	13.3	0.4	0.0	0.1	85.1	2.64	gravel/sand	< 4.1	63 ± 3.2	63	
					2024/6/25	Cloudy	29.8	0.2	22.6	3	Dull yellow brown	None	0.0	0.8	46.1	28.9	21.4	2.0	0.4	0.4	88.5	2.65	gravel/sand	< 6.2	56 ± 4.4	56	
	15		JR Tetsudo Bridge		2024/8/16	Light Rain	24.8	0.2	23.2	3	Dull yellow brown	None	0.0	0.0	15.5	19.4	56.9	7.3	0.5	0.4	79.9	2.65	sand/gravel	< 8.0	89 ± 6.6	89	
					2024/10/10	Cloudy	16.0	0.4	16.8	4	Dark grayish yellow	None	0.0	0.1	21.5	22.4	40.7	14.2	0.8	0.3	80.0	2.66	sand/gravel	< 6.1	67 ± 4.7	67	
					2024/11/13	Sunny	13.1	0.1	12.6	3	Dull yellow brown	None	0.0	0.1	20.2	25.0	45.2	9.1	0.2	0.2	79.1	2.67	gravel/sand	< 9.1	69 ± 5.9	69	
					2024/12/19	Sunny	6.3	0.2	6.2	4	Grayish yellow brown	None	0.0	0.2	17.3	25.8	46.1	9.8	0.4	0.4	79.4	2.65	sand/gravel	< 6.6	75 ± 5.3	75	
					2024/5/1	Cloudy	15.2	0.2	17.7	5	Dark grayish yellow	None	0.0	0.0	13.9	16.5	28.4	35.9	2.8	2.5	80.9	2.70	sand/gravel	< 5.2	28 ± 3.1	28	
					2024/6/25	Cloudy	31.2	0.2	23.5	3	Brownish gray	Faint seaweed	0.0	0.0	0.1	1.1	21.7	71.1	2.6	3.4	67.2	2.64	sand	< 7.2	59 ± 5.6	59	
	16		Maruyama Bridge		2024/8/15	Sunny	30.2	0.3	29.5	3	Olive brown	None	0.0	0.0	0.3	0.7	60.8	37.6	0.2	0.4	82.0	2.73	sand	< 4.0	7.1 ± 1.5	7.1	
					2024/10/29	Sunny	18.1	0.3	17.5	3	Dark grayish yellow	None	0.0	0.0	0.7	1.1	39.2	58.0	0.3	0.7	77.1	2.80	sand	< 6.6	8.4 ± 2.7	8.4	
					2024/11/13	Sunny	18.8	0.2	17.3	4	Dark grayish yellow	None	0.0	0.8	25.3	19.9	28.1	21.2	2.4	2.3	75.8	2.73	sand/gravel	< 6.6	41 ± 4.1	41	
					2024/12/19	Sunny	4.5	0.3	12.1	3	Brownish gray	None	0.0	0.2	14.0	13.4	36.5	26.4	3.4	6.1	70.0	2.72	sand/gravel	< 5.4	34 ± 3.3	34	
					2024/5/2	Sunny	20.6	0.3	21.9	4	Dull yellow brown	None	0.0	0.1	21.5	47.4	27.3	3.0	0.3	0.4	82.7	2.64	sand/gravel	5.8 ± 1.3	250 ± 7.9	255.8	
					2024/6/25	Cloudy	30.6	0.2	24.1	3	Brown	None	0.0	0.0	20.8	46.6	23.3	8.0	0.5	0.8	82.0	2.65	sand	< 7.6	290 ± 10	290	
	17		Shimokawara Bridge		2024/8/15	Sunny	31.1	0.2	28.4	3	Dull yellow brown	None	0.0	0.1	22.9	35.8	36.4	4.2	0.3	0.3	82.3	2.67	gravel/sand	< 6.4	260 ± 8.0	260	
					2024/10/8	Cloudy	18.0	0.2	18.5	3	Dull yellow brown	None	0.0	4.1	16.9	16.0	45.6	15.7	0.8	0.9	84.8	2.69	gravel/sand	< 6.9	240 ± 9.7	240	
					2024/11/13	Sunny	19.9	0.3	16.6	4	Dull yellow brown	None	0.0	0.2	25.6	45.6	26.4	1.7	0.3	0.2	81.6	2.67	gravel/sand	< 5.4	210 ± 8.7	210	
					2024/12/19	Sunny	1.6	0.3	6.9	4	Dull yellow brown	None	0.0	0.6	27.9	44.5	24.6	2.1	0.2	0.1	82.2	2.66	gravel/sand	< 4.4	190 ± 6.5	190	
					2024/5/1	Cloudy	15.7	0.6	17.8	4	Dark grayish yellow	None	0.0	0.0	0.0	0.2	10.6	59.9	20.1	9.2	63.1	2.60	sand	18 ± 3.2	930 ± 19	948	
					2024/6/25	Sunny	31.6	1.2	24.9	3	Dark grayish yellow	None	0.0	0.0	0.5	0.9	10.9	76.7	4.9	6.1	66.1	2.65	sand	< 8.9	560 ± 13	560	
	18	Odaka River	Zencho Bridge		2024/8/15	Sunny	31.9	0.2	29.7	3	Dark grayish yellow	None	0.0	0.0	0.0	0.1	10.0	75.0	6.9	8.0	67.2	2.66	sand	6.4 ± 1.9	550 ± 9.7	556.4	
					2024/10/29	Sunny	18.2	0.2	17.0	3	Grayish yellow brown	None	0.0	0.0	0.1	1.0	28.0	68.7	1.3	0.9	66.1	2.64	sand	11 ± 3.5	500 ± 16	511	
					2024/11/13	Sunny	18.1	0.3	15.2	4	Dull yellow brown	None	0.0	0.1	19.9	29.2	34.1	16.2	0.3	0.2	80.6	2.68	gravel/sand	< 7.6	150 ± 7.6	150	
					2024/12/19	Sunny	2.3	0.9	5.4	3	Dark grayish yellow	None	0.0	0.0	0.6	1.1	12.5	56.7	15.7	13.4	57.7	2.64	silt/sand	11 ± 2.6	680 ± 16	691	
					2024/5/1	Cloudy	15.5	0.3	17.7	4	Dark grayish yellow	None	0.0	0.0	0.0	0.1	31.3	67.1	0.9	0.6	80.1	2.66	sand	< 4.6	16 ± 2.1	16	
					2024/6/25	Cloudy	28.4	0.4	24.0	3	Grayish yellow brown	None	0.0	0.0	0.0	0.1	14.1	84.3	0.6	0.9	75.6	2.67	sand	< 6.6	16 ± 3.0	16	
	19		Hatsukara Bridge		2024/8/15	Sunny	29.2	0.4	29.7	3	Dark grayish yellow	None	0.0	0.1	0.7	3.1	59.3	35.5	0.6	0.7	82.5	2.72	sand	< 3.7	8.1 ± 1.6	8.1	
					2024/10/29	Sunny	18.2	0.4	17.5	3	Yellowish gray	None	0.0	0.1	0.1	0.0	54.0	44.6	0.5	0.7	79.3	2.87	sand	< 4.3	7.5 ± 1.4	7.5	
					2024/11/13	Sunny	17.1	0.6	16.4	3	Dull yellow brown	None	0.0	0.0	0.1	0.1	52.6	45.8	0.7	0.7	74.1	2.73	sand	< 8.1	13 ± 2.8	13	
					2024/12/20	Sunny	0.8	0.6	9.1	4	Brownish gray	None	0.0	0.1	1.0	1.6	59.2	36.4	1.2	0.5	77.5	2.82	sand	< 5.5	13 ± 2.6	13	
					2024/5/16	Cloudy	18.2	0.2	13.4	3	Brown	None	0.0	2.7	63.7	27.6	4.7	1.0	0.1	0.2	93.1	2.63	sand/gravel	20 ± 2.9	1,300 ± 21	1,320	
					2024/6/19	Sunny	28.2	0.1	23.1	3	Brown	None	0.0	3.8	61.0	24.4	7.5	2.6	0.2	0.5	91.6	2.67	gravel/sand	24 ± 3.2	1,300 ± 21	1,324	
					2024/7/8	Cloudy	28.3	0.3	17.5	3	Brown	None	0.0	1.5	45.6	36.6	15.9	0.1	0.1	0.2	93.3	2.68	gravel/sand	22 ± 2.6	1,300 ± 16	1,322	
					2024/8/15	Sunny	29.5	0.2	26.7	3	Brown	None	0.0	0.3	25.5	39.8	29.4	4.4	0.3	0.3	83.2	2.67	gravel/sand	30 ± 3.7	1,800 ± 25	1,830	
					2024/9/24	Sunny	24.8	0.3	19.7	3	Brown	None	0.0	0.8	32.9	53.4	12.8	0.1	0.0	0.0	80.5	2.64	gravel/sand	20 ± 3.5	1,500 ± 22	1,520	
	20	Ukedo River	Murohara Bridge	Namie Town	2024/10/8	Cloudy	17.9	0.2	18.0	3	Brown	None	0.0	11.4	53.0	28.5	5.4	1.5	0.1	0.1	84.0	2.65	gravel/sand	15 ± 3.0	1,400 ± 22	1,415	
					2024/11/1	Sunny	18.2	0.3	15.9	3	Brown	None	0.0	0.4	21.9	18.7	57.6	1.2	0.1	0.1	76.5	2.65	sand/gravel	29 ± 5.8	2,600 ± 43	2,629	
					2024/12/20	Sunny	10.0	0.4	5.8	4	Brown	None	0.0	1.3	37.8	46.7	12.8	1.0	0.2	0.2	83.0	2.66	gravel/sand	13 ± 2.6	1,300 ± 22	1,313	
					2025/1/8	Sunny	4.0	0.3	5.0	3	Brown	None	0.0	0.2	16.6	46.8	34.8	1.2	0.2	0.2	82.8	2.66	sand/gravel	28 ± 4.9	2,100 ± 40	2,128	
					2025/2/7	Sunny	2.1	0.3	4.9	3	Dull brown	None	0.0	0.3	39.1	37.5	12.4	8.8	0.7	1.2	84.6	2.65	gravel/sand	19 ± 4.7	1,600 ± 33	1,619	

Fukushima River(Sediment_Hamadori) 3/6

	No.	Water Area	Location	Municipality	Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment temperature (℃)	Sediment: General items: Sample length (cm)	Color	Odor	Grain size distribution(%): Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay	Sediment content (%)	Density (Mg/m^3)	Property	Activity concentration [Bq/kg(dry)]: Radioactive cesium: Cs-134	Cs-137	Total	Remarks
Rivers	21	Ukedo River	Ukedo Bridge	Namie Town	2024/5/17	Sunny	22.6	0.3	18.1	3	Dull yellow brown	None	0.0	0.7	37.6	47.6	13.9	0.1	0.0	0.1	90.2	2.63	sand/gravel	12 ± 2.3	590 ± 15	602	
					2024/6/26	Sunny	25.6	0.3	20.6	3	Dull yellow brown	None	0.0	0.8	33.5	46.6	17.2	1.3	0.3	0.3	85.4	2.65	sand/gravel	< 6.6	280 ± 10	280	
					2024/7/8	Cloudy	29.6	0.7	24.0	3	Dull yellow brown	None	0.0	0.1	12.1	38.0	36.7	10.7	1.8	0.6	81.0	2.67	sand/gravel	15 ± 2.2	1,100 ± 16	1,115	
					2024/8/16	Sunny	29.8	0.3	28.1	3	Dull yellow brown	None	0.0	0.3	27.7	53.1	17.6	0.9	0.2	0.2	88.1	2.66	gravel/sand	< 7.9	250 ± 10	250	
					2024/9/24	Cloudy	26.3	0.3	19.7	3	Dull yellow brown	None	0.0	0.7	12.2	49.6	35.9	0.8	0.4	0.4	80.5	2.65	sand/gravel	< 8.9	440 ± 13	440	
					2024/10/8	Cloudy	19.3	0.3	18.5	3	Grayish yellow brown	None	0.0	0.3	11.5	51.2	35.5	1.1	0.2	0.2	79.2	2.64	sand/gravel	< 9.5	440 ± 13	440	
					2024/11/1	Sunny	19.2	0.4	16.6	3	Brown	None	0.0	0.1	24.1	50.9	24.2	0.6	0.0	0.1	82.4	2.65	gravel/sand	< 7.1	350 ± 11	350	
					2024/12/20	Sunny	4.0	0.4	5.3	4	Dull yellow brown	None	0.0	0.0	6.6	54.0	38.0	1.2	0.1	0.1	78.9	2.64	sand/gravel	< 6.3	460 ± 11	460	
					2025/1/8	Sunny	7.0	0.5	5.0	3	Dull yellow brown	None	0.0	0.0	7.7	48.8	38.6	3.1	1.1	0.7	77.5	2.66	sand/gravel	< 9.4	670 ± 16	670	
					2025/2/7	Sunny	2.3	0.2	5.1	3	Dull yellow brown	None	0.0	0.1	20.8	51.9	26.1	0.8	0.1	0.2	81.4	2.64	sand/gravel	< 8.1	380 ± 14	380	
	22	Furumichi River	Before the confluence with Takase River (Miyakoji-machi furumichishitadaira)	Tamura City	2024/5/21	Sunny	20.5	0.4	16.7	3	Grayish yellow brown	None	0.0	0.5	29.9	43.7	19.2	5.9	0.3	0.5	91.5	2.66	sand/gravel	< 7.9	22 ± 3.2	22	
					2024/6/19	Sunny	25.5	0.4	21.1	3	Olive brown	None	0.0	0.0	10.5	28.9	46.1	12.2	1.4	0.9	76.0	2.69	sand/gravel	< 4.8	83 ± 4.7	83	
					2024/8/15	Sunny	29.8	0.2	23.2	3	Grayish yellow brown	None	0.0	0.3	2.1	23.1	63.4	9.1	1.1	0.9	75.8	2.71	sand/gravel	< 6.8	55 ± 4.9	55	
					2024/10/11	Sunny	13.0	0.4	14.5	3	Olive brown	None	0.0	0.0	11.1	20.9	41.8	16.4	4.9	4.9	69.9	2.70	sand/gravel	< 6.9	96 ± 6.8	96	
					2024/11/23	Sunny	10.5	0.4	9.1	3	Olive brown	None	0.0	0.0	3.6	30.7	57.0	6.1	1.9	0.7	75.5	2.69	sand/gravel	< 5.4	48 ± 4.6	48	
					2024/12/23	Sunny	1.9	0.5	2.8	3	Brown	Faint fish	0.0	0.4	32.8	52.4	13.1	1.1	0.1	0.1	84.6	2.69	gravel/sand	< 6.1	17 ± 2.6	17	
	23	Takase River	Keio Bridge	Namie Town	2024/5/17	Sunny	25.3	0.3	18.6	2	Grayish yellow brown	None	0.0	3.3	45.0	39.4	10.3	1.5	0.2	0.3	85.8	2.64	sand/gravel	< 6.3	230 ± 8.9	230	
					2024/6/26	Cloudy	26.3	0.4	21.2	3	Grayish yellow brown	None	0.0	0.0	8.7	32.0	40.2	16.8	1.0	1.3	78.8	2.66	sand/silt	15 ± 2.7	770 ± 17	785	
					2024/8/16	Sunny	28.1	0.3	24.1	3	Dull yellow brown	None	0.0	1.5	22.8	38.6	31.0	4.8	0.7	0.6	85.2	2.68	gravel/sand	< 7.5	400 ± 11	400	
					2024/10/10	Cloudy	18.0	0.5	17.0	3	Dull yellow brown	None	0.0	0.2	40.6	54.2	4.8	0.2	0.0	0.0	89.6	2.64	gravel/sand	< 6.2	160 ± 7.4	160	
					2024/11/1	Sunny	20.8	0.3	16.9	3	Grayish yellow brown	None	0.0	0.3	16.9	53.4	20.2	8.0	0.8	0.4	79.6	2.66	gravel/sand	< 9.7	570 ± 14	570	
					2024/12/20	Sunny	9.5	0.3	5.8	3	Grayish yellow brown	None	0.0	1.0	41.6	38.9	17.2	1.1	0.1	0.1	85.0	2.67	gravel/sand	< 7.0	250 ± 9.7	250	
	24	Maeda River	National Route 6, west	Futaba Town	2024/5/9	Cloudy	19.4	0.2	15.2	3	Dark brown	Faint seaweed	0.0	1.7	46.1	39.9	11.6	0.5	0.1	0.1	91.3	2.68	gravel/sand	< 7.9	480 ± 12	480	
					2024/6/26	Cloudy	26.8	0.2	23.2	3	Brownish gray	Faint sewage	0.0	0.0	21.5	22.3	35.2	17.4	2.0	1.6	78.7	2.66	gravel/sand	29 ± 4.0	1,700 ± 26	1,729	
					2024/8/16	Sunny	31.7	0.2	27.7	3	Grayish yellow brown	None	0.0	0.8	31.6	37.2	21.9	4.2	2.5	1.8	80.1	2.68	gravel/sand	< 9.4	940 ± 17	940	
					2024/10/8	Cloudy	19.0	0.2	18.0	3	Dull yellow brown	None	0.0	11.3	35.4	30.0	21.6	0.8	0.5	0.4	81.7	2.67	gravel/sand	< 9.8	760 ± 17	760	
					2024/11/1	Sunny	18.0	0.2	16.1	3	Grayish brown	None	0.0	0.8	29.0	43.5	25.6	0.6	0.2	0.3	82.1	2.68	gravel/sand	8.9 ± 2.0	630 ± 15	638.9	
					2024/12/20	Sunny	10.4	0.4	7.4	4	Dull yellow brown	None	0.0	1.9	59.6	32.6	5.4	0.2	0.2	0.1	88.3	2.68	gravel/sand	7.8 ± 2.2	430 ± 13	437.8	
	25		Nakahama Bridge	Namie Town	2024/5/9	Sunny	20.6	0.4	15.3	3	Dark olive brown	Faint seaweed	0.0	0.1	25.7	36.5	15.7	9.1	6.6	6.3	77.9	2.64	sand/gravel	9.7 ± 2.1	440 ± 13	449.7	
					2024/6/26	Cloudy	27.4	0.4	24.0	3	Grayish yellow brown	None	0.0	0.4	10.7	10.9	23.9	49.1	2.9	2.1	74.4	2.69	sand/silt	13 ± 2.4	750 ± 15	763	
					2024/8/16	Sunny	30.4	0.4	28.3	3	Dull yellow brown	None	0.0	0.3	12.2	11.9	29.3	40.2	2.8	3.3	77.9	2.72	sand/gravel	160 ± 13	11,000 ± 90	11,160	
					2024/10/8	Cloudy	18.5	0.4	18.5	3	Grayish yellow brown	None	0.0	0.4	4.7	6.5	24.6	49.3	10.4	4.1	73.1	2.64	sand/gravel	9.3 ± 2.0	610 ± 14	619.3	
					2024/11/1	Sunny	19.8	0.8	16.4	3	Brownish black	None	0.0	0.0	13.9	22.6	27.3	22.8	6.6	6.8	71.8	2.68	silt/sand	11 ± 2.2	820 ± 15	831	
					2024/12/20	Sunny	10.0	0.3	9.6	3	Dull yellow brown	None	0.0	0.1	15.3	20.1	25.0	31.0	3.2	5.3	75.9	2.71	sand/gravel	10 ± 2.1	660 ± 15	670	
	26	Kumagawa River	National Route 6, west	Okuma Town	2024/5/2	Cloudy	16.3	0.2	13.0	3	Dull yellow brown	None	0.0	0.9	35.6	36.1	23.3	3.5	0.2	0.4	84.8	2.71	gravel/sand	< 7.7	220 ± 8.0	220	
					2024/6/17	Sunny	28.2	0.2	19.4	3	Dull yellow brown	None	0.0	2.7	50.2	39.0	7.8	0.1	0.1	0.1	86.4	2.69	sand/gravel	< 5.0	180 ± 5.9	180	
					2024/8/17	Light Rain	26.1	0.2	23.4	3	Brown	None	0.0	0.8	41.7	49.7	7.6	0.1	0.0	0.1	85.1	2.68	gravel/sand	< 8.7	240 ± 10	240	
					2024/10/8	Cloudy	19.1	0.2	17.0	3	Dull yellow brown	None	0.0	5.8	31.6	54.2	8.1	0.2	0.0	0.1	82.8	2.66	gravel/sand	< 7.6	210 ± 9.3	210	
					2024/11/1	Sunny	19.1	0.3	16.0	3	Brown	None	0.0	0.2	43.4	55.7	0.6	0.1	0.0	0.0	95.0	2.67	gravel/sand	< 4.5	140 ± 6.0	140	
					2024/12/23	Sunny	6.8	0.3	7.8	4	Dull yellow brown	None	0.0	0.2	29.1	43.1	23.6	2.9	0.7	0.4	85.5	2.67	gravel/sand	< 8.8	280 ± 14	280	
	27		Mikuma Bridge		2024/5/2	Sunny	17.9	0.3	17.5	3	Grayish yellow brown	None	0.0	1.3	53.1	28.0	11.3	4.0	0.8	1.5	86.0	2.69	gravel/sand	8.3 ± 1.9	490 ± 8.9	498.3	
					2024/6/20	Sunny	27.0	0.2	24.3	3	Dull yellow brown	None	0.0	1.3	41.9	35.9	16.5	2.9	0.9	0.6	91.1	2.69	gravel/sand	< 8.7	320 ± 14	320	
					2024/8/30	Light Rain	28.1	0.3	24.8	3	Grayish yellow brown	None	0.0	1.8	52.8	32.4	10.7	1.3	0.6	0.4	85.3	2.69	gravel/sand	< 9.5	380 ± 14	380	
					2024/10/18	Cloudy	19.8	0.3	18.9	3	Grayish yellow brown	Faint phytoplankton	0.0	4.3	44.0	35.7	15.2	0.5	0.1	0.2	91.9	2.69	gravel/sand	8.9 ± 1.9	370 ± 11	378.9	
					2024/11/23	Sunny	8.9	0.3	10.4	3	Grayish yellow brown	Faint swamp	0.0	8.9	37.3	26.4	21.5	4.5	1.1	0.3	82.0	2.69	gravel/sand	< 8.7	500 ± 14	500	
					2024/12/16	Sunny	8.5	0.3	9.7	4	Grayish yellow brown	None	0.0	1.4	43.8	40.1	13.2	0.8	0.4	0.3	83.3	2.68	gravel/sand	< 8.7	370 ± 12	370	
	28	Tomioka River	Nabekura Bridge	Kawauchi Village	2024/5/17	Sunny	18.2	0.3	11.2	2	Grayish yellow brown	None	0.0	2.0	35.9	44.8	16.2	0.7	0.2	0.2	85.5	2.65	sand/gravel	< 6.2	37 ± 3.9	37	
					2024/6/26	Cloudy	22.2	0.2	16.6	3	Dull yellow brown	None	0.0	0.0	25.7	38.5	29.2	4.7	0.9	1.0	78.6	2.68	sand/gravel	< 5.9	59 ± 4.7	59	
					2024/8/17	Light Rain	24.3	0.2	21.0	3	Dull yellow brown	None	0.0	0.3	23.9	49.1	23.3	2.1	0.5	0.8	80.6	2.68	gravel/sand	< 7.9	49 ± 5.2	49	
					2024/10/11	Sunny	15.0	0.3	14.0	3	Dull yellow brown	None	0.0	0.2	27.5	45.0	25.2	1.2	0.7	0.2	78.0	2.66	sand/gravel	< 4.8	62 ± 4.7	62	
					2024/11/1	Sunny	12.2	0.2	12.1	3	Dull yellow brown	None	0.0	0.3	44.2	35.2	17.5	1.6	0.9	0.3	77.3	2.66	gravel/sand	< 5.8	76 ± 4.5	76	
					2024/12/23	Sunny	3.5	0.3	3.6	4	Grayish yellow brown	None	0.0	0.3	50.3	34.1	12.7	1.6	0.7	0.3	85.2	2.68	gravel/sand	< 6.5	55 ± 4.7	55	
	29		Sakaigawa Bridge		2024/5/17	Sunny	20.4	0.4	13.1	3	Dull yellow brown	None	0.0	0.5	28.0	44.4	24.9	1.6	0.2	0.4	90.8	2.67	sand/gravel	< 5.2	88 ± 4.9	88	
					2024/6/26	Cloudy	24.7	0.2	15.9	3	Dull yellow brown	None	0.0	0.0	20.6	40.0	36.1	2.7	0.3	0.3	80.0	2.69	sand/gravel	< 7.6	110 ± 6.7	110	
					2024/8/16	Cloudy	28.0	0.2	19.1	4	Grayish yellow brown	None	0.0	0.2	24.3	42.5	30.7	2.0	0.1	0.2	81.3	2.70	sand/gravel	< 7.1	99 ± 6.4	99	
					2024/10/11	Sunny	15.0	0.3	14.2	3	Dull yellow brown	None	0.0	0.0	27.1	47.6	24.4	0.8	0.0	0.1	78.4	2.69	sand/gravel	< 6.4	110 ± 6.6	110	
					2024/11/1	Sunny	13.6	0.2	13.0	3	Dull yellow brown	None	0.0	0.0	17.0	55.5	27.1	0.2	0.1	0.1	79.0	2.68	sand/gravel	< 6.2	110 ± 6.0	110	
					2024/12/23	Sunny	6.2	0.2	6.5	4	Dull yellow brown	None	0.0	0.0	12.2	53.7	32.5	1.2	0.2	0.2	78.2	2.70	sand/gravel	< 9.1	140 ± 8.8	140	
	30		National Route 6, west	Tomioka Town	2024/5/2	Sunny	20.8	0.2	13.2	3	Grayish yellow brown	None	0.0	1.0	36.4	33.6	24.4	3.3	0.5	0.8	82.3	2.71	gravel/sand	12 ± 2.6	450 ± 13	462	
					2024/6/26	Sunny	27.6	0.4	17.8	3	Grayish yellow brown	Faint swamp	0.0	0.4	26.6	39.7	29.6	2.8	0.4	0.5	82.5	2.71	gravel/sand	< 8.2	290 ± 10	290	
					2024/8/16	Cloudy	29.1	0.2	24.9	4	Grayish yellow brown	None	0.0	2.1	58.0	31.8	7.7	0.2	0.1	0.1	85.5	2.69	sand/gravel	< 5.8	160 ± 6.8	160	
					2024/10/11	Sunny	19.0	0.4	18.0	3	Grayish yellow brown	None	0.0	0.7	39.9	36.5	19.6	2.1	0.7	0.5	82.3	2.69	sand/gravel	< 6.5	290 ± 10	290	
					2024/11/1	Sunny	24.2	0.4	16.3	3	Dull yellow brown	Faint fish	0.0	0.9	42.9	37.1	18.4	0.4	0.1	0.2	82.7	2.70	gravel/sand	< 5.9	300 ± 11	300	
					2024/12/23	Sunny	3.8	0.5	4.8	3	Grayish yellow brown	None	0.0	0.2	26.6	39.5	28.9	3.5	1.1	0.2	81.3	2.72	sand/gravel	< 9.4	520 ± 14	520	

Fukushima River(Sediment_Hamadori) 4/6

	No.	Water Area	Location	Municipality	Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment temperature (℃)	Sediment: General items: Sample length (cm)	Color	Odor	Grain size distribution(%): Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay	Sediment content (%)	Density (Mg/m^3)	Property	Activity concentration [Bq/kg(dry)]: Radioactive cesium: Cs-134	Cs-137	Total	Remarks
Rivers	31	Tomioka River	Kobama Bridge	Tomioka Town	2024/5/2	Sunny	19.3	0.5	16.7	3	Grayish yellow brown	Faint fish	0.0	2.8	43.5	39.7	5.5	7.2	0.6	0.7	85.8	2.68	gravel/sand	< 7.2	250 ± 9.6	250	
					2024/6/26	Sunny	28.7	0.2	24.2	3	Grayish yellow brown	None	0.0	1.5	39.2	22.2	9.8	25.1	1.3	0.9	85.4	2.71	gravel/sand	< 7.2	300 ± 10	300	
					2024/8/16	Cloudy	31.7	0.3	24.1	4	Brownish gray	None	0.0	0.1	14.3	14.7	18.3	49.8	1.5	1.3	77.6	2.70	gravel/sand	< 7.6	390 ± 11	390	
					2024/10/11	Sunny	19.0	0.5	18.9	3	Grayish yellow brown	None	0.0	1.4	40.5	22.9	15.2	18.4	1.2	0.4	83.4	2.71	gravel/sand	8.8 ± 2.3	390 ± 11	398.8	
					2024/11/1	Sunny	22.1	0.4	17.1	3	Dull yellow brown	Faint fish	0.0	0.4	36.8	54.6	7.7	0.1	0.1	0.3	87.8	2.68	gravel/sand	< 6.6	200 ± 8.4	200	
					2024/12/23	Sunny	4.0	0.4	6.7	3	Dull yellow brown	None	0.0	0.1	34.0	41.4	16.0	7.0	1.1	0.4	84.0	2.70	sand/gravel	< 6.2	310 ± 12	310	
	32	Idegawa River	Motogama Bridge	Naraha Town	2024/5/22	Sunny	21.4	0.3	18.2	3	Brownish gray	Faint swamp	0.0	1.1	31.4	21.3	40.0	5.7	0.1	0.4	81.1	2.71	sand/gravel	< 6.6	120 ± 6.7	120	
					2024/6/26	Sunny	28.7	0.1	21.5	3	Grayish yellow brown	Faint swamp	0.0	0.1	33.8	27.8	30.0	7.0	0.8	0.5	82.7	2.72	gravel/sand	< 3.7	97 ± 4.0	97	
					2024/8/16	Cloudy	29.1	0.1	23.7	4	Dark grayish yellow	None	0.0	0.4	25.5	32.7	36.0	4.7	0.4	0.3	83.5	2.72	sand/gravel	< 9.1	110 ± 7.2	110	
					2024/10/8	Light Rain	18.5	0.2	17.0	3	Dark grayish yellow	None	0.0	14.6	31.7	25.9	25.8	1.6	0.2	0.2	84.4	2.72	sand/gravel	< 6.8	110 ± 6.4	110	
					2024/11/15	Cloudy	18.6	0.2	11.0	3	Dark grayish yellow	None	0.0	5.5	24.4	25.9	37.2	4.9	1.4	0.7	79.1	2.75	sand/gravel	< 6.8	150 ± 7.5	150	
					2024/12/24	Sunny	3.2	0.2	7.3	3	Olive brown	None	0.0	0.2	22.5	28.8	35.8	9.7	1.9	1.1	79.0	2.72	gravel/sand	< 7.5	150 ± 9.0	150	
	33	Kawauchi River	Before the confluence with Kidogawa River (Futamatabashi Bridge)	Kawauchi Village	2024/5/17	Sunny	17.9	0.2	11.6	3	Grayish yellow brown	None	0.0	1.9	49.2	37.6	10.4	0.7	0.1	0.1	89.7	2.66	sand/gravel	< 6.1	24 ± 2.9	24	
					2024/6/26	Cloudy	24.5	0.2	15.6	3	Grayish yellow brown	Faint swamp	0.0	0.0	28.4	33.4	28.4	8.7	0.6	0.5	83.3	2.66	gravel/sand	< 3.9	64 ± 3.5	64	
					2024/8/16	Cloudy	27.9	0.2	19.1	4	Grayish yellow brown	None	0.0	0.5	30.2	25.6	33.2	9.3	0.6	0.6	81.3	2.66	sand/gravel	< 8.4	45 ± 5.6	45	
					2024/10/11	Sunny	16.0	0.2	15.0	3	Dull yellow brown	None	0.0	0.3	41.2	32.2	19.9	5.2	0.7	0.5	82.3	2.66	gravel/sand	< 6.3	41 ± 3.8	41	
					2024/11/1	Sunny	13.8	0.2	12.1	3	Dull yellow brown	None	0.0	0.1	19.9	42.4	35.8	1.5	0.1	0.2	77.7	2.66	gravel/sand	< 6.4	33 ± 3.8	33	
					2024/12/23	Sunny	3.0	0.2	5.6	3	Dull yellow brown	None	0.0	0.1	36.0	32.0	22.4	7.8	1.0	0.7	83.2	2.67	sand/gravel	< 8.2	69 ± 6.0	69	
	34		Nishiyama Bridge		2024/5/17	Sunny	15.3	0.5	12.8	2	Grayish yellow brown	None	0.0	0.0	0.1	1.8	81.0	15.2	1.2	0.7	70.9	2.66	sand	< 8.1	51 ± 4.9	51	
					2024/6/26	Cloudy	23.1	0.4	18.7	4	Grayish yellow brown	Faint swamp	0.0	0.0	0.1	0.7	78.6	19.8	0.4	0.4	73.5	2.68	sand	< 5.2	27 ± 2.6	27	
					2024/8/16	Light Rain	27.6	0.5	23.1	5	Grayish yellow brown	None	0.0	0.0	9.0	34.2	55.5	1.2	0.0	0.1	76.9	2.66	sand/gravel	< 8.0	14 ± 3.3	14	
					2024/10/11	Sunny	16.0	0.5	14.0	3	Grayish yellow brown	None	0.0	0.0	1.1	9.5	69.2	18.1	1.7	0.4	74.1	2.68	sand/gravel	< 8.5	20 ± 3.4	20	
					2024/11/1	Sunny	11.5	0.6	11.0	3	Dull yellow brown	None	0.0	0.0	13.9	68.9	17.1	0.1	0.0	0.0	77.9	2.64	gravel/sand	< 4.2	5.3 ± 1.1	5.3	
					2024/12/23	Sunny	1.8	0.6	3.7	4	Grayish yellow brown	None	0.0	0.0	1.8	14.0	80.9	2.7	0.2	0.4	76.1	2.67	sand/gravel	< 9.1	13 ± 3.6	13	
	35	Kidogawa River	Nagatoro Bridge	Naraha Town	2024/5/22	Sunny	22.9	0.4	18.2	3	Dull yellow brown	None	0.0	2.3	46.9	28.8	21.3	0.6	0.0	0.1	93.3	2.67	sand/gravel	< 6.6	28 ± 3.6	28	
					2024/6/21	Cloudy	24.5	0.2	20.8	3	Dull yellow brown	None	0.0	1.1	46.2	45.3	6.5	0.5	0.2	0.2	94.1	2.65	sand/gravel	< 4.8	13 ± 1.8	13	
					2024/8/16	Cloudy	28.0	0.2	25.1	4	Grayish yellow brown	None	0.0	0.4	38.6	44.4	15.0	1.4	0.1	0.1	81.9	2.67	sand/gravel	< 5.8	18 ± 4.3	18	
					2024/10/28	Cloudy	18.0	0.2	15.5	3	Dull yellow brown	None	0.0	2.7	61.6	34.6	0.9	0.1	0.0	0.1	85.3	2.66	sand/gravel	< 5.9	14 ± 2.4	14	
					2024/11/15	Cloudy	14.6	0.2	14.0	3	Grayish yellow brown	None	0.0	1.3	70.4	23.3	2.5	1.2	0.7	0.6	77.9	2.65	sand/gravel	< 7.3	33 ± 4.0	33	
					2024/12/24	Sunny	8.0	0.3	12.8	4	Grayish yellow brown	None	0.0	0.2	42.1	44.2	11.8	1.2	0.3	0.2	87.5	2.67	gravel/sand	< 7.0	47 ± 4.7	47	
	36		Kidokawa Bridge		2024/5/22	Sunny	21.8	0.2	19.2	3	Grayish yellow brown	None	0.0	1.5	44.1	44.0	10.3	0.0	0.0	0.1	83.7	2.67	sand/gravel	< 4.4	17 ± 2.6	17	
					2024/6/21	Cloudy	23.7	0.3	20.9	3	Dull yellow brown	None	0.0	1.9	26.1	41.8	25.9	2.6	1.0	0.7	83.2	2.67	sand/gravel	< 4.3	45 ± 3.0	45	
					2024/8/16	Light Rain	27.8	0.2	28.2	4	Dull yellow brown	None	0.0	0.4	39.2	41.4	15.5	2.2	0.5	0.8	85.9	2.67	sand/gravel	< 9.6	29 ± 4.6	29	
					2024/10/28	Cloudy	17.8	0.3	15.0	3	Dull yellow brown	None	0.0	0.7	25.5	58.4	15.0	0.2	0.1	0.1	83.6	2.66	sand/gravel	< 6.8	24 ± 3.1	24	
					2024/11/15	Cloudy	17.5	0.2	14.0	3	Dull yellow brown	None	0.0	0.0	9.1	68.7	21.8	0.1	0.1	0.2	77.8	2.67	sand/gravel	< 7.8	32 ± 4.0	32	
					2024/12/24	Sunny	7.1	0.3	4.6	4	Dull yellow brown	None	0.0	0.2	29.2	51.9	17.9	0.5	0.2	0.1	86.7	2.66	sand/gravel	< 6.7	23 ± 3.5	23	
	37	Asami River	Boda Bridge	Hirono Town	2024/5/23	Sunny	23.6	0.4	16.4	3	Dark grayish yellow	None	0.0	0.3	15.9	42.6	40.4	0.5	0.1	0.2	86.2	2.66	sand/gravel	< 7.6	17 ± 3.3	17	
					2024/6/29	Sunny	26.6	0.3	19.7	4	Dark grayish yellow	None	0.0	0.1	14.0	35.9	48.7	1.1	0.0	0.2	80.0	2.67	sand/gravel	< 3.6	29 ± 2.4	29	
					2024/8/15	Sunny	32.0	0.3	29.9	3	Dark grayish yellow	None	0.0	1.8	30.1	30.2	34.8	2.6	0.2	0.3	83.7	2.68	sand/gravel	< 5.4	20 ± 2.7	20	
					2024/10/28	Cloudy	18.1	0.2	16.7	3	Grayish yellow brown	None	0.0	4.3	27.3	48.9	19.2	0.2	0.0	0.1	82.1	2.67	gravel/sand	< 5.7	26 ± 3.4	26	
					2024/11/15	Cloudy	19.8	0.2	16.0	3	Dark grayish yellow	None	0.0	0.2	18.2	34.8	43.0	2.7	0.6	0.5	80.0	2.67	sand/gravel	< 6.1	120 ± 6.8	120	
					2024/12/24	Sunny	8.4	0.4	5.9	4	Dark grayish yellow	None	0.0	0.0	10.2	39.8	44.7	3.9	0.9	0.5	79.6	2.66	sand/gravel	< 6.7	50 ± 4.6	50	
	38	Ohisa River	Kageiso Bridge	Iwaki City	2024/5/23	Sunny	24.0	0.2	23.2	3	Dark grayish yellow	None	0.0	0.4	15.4	15.2	62.2	5.5	0.9	0.4	80.6	2.65	sand/gravel	< 7.5	37 ± 5.2	37	
					2024/6/29	Sunny	25.4	0.2	26.9	4	Dark grayish yellow	None	0.0	0.0	0.3	0.5	2.6	74.3	13.2	9.1	67.1	2.64	sand	< 7.9	130 ± 6.2	130	
					2024/8/15	Sunny	31.3	0.3	32.2	5	Dark grayish yellow	None	0.0	2.3	42.2	27.7	22.9	3.3	0.7	0.9	87.0	2.65	sand/gravel	< 5.9	75 ± 5.1	75	
					2024/10/28	Cloudy	18.5	0.2	18.0	3	Dark grayish yellow	None	0.0	3.8	19.5	20.3	53.9	2.0	0.3	0.2	79.8	2.66	sand/gravel	< 6.2	44 ± 4.1	44	
					2024/11/19	Sunny	11.1	0.1	11.2	3	Dull yellow brown	None	0.0	2.4	35.7	15.7	34.9	7.0	2.2	2.1	84.7	2.64	gravel/sand	< 5.4	74 ± 5.1	74	
					2024/12/24	Sunny	7.0	0.3	6.1	3	Dark grayish yellow	None	0.0	2.1	34.9	22.4	34.5	3.5	1.7	0.9	85.8	2.65	sand/gravel	< 6.4	77 ± 5.8	77	
	39	Kohisa River	Rengo Bridge		2024/5/24	Sunny	20.6	0.3	19.3	3	Dark grayish yellow	None	0.0	0.5	21.0	36.1	40.1	1.9	0.2	0.2	85.5	2.63	sand/gravel	< 6.4	29 ± 3.8	29	
					2024/6/29	Sunny	24.5	0.1	22.6	2	Olive brown	None	0.0	0.4	29.2	25.1	36.1	7.2	0.8	1.2	83.7	2.65	gravel/sand	< 4.7	26 ± 3.0	26	
					2024/8/15	Sunny	31.4	0.2	31.0	4	Dark grayish yellow	None	0.0	0.5	35.8	44.0	18.6	0.7	0.1	0.3	82.9	2.63	sand/gravel	< 7.3	24 ± 3.7	24	
					2024/10/28	Cloudy	18.7	0.2	17.5	3	Dull yellow brown	None	0.0	6.8	25.1	28.9	33.9	4.2	0.6	0.5	79.8	2.66	sand/gravel	< 5.3	46 ± 3.8	46	
					2024/11/19	Sunny	11.7	0.1	9.8	3	Grayish yellow brown	None	0.0	1.1	30.2	24.3	35.3	8.3	0.5	0.3	81.2	2.66	gravel/sand	< 5.9	36 ± 3.8	36	
					2024/12/24	Sunny	6.8	0.2	5.2	4	Dark grayish yellow	None	0.0	0.3	32.6	32.0	30.1	4.3	0.4	0.3	83.5	2.65	sand/gravel	< 8.0	32 ± 4.1	32	
	40	Niida River	Kasumida Bridge		2024/5/24	Sunny	29.2	0.2	21.0	3	Grayish yellow brown	None	0.0	0.9	30.7	29.5	33.4	5.0	0.3	0.2	85.9	2.69	sand/gravel	< 7.3	16 ± 2.5	16	
					2024/6/29	Sunny	27.7	0.4	24.0	2	Dark grayish yellow	Faint swamp	0.0	3.1	40.8	27.2	22.1	5.8	0.4	0.6	82.8	2.70	gravel/sand	< 5.2	11 ± 2.1	11	
					2024/8/16	Cloudy	29.1	0.2	25.7	4	Dark grayish yellow	None	0.0	2.9	52.2	27.3	12.3	4.4	0.5	0.4	89.2	2.77	sand/gravel	< 7.4	12 ± 2.4	12	
					2024/10/28	Cloudy	19.2	0.3	17.0	3	Grayish yellow brown	Faint algae	0.0	4.8	20.6	35.1	37.9	1.1	0.3	0.2	83.5	2.69	sand/gravel	< 8.4	17 ± 3.8	17	
					2024/11/15	Sunny	11.1	0.3	11.6	3	Grayish yellow brown	None	0.0	2.0	38.2	28.4	28.1	2.6	0.5	0.2	85.1	2.70	gravel/sand	< 6.3	11 ± 2.0	11	
					2024/12/26	Sunny	5.4	0.4	7.9	4	Dark grayish yellow	None	0.0	0.7	24.7	39.7	33.0	1.5	0.3	0.1	79.8	2.69	sand/gravel	< 7.3	13 ± 2.7	13	

Fukushima River(Sediment_Hamadori) 5/6

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																							Remarks
										Sediment																						
										General items																		Activity concentration [Bq/kg(dry)]			
													Grain size distribution(%)														Radioactive cesium			
	No.	Water Area	Location	Municipality					Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay	Sediment content (%)	Density (Mg/m^3)	Property	Cs-134		Cs-137		Total	
Rivers	41	Niida River	Matsuba Bridge	Iwaki City	2024/5/24	Sunny	24.3	0.3	20.2	3	Dark olive brown	None	0.0	0.1	15.4	38.6	35.2	8.4	1.7	0.6	78.7	2.67	sand/gravel	<	6.2	20	± 2.8	20	
					2024/6/29	Sunny	24.5	0.6	22.6	3	Grayish yellow brown	None	0.0	0.2	22.8	36.0	33.7	6.1	0.5	0.7	80.4	2.67	sand/gravel	<	5.6	22	± 3.0	22	
					2024/8/17	Cloudy	25.7	0.4	26.4	5	Dark grayish yellow	None	0.0	0.1	6.9	24.2	55.8	11.4	0.9	0.7	78.1	2.66	sand/gravel	<	5.8	27	± 3.1	27	
					2024/10/28	Cloudy	18.8	0.3	18.0	3	Dark olive brown	None	0.0	0.8	3.2	17.5	56.5	19.8	1.4	0.8	74.7	2.68	sand/gravel	<	7.2	53	± 5.5	53	
					2024/11/15	Sunny	20.1	0.8	16.1	3	Black	None	0.0	0.0	2.2	11.5	32.9	31.7	8.1	13.6	56.9	2.65	sand/silt	<	8.1	93	± 6.2	93	
					2024/12/24	Sunny	5.7	0.5	10.0	4	Dark grayish yellow	None	0.0	0.0	0.3	2.3	43.3	40.1	4.6	9.4	69.2	2.67	sand/silt	<	9.5	63	± 5.3	63	
	42	Natsui River	Kitanouchi Bridge	Ono Town	2024/5/2	Cloudy	20.2	0.6	18.9	2	Grayish yellow brown	Faint fish	0.0	0.4	31.2	37.1	29.6	1.6	0.0	0.1	92.6	2.71	sand/gravel	<	4.6	5.6	± 1.6	5.6	
					2024/6/10	Cloudy	20.1	0.2	17.2	3	Grayish yellow brown	None	0.0	3.0	31.8	21.7	35.0	7.3	0.5	0.7	85.0	2.93	sand/gravel	<	3.4	4.5	± 1.3	4.5	
					2024/8/15	Cloudy	31.3	0.3	23.8	4	Grayish yellow brown	None	0.0	0.1	6.4	32.3	46.4	10.7	2.1	2.0	77.6	2.74	sand/gravel	<	2.4	23	± 1.3	23	
					2024/10/28	Light Rain	16.9	0.3	14.5	3	Brownish black	None	0.0	1.1	12.0	19.7	53.3	10.5	2.0	1.4	77.1	2.80	sand/gravel	<	5.0	12	± 2.3	12	
					2024/11/20	Sunny	7.3	0.5	10.8	3	Grayish yellow brown	None	0.0	0.7	21.8	27.7	39.7	9.3	0.3	0.5	79.2	2.73	sand/gravel	<	5.8	9.7	± 2.6	9.7	
					2024/12/26	Sunny	9.0	0.4	6.3	3	Grayish olive	None	0.0	0.0	1.6	2.6	30.5	33.0	17.9	14.4	65.1	2.76	sand/silt	<	3.1	29	± 1.7	29	
	43	Natsui River	Kyudayu Bridge	Iwaki City	2024/5/24	Sunny	27.6	0.2	17.7	2	Grayish yellow brown	None	0.0	0.3	15.7	42.5	37.8	2.9	0.5	0.3	79.8	2.67	sand/gravel	<	5.4	5.6	± 1.6	5.6	
					2024/6/18	Light Rain	20.4	0.3	20.1	3	Grayish yellow brown	None	0.0	0.6	13.4	46.1	36.8	2.3	0.5	0.3	80.0	2.67	sand/gravel	<	2.8	3.7	± 1.1	3.7	
					2024/8/17	Sunny	31.8	0.5	27.0	4	Grayish yellow brown	None	0.0	0.3	20.6	44.5	23.9	6.1	2.6	2.0	80.5	2.68	sand	<	6.3	8.7	± 2.2	8.7	
					2024/10/28	Light Rain	19.0	0.3	16.1	3	Yellow brown	None	0.0	0.4	10.8	48.0	37.3	2.4	0.7	0.4	79.5	2.68	sand/gravel	<	3.5	4.9	± 1.0	4.9	
					2024/11/15	Cloudy	18.0	0.7	15.0	3	Dark grayish yellow	None	0.0	0.1	4.0	13.1	21.7	59.5	1.1	0.5	73.6	2.71	sand	<	7.1	15	± 3.1	15	
					2024/12/25	Sunny	8.5	0.3	6.6	4	Olive brown	None	0.0	0.0	8.2	47.1	28.8	12.0	1.5	2.4	79.1	2.67	sand/gravel	<	4.9	16	± 2.6	16	
	44	Natsui River	Rokujumai Bridge	Iwaki City	2024/5/24	Sunny	28.5	0.4	18.1	3	Brownish black	None	0.0	0.8	16.1	17.4	25.2	27.6	6.3	6.6	78.4	2.71	sand/silt	<	9.4	21	± 4.1	21	
					2024/6/28	Light Rain	23.4	0.5	20.4	3	Brownish black	Faint sewage	0.0	0.0	0.9	2.0	7.5	54.2	25.2	10.2	63.3	2.69	sand/silt	<	7.6	41	± 5.3	41	
					2024/8/17	Cloudy	27.3	0.4	25.7	4	Brownish black	Faint sewage	0.0	0.1	6.7	8.9	28.8	30.5	14.3	10.7	63.1	2.69	sand/silt	<	9.8	71	± 7.2	71	
					2024/10/28	Cloudy	18.9	0.4	16.9	3	Brownish black	Faint sewage	0.0	2.4	1.3	1.5	4.3	34.5	32.6	23.4	55.8	2.68	sand/silt	<	8.6	110	± 6.0	110	
					2024/11/15	Cloudy	19.6	1.0	14.8	3	Olive black	None	0.0	0.0	0.0	1.5	23.0	43.2	17.7	14.6	50.2	2.66	sand/silt	<	9.2	100	± 6.4	100	
					2024/12/26	Sunny	4.6	0.7	5.4	4	Brownish black	Faint sewage	0.0	0.0	0.1	0.3	21.4	32.7	26.5	19.0	50.8	2.66	silt/sand	<	9.5	99	± 7.3	99	
	45	Yoshima River	Iwaanatsuri Bridge	Iwaki City	2024/5/28	Light Rain	19.9	0.2	17.1	3	Dark grayish yellow	None	0.0	0.2	15.5	36.5	41.9	4.6	1.0	0.3	77.5	2.69	sand/gravel	<	3.0	17	± 1.6	17	
					2024/6/18	Light Rain	20.2	0.2	19.6	3	Dark grayish yellow	None	0.0	0.6	29.7	43.5	23.8	1.6	0.4	0.4	87.9	2.69	sand/gravel	<	3.3	8.7	± 1.2	8.7	
					2024/8/17	Sunny	31.4	0.2	24.3	3	Brownish black	Faint swamp	0.0	0.2	33.6	27.5	32.6	4.8	0.5	0.8	79.5	2.71	gravel/sand	<	8.6	16	± 2.6	16	
					2024/10/28	Light Rain	17.9	0.2	15.0	3	Dark grayish yellow	Faint swamp	0.0	6.3	31.8	30.3	28.8	2.0	0.4	0.4	82.9	2.72	sand/gravel	<	6.9	9.8	± 2.3	9.8	
					2024/11/15	Cloudy	17.3	0.2	14.0	2	Dark grayish yellow	Faint fish	0.0	0.2	17.0	23.5	43.4	10.9	2.1	2.9	77.3	2.71	gravel/sand	<	5.0	22	± 3.2	22	
					2024/12/25	Sunny	8.0	0.2	6.0	4	Brownish black	None	0.0	0.1	15.5	30.0	44.6	7.1	1.2	1.5	76.7	2.68	sand/gravel	<	8.3	120	± 8.0	120	
	46	Yoshima River	Before the confluence with Natsui River	Iwaki City	2024/5/28	Light Rain	23.4	0.4	18.1	3	Brownish gray	None	0.0	0.1	8.6	37.7	50.6	2.6	0.2	0.2	80.4	2.68	sand/gravel	<	3.3	7.2	± 1.1	7.2	
					2024/6/28	Light Rain	23.3	0.3	20.3	3	Yellowish gray	None	0.0	0.2	8.1	43.3	47.4	0.7	0.0	0.3	79.0	2.68	sand/gravel	<	6.1	9.6	± 2.6	9.6	
					2024/8/16	Cloudy	26.3	0.3	26.8	4	Yellowish gray	None	0.0	0.0	2.6	15.3	77.4	3.7	0.4	0.6	75.1	2.67	sand/gravel	<	9.2	17	± 3.3	17	
					2024/10/28	Light Rain	18.8	0.3	16.0	3	Dark grayish yellow	None	0.0	0.2	5.9	25.1	60.5	7.7	0.3	0.3	77.1	2.67	sand/gravel	<	7.0	11	± 3.0	11	
					2024/11/15	Sunny	19.9	0.5	15.0	3	Grayish yellow brown	None	0.0	0.1	6.0	29.7	60.4	3.0	0.4	0.4	76.7	2.67	sand/gravel	<	5.1	14	± 2.8	14	
					2024/12/25	Sunny	11.3	0.5	9.3	4	Dark grayish yellow	None	0.0	0.0	2.8	23.1	70.4	3.2	0.3	0.2	76.4	2.68	sand/gravel	<	6.7	12	± 2.8	12	
	47	Fujiwara River	Shima Bridge		2024/5/20	Sunny	23.0	0.5	19.9	4	Yellowish gray	None	0.0	0.0	0.0	1.8	23.5	54.9	8.3	11.5	65.2	2.65	silt/sand	<	9.3	85	± 7.3	85	
					2024/6/28	Light Rain	22.7	0.2	24.2	3	Yellowish gray	None	0.0	0.1	2.3	8.0	62.5	22.8	2.3	2.0	74.9	2.65	sand	<	7.0	20	± 3.5	20	
					2024/8/16	Cloudy	29.0	0.3	28.5	4	Yellowish gray	None	0.0	0.0	3.9	10.0	44.8	34.4	3.3	3.6	73.4	2.65	sand/gravel	<	7.5	38	± 4.6	38	
					2024/10/25	Sunny	24.0	0.3	21.1	3	Yellowish gray	None	0.0	0.0	0.1	0.2	50.8	44.7	2.9	1.3	71.0	2.67	sand	<	6.5	23	± 3.5	23	
					2024/11/15	Light Rain	19.0	0.5	16.2	3	Olive black	None	0.0	0.0	1.1	2.5	25.6	60.3	4.2	6.3	69.8	2.66	sand	<	7.0	29	± 4.1	29	
					2024/12/25	Sunny	10.7	0.5	8.3	3	Grayish olive	None	0.0	0.0	0.6	1.7	24.8	55.9	7.2	9.8	63.4	2.65	sand/silt	<	7.8	54	± 5.4	54	
	48	Fujiwara River	Minato-ohashi Bridge		2024/5/28	Light Rain	19.2	0.3	19.9	3	Olive black	None	0.0	0.0	0.2	0.6	11.3	71.7	8.4	7.8	66.2	2.64	sand	<	3.8	35	± 2.4	35	
					2024/6/28	Light Rain	21.7	0.6	22.5	3	Dull yellow brown	None	0.0	0.0	0.5	2.3	68.4	25.6	1.8	1.4	73.4	2.67	sand	<	8.3	16	± 3.3	16	
					2024/8/16	Cloudy	30.8	0.8	29.0	4	Olive brown	None	0.0	0.0	1.7	5.3	52.4	24.0	7.7	8.9	66.2	2.70	silt/sand	<	8.4	27	± 4.0	27	
					2024/10/25	Sunny	23.8	0.8	22.0	3	Olive black	Faint sewage	0.0	0.1	0.5	0.8	37.1	60.3	0.5	0.7	75.3	2.67	sand	<	6.9	12	± 2.3	12	
					2024/11/15	Light Rain	15.9	1.5	17.3	3	Olive black	None	0.0	0.0	0.0	8.6	38.3	30.8	10.2	12.1	49.9	2.64	silt/sand	<	9.4	56	± 4.8	56	
					2024/12/25	Sunny	10.3	0.5	13.5	4	Grayish olive	None	0.0	0.0	1.0	3.7	70.5	22.6	1.3	0.9	75.8	2.67	sand	<	5.2	8.5	± 1.5	8.5	
	49	Samegawa River	Idosawa Bridge		2024/5/28	Light Rain	19.9	0.4	17.0	3	Brownish gray	None	0.0	0.4	29.6	34.7	32.3	2.7	0.2	0.1	83.7	2.82	sand/gravel	<	2.5	10	± 1.2	10	
					2024/6/27	Sunny	22.3	0.4	20.4	3	Grayish yellow brown	None	0.0	3.7	72.1	19.9	4.1	0.2	0.0	0.0	96.4	2.69	gravel/sand	<	9.4	10	± 2.7	10	
					2024/8/16	Cloudy	27.9	0.4	27.0	3	Brownish black	None	0.0	0.2	20.2	26.7	35.6	12.3	1.9	3.1	78.3	2.77	gravel/sand	<	9.9	14	± 3.4	14	
					2024/10/25	Sunny	19.6	0.4	18.0	3	Brownish black	None	0.0	11.6	29.1	23.9	28.6	4.1	1.9	0.8	77.5	2.77	gravel/sand	<	5.8	8.7	± 2.4	8.7	
					2024/11/15	Cloudy	17.7	1.3	13.2	3	Dark grayish yellow	Faint fish	0.0	0.8	30.5	30.6	32.3	4.0	1.1	0.7	81.3	2.78	sand/gravel	<	5.4	10	± 2.0	10	
					2024/12/24	Sunny	8.1	0.6	6.1	3	Dark grayish yellow	None	0.0	7.9	35.5	29.3	22.5	3.2	1.0	0.6	81.0	2.77	gravel/sand	<	3.7	4.8	± 1.1	4.8	
	50	Samegawa River	Samegawa Bridge		2024/5/29	Cloudy	17.2	0.4	18.3	3	Yellowish gray	Faint seaweed	0.0	0.0	2.2	2.5	32.1	45.6	8.5	9.1	72.1	2.75	sand/silt	<	9.1	42	± 4.4	42	
					2024/6/27	Sunny	23.4	0.4	24.3	3	Yellowish gray	None	0.0	0.1	7.0	9.6	36.1	39.4	4.6	3.2	74.0	2.73	sand	<	8.7	22	± 3.5	22	
					2024/8/16	Sunny	29.7	0.5	29.4	3	Dark grayish yellow	Faint seaweed	0.0	0.2	0.2	1.6	56.1	34.5	3.5	3.9	73.3	2.76	sand	<	6.8	41	± 4.9	41	
					2024/10/25	Sunny	23.1	0.3	20.1	3	Dark grayish yellow	Faint seaweed	0.0	2.5	9.9	20.0	42.8	23.5	0.7	0.6	77.6	2.74	sand	<	4.6	12	± 2.2	12	
					2024/11/15	Light Rain	15.2	0.3	15.0	3	Dark grayish yellow	None	0.0	0.3	17.3	19.9	41.9	17.5	1.7	1.4	76.0	2.75	sand/gravel	<	5.3	34	± 3.5	34	
					2024/12/25	Sunny	8.5	0.4	11.3	4	Yellowish gray	None	0.0	0.0	3.4	4.7	56.3	30.7	2.4	2.5	72.2	2.76	sand	<	9.3	25	± 3.8	25	

Fukushima River(Sediment_Hamadori) 6/6

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																		Remarks
										Sediment																	
										General items														Activity concentration [Bq/kg(dry)]			
													Grain size distribution(%)								Sediment content (%)	Density (Mg/m^3)	Property	Radioactive cesium			
	No.	Water Area	Location	Municipality					Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Rivers	51	Shitoki River	Komuro Bridge	Iwaki City	2024/5/20	Sunny	24.0	0.3	13.6	3	Dark grayish yellow	None	0.0	0.2	17.2	57.5	23.8	0.9	0.2	0.2	81.7	2.70	sand/gravel	< 2.8	5.8 ± 1.1	5.8	
					2024/6/18	Light Rain	19.3	0.3	15.2	4	Grayish yellow brown	None	0.0	0.1	17.8	20.4	52.6	8.6	0.2	0.3	78.1	2.74	sand/gravel	< 5.3	10 ± 2.3	10	
					2024/8/16	Cloudy	28.6	0.3	28.6	3	Dark grayish yellow	None	0.0	0.1	13.9	41.8	39.6	3.8	0.4	0.4	80.1	2.73	sand/gravel	< 6.5	7.1 ± 2.2	7.1	
					2024/10/25	Sunny	19.2	0.3	16.0	3	Dark grayish yellow	None	0.0	0.0	4.1	29.5	63.8	2.1	0.2	0.3	77.3	2.72	sand/gravel	< 6.7	11 ± 2.7	11	
					2024/11/15	Cloudy	17.2	0.3	12.2	3	Dark grayish yellow	None	0.0	0.0	14.0	57.4	27.9	0.4	0.2	0.1	80.4	2.71	gravel/sand	< 3.7	5.5 ± 1.2	5.5	
					2024/12/24	Sunny	5.8	0.4	5.4	3	Dark grayish yellow	None	0.0	0.9	5.5	39.4	52.8	0.9	0.3	0.2	76.4	2.75	sand/gravel	< 5.9	7.3 ± 1.6	7.3	
	52	Binda River	Kobana Bridge		2024/5/29	Cloudy	20.5	0.4	18.6	3	Dark grayish yellow	None	0.0	0.1	2.1	3.3	43.8	45.8	2.3	2.6	68.6	2.69	sand/gravel	< 8.8	48 ± 5.1	48	
					2024/6/27	Cloudy	24.6	0.4	23.8	3	Brownish black	None	0.0	0.0	8.9	10.2	38.9	32.1	4.3	5.6	71.6	2.70	sand/gravel	< 8.6	45 ± 5.7	45	
					2024/8/16	Sunny	30.4	0.4	27.6	3	Brownish black	Faint algae	0.0	0.3	2.2	5.1	43.5	30.0	6.9	12.0	69.6	2.69	sand	< 7.8	59 ± 5.5	59	
					2024/10/25	Sunny	22.7	0.4	18.6	3	Brownish black	Faint algae	0.0	9.1	27.8	27.5	28.7	5.8	0.6	0.5	78.3	2.71	sand/gravel	< 7.0	30 ± 4.7	30	
					2024/11/19	Cloudy	13.9	0.3	12.8	4	Dark grayish yellow	Faint fish	0.0	0.8	11.0	14.2	50.6	19.4	3.2	0.8	75.3	2.71	sand/gravel	< 9.2	37 ± 4.6	37	
					2024/12/25	Sunny	6.0	0.4	4.9	4	Brownish black	None	0.0	0.2	15.5	16.4	48.8	16.1	1.8	1.2	74.9	2.70	sand/gravel	< 6.1	38 ± 4.2	38	
					2024/5/29	Sunny	21.6	0.4	20.4	3	Olive black	None	0.0	0.0	0.0	0.3	42.4	45.6	4.1	7.6	71.3	2.71	sand	< 5.5	63 ± 5.0	63	
	53		Binda Bridge		2024/6/27	Cloudy	25.3	0.3	25.7	3	Black	Faint sewage	0.0	0.0	0.2	0.9	33.2	50.8	5.4	9.5	67.1	2.69	sand	< 8.9	120 ± 8.4	120	
					2024/8/16	Sunny	30.2	0.6	29.0	3	Olive black	Faint sewage	0.0	0.3	0.6	3.0	79.6	6.5	3.8	6.2	68.2	2.69	sand	< 8.8	56 ± 4.7	56	
					2024/10/25	Sunny	23.0	0.4	20.5	3	Olive black	None	0.0	0.6	5.8	7.1	73.4	11.7	0.7	0.7	77.2	2.71	sand	< 7.4	38 ± 4.1	38	
					2024/11/15	Light Rain	17.1	1.2	15.4	3	Black	Faint tar	0.0	0.0	0.6	4.5	85.1	5.5	2.6	1.7	77.6	2.71	sand	< 7.2	29 ± 3.9	29	
					2024/12/25	Sunny	6.2	0.5	7.8	3	Olive black	Faint sewage	0.0	0.4	8.8	3.4	66.1	11.1	3.8	6.4	73.1	2.70	sand	< 6.2	39 ± 4.1	39	

* Reasons for difficulty in entering the study area include winter closures, winter road closures, typhoons and other disasters, construction, etc.

Fukushima River(SE_Hamadori) 1/3

		Location			Sampling Date	Weather	Air temperature (℃)	Surrounding Environment(Soil,Air dose)																	
								Left bank									Right bank								
											Activity concentration [Bq/kg(dry)]				Air dose (μSv/h)				Activity concentration [Bq/kg(dry)]				Air dose (μSv/h)	Remarks
											Radioactive cesium								Radioactive cesium					
	No.	Water Area	Location	Municipality				Color	Odor	Property	Cs-134	Cs-137	Total		Color	Odor	Property	Cs-134	Cs-137	Total					
Rivers	1	Jizogawa River	Hamahata Bridge	Shinchi Town	2024/5/1	Cloudy	15.4	Dull yellow brown	Faint earth	loamy	< 7.2	8.2 ± 2.2	8.2	0.05	Dull yellow brown	Faint earth	Loamy	< 8.8	18 ± 3.5	18	0.06				
					2024/6/5	Sunny	18.0	Dark brown	Faint earth	loamy	< 7.6	9.4 ± 2.1	9.4	0.05	Dull yellow brown	Faint earth	Loamy	< 6.9	22 ± 3.7	22	0.05				
					2024/8/15	Cloudy	29.9	Dark brown	Faint earth	loamy	< 5.9	12 ± 3.2	12	0.04	Dull yellow brown	Faint earth	Loamy	< 8.5	28 ± 4.4	28	0.05				
	2	Koizumi River	Koizumi Bridge	Soma City	2024/5/1	Cloudy	17.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*1				
					2024/6/5	Sunny	26.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*1				
					2024/8/17	Sunny	33.9	-	-	-	-	-	-	0.06	Dark brown	Faint earth	Loamy	< 9.1	230 ± 11	230	0.07	(Left bank)Difficult to collect soils due to topography, etc.*2				
	3		Hyakken Bridge		2024/5/1	Cloudy	19.1	Brown	Faint earth	loamy	< 7.9	< 7.0	-	0.07	Dull yellow brown	Faint earth	Loamy	< 6.8	25 ± 3.8	25	0.06				
					2024/6/24	Cloudy	21.5	Brown	Faint earth	loamy	< 6.7	< 5.7	-	0.07	Brown	Faint earth	Loamy	< 7.3	23 ± 3.3	23	0.04				
					2024/8/17	Sunny	31.9	Brown	Faint earth	loamy	< 8.0	< 8.6	-	0.05	Brown	Faint earth	Loamy	< 9.3	19 ± 4.1	19	0.04				
	4	Uda River	Horisaka Bridge		2024/5/1	Sunny	15.4	Brownish black	Faint earth	loamy	11 ± 3.4	830 ± 18	841	0.07	Grayish yellow brown	None	Sandy	< 9.0	210 ± 11	210	0.11				
					2024/6/17	Sunny	27.1	Brownish black	Faint earth	loamy	11 ± 2.7	840 ± 19	851	0.08	Grayish yellow brown	None	Sandy	< 8.2	190 ± 9.6	190	0.09				
					2024/8/15	Cloudy	29.9	Brownish black	Faint earth	loamy	25 ± 8.1	2,300 ± 50	2,325	0.07	Grayish yellow brown	None	Sandy	< 9.0	150 ± 9.1	150	0.09				
	5		Hyakken Bridge		2024/5/1	Cloudy	16.8	Brown	Faint earth	loamy	< 7.9	120 ± 7.3	120	0.07	Dark brown	Faint earth	Loamy	< 9.4	19 ± 3.6	19	0.06				
					2024/6/24	Cloudy	21.8	Grayish yellow brown	Faint earth	loamy	< 6.6	52 ± 4.9	52	0.06	Dark brown	Faint earth	Loamy	< 8.8	15 ± 3.1	15	0.05				
					2024/8/29	Cloudy	29.4	Brownish black	Faint earth	loamy	< 9.3	300 ± 14	300	0.05	Dark brown	Faint earth	Loamy	< 10	39 ± 5.2	39	0.04				
	6	Mano River	Ochiai Bridge	Minamisoma City	2024/5/2	Sunny	17.8	Dull yellow brown	Faint earth	loamy	12 ± 2.8	680 ± 18	692	0.13	Brown	Faint earth	Loamy	63 ± 6.3	3,200 ± 40	3,263	0.13				
					2024/6/24	Cloudy	23.6	Dark brown	Faint earth	loamy	13 ± 3.7	900 ± 18	913	0.11	Dull yellow brown	Faint earth	Loamy	22 ± 3.8	1,300 ± 25	1,322	0.11				
					2024/8/29	Cloudy	28.2	Dark brown	Faint earth	loamy	12 ± 4.1	560 ± 21	572	0.11	Dark brown	Faint earth	Loamy	< 9.9	770 ± 19	770	0.10				
	7		Majima Bridge		2024/5/2	Sunny	18.8	Dull yellow orange	Faint earth	loamy	< 7.3	15 ± 2.7	15	0.06	Brown	Faint earth	Loamy	< 8.2	24 ± 3.8	24	0.06				
					2024/6/25	Cloudy	24.6	Dark brown	Faint earth	loamy	< 8.0	320 ± 13	320	0.06	Brownish black	Faint earth	Loamy	< 9.4	310 ± 11	310	0.05				
					2024/8/29	Cloudy	29.2	Dark brown	Faint earth	loamy	< 8.8	21 ± 4.1	21	0.06	Dark brown	Faint earth	Loamy	< 8.7	160 ± 10	160	0.05				
	8	Niida River	Kusano	Iitate Village	2024/5/1	Cloudy	14.0	Dark brown	Faint earth	loamy	150 ± 11	10,000 ± 70	10,150	0.47	Dark brown	Faint earth	Loamy	130 ± 8.7	7,400 ± 51	7,530	0.34				
					2024/6/6	Sunny	21.9	Grayish yellow brown	Faint earth	loamy	98 ± 11	5,700 ± 72	5,798	0.44	Dull yellow brown	Faint earth	Loamy	19 ± 4.8	1,700 ± 38	1,719	0.28				
					2024/8/15	Sunny	30.5	Dark brown	Faint earth	loamy	69 ± 10	4,300 ± 69	4,369	0.28	Dark brown	Faint earth	Loamy	22 ± 4.9	1,700 ± 30	1,722	0.25				
	9		Komiya		2024/5/2	Sunny	19.6	Dark brown	Faint earth	loamy	40 ± 5.3	3,200 ± 39	3,240	0.36	Dull yellow brown	Faint earth	Loamy	33 ± 5.0	1,700 ± 28	1,733	0.25				
					2024/6/6	Sunny	22.6	Dull yellow brown	Faint earth	loamy	21 ± 3.8	930 ± 22	951	0.30	Black	Faint earth	Loamy	21 ± 3.4	1,600 ± 25	1,621	0.23				
					2024/8/15	Sunny	32.5	Dull yellow brown	Faint earth	loamy	19 ± 5.8	1,500 ± 32	1,519	0.29	Dark brown	Faint earth	Loamy	59 ± 6.9	4,300 ± 41	4,359	0.22				
	10		Kidouchi Bridge	Minamisoma City	2024/5/2	Sunny	20.9	Dull yellow brown	Faint earth	loamy	45 ± 5.0	2,500 ± 35	2,545	0.22	Dull yellow brown	Faint earth	Loamy	< 7.8	140 ± 7.9	140	0.08				
					2024/6/24	Cloudy	30.2	Dark brown	Faint earth	loamy	55 ± 9.5	2,900 ± 54	2,955	0.16	Dull yellow brown	Faint earth	Loamy	< 8.6	63 ± 5.5	63	0.07				
					2024/8/29	Cloudy	26.0	Dark brown	Faint earth	loamy	28 ± 6.1	2,400 ± 52	2,428	0.17	Dark brown	None	Sandy	< 9.4	210 ± 10	210	0.10				
	11		Sakekawa Bridge		2024/5/2	Sunny	17.2	Grayish yellow brown	Faint earth	loamy	< 7.1	53 ± 4.7	53	0.10	Grayish yellow brown	Faint earth	Loamy	< 9.4	140 ± 8.0	140	0.09				
					2024/6/25	Cloudy	28.3	Brownish black	Faint earth	loamy	< 8.1	170 ± 10	170	0.08	Brownish black	Faint earth	Loamy	< 8.8	31 ± 4.2	31	0.07				
					2024/8/16	Sunny	28.1	Dull yellow brown	Faint earth	loamy	< 8.6	150 ± 8.8	150	0.07	Dark brown	Faint earth	Loamy	< 9.5	340 ± 15	340	0.08				
	12	Ota River	Ishiwatado Bridge		2024/5/1	Cloudy	16.4	Grayish yellow brown	Faint earth	loamy	56 ± 5.6	3,200 ± 33	3,256	0.28	Dull yellow brown	Faint earth	Loamy	52 ± 5.6	3,200 ± 38	3,252	0.29				
					2024/6/25	Sunny	30.0	Brownish black	Faint earth	loamy	71 ± 8.0	3,900 ± 50	3,971	0.26	Dull yellow brown	Faint earth	Loamy	49 ± 4.7	3,100 ± 32	3,149	0.35				
					2024/8/16	Cloudy	28.5	Dark brown	Faint earth	loamy	99 ± 12	6,300 ± 89	6,399	0.27	Dull yellow brown	Faint earth	Loamy	62 ± 8.5	4,300 ± 69	4,362	0.29				
	13		Yagawara Bridge		2024/5/1	Cloudy	16.8	Grayish yellow brown	Faint earth	loamy	38 ± 5.1	2,500 ± 34	2,538	0.22	Dark brown	Faint earth	Loamy	23 ± 3.8	1,400 ± 27	1,423	0.14				
					2024/6/25	Sunny	28.1	Brownish black	Faint earth	loamy	58 ± 5.3	3,700 ± 38	3,758	0.23	Dark brown	Faint earth	Loamy	26 ± 3.2	1,600 ± 23	1,626	0.15				
					2024/8/16	Cloudy	29.8	Dark brown	Faint earth	loamy	28 ± 5.0	2,300 ± 34	2,328	0.21	Dark brown	Faint earth	Loamy	14 ± 2.9	790 ± 19	804	0.13				
	14		Masuda Bridge		2024/5/1	Cloudy	16.2	Dull yellow brown	Faint earth	loamy	< 9.1	490 ± 15	490	0.11	Dark brown	Faint earth	Loamy	13 ± 3.0	760 ± 22	773	0.11				
					2024/6/25	Cloudy	26.7	Dark brown	Faint earth	loamy	7.4 ± 1.6	400 ± 9.8	407.4	0.11	Dark brown	Faint earth	Loamy	< 7.3	700 ± 12	700	0.12				
					2024/8/16	Cloudy	28.6	Dark brown	Faint earth	loamy	11 ± 2.8	470 ± 15	481	0.08	Dark brown	Faint earth	Loamy	11 ± 2.5	950 ± 21	961	0.09				
	15		Taka Bridge		2024/5/1	Cloudy	15.8	Brown	Faint earth	loamy	13 ± 3.9	980 ± 23	993	0.11	Dark brown	Faint earth	Loamy	11 ± 3.1	610 ± 15	621	0.12				
					2024/6/25	Cloudy	29.8	Brown	Faint earth	sandy	12 ± 2.2	770 ± 11	782	0.13	Brownish black	Faint earth	Loamy	< 7.5	330 ± 10	330	0.16				
					2024/8/16	Light Rain	24.8	Dark brown	Faint earth	loamy	< 8.0	390 ± 12	390	0.09	Dark brown	Faint earth	Loamy	20 ± 4.7	950 ± 31	970	0.10				
	16		Maruyama Bridge		2024/5/1	Cloudy	15.2	Dull yellow brown	Faint earth	loamy	< 8.5	53 ± 5.4	53	0.06	Brown	Faint earth	Loamy	< 7.2	20 ± 3.0	20	0.07				
					2024/6/25	Cloudy	31.2	Dull yellow brown	Faint earth	loamy	< 6.8	270 ± 9.5	270	0.04	Brown	Faint earth	Loamy	< 6.2	7.6 ± 2.3	7.6	0.05				
					2024/8/15	Sunny	30.2	Brown	Faint earth	loamy	< 7.6	130 ± 7.1	130	0.05	Dark brown	Faint earth	Loamy	< 5.5	16 ± 2.8	16	0.06				
	17	Odaka River	Shimokawara Bridge		2024/5/2	Sunny	20.6	Brown	Faint earth	sandy	28 ± 5.8	2,100 ± 45	2,128	0.29	Dark brown	Faint earth	Loamy	40 ± 7.6	2,200 ± 53	2,240	0.18				
					2024/6/25	Cloudy	30.6	Dull yellow brown	None	sandy	29 ± 4.6	2,000 ± 33	2,029	0.29	Brownish black	Faint earth	Loamy	31 ± 4.6	1,800 ± 31	1,831	0.16				
					2024/8/15	Sunny	31.1	Dark brown	Faint earth	sandy	32 ± 5.4	1,900 ± 35	1,932	0.27	Dark brown	Faint earth	Loamy	41 ± 5.5	2,600 ± 39	2,641	0.17				
	18		Zencho Bridge		2024/5/1	Cloudy	15.7	Dull yellow brown	Faint earth	loamy	10 ± 2.4	430 ± 13	440	0.09	Brownish black	Faint earth	Loamy	24 ± 3.9	1,700 ± 32	1,724	0.11				
					2024/6/25	Sunny	31.6	Dark brown	Faint earth	loamy	< 7.8	540 ± 14	540	0.08	Brownish black	Faint earth	Loamy	25 ± 4.0	1,500 ± 30	1,525	0.11				
					2024/8/15	Sunny	31.9	Dark brown	Faint earth	loamy	8.3 ± 2.8	490 ± 14	498.3	0.08	Dark brown	Faint earth	Loamy	28 ± 5.3	1,800 ± 34	1,828	0.09				
	19		Hatsukara Bridge		2024/5/1	Cloudy	15.5	Grayish yellow brown	None	sandy	< 7.2	58 ± 5.0	58	0.05	Brownish gray	None	Sandy	< 6.7	< 8.8	-	0.05				
					2024/6/25	Cloudy	28.4	Grayish yellow brown	Faint earth	sandy	< 8.8	16 ± 2.8	16	0.05	Brownish gray	Faint earth	Sandy	< 5.8	9.1 ± 2.1	9.1	0.05				
					2024/8/15	Sunny	29.2	Grayish yellow brown	Faint earth	sandy	< 7.0	91 ± 7.6	91	0.05	Brownish gray	Faint earth	Sandy	< 5.9	12 ± 2.8	12	0.05				
	20	Ukedo River	Murohara Bridge	Namie Town	2024/5/16	Cloudy	18.2	Brownish black	Faint earth	loamy	550 ± 25	38,000 ± 150	38,550	1.42	Brownish black	Faint earth	Loamy	410 ± 15	26,000 ± 96	26,410	1.00				
					2024/6/19	Sunny	28.2	Brownish black	Faint earth	loamy	520 ± 24	37,000 ± 170	37,520	1.47	Brownish black	Faint earth	Loamy	280 ± 19	20,000 ± 130	20,280	0.83				
					2024/7/8	Cloudy	28.3	Brownish gray	Faint earth	loamy	470 ± 16	34,000 ± 120	34,470	1.53	Brownish gray	Faint earth	Loamy	290 ± 13	21,000 ± 97	21,290	0.86				
					2024/8/15	Sunny	29.5	Grayish yellow brown	Faint earth	loamy	1,000 ± 26	69,000 ± 170	70,000	1.57	Dull yellow brown	Faint earth	Loamy	360 ± 16	25,000 ± 110	25,360	0.94				
					2024/9/24	Sunny	24.8	Brownish black	Faint earth	loamy	760 ± 32	56,000 ± 230	56,760	1.47	Brownish black	Faint earth	Loamy	340 ± 21	23,000 ± 160	23,340	0.87				
	21		Ukedo Bridge		2024/5/17	Sunny	22.6	Brownish black	Faint earth	loamy	16 ± 3.9	1,200 ± 22	1,216	0.12	Grayish yellow brown	Faint earth	Loamy	14 ± 3.3	1,100 ± 25	1,114	0.20				
					2024/6/26	Sunny	25.6	Grayish yellow brown	Faint earth	loamy	22 ± 4.1	1,300 ± 25	1,322	0.08	Grayish yellow brown	Faint earth	Loamy	14 ± 2.3	1,100 ± 17	1,114	0.19				
					2024/7/8	Cloudy	29.6	Grayish yellow brown	Faint earth	loamy	24 ± 4.1	1,800 ± 29	1,824	0.10	Grayish yellow brown	Faint earth	Loamy	15 ± 3.0	650 ± 15	665	0.18				
					2024/8/16	Sunny	29.8	Grayish yellow brown	Faint earth	loamy	< 6.3	390 ± 12	390	0.10	Dark brown	Faint earth	Loamy	25 ± 5.4	1,400 ± 37	1,425	0.20				
					2024/9/24	Cloudy	26.3	Dark brown	Faint earth	loamy	30 ± 6.1	1,600 ± 39	1,630	0.08	Grayish yellow brown	Faint earth	Loamy	17 ± 2.9	1,400 ± 20	1,417	0.18				

Fukushima River(SE_Hamadori) 2/3

	Location				Sampling Date	Weather	Air temperature (℃)	Surrounding Environment(Soil,Air dose)																					Remarks
								Left bank											Right bank										
											Activity concentration [Bq/kg(dry)]				Air dose (μSv/h)						Activity concentration [Bq/kg(dry)]				Air dose (μSv/h)		
											Radioactive cesium										Radioactive cesium						
	No.	Water Area	Location	Municipality				Color	Odor	Property	Cs-134	Cs-137	Total		Color	Odor	Property	Cs-134	Cs-137	Total										
Rivers	22	Furumichi River	Before the confluence wi	Tamura City	2024/5/21	Sunny	20.5	Dull yellow brown	Faint earth	loamy	13 ± 2.7	720 ± 18	733	0.13	Dull yellow brown	Faint earth	Loamy	< 7.8	110 ± 6.6	110	0.12								
					2024/6/19	Sunny	25.5	Dull yellow brown	Faint earth	loamy	< 8.1	590 ± 13	590	0.12	Dull yellow brown	Faint earth	Loamy	< 7.4	130 ± 6.9	130	0.12								
					2024/8/15	Sunny	29.8	Dull yellow brown	Faint earth	loamy	13 ± 2.5	1,000 ± 17	1,013	0.14	Dull yellow brown	Faint earth	Loamy	< 6.9	230 ± 8.1	230	0.10								
	23	Takase River	Keio Bridge	Namie Town	2024/5/17	Sunny	25.3	Brownish black	Faint earth	loamy	< 8.3	380 ± 14	380	0.15	Dark brown	Faint earth	Loamy	< 8.9	330 ± 12	330	0.16								
					2024/6/26	Cloudy	26.3	Brown	Faint earth	loamy	< 8.7	380 ± 12	380	0.13	Dark brown	Faint earth	Loamy	9.3 ± 1.9	850 ± 14	859.3	0.15								
					2024/8/16	Sunny	28.1	Dark brown	Faint earth	loamy	< 8.5	160 ± 9.2	160	0.14	Dull yellow brown	Faint earth	Loamy	< 8.7	110 ± 7.7	110	0.14								
	24	Maeda River	National Route 6, west	Futaba Town	2024/5/9	Cloudy	19.4	Dull yellow brown	Faint earth	loamy	59 ± 6.0	4,600 ± 43	4,659	0.36	Dark brown	Faint earth	Loamy	370 ± 17	24,000 ± 120	24,370	1.27								
					2024/6/26	Cloudy	26.8	Dull yellow brown	Faint earth	loamy	< 6.9	650 ± 12	650	0.30	Dark brown	Faint earth	Loamy	330 ± 15	27,000 ± 120	27,330	1.06								
					2024/8/16	Sunny	31.7	Dull yellow brown	Faint earth	loamy	23 ± 3.6	1,300 ± 24	1,323	0.30	Dark brown	Faint earth	Loamy	770 ± 31	61,000 ± 240	61,770	0.84								
	25		Nakahama Bridge	Namie Town	2024/5/9	Sunny	20.6	Dull yellow brown	Faint earth	loamy	32 ± 5.4	1,800 ± 31	1,832	0.19	Dark brown	Faint earth	Loamy	21 ± 5.9	1,600 ± 32	1,621	0.15								
					2024/6/26	Cloudy	27.4	Dull yellow brown	Faint earth	sandy	46 ± 7.5	2,800 ± 51	2,846	0.18	Grayish yellow brown	Faint earth	Sandy	11 ± 2.1	590 ± 15	601	0.07								
					2024/8/16	Sunny	30.4	Dark brown	Faint earth	loamy	52 ± 8.6	3,300 ± 58	3,352	0.20	Dark brown	Faint earth	Loamy	< 5.7	140 ± 6.6	140	0.07								
	26	Kumagawa River	National Route 6, west	Okuma Town	2024/5/2	Cloudy	16.3	Dark brown	Faint earth	loamy	120 ± 12	9,100 ± 96	9,220	0.42	Dark brown	Faint earth	Loamy	410 ± 24	27,000 ± 170	27,410	1.05								
					2024/6/17	Sunny	28.2	Dull yellow brown	Faint earth	loamy	110 ± 8.1	7,000 ± 58	7,110	0.39	Dull yellow brown	Faint earth	Loamy	370 ± 16	25,000 ± 120	25,370	0.95								
					2024/8/17	Light Rain	26.1	Dark brown	Faint earth	loamy	99 ± 7.7	6,600 ± 52	6,699	0.36	Brownish black	Faint earth	Loamy	260 ± 15	18,000 ± 96	18,260	0.83								
	27		Mikuma Bridge		2024/5/2	Sunny	17.9	Grayish yellow brown	Faint earth	sandy	62 ± 9.3	4,600 ± 66	4,662	1.13	Grayish yellow brown	Faint earth	Loamy	510 ± 24	34,000 ± 170	34,510	1.58								
					2024/6/20	Sunny	27.0	Dull yellow brown	Faint earth	sandy	54 ± 7.1	3,300 ± 54	3,354	0.84	Dull yellow brown	Faint earth	Loamy	500 ± 24	32,000 ± 180	32,500	1.61								
					2024/8/30	Light Rain	28.1	Dull yellow brown	Faint earth	loamy	63 ± 9.6	4,100 ± 59	4,163	0.76	Brownish black	Faint earth	Loamy	560 ± 25	38,000 ± 180	38,560	1.59								
	28	Tomioka River	Nabekura Bridge	Kawauchi Village	2024/5/17	Sunny	18.2	Black	Faint earth	loamy	25 ± 4.2	1,700 ± 24	1,725	0.13	Brownish black	Faint earth	Loamy	22 ± 4.9	1,600 ± 27	1,622	0.14								
					2024/6/26	Cloudy	22.2	Brownish black	Faint earth	loamy	21 ± 4.4	1,700 ± 36	1,721	0.14	Dark brown	Faint earth	Loamy	30 ± 6.5	1,700 ± 48	1,730	0.15								
					2024/8/17	Light Rain	24.3	Brownish black	Faint earth	loamy	11 ± 3.0	520 ± 14	531	0.13	Dull yellow brown	Faint earth	Loamy	10 ± 2.3	850 ± 18	860	0.15								
	29		Sakaigawa Bridge		2024/5/17	Sunny	20.4	Dark brown	Faint earth	loamy	150 ± 13	8,000 ± 90	8,150	0.58	Brownish black	Faint earth	Loamy	140 ± 12	10,000 ± 72	10,140	0.71								
					2024/6/26	Cloudy	24.7	Brownish black	Faint earth	loamy	34 ± 6.7	2,500 ± 51	2,534	0.51	Brownish black	Faint earth	Loamy	96 ± 7.8	6,500 ± 56	6,596	0.70								
					2024/8/16	Cloudy	28.0	Brownish black	Faint earth	loamy	46 ± 5.7	3,200 ± 40	3,246	0.61	Brownish black	Faint earth	Loamy	240 ± 17	15,000 ± 120	15,240	0.80								
	30		National Route 6, west	Tomioka Town	2024/5/2	Sunny	20.8	Dull yellow brown	Faint earth	loamy	18 ± 4.1	1,400 ± 33	1,418	0.38	Dark brown	Faint earth	Loamy	140 ± 12	7,600 ± 86	7,740	0.57								
					2024/6/26	Sunny	27.6	Olive brown	Faint earth	loamy	24 ± 3.6	1,300 ± 24	1,324	0.34	Dark brown	Faint earth	Loamy	78 ± 6.9	5,400 ± 52	5,478	0.52								
					2024/8/16	Cloudy	29.1	Dark brown	Faint earth	loamy	11 ± 2.5	770 ± 17	781	0.34	Dark brown	Faint earth	Loamy	50 ± 9.5	3,100 ± 54	3,150	0.49								
	31		Kobama Bridge		2024/5/2	Sunny	19.3	Brown	Faint earth	loamy	< 8.2	79 ± 6.7	79	0.10	Dark brown	Faint earth	Loamy	< 7.9	210 ± 10	210	0.10								
					2024/6/26	Sunny	28.7	Dull yellow brown	Faint earth	loamy	< 10	110 ± 7.3	110	0.11	Brownish black	Faint earth	Loamy	< 9.0	240 ± 10	240	0.10								
					2024/8/16	Cloudy	31.7	Dull yellow brown	Faint earth	loamy	< 7.7	60 ± 5.6	60	0.09	Dark brown	Faint earth	Loamy	< 7.2	200 ± 9.4	200	0.08								
	32	Idegawa River	Motogama Bridge	Naraha Town	2024/5/22	Sunny	21.4	Dark brown	Faint earth	loamy	89 ± 11	7,300 ± 85	7,389	0.25	Dark brown	Faint earth	Loamy	42 ± 9.0	2,800 ± 61	2,842	0.18								
					2024/6/26	Sunny	28.7	Grayish yellow brown	Faint earth	loamy	120 ± 11	6,600 ± 76	6,720	0.21	Dull yellow brown	Faint earth	Loamy	26 ± 5.9	2,000 ± 35	2,026	0.17								
					2024/8/16	Cloudy	29.1	Dark brown	Faint earth	loamy	18 ± 2.6	1,000 ± 17	1,018	0.21	Brownish black	Faint earth	Loamy	23 ± 4.1	1,700 ± 27	1,723	0.16								
	33	Kawauchi River	Before the confluence wi	Kawauchi Village	2024/5/17	Sunny	17.9	Brownish black	Faint earth	loamy	32 ± 5.7	2,200 ± 45	2,232	0.20	Dark brown	Faint earth	Loamy	18 ± 3.4	1,100 ± 23	1,118	0.15								
					2024/6/26	Cloudy	24.5	Dull yellow brown	Faint earth	loamy	51 ± 7.4	2,900 ± 53	2,951	0.22	Dark brown	Faint earth	Loamy	12 ± 2.7	600 ± 18	612	0.14								
					2024/8/16	Cloudy	27.9	Grayish yellow brown	Faint earth	loamy	29 ± 5.6	1,800 ± 41	1,829	0.20	Dull yellow brown	Faint earth	Loamy	< 9.7	520 ± 14	520	0.18								
	34		Nishiyama Bridge		2024/5/17	Sunny	15.3	Brownish black	Faint earth	loamy	< 7.8	450 ± 15	450	0.10	Dull yellow brown	Faint earth	Loamy	< 7.7	130 ± 7.7	130	0.11								
					2024/6/26	Cloudy	23.1	Dark brown	Faint earth	loamy	18 ± 3.6	920 ± 24	938	0.10	Brown	Faint earth	Loamy	< 9.1	150 ± 9.1	150	0.12								
					2024/8/16	Light Rain	27.6	Brownish black	Faint earth	loamy	< 8.7	540 ± 14	540	0.11	Dull yellow brown	Faint earth	Loamy	< 8.1	140 ± 7.7	140	0.11								
	35	Kidogawa River	Nagatoro Bridge	Naraha Town	2024/5/22	Sunny	22.9	Grayish yellow brown	Faint earth	loamy	98 ± 11	6,700 ± 75	6,798	0.17	Brownish black	Faint earth	Loamy	28 ± 8.2	1,900 ± 48	1,928	0.13								
					2024/6/21	Cloudy	24.5	Dark brown	Faint earth	loamy	16 ± 2.8	1,100 ± 18	1,116	0.11	Brown	Faint earth	Loamy	28 ± 4.3	1,600 ± 28	1,628	0.15								
					2024/8/16	Cloudy	28.0	Brownish black	Faint earth	loamy	42 ± 6.6	2,100 ± 44	2,142	0.14	Dull yellow brown	Faint earth	Loamy	14 ± 2.4	580 ± 15	594	0.11								
	36		Kidokawa Bridge		2024/5/22	Sunny	21.8	Dull yellow brown	Faint earth	loamy	33 ± 6.1	1,400 ± 36	1,433	0.10	Brownish black	Faint earth	Loamy	32 ± 6.0	2,000 ± 45	2,032	0.12								
					2024/6/21	Cloudy	23.7	Brown	Faint earth	loamy	24 ± 4.1	1,300 ± 26	1,324	0.11	Grayish yellow brown	Faint earth	Loamy	37 ± 5.1	2,300 ± 34	2,337	0.11								
					2024/8/16	Light Rain	27.8	Dull yellow brown	Faint earth	loamy	69 ± 8.9	4,900 ± 71	4,969	0.11	Brownish black	Faint earth	Loamy	43 ± 7.2	2,700 ± 43	2,743	0.13								
	37	Asami River	Boda Bridge	Hirono Town	2024/5/23	Sunny	23.6	Dark brown	Faint earth	loamy	< 9.5	460 ± 16	460	0.12	Brownish black	Faint earth	Loamy	12 ± 2.5	790 ± 17	802	0.09								
					2024/6/29	Sunny	26.6	Dark brown	Faint earth	loamy	18 ± 5.3	920 ± 25	938	0.11	Brownish black	Faint earth	Loamy	< 8.6	33 ± 4.5	33	0.09								
					2024/8/15	Sunny	32.0	Brownish black	Faint earth	loamy	8.0 ± 1.8	620 ± 13	628.0	0.09	Brownish black	Faint earth	Loamy	< 6.0	30 ± 3.6	30	0.09								
	38	Ohisa River	Kageiso Bridge	Iwaki City	2024/5/23	Sunny	24.0	-	-	-	-	-	-	0.07	Dull yellow brown	Faint earth	Loamy	< 8.1	10 ± 2.5	10	0.06	(Left bank)Difficult to collect soils due to topography, etc.*2							
					2024/6/29	Sunny	25.4	-	-	-	-	-	-	0.07	Dark brown	Faint earth	Loamy	< 8.8	16 ± 3.2	16	0.07	(Left bank)Difficult to collect soils due to topography, etc.*2							
					2024/8/15	Sunny	31.3	-	-	-	-	-	-	0.06	Dark brown	Faint earth	Loamy	< 5.5	< 6.8	-	0.05	(Left bank)Difficult to collect soils due to topography, etc.*2							
	39	Kohisa River	Rengo Bridge		2024/5/24	Sunny	20.6	Dark brown	Faint earth	loamy	22 ± 3.5	1,000 ± 22	1,022	0.12	Dark brown	Faint earth	Loamy	27 ± 4.2	1,100 ± 26	1,127	0.11								
					2024/6/29	Sunny	24.5	Dull yellow brown	Faint earth	loamy	15 ± 2.6	940 ± 17	955	0.11	Dark brown	Faint earth	Loamy	13 ± 2.3	840 ± 17	853	0.11								
					2024/8/15	Sunny	31.4	Dull yellow brown	Faint earth	loamy	18 ± 2.6	1,300 ± 15	1,318	0.10	Dark brown	Faint earth	Loamy	21 ± 3.1	1,100 ± 16	1,121	0.10								
	40	Niida River	Kasumida Bridge		2024/5/24	Sunny	29.2	Brownish black	Faint earth	loamy	12 ± 2.6	690 ± 17	702	0.07	Brownish black	Faint earth	Loamy	17 ± 4.3	950 ± 31	967	0.09								
					2024/6/29	Sunny	27.7	Brownish black	Faint earth	loamy	11 ± 2.6	540 ± 14	551	0.06	Brownish black	Faint earth	Loamy	27 ± 6.2	1,500 ± 34	1,527	0.08								
					2024/8/16	Cloudy	29.1	Brownish black	Faint earth	loamy	12 ± 3.5	890 ± 18	902	0.08	Brownish black	Faint earth	Loamy	21 ± 3.5	1,300 ± 25	1,321	0.08								
	41		Matsuba Bridge		2024/5/24	Sunny	24.3	Dark brown	Faint earth	loamy	14 ± 3.9	520 ± 19	534	0.08	Yellowish gray	None	Sandy	< 5.9	86 ± 5.7	86	0.09								
					2024/6/29	Sunny	24.5	Dark brown	Faint earth	loamy	< 8.4	330 ± 12	330	0.08	Yellow brown	Faint earth	Sandy	< 7.7	36 ± 3.9	36	0.08								
					2024/8/17	Cloudy	25.7	Dark brown	Faint earth	loamy	< 8.1	550 ± 18	550	0.07	Dull yellow brown	None	Sandy	< 6.6	37 ± 4.3	37	0.07								
	42	Natsui River	Kitanouchi Bridge	Ono Town	2024/5/2	Cloudy	20.2	Brownish black	Faint earth	loamy	< 9.2	120 ± 7.6	120	0.07	Brownish black	Faint earth	Loamy	15 ± 3.3	620 ± 18	635	0.09								
					2024/6/10	Cloudy	20.1	Brownish black	Faint earth	loamy	< 7.9	160 ± 7.2	160	0.07	Brownish black	Faint earth	Loamy	< 7.2	230 ± 8.1	230	0.08								
					2024/8/15	Cloudy	31.3	Brownish black	Faint earth	loamy	< 5.7	110 ± 4.3	110	0.08	Brownish black	Faint earth	Loamy	< 5.7	430 ± 8.4	430	0.08								
	43		Kyudayu Bridge	Iwaki City	2024/5/24	Sunny	27.6	Brownish black	Faint earth	loamy	< 8.6	34 ± 4.5	34	0.09	Grayish yellow brown	Faint earth	Loamy	< 6.2	10 ± 2.7	10	0.08								
					2024/6/18	Light Rain	20.4	Brownish black	Faint earth	loamy	< 6.1	69 ± 4.5	69	0.07	Brownish black	Faint earth	Loamy	< 9.3	440 ± 13	440	0.07								
					2024/8/17	Sunny	31.8	Dull yellow brown	Faint earth	loamy	< 8.5	490 ± 13	490	0.09	Brownish black	Faint earth	Loamy	< 8.9	160 ± 8.0	160	0.07								

Fukushima River(SE_Hamadori) 3/3

	Location				Sampling Date	Weather	Air temperature (℃)	Surrounding Environment(Soil,Air dose)																								Remarks
								Left bank												Right bank												
											Activity concentration［Bq/kg(dry)］										Activity concentration［Bq/kg(dry)］											
											Radioactive cesium										Radioactive cesium											
	No.	Water Area	Location	Municipality				Color	Odor	Property	Cs-134		Cs-137		Total		Air dose (μSv/h)		Color	Odor	Property	Cs-134		Cs-137		Total		Air dose (μSv/h)		
Rivers	44	Natsui River	Rokujumai Bridge	Iwaki City	2024/5/24	Sunny	28.5	Dull yellow brown	Faint earth	loamy	<	8.0	390	± 13	390		0.08		Dark brown	Faint earth	Loamy		14 ± 3.5		1,100 ± 24		1,114		0.10		
					2024/6/28	Light Rain	23.4	Grayish yellow brown	Faint earth	loamy		11 ± 2.7	470	± 14	481		0.08		Dull yellow brown	Faint earth	Loamy		33 ± 7.3		2,100 ± 52		2,133		0.09		
					2024/8/17	Cloudy	27.3	Brownish black	Faint earth	loamy	<	8.5	470	± 14	470		0.07		Brownish black	Faint earth	Loamy		25 ± 5.8		1,200 ± 32		1,225		0.10		
	45	Yoshima River	Iwaanatsuri Bridge		2024/5/28	Light Rain	19.9	Grayish yellow brown	Faint earth	loamy		9.6 ± 2.3	570	± 16	579.6		0.08		Dark brown	Faint earth	Loamy	<	9.3		440 ± 14		440		0.08		
					2024/6/18	Light Rain	20.2	Brownish black	Faint earth	loamy	<	7.6	450	± 11	450		0.08		Dark brown	Faint earth	Loamy	<	8.1		350 ± 11		350		0.07		
					2024/8/17	Sunny	31.4	Brownish black	Faint earth	loamy		9.3 ± 2.7	350	± 12	359.3		0.09		Brownish black	Faint earth	Loamy		8.4 ± 2.1		440 ± 15		448.4		0.07		
	46		Before the confluence wi		2024/5/28	Light Rain	23.4	Dull yellow brown	Faint earth	loamy	<	9.6	72	± 6.4	72		0.08		Dull yellow brown	Faint earth	Loamy	<	8.1		250 ± 9.6		250		0.08		
					2024/6/28	Light Rain	23.3	Dark brown	Faint earth	loamy	<	7.5	84	± 5.8	84		0.08		Brownish black	Faint earth	Loamy	<	8.6		300 ± 13		300		0.08		
					2024/8/16	Cloudy	26.3	Brownish black	Faint earth	loamy	<	8.4	79	± 6.6	79		0.06		Brownish black	Faint earth	Loamy	<	7.8		280 ± 9.0		280		0.07		
	47	Fujiwara River	Shima Bridge		2024/5/20	Sunny	23.0	Brownish black	Faint earth	loamy	<	6.6	61	± 5.4	61		0.06		Brownish black	Faint earth	Loamy	<	7.4		170 ± 7.8		170		0.06		
					2024/6/28	Light Rain	22.7	Brownish black	Faint earth	loamy	<	7.0	99	± 6.2	99		0.06		Brownish black	Faint earth	Loamy	<	8.1		70 ± 4.8		70		0.05		
					2024/8/16	Cloudy	29.0	Grayish yellow brown	Faint earth	loamy	<	8.7	140	± 8.9	140		0.06		Grayish yellow brown	Faint earth	Loamy	<	9.4		110 ± 8.2		110		0.06		
	48		Minato-ohashi Bridge		2024/5/28	Light Rain	19.2	Brownish black	Faint earth	loamy	<	8.4	350	± 11	350		0.06		Brownish black	Faint earth	Loamy		12 ± 2.7		580 ± 15		592		0.09		
					2024/6/28	Light Rain	21.7	Brownish black	Faint earth	loamy	<	8.2	160	± 8.5	160		0.06		Brownish black	Faint earth	Loamy		17 ± 3.9		1,100 ± 30		1,117		0.08		
					2024/8/16	Cloudy	30.8	Grayish yellow brown	Faint earth	loamy	<	7.0	300	± 11	300		0.06		Brownish black	Faint earth	Loamy		12 ± 2.7		810 ± 22		822		0.08		
	49	Samegawa River	Idosawa Bridge		2024/5/28	Light Rain	19.9	Brownish black	Faint earth	loamy		29 ± 6.0	1,700	± 44	1,729		0.10		-	-	-		-		-		-		0.07	(Right bank)Difficult to collect soils due to topography, etc.*2	
					2024/6/27	Sunny	22.3	Grayish yellow brown	Faint earth	loamy		19 ± 4.6	1,100	± 26	1,119		0.08		-	-	-		-		-		-		0.06	(Right bank)Difficult to collect soils due to topography, etc.*2	
					2024/8/16	Cloudy	27.9	Brownish black	Faint earth	loamy		14 ± 3.1	960	± 22	974		0.08		-	-	-		-		-		-		0.07	(Right bank)Difficult to collect soils due to topography, etc.*2	
	50		Samegawa Bridge		2024/5/29	Cloudy	17.2	Dark grayish yellow	Faint earth	sandy	<	7.0	14	± 2.8	14		0.06		Brownish black	Faint earth	Loamy	<	7.7		35 ± 4.3		35		0.04		
					2024/6/27	Sunny	23.4	Yellowish gray	Faint earth	sandy	<	8.2	31	± 4.1	31		0.05		Brownish black	Faint earth	Loamy	<	7.2		51 ± 3.9		51		0.04		
					2024/8/16	Sunny	29.7	Dull yellow brown	None	sandy	<	4.9	92	± 5.4	92		0.06		Grayish yellow brown	Faint earth	Loamy	<	7.9		76 ± 6.0		76		0.04		
	51	Shitoki River	Komuro Bridge		2024/5/20	Sunny	24.0	Brownish black	Faint earth	loamy		17 ± 3.2	680	± 19	697		0.07		Dull yellow brown	Faint earth	Loamy		12 ± 2.6		810 ± 18		822		0.07		
					2024/6/18	Light Rain	19.3	Brownish black	Faint earth	loamy	<	9.8	800	± 19	800		0.07		Dull yellow brown	Faint earth	Loamy		17 ± 3.8		1,300 ± 27		1,317		0.07		
					2024/8/16	Cloudy	28.6	Brownish black	Faint earth	loamy		10 ± 2.5	660	± 16	670		0.06		Dull yellow brown	Faint earth	Loamy	<	7.9		430 ± 12		430		0.07		
	52	Binda River	Kobana Bridge		2024/5/29	Cloudy	20.5	Dark brown	Faint earth	loamy	<	8.0	60	± 5.8	60		0.05		Brownish black	Faint earth	Loamy	<	8.7		230 ± 10		230		0.06		
					2024/6/27	Cloudy	24.6	Dark brown	Faint earth	loamy	<	7.6	230	± 9.0	230		0.06		Brownish black	Faint earth	Loamy	<	7.6		260 ± 9.3		260		0.05		
					2024/8/16	Sunny	30.4	Dull yellow brown	Faint earth	loamy	<	7.2	96	± 6.4	96		0.05		Brown	Faint earth	Loamy	<	9.6		230 ± 11		230		0.06		
	53		Binda Bridge		2024/5/29	Sunny	21.6	-	-	-		-	-		-		0.04		-	-	-		-		-		-		0.05	Difficult to collect soils due to topography, etc.*2	
					2024/6/27	Cloudy	25.3	-	-	-		-	-		-		0.04		-	-	-		-		-		-		0.04	Difficult to collect soils due to topography, etc.*2	
					2024/8/16	Sunny	30.2	-	-	-		-	-		-		0.04		-	-	-		-		-		-		0.05	Difficult to collect soils due to topography, etc.*2	

*1 Reasons for difficulty in entering the study area include winter closures, winter road closures, typhoons and other disasters, construction, etc.

*2 It may be difficult to collect soils due to artificial soil cover, topography, etc.

Fukushima Lakes(Water_Hamadori) 1/11

	Location					Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
										General items								Activity concentration(Bq/L)		
																		Radioactive cesium		
	No.	Location		Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	124	Soso (farm pond)	Takei	Shinchi Town	Surface layer	2024/5/1	Cloudy	17.8	2.5	20.9	0.5	Grayish yellow green	None	0.8	18.3	13	7.1	< 0.92	< 0.81	
					Deep layer					20.7	1.5	-	None		17.9	14	7.0	< 0.86	< 0.73	
					Surface layer	2024/6/5	Sunny	22.0	2.5	21.8	0.5	Grayish greenish yellow	None	0.5	17.5	8	3.7	< 0.72	< 0.82	
					Deep layer					20.3	1.5	-	None		17.3	13	6.9	< 0.68	< 0.71	
					Surface layer	2024/8/23	Sunny	32.8	2.2	32.1	0.5	Grayish yellow green	None	0.3	22.6	23	2.8	< 0.72	< 0.76	
					Deep layer					30.3	1.2	-	None		22.8	30	4.5	< 0.68	< 0.75	
					Surface layer	2024/10/23	Cloudy	22.0	2.9	19.8	0.5	Grayish greenish yellow	None	0.5	19.7	27	20	< 0.66	< 0.66	
					Deep layer					19.6	1.9	-	None		19.9	24	9.6	< 0.75	< 0.59	
					Surface layer	2024/11/27	Sunny	17.3	3.0	12.4	0.5	Grayish greenish yellow	None	0.5	19.1	21	18	< 0.75	< 0.75	
					Deep layer					12.1	2.0	-	None		19.2	20	18	< 0.82	< 0.85	
					Surface layer	2024/12/25	Sunny	3.2	2.9	5.6	0.5	Grayish greenish yellow	None	1.0	22.2	10	6.0	< 0.63	< 0.74	
					Deep layer					4.7	1.9	-	None		21.5	11	5.2	< 0.65	< 0.73	
	125		Uchizawa	Soma City	Surface layer	2024/5/1	Cloudy	19.6	3.3	20.3	0.5	Grayish yellow green	None	1.0	14.2	3	2.2	< 0.84	< 0.57	
					Deep layer					20.2	2.3	-	None		14.3	4	2.3	< 0.81	< 0.65	
					Surface layer	2024/6/5	Sunny	25.0	2.5	24.5	0.5	Grayish yellow green	None	0.8	11.0	7	5.9	< 0.94	< 0.73	
					Deep layer					23.4	1.5	-	None		10.9	8	5.7	< 0.74	< 0.97	
					Surface layer	2024/8/23	Sunny	33.8	1.3	33.3	0.0	Grayish yellow green	None	0.3	11.8	18	12	< 0.68	< 0.85	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/23	Cloudy	22.5	3.4	19.9	0.5	Grayish yellow green	None	1.0	12.1	4	3.9	< 0.90	< 0.68	
					Deep layer					19.5	2.4	-	None		12.2	5	4.9	< 0.63	< 0.82	
					Surface layer	2024/11/27	Sunny	16.9	2.8	12.4	0.5	Grayish yellow green	None	2.0	11.4	5	5.1	< 0.78	< 0.48	
					Deep layer					12.3	1.8	-	None		11.4	5	5.5	< 0.57	< 0.78	
					Surface layer	2024/12/25	Sunny	8.5	3.0	4.7	0.5	Grayish yellow green	None	2.5	12.7	2	2.3	< 0.76	< 0.72	
					Deep layer					4.5	2.0	-	None		12.6	2	1.5	< 0.65	< 0.56	
	126	Matsugabo Dam (Lake Utagawa)			Surface layer	2024/5/8	Cloudy	16.5	21.5	17.3	0.5	Dark grayish yellow green	None	3.5	8.4	<1	1.4	< 0.54	< 0.82	
					Deep layer					7.8	20.5	-	None		8.9	<1	1.3	< 0.79	< 0.81	
					Surface layer	2024/6/11	Sunny	24.7	25.2	24.6	0.5	Dark grayish yellow green	None	4.0	9.0	<1	0.9	< 0.59	< 0.56	
					Deep layer					11.6	24.2	-	None		8.7	3	2.1	< 0.84	< 0.59	
					Surface layer	2024/8/23	Sunny	33.1	28.6	29.1	0.5	Dark grayish yellow green	None	3.0	9.6	3	2.1	< 0.69	< 0.88	
					Deep layer					8.5	27.6	-	None		11.1	5	6.3	< 0.59	< 0.89	
					Surface layer	2024/10/23	Cloudy	20.1	28.3	18.5	0.5	Dark grayish yellow green	None	5.0	9.3	<1	0.9	< 0.71	< 0.73	
					Deep layer					12.0	27.3	-	None		10.5	<1	1.4	< 0.91	< 0.77	
					Surface layer	2024/11/25	Sunny	11.9	22.8	11.8	0.5	Dark grayish yellow green	None	1.5	9.4	3	2.4	< 0.82	< 0.85	
					Deep layer					7.3	21.8	-	None		10.8	6	8.8	< 0.84	< 0.77	
					Surface layer	2024/12/25	Cloudy	2.5	29.5	5.5	0.5	Dark grayish yellow green	None	2.0	10.3	4	2.7	< 0.76	< 0.85	
					Deep layer					5.6	28.5	-	None		10.2	4	2.5	< 0.67	< 0.88	
	127	Mano Dam		Iitate Village	Surface layer	2024/5/8	Cloudy	18.4	35.0	18.6	0.5	Dark grayish yellow green	None	3.0	6.7	<1	1.1	< 0.77	< 0.84	
					Deep layer					7.6	34.0	-	None		7.7	2	3.2	< 0.78	< 0.85	
					Surface layer	2024/6/11	Sunny	27.0	34.2	25.4	0.5	Dark grayish yellow green	None	4.0	7.5	<1	0.5	< 0.65	< 0.66	
					Deep layer					9.6	33.2	-	None		6.7	2	1.2	< 0.80	< 0.78	
					Surface layer	2024/7/31	Cloudy	27.9	41.7	28.3	0.5	Dark grayish yellow green	None	4.0	7.6	<1	0.6	< 0.63	< 0.67	
					Deep layer					9.8	40.7	-	None		7.4	<1	0.9	< 0.83	< 0.81	
					Surface layer	2024/8/23	Sunny	31.7	46.4	28.6	0.5	Dark grayish yellow green	None	4.0	7.7	<1	0.9	< 0.69	< 0.83	
					Deep layer					8.4	45.4	-	None		8.6	5	1.7	< 0.70	< 0.77	
					Surface layer	2024/9/26	Sunny	24.4	50.1	23.4	0.5	Dark grayish yellow green	None	2.5	7.3	2	2.0	< 0.74	< 0.77	
					Deep layer					8.4	49.1	-	None		8.7	<1	1.4	< 0.79	< 0.62	
					Surface layer	2024/10/29	Sunny	20.6	51.4	19.8	0.5	Dark grayish yellow green	None	4.0	7.7	<1	1.2	< 0.63	< 0.71	
					Deep layer					8.9	50.4	-	None		9.0	3	3.4	< 0.68	< 0.68	
					Surface layer	2024/11/25	Sunny	14.3	29.8	14.7	0.5	Grayish yellow	None	1.5	7.6	2	2.2	< 0.78	< 0.70	
					Deep layer					13.9	28.8	-	None		7.3	2	2.2	< 0.61	< 0.69	
					Surface layer	2024/12/11	Sunny	10.2	50.5	11.4	0.5	Dark grayish yellow green	None	2.5	7.3	2	2.6	< 0.81	< 0.80	
					Deep layer					7.9	49.5	-	None		8.3	5	2.7	< 0.81	< 0.72	
					Surface layer	2025/1/14	Sunny	6.0	50.7	6.9	0.5	Dark grayish yellow green	None	2.0	8.0	4	4.6	< 0.63	< 0.82	
					Deep layer					6.4	49.7	-	None		7.9	17	20	< 0.82	< 0.88	
					Surface layer	2025/2/6	Sunny	2.7	49.7	5.7	0.5	Dark grayish yellow green	None	1.5	8.0	4	4.5	< 0.54	< 0.56	
					Deep layer					5.4	48.7	-	None		8.0	4	6.2	< 0.87	< 0.64	

Fukushima Lakes(Water_Hamadori) 2/11

	Location					Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
										General items								Activity concentration(Bq/L)		
																		Radioactive cesium		
	No.	Location		Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	128	Soso (farm pond)	Ainosawa	Iitate Village	Surface layer	2024/5/2	Sunny	11.0	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Surface layer	2024/6/6	Sunny	21.7	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Surface layer	2024/8/2	Sunny	30.4	0.4	29.5	0.0	Light grayish yellow	None	>0.4	8.7	<1	1.3	< 0.87	< 0.88	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/18	Cloudy	18.1	0.2	18.4	0.0	Light grayish yellow	None	>0.2	5.2	<1	1.2	< 0.68	< 0.76	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/14	Sunny	17.1	0.5	12.9	0.0	Light grayish yellow	None	>0.5	5.4	<1	0.7	< 0.74	< 0.88	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/11	Light Snow	7.3	0.7	5.0	0.0	Light grayish yellow green	None	>0.7	4.8	<1	0.5	< 0.57	< 0.61	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	129	Ganbe Dam Reservoir			Surface layer	2024/5/14	Sunny	14.8	12.3	15.5	0.5	Dark grayish yellow green	None	0.2	4.9	<1	1.5	< 0.68	< 0.78	
					Deep layer					9.5	11.3	-	None		5.6	2	2.2	< 0.80	< 0.88	
					Surface layer	2024/6/7	Cloudy	15.3	12.9	18.8	0.5	Grayish yellow green	None	2.5	4.6	2	1.3	< 0.85	< 0.79	
					Deep layer					11.0	11.9	-	None		5.8	3	3.4	< 0.57	< 0.88	
					Surface layer	2024/8/2	Sunny	28.2	5.0	26.4	0.5	Grayish yellow green	None	1.0	4.9	2	1.0	< 0.84	< 0.88	
					Deep layer					25.0	4.0	-	None		5.0	2	1.4	< 0.92	< 0.75	
					Surface layer	2024/10/18	Cloudy	18.9	12.7	17.7	0.5	Dark grayish greenish yellow	None	2.0	4.9	2	2.3	< 0.72	< 0.74	
					Deep layer					16.5	11.7	-	None		4.9	2	2.6	< 0.87	< 0.75	
					Surface layer	2024/11/19	Cloudy	5.2	12.2	6.2	0.5	Grayish greenish yellow	None	1.5	5.0	5	4.2	< 0.61	< 0.88	
					Deep layer					5.1	4.0	-	None		4.7	5	4.0	< 0.75	< 0.85	
					Surface layer	2024/12/24	Sunny	1.0	9.0	3.8	0.5	Grayish yellow	None	3.5	5.2	<1	1.1	< 0.71	< 0.62	
					Deep layer					3.5	8.0	-	None		5.3	<1	1.3	< 0.57	< 0.92	
	130	Soso (farm pond)	Fugane Dam		Surface layer	2024/5/2	Sunny	16.0	1.5	17.3	0.0	Grayish yellow	None	1.0	4.5	<1	1.1	< 0.89	< 0.76	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/7	Cloudy	21.5	0.4	19.1	0.0	Grayish yellow green	None	>0.4	5.3	<1	1.0	< 0.61	< 0.81	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/2	Sunny	31.4	0.4	29.6	0.0	Light grayish yellow	None	>0.4	5.7	2	1.2	< 0.79	< 0.69	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/18	Cloudy	19.9	1.8	17.3	0.0	Grayish yellow	None	0.3	5.4	2	2.7	< 0.65	< 0.68	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/14	Sunny	16.3	1.9	11.9	0.0	Light grayish yellow green	None	1.0	5.8	<1	1.4	< 0.81	< 0.76	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/11	Cloudy	4.1	0.6	6.2	0.0	Grayish yellow	None	>0.6	5.5	<1	1.2	< 0.78	< 0.75	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	131		Sasatoge		Surface layer	2024/5/14	Sunny	15.5	0.2	13.4	0.0	Light grayish yellow	None	>0.2	5.1	4	1.0	< 0.78	< 0.76	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/7	Cloudy	23.4	0.1	16.8	0.0	Light grayish yellow	None	>0.1	5.0	8	1.8	< 0.50	< 0.91	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/2	Cloudy	27.9	0.1	21.1	0.0	Light grayish yellow green	None	>0.1	5.3	2	0.7	< 0.63	< 0.74	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/18	Cloudy	18.2	0.1	15.0	0.0	Light grayish yellow	None	>0.1	5.9	<1	0.6	< 0.57	< 0.56	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/19	Sunny	7.8	0.2	7.9	0.0	Grayish yellow	None	>0.2	5.3	<1	0.5	< 0.72	< 0.77	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/24	Sunny	-0.8	0.1	3.4	0.0	Light grayish greenish yellow	None	>0.1	5.9	2	0.4	< 0.69	< 0.94	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water

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	Location					Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
										General items								Activity concentration(Bq/L)		
																		Radioactive cesium		
	No.	Location		Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	132	Takanokura Dam Reservoir		Minamisoma City	Surface layer	2024/5/13	Light Rain	18.7	35.0	18.9	0.5	Dark grayish yellow green	None	0.5	5.6	<1	0.6	< 0.73	< 0.88	
					Deep layer					8.2	34.0	-	None		5.9	<1	1.1	< 0.54	< 0.66	
					Surface layer	2024/6/10	Cloudy	26.0	32.5	26.8	0.5	Dark grayish yellow green	None	3.0	6.4	<1	0.7	< 0.87	< 0.77	
					Deep layer					16.3	31.5	-	None		5.3	<1	0.9	< 0.73	< 0.78	
					Surface layer	2024/8/7	Cloudy	26.9	21.5	28.0	0.5	Dark grayish yellow green	None	3.0	6.8	<1	0.5	< 0.62	< 0.70	
					Deep layer					9.5	20.5	-	None		6.2	<1	1.6	< 0.84	< 0.73	
					Surface layer	2024/10/21	Sunny	20.2	33.1	22.6	0.5	Dark grayish yellowish green	None	4.5	5.9	<1	0.6	< 0.77	< 0.76	
					Deep layer					14.0	32.1	-	None		7.1	2	1.7	< 0.87	< 0.59	
					Surface layer	2024/11/20	Sunny	10.6	23.9	14.5	0.5	Dark grayish yellow green	None	4.0	6.3	<1	0.8	< 0.73	< 0.72	
					Deep layer					14.2	22.9	-	None		6.2	<1	1.0	< 0.60	< 0.78	
					Surface layer	2024/12/13	Sunny	10.1	35.7	9.9	0.5	Dark grayish green	None	6.0	6.8	<1	0.8	< 0.69	< 0.59	
					Deep layer					8.0	34.7	-	None		7.8	5	7.2	< 0.73	< 0.76	
	133	Yokokawa Dam Reservoir			Surface layer	2024/5/13	Light Rain	19.2	28.0	18.5	0.5	Dark grayish yellow green	None	0.4	4.5	<1	0.7	< 0.63	< 0.75	
					Deep layer					8.9	27.0	-	None		4.8	<1	0.5	< 0.71	< 0.76	
					Surface layer	2024/6/10	Cloudy	27.5	8.5	21.7	0.5	Dark grayish yellow green	None	6.0	5.2	<1	0.6	< 0.50	< 0.70	
					Deep layer					21.1	7.5	-	None		5.0	<1	0.4	< 0.85	< 0.69	
					Surface layer	2024/8/7	Cloudy	25.9	5.7	28.1	0.5	Dark grayish yellow green	None	5.0	7.0	<1	0.5	< 0.90	< 0.64	
					Deep layer					27.1	4.7	-	None		5.9	<1	0.8	< 0.63	< 0.54	
					Surface layer	2024/10/21	Sunny	21.2	19.6	21.1	0.5	Dark grayish yellow green	None	3.5	5.4	<1	1.0	< 0.81	< 0.68	
					Deep layer					20.9	18.6	-	None		5.1	2	1.1	< 0.72	< 0.82	
					Surface layer	2024/11/20	Sunny	8.6	7.4	14.9	0.5	Dark grayish yellow green	None	3.5	5.0	<1	0.9	< 0.75	< 0.73	
					Deep layer					14.7	6.4	-	None		5.1	<1	1.0	< 0.66	< 0.81	
					Surface layer	2024/12/13	Cloudy	7.5	8.9	9.9	0.5	Dark grayish green	None	4.0	5.6	<1	1.5	< 0.83	< 0.76	
					Deep layer					9.5	7.9	-	None		6.0	<1	1.7	< 0.83	< 0.59	
	134	Soso (farm pond)	Tarayachi		Surface layer	2024/5/20	Cloudy	21.2	0.6	22.3	0.0	Grayish greenish yellow	None	>0.6	8.0	6	3.0	< 0.50	< 0.58	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/25	Cloudy	31.6	0.6	26.6	0.0	Light grayish yellow	None	0.2	7.9	4	2.3	< 0.65	< 0.66	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/5	Cloudy	32.2	0.6	30.6	0.0	Grayish yellow	None	0.2	9.0	8	3.3	< 0.65	< 0.88	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/22	Cloudy	23.4	0.6	20.8	0.0	Grayish yellow	None	0.2	9.3	11	13	< 0.49	< 0.75	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/13	Sunny	16.0	0.5	12.7	0.0	Light grayish yellow	None	0.2	10.4	7	12	< 0.68	< 0.85	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/13	Cloudy	7.8	0.7	5.2	0.0	Grayish yellow	None	0.2	10.8	9	10	< 0.80	< 0.59	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	135		Takeshiyachi		Surface layer	2024/5/2	Sunny	20.2	0.3	23.7	0.0	Light grayish yellow	None	0.1	4.1	52	49	< 0.86	< 0.88	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/25	Sunny	33.2	0.2	28.2	0.0	Light grayish yellow	None	0.1	4.0	69	41	< 0.78	< 0.75	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/5	Sunny	31.3	0.2	31.7	0.0	Grayish greenish yellow	None	0.1	4.5	56	19	< 0.84	< 0.85	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/22	Cloudy	24.1	0.6	21.4	0.0	Grayish yellow	None	0.3	4.7	14	15	< 0.68	< 0.68	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/13	Sunny	18.2	0.6	14.6	0.0	Light grayish greenish yellow	None	0.2	4.6	11	10	< 0.71	< 0.97	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/19	Sunny	4.8	0.5	4.3	0.0	Grayish greenish yellow	None	>0.5	6.6	3	2.5	< 0.92	< 0.76	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water

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	Location					Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
										General items								Activity concentration(Bq/L)		
																		Radioactive cesium		
	No.	Location		Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	136	Soso (farm pond)	Ryugasaku	Minamisoma City	Surface layer	2024/5/2	Sunny	20.4	1.6	19.2	0.0	Grayish yellow green	None	1.0	6.2	3	2.5	< 0.68	< 0.75	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/25	Cloudy	32.1	1.1	24.8	0.0	Light grayish yellow green	None	0.6	6.3	<1	1.3	< 0.56	< 0.56	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/5	Sunny	30.1	0.2	29.4	0.0	Grayish yellow green	None	>0.2	7.9	16	6.1	< 0.84	< 0.65	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/22	Cloudy	24.3	0.4	20.2	0.0	Grayish yellow green	None	>0.4	7.6	5	5.6	< 0.82	< 0.84	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/13	Sunny	18.6	0.8	11.8	0.0	Light grayish yellow green	None	0.3	8.0	15	13	< 0.92	< 0.76	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/19	Sunny	4.3	0.3	2.5	0.0	Grayish yellow green	None	>0.3	8.3	5	3.2	< 0.60	< 0.68	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	137	Kenpoku (farm pond)	Uwatashiro	Kawamata Town	Surface layer	2024/5/10	Sunny	18.6	0.4	16.7	0.0	Grayish reddish yellow	None	>0.4	3.7	5	5.2	< 0.71	< 0.88	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/19	Sunny	29.1	0.3	22.9	0.0	Grayish reddish yellow	None	>0.3	4.2	5	4.2	< 0.80	< 0.77	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/2	Sunny	27.9	0.3	26.5	0.0	Grayish reddish yellow	None	>0.3	4.2	9	8.8	< 0.80	< 0.75	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/18	Cloudy	20.1	0.3	17.0	0.0	Grayish yellow	None	>0.3	4.0	6	4.6	< 0.84	< 0.53	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/19	Sunny	9.8	0.5	5.1	0.0	Grayish reddish yellow	None	>0.5	4.0	2	3.1	< 0.79	< 0.70	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/23	Sunny	1.2	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
					Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
	138	Soso (farm pond)	Koakuto	Namie Town	Surface layer	2024/5/31	Light Rain	20.3	0.4	18.2	0.0	Grayish yellow	None	>0.4	8.6	12	5.8	< 0.59	1.9 ± 0.31	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/28	Light Rain	22.7	0.3	22.4	0.0	Grayish yellow	None	>0.3	8.8	48	13	< 0.65	2.8 ± 0.37	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/7	Cloudy	25.6	0.4	26.7	0.0	Grayish yellow	None	>0.4	9.5	19	7.4	< 0.87	2.2 ± 0.38	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/25	Sunny	21.4	0.4	18.5	0.0	Grayish yellow	None	>0.4	10.2	4	5.0	< 0.80	1.3 ± 0.28	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/30	Sunny	6.2	0.4	3.9	0.0	Grayish yellow	None	0.2	10.1	4	7.4	< 0.73	< 0.83	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/23	Sunny	-0.4	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
					Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
	139		Yosouchi	Iitate Village	Surface layer	2024/5/2	Sunny	13.4	0.4	19.9	0.0	Light grayish greenish yellow	None	>0.4	7.3	2	2.2	< 0.81	< 0.68	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/19	Sunny	23.4	0.4	23.9	0.0	Grayish greenish yellow	None	>0.4	7.5	<1	0.8	< 0.73	< 0.75	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/2	Sunny	30.8	0.3	30.2	0.0	Light grayish yellow	None	0.2	8.7	7	5.0	< 0.97	< 0.79	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/18	Cloudy	18.6	1.0	19.4	0.0	Grayish yellow green	None	0.4	7.9	4	2.5	< 0.74	< 0.66	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/14	Sunny	15.6	1.0	12.8	0.0	Light grayish yellow	None	>1.0	7.9	4	3.4	< 0.73	< 0.72	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/24	Sunny	1.8	1.0	2.3	0.0	Grayish yellow	None	>1.0	8.3	2	1.3	< 0.85	< 0.70	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water

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	Location					Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
										General items								Activity concentration(Bq/L)		
																		Radioactive cesium		
	No.	Location		Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	140	Soso (farm pond)	Myobusaku No. 2	Minamisoma City	Surface layer	2024/5/2	Sunny	21.8	0.3	19.5	0.0	Light grayish yellow	None	>0.3	5.0	3	2.5	< 0.68	< 0.58	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/25	Cloudy	27.6	0.4	26.3	0.0	Grayish greenish yellow	None	>0.4	5.2	<1	0.9	< 0.68	< 0.72	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/5	Sunny	31.9	0.2	29.9	0.0	Dark grayish yellow	None	>0.2	5.1	37	3.5	< 0.69	< 0.74	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/22	Sunny	25.5	0.6	21.0	0.0	Grayish yellow	None	>0.6	5.4	4	3.9	< 0.63	< 0.93	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/13	Sunny	18.2	0.3	13.8	0.0	Light grayish greenish yellow	None	>0.3	5.8	7	5.7	< 0.61	< 0.78	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/19	Sunny	1.4	0.3	6.5	0.0	Grayish yellow	None	>0.3	6.5	2	1.8	< 0.83	< 0.68	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	141	Ogaki Dam		Namie Town	Surface layer	2024/7/29	Sunny	32.8	10.5	28.5	0.5	Dark grayish yellow green	None	3.8	5.9	<1	1.0	< 0.65	< 0.61	
					Deep layer					12.0	9.5	-	None		6.1	3	2.3	< 0.77	< 0.69	
					Surface layer	2024/8/16	Cloudy	27.3	6.6	28.5	0.5	Dark grayish yellow green	None	3.0	6.7	<1	0.9	< 0.71	< 0.64	
					Deep layer					27.1	5.6	-	None		6.6	9	4.6	< 0.51	< 0.54	
					Surface layer	2024/8/30	Cloudy	27.9	11.1	27.4	0.5	Dark grayish yellow green	None	3.0	5.3	2	1.6	< 0.69	< 0.69	
					Deep layer					22.7	10.1	-	None		5.4	2	1.6	< 0.91	< 0.80	
					Surface layer	2024/9/20	Cloudy	27.4	9.8	24.6	0.5	Dark grayish yellow green	None	4.0	5.8	<1	1.4	< 0.77	< 0.67	
					Deep layer					12.6	8.8	-	None		6.3	<1	1.7	< 0.74	< 0.73	
					Surface layer	2024/10/10	Light Rain	21.2	8.7	18.0	0.5	Grayish yellow green	None	2.5	6.2	<1	2.3	< 0.54	< 0.84	
					Deep layer					17.7	7.7	-	None		6.2	2	2.7	< 0.75	< 0.69	
					Surface layer	2024/10/25	Sunny	19.5	11.0	17.2	0.5	Dark grayish yellow green	None	1.5	5.5	<1	1.9	< 0.64	< 0.56	
					Deep layer					13.7	10.0	-	None		5.7	3	2.0	< 0.78	< 0.66	
					Surface layer	2024/11/28	Sunny	13.7	18.0	10.0	0.5	Dark grayish yellow green	None	3.0	5.7	<1	2.2	< 0.70	< 0.71	
					Deep layer					9.1	17.0	-	None		5.8	18	6.7	< 0.65	< 0.85	
					Surface layer	2024/12/26	Sunny	6.8	10.8	5.7	0.5	Dark grayish yellow green	None	1.5	7.0	2	2.1	< 0.75	< 0.85	
					Deep layer					5.3	9.8	-	None		6.2	3	2.2	< 0.80	< 0.44	
					Surface layer	2025/1/14	Sunny	2.0	10.2	4.2	0.5	Dark grayish yellow green	None	4.0	6.5	<1	1.3	< 0.92	< 0.70	
					Deep layer					4.2	9.2	-	None		6.5	<1	1.9	< 0.74	< 0.69	
					Surface layer	2025/2/6	Sunny	2.4	10.3	3.9	0.5	Grayish yellow green	None	3.5	6.6	<1	2.4	< 0.61	< 0.65	
					Deep layer					4.1	9.3	-	None		6.8	2	1.5	< 0.67	< 0.77	
	142	Soso (farm pond)	Uenokawa	Katsurao Village	Surface layer	2024/5/10	Sunny	24.8	0.1	18.8	0.0	Light grayish yellow	None	>0.1	9.2	9	3.7	< 0.74	< 0.77	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/19	Sunny	24.5	0.1	21.3	0.0	Light grayish yellow green	None	>0.1	9.1	17	6.3	< 0.55	< 0.54	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/7	Cloudy	26.3	0.1	21.1	0.0	Light grayish yellow green	None	>0.1	11.3	5	3.7	< 0.77	< 0.63	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/18	Cloudy	19.7	0.1	15.9	0.0	Light grayish yellow	None	>0.1	8.3	7	2.8	< 0.80	< 0.86	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/19	Sunny	4.7	0.2	7.3	0.0	Light grayish yellow green	None	>0.2	8.0	22	8.1	< 0.54	< 0.64	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/23	Sunny	1.7	0.1	3.8	0.0	Light grayish yellow	None	>0.1	8.9	2	1.1	< 0.79	< 0.82	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	143		Heigoiri	Iitate Village	Surface layer	2024/5/2	Sunny	14.0	0.6	16.8	0.0	Grayish yellow green	None	>0.6	3.6	2	1.7	< 0.87	< 0.70	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/6	Sunny	18.1	0.4	17.2	0.0	Dark grayish reddish yellow	None	>0.4	4.4	<1	1.7	< 0.81	< 0.64	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/2	Sunny	27.9	0.4	24.7	0.0	Light grayish reddish yellow	None	>0.4	4.7	3	2.5	< 0.63	< 0.60	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/18	Cloudy	16.4	0.5	15.8	0.0	Light grayish yellow green	None	>0.5	4.1	<1	1.8	< 0.61	< 0.82	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/14	Sunny	18.9	0.6	9.2	0.0	Light grayish yellow	None	>0.6	4.4	<1	1.4	< 0.65	< 0.56	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/24	Sunny	-1.0	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
					Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.

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	Location					Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
										General items								Activity concentration(Bq/L)		
																		Radioactive cesium		
	No.	Location		Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	144	Soso (farm pond)	Mekurasawa No. 2	Namie Town	Surface layer	2024/5/16	Light Rain	19.5	0.5	20.9	0.0	Grayish greenish yellow	None	>0.5	8.9	5	3.4	< 0.75	< 0.71	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/26	Sunny	25.5	0.5	26.4	0.0	Grayish greenish yellow	None	>0.5	10.3	2	1.4	< 0.61	< 0.50	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/5	Cloudy	31.4	0.2	31.8	0.0	Grayish yellow	None	>0.2	10.4	4	1.3	< 0.61	< 0.62	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/22	Cloudy	26.4	0.4	21.4	0.0	Grayish greenish yellow	None	>0.4	10.4	5	4.3	< 0.73	< 0.81	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/15	Cloudy	19.6	0.5	14.2	0.0	Grayish yellow	None	>0.5	12.0	7	8.3	< 0.70	< 0.59	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/20	Sunny	6.0	0.3	3.0	0.0	Grayish yellow	None	>0.3	10.3	<1	1.9	< 0.50	< 0.66	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	145		Joroku		Surface layer	2024/5/2	Sunny	18.6	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Surface layer	2024/6/26	Sunny	26.2	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Surface layer	2024/8/5	Sunny	32.4	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
					Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
					Surface layer	2024/10/22	Cloudy	25.3	0.7	20.9	0.0	Grayish yellow	None	>0.7	9.4	6	3.6	< 0.66	< 0.62	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/15	Cloudy	19.3	0.8	13.8	0.0	Grayish yellow	None	>0.8	11.5	<1	1.8	< 0.75	< 0.64	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/20	Sunny	10.2	0.5	5.3	0.0	Grayish yellow	None	>0.5	10.5	<1	1.2	< 0.86	< 0.65	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	146	Furumichigawa Dam		Tamura City	Surface layer	2024/5/21	Cloudy	22.2	2.3	16.9	0.5	Grayish yellow green	None	1.0	7.1	2	2.3	< 0.54	< 0.54	
					Deep layer					15.7	1.3	-	None		7.1	3	2.2	< 0.75	< 0.64	
					Surface layer	2024/6/19	Sunny	25.6	1.6	21.9	0.0	Grayish yellow	None	>1.6	7.9	3	2.2	< 0.84	< 0.59	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/21	Cloudy	26.4	1.1	22.3	0.0	Grayish yellow	None	0.5	8.3	6	2.0	< 0.85	< 0.72	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/18	Cloudy	19.1	1.2	16.7	0.0	Grayish yellow green	None	0.5	7.8	5	4.4	< 0.58	< 0.52	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/23	Sunny	10.2	1.0	8.6	0.0	Light grayish yellow	None	>1.0	7.3	<1	0.8	< 0.87	< 0.93	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/25	Sunny	4.2	1.8	3.2	0.0	Grayish yellow green	None	>1.8	7.8	2	0.4	< 0.69	< 0.89	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	147	Soso (farm pond)	Sawairi No. 1	Futaba Town	Surface layer	2024/5/31	Light Rain	22.1	0.4	21.0	0.0	Grayish reddish yellow	None	>0.4	15.9	9	7.3	< 0.77	< 0.85	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/19	Sunny	26.5	0.2	26.4	0.0	Grayish reddish yellow	None	>0.2	16.3	7	6.5	< 0.60	< 0.58	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/16	Cloudy	30.7	0.5	29.7	0.0	Grayish reddish yellow	None	0.3	16.4	7	6.1	< 0.67	< 0.67	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/28	Light Rain	20.9	0.3	17.4	0.0	Grayish reddish yellow	None	0.2	13.8	8	13	< 0.72	< 0.98	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/30	Sunny	8.6	0.4	7.6	0.0	Grayish greenish yellow	None	0.3	14.5	4	6.3	< 0.84	< 0.72	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/26	Sunny	9.0	0.3	3.3	0.0	Grayish yellow	None	0.2	15.6	5	5.0	< 0.60	< 0.72	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water

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	Location					Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
										General items								Activity concentration(Bq/L)		
																		Radioactive cesium		
	No.	Location		Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	148	Soso (farm pond)	Suzunai No. 4	Okuma Town	Surface layer	2024/5/16	Light Rain	18.0	0.3	19.9	0.0	Grayish yellow	None	>0.3	14.2	17	13	< 0.85	2.7 ± 0.40	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/28	Light Rain	23.0	0.9	22.8	0.0	Grayish yellow	None	0.3	15.8	17	3.0	< 0.64	0.97 ± 0.26	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/16	Cloudy	29.6	1.1	30.2	0.0	Grayish yellow	None	0.3	14.8	17	14	< 0.75	3.8 ± 0.49	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/28	Light Rain	21.2	0.6	20.2	0.0	Grayish yellow	None	0.3	21.7	23	29	< 0.78	3.8 ± 0.46	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/15	Cloudy	20.0	0.9	15.4	0.0	Grayish yellow	None	0.2	27.2	29	35	< 0.79	4.2 ± 0.50	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/16	Sunny	8.2	0.9	7.3	0.0	Grayish yellow	None	0.4	28.9	11	4.2	< 0.57	1.4 ± 0.24	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	149		Nishihaguro	Futaba Town	Surface layer	2024/5/15	Sunny	20.5	0.4	23.1	0.0	Grayish yellow	None	>0.4	8.6	7	3.8	< 0.79	< 0.76	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/19	Sunny	27.6	0.3	26.1	0.0	Grayish yellow	None	>0.3	10.3	12	4.5	< 0.64	< 0.76	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/5	Cloudy	32.9	0.2	31.6	0.0	Grayish yellow	None	>0.2	11.6	4	1.5	< 0.75	< 0.79	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/22	Cloudy	26.6	0.7	22.6	0.0	Grayish greenish yellow	None	0.4	9.9	7	7.9	< 0.87	< 0.76	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/15	Cloudy	20.1	0.5	14.7	0.0	Grayish yellow	None	>0.5	10.6	6	6.7	< 0.87	< 0.76	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/20	Sunny	9.8	0.5	5.6	0.0	Grayish yellow	None	>0.5	9.8	3	2.7	< 0.72	< 0.64	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	150	Sakashita Dam		Okuma Town	Surface layer	2024/5/15	Sunny	20.4	24.8	18.4	0.5	Dark grayish yellow green	None	0.4	6.3	<1	1.2	< 0.71	< 0.78	
					Deep layer					8.3	23.8	-	None		6.8	2	3.0	< 0.65	< 0.81	
					Surface layer	2024/6/17	Cloudy	29.3	22.1	24.8	0.5	Dark grayish yellow green	None	3.0	6.6	<1	0.6	< 0.60	< 0.67	
					Deep layer					9.7	21.1	-	None		6.6	<1	1.2	< 0.77	< 0.77	
					Surface layer	2024/8/15	Sunny	28.2	22.6	29.2	0.5	Dark grayish yellow green	None	5.0	7.6	<1	0.5	< 0.91	< 0.64	
					Deep layer					8.5	21.6	-	None		7.9	5	4.8	< 0.56	< 0.58	
					Surface layer	2024/10/28	Cloudy	17.3	22.1	18.0	0.5	Dark grayish yellow green	None	4.0	7.6	4	2.5	< 0.63	< 0.58	
					Deep layer					11.1	21.1	-	None		8.3	4	5.4	< 0.67	< 0.74	
					Surface layer	2024/11/26	Sunny	20.5	19.7	11.3	0.5	Dark grayish yellow green	None	3.5	7.2	<1	1.7	< 0.77	< 0.75	
					Deep layer					8.8	18.7	-	None		9.6	4	8.2	< 0.93	< 0.62	
					Surface layer	2024/12/24	Sunny	3.2	23.2	6.6	0.5	Dark grayish yellow green	None	3.0	8.0	2	4.0	< 0.70	< 0.62	
					Deep layer					6.0	22.2	-	None		7.9	3	3.5	< 0.76	< 0.71	
	151	Soso (farm pond)	Atamamori 2		Surface layer	2024/5/15	Sunny	23.8	0.4	23.2	0.0	Grayish greenish yellow	None	>0.4	10.1	<1	1.1	< 0.82	< 0.73	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/26	Cloudy	26.9	0.4	26.5	0.0	Light grayish yellow	None	>0.4	11.1	<1	0.6	< 0.63	< 0.66	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/15	Sunny	33.8	0.3	32.3	0.0	Grayish greenish yellow	None	>0.3	13.4	2	0.8	< 0.81	< 0.76	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/28	Cloudy	17.6	0.9	19.5	0.0	Grayish greenish yellow	None	0.3	13.6	<1	1.5	< 0.76	< 0.83	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/15	Cloudy	21.1	0.8	15.5	0.0	Grayish greenish yellow	None	>0.8	14.9	<1	2.1	< 0.68	< 0.71	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/23	Sunny	6.1	0.6	5.6	0.0	Grayish greenish yellow	None	>0.6	13.4	<1	0.6	< 0.86	< 0.73	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water

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	Location					Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
										General items								Activity concentration(Bq/L)		
																		Radioactive cesium		
	No.	Location		Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	152	Soso (farm pond)	Yonomori	Tomioka Town	Surface layer	2024/5/24	Sunny	31.7	1.2	27.9	0.0	Light grayish yellow	None	>1.2	11.5	<1	1.5	< 0.57	< 0.82	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/26	Cloudy	27.4	1.0	25.9	0.0	Light grayish yellow green	None	0.3	9.3	2	1.3	< 0.87	< 0.88	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/15	Sunny	32.9	0.5	33.6	0.0	Grayish yellow green	None	>0.5	10.9	10	4.7	< 0.56	< 0.74	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/28	Light Rain	15.5	0.9	19.4	0.0	Light grayish yellow green	None	0.3	15.4	3	3.8	< 0.82	< 0.88	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/15	Cloudy	20.0	0.6	16.6	0.0	Grayish yellow green	None	0.5	15.4	4	3.8	< 0.74	< 0.77	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/23	Sunny	2.0	0.4	2.2	0.0	Grayish yellow green	None	>0.4	13.8	2	1.6	< 0.75	< 0.69	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	153	Takikawa Dam			Surface layer	2024/6/28	Cloudy	25.3	5.5	22.2	0.5	Grayish yellow green	None	1.0	7.1	4	1.8	< 0.79	< 0.59	
					Deep layer					19.4	4.5	-	None		6.9	3	1.4	< 0.55	< 0.58	
					Surface layer	2024/7/12	Light Rain	24.7	10.4	23.3	0.5	Grayish yellow green	None	2.0	7.1	2	1.3	< 0.84	< 0.78	
					Deep layer					11.4	9.4	-	None		6.9	3	2.1	< 0.67	< 0.74	
					Surface layer	2024/7/29	Sunny	32.4	9.2	26.0	0.5	Grayish yellow green	None	2.0	7.3	2	1.8	< 0.74	< 0.84	
					Deep layer					13.2	8.2	-	None		7.5	4	3.5	< 0.84	< 0.80	
					Surface layer	2024/8/15	Sunny	29.4	6.3	28.8	0.5	Grayish yellow green	None	3.0	7.9	<1	0.7	< 0.80	< 0.66	
					Deep layer					18.8	5.3	-	None		7.9	7	2.4	< 0.65	< 0.66	
					Surface layer	2024/9/20	Cloudy	26.7	2.6	24.3	0.5	Grayish yellow green	None	1.0	8.1	2	1.2	< 0.80	< 0.64	
					Deep layer					23.5	1.6	-	None		8.4	5	2.2	< 0.75	< 0.93	
					Surface layer	2024/10/28	Cloudy	17.3	4.5	16.2	0.5	Grayish yellow green	None	2.0	8.3	<1	1.8	< 0.75	< 0.64	
					Deep layer					16.2	3.5	-	None		8.3	2	2.3	< 0.66	< 0.68	
					Surface layer	2024/11/26	Sunny	19.7	2.9	9.3	0.5	Grayish yellow green	None	2.0	7.9	<1	1.4	< 0.82	< 0.69	
					Deep layer					9.4	1.9	-	None		7.8	<1	1.6	< 0.71	< 0.80	
					Surface layer	2024/12/24	Sunny	3.5	3.5	3.9	0.5	Grayish yellow green	None	2.5	8.4	<1	1.3	< 0.76	< 0.80	
					Deep layer					3.8	2.5	-	None		8.5	2	0.9	< 0.76	< 0.83	
					Surface layer	2025/1/10	Sunny	3.0	5.7	3.4	0.5	Grayish yellow green	None	2.0	8.3	<1	1.7	< 0.77	< 0.75	
					Deep layer					3.0	4.7	-	None		8.2	2	1.8	< 0.73	< 0.78	
					Surface layer	2025/2/7	Sunny	3.2	5.2	3.7	0.5	Grayish yellow green	None	3.5	8.7	<1	2.1	< 0.75	< 0.89	
					Deep layer					3.2	4.2	-	None		8.7	2	3.2	< 0.70	< 0.81	
	154	Soso (farm pond)	Takinosawa		Surface layer	2024/5/20	Light Rain	16.4	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Surface layer	2024/6/26	Sunny	27.9	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Surface layer	2024/8/15	Sunny	31.6	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Surface layer	2024/10/22	Cloudy	20.3	0.4	19.5	0.0	Grayish yellow	None	0.2	12.9	7	8.8	< 0.86	< 0.81	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/23	Sunny	7.8	0.4	11.3	0.0	Grayish yellow	None	0.3	12.0	6	7.6	< 0.77	< 0.78	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/23	Sunny	5.8	0.3	7.2	0.0	Grayish yellow	None	>0.3	12.0	10	6.4	< 0.64	< 0.67	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	155		Kamisigeoka No. 1	Naraha Town	Surface layer	2024/5/23	Sunny	23.5	0.6	23.3	0.0	Grayish yellow green	None	>0.6	6.1	7	5.5	< 0.89	< 0.68	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/26	Sunny	28.2	0.6	24.7	0.0	Light grayish greenish yellow	None	0.1	6.7	28	11	< 0.55	< 0.76	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/16	Cloudy	28.9	0.7	30.6	0.0	Grayish yellow green	None	0.1	6.7	13	2.2	< 0.75	< 0.81	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/22	Cloudy	21.5	0.6	19.9	0.0	Grayish yellow green	None	0.2	7.1	23	11	< 0.71	< 0.70	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/15	Cloudy	21.0	0.6	15.3	0.0	Grayish yellow green	None	0.5	8.6	7	6.8	< 0.80	< 0.88	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/23	Sunny	4.4	0.6	3.0	0.0	Grayish yellow green	None	0.4	6.0	13	5.5	< 0.81	< 0.88	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water

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	Location					Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
										General items								Activity concentration(Bq/L)		
																		Radioactive cesium		
	No.	Location		Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	156	Soso (farm pond)	Shimoshigeoka	Naraha Town	Surface layer	2024/5/23	Sunny	23.0	0.4	23.3	0.0	Grayish yellow green	None	>0.4	7.8	8	4.3	< 0.64	< 0.69	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/26	Sunny	27.1	0.7	26.1	0.0	Light grayish yellow	None	0.1	8.9	15	4.9	< 0.63	< 0.54	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/19	Cloudy	28.1	0.7	31.1	0.0	Grayish yellow green	None	0.4	8.8	20	1.3	< 0.73	< 0.56	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/22	Cloudy	20.8	0.9	20.1	0.0	Grayish yellow green	None	0.2	8.3	15	18	< 0.81	< 0.78	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/15	Cloudy	18.5	0.7	15.9	0.0	Grayish yellow green	None	0.2	8.3	16	12	< 0.75	< 0.85	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/24	Sunny	2.5	0.6	2.1	0.0	Grayish yellow green	None	>0.6	7.9	3	2.2	< 0.69	< 0.64	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	157	Komachi Dam		Ono Town	Surface layer	2024/5/2	Cloudy	16.7	9.7	18.4	0.5	Grayish greenish yellow	None	2.0	8.5	3	2.3	< 0.75	< 0.75	
					Deep layer					11.8	8.7	-	None		8.2	4	3.4	< 0.68	< 0.75	
					Surface layer	2024/6/10	Cloudy	22.6	10.3	21.8	0.5	Grayish yellow green	None	3.0	8.3	<1	0.9	< 0.87	< 0.76	
					Deep layer					13.7	9.3	-	None		8.9	2	3.9	< 0.58	< 0.56	
					Surface layer	2024/8/21	Sunny	27.4	8.8	28.9	0.5	Grayish greenish yellow	None	3.0	8.8	3	0.9	< 0.68	< 0.72	
					Deep layer					26.4	7.8	-	None		10.0	5	1.8	< 0.54	< 0.78	
					Surface layer	2024/10/24	Cloudy	19.6	11.6	18.8	0.5	Grayish greenish yellow	None	3.0	9.3	2	1.8	< 0.54	< 0.75	
					Deep layer					18.3	10.6	-	None		9.2	3	1.1	< 0.71	< 0.69	
					Surface layer	2024/11/20	Sunny	3.6	9.6	10.6	0.5	Grayish greenish yellow	None	2.0	8.8	3	3.9	< 0.60	< 0.58	
					Deep layer					10.9	8.6	-	None		8.8	7	5.6	< 0.66	< 0.85	
					Surface layer	2024/12/23	Cloudy	2.0	10.5	3.1	0.5	Grayish greenish yellow	None	2.0	9.3	4	3.7	< 0.76	< 0.59	
					Deep layer					2.3	9.5	-	None		9.1	4	3.7	< 0.66	< 0.70	
	158	Kido Dam		Naraha Town	Surface layer	2024/5/22	Sunny	21.4	23.7	18.1	0.5	Dark grayish yellow green	None	2.5	4.6	<1	1.6	< 0.84	< 0.85	
					Deep layer					8.9	22.7	-	None		4.6	<1	1.1	< 0.81	< 0.75	
					Surface layer	2024/6/21	Cloudy	24.6	23.5	24.1	0.5	Dark grayish yellow green	None	4.0	5.0	<1	0.5	< 0.65	< 0.77	
					Deep layer					12.0	22.5	-	None		4.8	<1	1.2	< 0.87	< 0.72	
					Surface layer	2024/7/12	Light Rain	23.1	8.9	24.6	0.5	Dark grayish greenish yellow	None	2.5	5.3	2	1.4	< 0.82	< 0.69	
					Deep layer					22.4	7.9	-	None		5.6	<1	0.6	< 0.72	< 0.64	
					Surface layer	2024/8/19	Cloudy	28.7	15.6	26.7	0.5	Grayish yellow green	None	1.0	5.6	8	2.6	< 0.78	< 0.73	
					Deep layer					22.9	14.6	-	None		5.6	18	5.0	< 0.75	< 0.84	
					Surface layer	2024/9/30	Cloudy	18.5	12.3	23.3	0.5	Dark grayish yellow green	None	5.0	5.7	<1	1.5	< 0.59	< 0.50	
					Deep layer					21.4	11.3	-	None		5.5	2	1.6	< 0.82	< 0.83	
					Surface layer	2024/10/22	Cloudy	15.3	8.0	17.4	0.5	Dark grayish yellow green	None	3.0	5.6	<1	1.2	< 0.72	< 0.61	
					Deep layer					16.6	7.0	-	None		5.4	<1	1.2	< 0.60	< 0.73	
					Surface layer	2024/11/21	Cloudy	10.0	14.5	13.4	0.5	Dark grayish yellow green	None	2.0	5.2	3	1.9	< 0.85	< 0.88	
					Deep layer					12.6	13.5	-	None		5.1	2	1.4	< 0.66	< 0.73	
					Surface layer	2024/12/17	Sunny	9.1	24.0	7.0	0.5	Grayish yellow green	None	2.5	5.1	<1	1.3	< 0.84	< 0.69	
					Deep layer					5.9	23.0	-	None		5.2	<1	1.7	< 0.62	< 0.60	
					Surface layer	2025/1/10	Sunny	3.0	8.0	4.2	0.5	Dark grayish yellow green	None	2.0	5.4	2	1.6	< 0.74	< 0.85	
					Deep layer					4.2	7.0	-	None		5.3	4	2.5	< 0.82	< 0.81	
					Surface layer	2025/2/7	Sunny	2.4	9.7	4.2	0.5	Dark grayish yellow green	None	1.5	5.9	2	3.5	< 0.53	< 0.68	
					Deep layer					3.8	8.7	-	None		5.7	2	2.9	< 0.74	< 0.56	
	159	Soso (farm pond)	Otsutsumi		Surface layer	2024/5/24	Sunny	31.7	0.9	27.5	0.0	Grayish yellow	None	0.4	37.1	7	7.1	< 0.50	< 0.77	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/29	Sunny	23.6	1.0	23.9	0.0	Grayish greenish yellow	None	0.3	40.7	9	4.1	< 0.68	< 0.68	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/19	Cloudy	30.1	1.2	30.1	0.0	Grayish greenish yellow	None	0.5	40.4	15	3.0	< 0.72	< 0.70	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/22	Cloudy	20.6	1.2	19.0	0.0	Grayish greenish yellow	None	0.2	37.9	6	8.3	< 0.75	< 0.72	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/15	Cloudy	18.3	1.2	16.6	0.0	Grayish greenish yellow	None	0.2	41.2	8	12	< 0.77	< 0.72	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/24	Sunny	4.3	1.0	3.6	0.0	Grayish greenish yellow	None	0.6	39.0	5	3.4	< 0.76	< 0.70	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water

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	Location					Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
										General items								Activity concentration(Bq/L)		
																		Radioactive cesium		
	No.	Location		Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	160	Iwaki (farm pond)	Shinike	Iwaki City	Surface layer	2024/5/20	Cloudy	16.0	5.7	20.0	0.5	Grayish yellow green	None	3.0	6.6	<1	1.1	< 0.73	< 0.83	
					Deep layer					17.4	4.7	-	None		6.3	<1	1.4	< 0.93	< 0.99	
					Surface layer	2024/6/29	Cloudy	24.0	4.5	23.2	0.5	Light grayish yellow	None	1.0	9.4	<1	1.0	< 0.93	< 0.68	
					Deep layer					23.0	3.5	-	None		9.4	<1	0.9	< 0.61	< 0.58	
					Surface layer	2024/8/20	Cloudy	28.1	1.8	27.1	0.0	Grayish yellow green	None	0.6	10.1	4	1.9	< 0.78	< 0.72	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/21	Sunny	18.6	1.5	16.3	0.0	Grayish yellow green	None	0.3	8.6	9	8.8	< 0.71	< 0.74	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/19	Cloudy	10.9	0.4	8.4	0.0	Grayish yellow	None	0.1	12.2	57	14	< 0.82	< 0.93	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/26	Sunny	11.0	1.9	2.8	0.0	Grayish yellow green	None	1.5	11.3	2	0.8	< 0.51	< 0.84	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	161	Kodama Dam Reservoir (Lake Kodama)			Surface layer	2024/5/20	Light Rain	15.0	50.0	17.9	0.5	Dark grayish yellow green	None	3.0	6.9	2	1.5	< 0.61	< 0.58	
					Deep layer					6.7	49.0	-	None		6.9	3	2.4	< 0.72	< 0.76	
					Surface layer	2024/6/18	Light Rain	19.4	42.2	22.6	0.5	Grayish yellow green	None	2.0	7.2	<1	0.8	< 0.92	< 0.57	
					Deep layer					8.4	41.2	-	None		8.0	<1	1.1	< 0.77	< 0.75	
					Surface layer	2024/8/19	Cloudy	27.9	53.4	27.2	0.5	Dark grayish yellow green	None	4.0	8.5	6	0.9	< 0.54	< 0.70	
					Deep layer					6.8	52.4	-	None		9.5	4	3.3	< 0.81	< 0.73	
					Surface layer	2024/10/21	Sunny	21.5	55.1	18.4	0.5	Dark grayish yellow green	None	2.0	7.8	3	2.5	< 0.80	< 0.75	
					Deep layer					6.7	54.1	-	None		9.4	2	4.1	< 0.72	< 0.68	
					Surface layer	2024/11/21	Light Rain	7.0	56.0	11.5	0.5	Dark grayish yellow green	None	3.0	7.8	<1	1.2	< 0.64	< 0.62	
					Deep layer					6.7	55.0	-	None		8.7	2	3.5	< 0.72	< 0.68	
					Surface layer	2024/12/17	Sunny	16.3	54.0	6.6	0.5	Dark grayish yellow green	None	2.5	7.9	<1	1.2	< 0.86	< 0.68	
					Deep layer					6.2	53.0	-	None		8.2	<1	1.3	< 0.91	< 0.59	
	162	Iwaki (farm pond)	Kanoritsutsumishita		Surface layer	2024/5/20	Sunny	22.0	0.5	20.0	0.0	Grayish yellow green	None	0.2	48.2	3	2.5	< 0.84	< 0.80	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/28	Cloudy	22.3	0.5	24.0	0.0	Grayish yellow green	None	>0.5	52.3	5	1.0	< 0.75	< 0.68	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/20	Sunny	27.4	0.4	30.4	0.0	Grayish yellow green	None	0.3	55.2	7	1.4	< 0.85	< 0.68	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/21	Sunny	18.2	0.5	21.0	0.0	Grayish yellow green	None	0.2	49.4	18	14	< 0.75	< 0.59	
					Deep layer					-	-	-	None		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/15	Light Rain	17.9	0.6	15.2	0.0	Grayish yellow green	None	0.2	47.5	13	6.6	< 0.72	< 0.70	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/25	Sunny	11.0	0.5	6.6	0.0	Grayish yellow green	None	>0.5	47.7	7	4.8	< 0.81	< 0.66	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	163	Takashiba Dam Reservoir (Lake Takashiba)			Surface layer	2024/5/20	Light Rain	15.0	21.6	18.1	0.5	Dark grayish yellow green	None	1.5	8.7	7	3.6	< 0.60	< 0.70	
					Deep layer					14.8	20.6	-	None		9.2	10	6.1	< 0.82	< 0.66	
					Surface layer	2024/6/18	Light Rain	20.3	20.5	25.6	0.5	Dark grayish yellow green	None	4.0	11.5	<1	0.9	< 0.65	< 0.56	
					Deep layer					16.4	19.5	-	None		10.1	3	3.5	< 0.80	< 0.75	
					Surface layer	2024/8/20	Sunny	30.1	21.4	29.7	0.5	Light grayish yellow green	None	1.0	11.3	5	2.5	< 0.55	< 0.61	
					Deep layer					19.1	20.4	-	None		12.2	6	2.5	< 0.79	< 0.68	
					Surface layer	2024/10/31	Sunny	16.6	15.8	17.3	0.5	Light grayish yellow green	None	2.0	10.7	6	6.9	< 0.77	< 0.82	
					Deep layer					14.8	14.8	-	None		10.8	9	8.5	< 0.80	< 0.62	
					Surface layer	2024/11/29	Sunny	9.7	13.6	10.5	0.5	Dark grayish yellow green	None	2.0	10.7	3	3.6	< 0.56	< 0.54	
					Deep layer					9.3	12.6	-	None		11.2	3	2.3	< 0.84	< 0.85	
					Surface layer	2024/12/24	Sunny	3.8	12.8	4.9	0.5	Dark grayish yellow green	None	2.5	11.4	<1	0.7	< 0.82	< 0.72	
					Deep layer					4.6	11.8	-	None		11.0	<1	0.9	< 0.84	< 0.78	

Fukushima Lakes(Water_Hamadori) 11/11

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
									General items								Activity concentration(Bq/L)		
																	Radioactive cesium		
	No.	Location	Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	164	Shitoki Dam Reservoir	Iwaki City	Surface layer	2024/5/20	Light Rain	20.0	38.8	19.4	0.5	Dark grayish yellow green	None	1.5	6.0	<1	1.2	< 0.69	< 0.72	
				Deep layer					9.3	37.8	-	None		7.1	4	3.1	< 0.58	< 0.54	
				Surface layer	2024/6/18	Light Rain	19.5	34.0	24.7	0.5	Dark grayish yellow green	None	2.0	7.6	5	2.7	< 0.75	< 0.72	
				Deep layer					10.9	33.0	-	None		7.5	4	6.4	< 0.56	< 0.56	
				Surface layer	2024/8/20	Sunny	29.9	33.9	27.8	0.5	Dark grayish yellow green	None	4.0	7.7	<1	0.7	< 0.76	< 0.75	
				Deep layer					14.2	32.9	-	None		7.4	4	1.3	< 0.80	< 0.88	
				Surface layer	2024/10/31	Sunny	17.6	34.3	18.7	0.5	Dark grayish yellow green	None	3.0	7.5	<1	2.5	< 0.74	< 0.73	
				Deep layer					11.6	33.3	-	None		11.4	6	10	< 0.81	< 0.89	
				Surface layer	2024/11/29	Sunny	12.9	33.8	12.5	0.5	Dark grayish yellow green	None	1.5	7.3	4	3.9	< 0.68	< 0.71	
				Deep layer					11.9	32.8	-	None		7.3	5	4.4	< 0.53	< 0.85	
				Surface layer	2024/12/24	Sunny	5.9	34.3	7.7	0.5	Grayish yellow	None	1.5	8.3	3	4.7	< 0.88	< 0.92	
				Deep layer					6.7	33.3	-	None		7.7	5	5.7	< 0.80	< 0.73	

* Reasons for difficulty in entering the study area include winter closures, winter road closures, typhoons and other disasters, construction, etc.

Fukushima Lakes(Sediment_Hamadori) 1/5

	Location					Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																			Remarks
											Sediment	General items															Activity concentration [Bq/kg(dry)]			
															Grain size distribution(%)									Sediment content (%)	Density (Mg/m^3)	Property	Radioactive cesium			
	No.	Location			Municipality					temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Lakes and Reservoirs	124	Soso (farm pond)	Takei	Shinchi Town	2024/5/1	Cloudy	17.8	2.5	18.0	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	1.0	42.9	56.0	22.2	2.51	silt	17 ± 3.6	930 ± 16	947	
					2024/6/5	Sunny	22.0	2.5	21.9	3	Gray	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	1.9	19.0	50.2	28.8	42.5	2.54	silt	12 ± 2.5	490 ± 11	502	
					2024/8/23	Sunny	32.8	2.2	28.9	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.2	0.9	12.1	51.7	35.1	40.3	2.50	silt	< 9.3	480 ± 13	480	
					2024/10/23	Cloudy	22.0	2.9	19.4	3	Gray	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	2.3	11.3	44.8	41.5	32.0	2.54	silt	9.1 ± 2.7	560 ± 13	569.1	
					2024/11/27	Sunny	17.3	3.0	12.8	3	Gray	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.5	3.3	33.2	62.9	25.3	2.55	silt	11 ± 1.4	790 ± 8.6	801	
					2024/12/25	Sunny	3.2	2.9	6.0	3	Gray	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.2	0.3	41.0	58.5	21.5	2.55	silt	16 ± 4.6	940 ± 18	956	
	125		Uchizawa	Soma City	2024/5/1	Cloudy	19.6	3.3	17.8	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.5	1.0	20.1	14.3	23.3	40.8	43.6	2.60	silt/sand	< 8.4	190 ± 6.7	190	
					2024/6/5	Sunny	25.0	2.5	23.6	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.2	1.7	33.4	37.4	12.7	14.6	62.8	2.63	silt/sand	< 7.3	97 ± 7.4	97	
					2024/8/23	Sunny	33.8	1.3	29.8	3	Grayish olive	Faint hydrogen sulfide	0.0	0.1	1.0	2.2	35.9	15.1	20.0	25.7	52.4	2.62	silt/sand	< 9.3	200 ± 12	200	
					2024/10/23	Cloudy	22.5	3.4	19.2	3	Grayish olive	Faint hydrogen sulfide	0.0	0.1	0.6	1.5	59.9	16.6	6.6	14.7	61.9	2.64	sand/silt	< 5.2	110 ± 5.4	110	
					2024/11/27	Sunny	16.9	2.8	12.5	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	1.0	39.3	59.6	41.6	2.59	silt	< 8.8	210 ± 9.8	210	
					2024/12/25	Sunny	8.5	3.0	4.0	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.6	3.0	60.4	13.0	8.7	14.3	60.7	2.65	sand/silt	< 4.9	98 ± 5.7	98	
	126	Matsugabo Dam (Lake Utagawa)			2024/5/8	Cloudy	16.5	21.5	6.1	3	Brownish black	Faint sewage	0.0	0.0	0.0	0.2	0.8	12.7	54.6	31.7	33.7	2.54	silt	18 ± 5.1	1,200 ± 32	1,218	
					2024/6/11	Sunny	24.7	25.2	7.5	4	Brownish black	Faint sewage	0.0	0.0	0.0	0.3	0.8	6.2	32.6	60.1	28.4	2.61	silt	28 ± 6.0	1,800 ± 42	1,828	
					2024/8/23	Sunny	33.1	28.6	9.5	3	Brownish black	Faint sewage	0.0	0.0	0.0	0.1	0.1	0.0	34.9	64.9	27.0	2.57	silt	29 ± 9.1	1,800 ± 45	1,829	
					2024/10/23	Cloudy	20.1	28.3	9.3	4	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	0.6	26.3	73.0	21.8	2.54	silt	120 ± 12	7,100 ± 86	7,220	
					2024/11/25	Sunny	11.9	22.8	8.9	3	Brownish black	Faint sewage	0.0	0.0	0.2	0.8	15.2	17.3	32.9	33.6	24.8	2.62	silt	34 ± 7.0	1,900 ± 49	1,934	
					2024/12/25	Cloudy	2.5	29.5	5.0	3	Brownish black	Faint sewage	0.0	0.0	1.8	2.4	3.6	1.8	38.5	51.9	25.7	2.61	silt	21 ± 4.7	1,500 ± 30	1,521	
	127	Mano Dam		Iitate Village	2024/5/8	Cloudy	18.4	35.0	5.8	3	Brownish black	Faint sewage	0.0	0.0	1.7	1.5	3.7	7.2	31.1	54.8	32.6	2.48	silt	84 ± 14	5,800 ± 77	5,884	
					2024/6/11	Sunny	27.0	34.2	8.7	4	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.1	1.8	41.2	56.8	28.8	2.59	silt	59 ± 11	3,900 ± 77	3,959	
					2024/7/31	Cloudy	27.9	41.7	13.1	4	Dark grayish yellow	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.9	5.2	52.0	41.8	33.0	2.61	silt	35 ± 9.9	2,900 ± 58	2,935	
					2024/8/23	Sunny	31.7	46.4	9.9	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.0	0.2	36.4	63.3	28.1	2.59	silt	49 ± 10	3,800 ± 80	3,849	
					2024/9/26	Sunny	24.4	50.1	10.7	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.2	0.9	4.7	36.0	58.2	27.1	2.56	silt	43 ± 10	3,900 ± 77	3,943	
					2024/10/29	Sunny	20.6	51.4	9.1	4	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	1.3	26.1	72.5	24.9	2.58	silt	63 ± 14	4,300 ± 110	4,363	
					2024/11/25	Sunny	14.3	29.8	8.9	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.2	1.2	38.1	60.4	25.7	2.60	silt	67 ± 12	4,900 ± 93	4,967	
					2024/12/11	Sunny	10.2	50.5	7.4	3	Yellowish gray	Faint hydrogen sulfide	0.0	0.0	0.6	1.2	2.9	9.5	55.3	30.5	28.4	2.59	silt	71 ± 11	4,800 ± 80	4,871	
					2025/1/14	Sunny	6.0	50.7	7.0	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	0.6	36.6	62.7	24.6	2.51	silt	53 ± 10	4,400 ± 74	4,453	
					2025/2/6	Sunny	2.7	49.7	4.8	3	Brownish black	None	0.0	0.0	0.0	0.0	0.1	0.5	29.3	70.1	25.1	2.52	silt	62 ± 15	5,000 ± 130	5,062	
	128	Soso (farm pond)	Ainosawa		2024/5/2	Sunny	11.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					2024/6/6	Sunny	21.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					2024/8/2	Sunny	30.4	0.4	26.7	3	Brown	None	0.0	0.1	4.0	6.5	21.0	25.8	24.2	18.4	60.2	2.63	sand/silt	< 6.5	140 ± 6.3	140	
					2024/10/18	Cloudy	18.1	0.2	18.2	4	Brown	None	0.0	0.0	5.8	10.8	17.6	24.6	21.9	19.3	54.2	2.61	silt/sand	17 ± 4.9	960 ± 25	977	
					2024/11/14	Sunny	17.1	0.5	12.4	3	Dark brown	None	0.0	0.0	4.8	10.6	25.3	18.8	16.4	24.1	52.0	2.61	sand/silt	12 ± 2.1	620 ± 13	632	
					2024/12/11	Light Snow	7.3	0.7	5.3	3	Brownish black	None	0.0	0.0	5.7	10.7	24.9	17.1	23.3	18.3	38.1	2.61	sand/silt	< 9.4	480 ± 13	480	
	129	Ganbe Dam Reservoir			2024/5/14	Sunny	14.8	12.3	6.8	3	Brownish black	Faint sewage	0.0	0.0	0.0	0.0	0.1	0.6	36.4	62.9	23.2	2.39	silt	150 ± 19	8,800 ± 110	8,950	
					2024/6/7	Cloudy	15.3	12.9	7.2	3	Brownish black	Faint sewage	0.0	0.0	0.0	0.0	0.1	0.5	29.0	70.4	27.8	2.37	silt	130 ± 16	8,400 ± 110	8,530	
					2024/8/2	Sunny	28.2	5.0	24.8	3	Dark grayish yellow	Faint sewage	0.0	0.1	9.3	17.1	17.8	15.8	21.4	18.5	60.6	2.58	silt/sand	88 ± 7.0	7,000 ± 41	7,088	
					2024/10/18	Cloudy	18.9	12.7	15.5	3	Brownish black	Faint swamp	0.0	0.4	4.3	6.2	14.0	25.5	28.7	20.9	43.8	2.57	silt/sand	84 ± 9.9	6,700 ± 76	6,784	
					2024/11/19	Cloudy	5.2	12.2	10.1	4	Brownish black	Faint sewage	0.0	0.0	0.0	0.0	0.1	0.1	41.5	58.3	23.0	2.37	silt	120 ± 22	9,300 ± 130	9,420	
					2024/12/24	Sunny	1.0	9.0	2.8	3	Brownish black	None	0.0	0.0	0.5	0.1	0.8	1.2	44.4	53.0	24.2	2.46	silt	89 ± 18	7,400 ± 160	7,489	
	130	Soso (farm pond)	Fugane Dam		2024/5/2	Sunny	16.0	1.5	17.8	3	Grayish yellow brown	None	0.0	0.0	12.1	17.2	20.3	13.5	25.8	11.1	62.0	2.61	sand/silt	95 ± 8.5	6,800 ± 56	6,895	
					2024/6/7	Cloudy	21.5	0.4	18.0	3	Dark brown	None	0.0	1.0	8.9	22.0	24.8	11.9	20.4	11.0	66.3	2.58	sand/silt	190 ± 16	13,000 ± 110	13,190	
					2024/8/2	Sunny	31.4	0.4	26.7	3	Grayish yellow brown	None	0.0	0.0	9.3	14.4	23.6	18.1	23.4	11.2	56.6	2.60	sand/silt	91 ± 5.0	6,100 ± 31	6,191	
					2024/10/18	Cloudy	19.9	1.8	16.7	3	Dark brown	None	0.0	0.0	12.3	15.8	20.1	16.2	21.8	13.8	57.0	2.57	sand/silt	130 ± 10	10,000 ± 75	10,130	
					2024/11/14	Sunny	16.3	1.9	11.0	3	Dark brown	None	0.0	0.1	9.2	16.7	23.3	15.8	22.7	12.2	61.2	2.61	silt/sand	100 ± 8.4	6,900 ± 63	7,000	
					2024/12/11	Cloudy	4.1	0.6	6.3	3	Grayish yellow brown	None	0.0	0.1	18.0	21.0	23.0	11.0	18.2	8.7	66.3	2.64	sand/gravel	130 ± 9.8	11,000 ± 74	11,130	
	131		Sasatoge		2024/5/14	Sunny	15.5	0.2	11.4	3	Brownish black	Faint sewage	0.0	0.0	7.3	9.5	21.7	25.7	12.0	23.8	43.8	2.58	silt/sand	29 ± 6.8	1,800 ± 35	1,829	
					2024/6/7	Cloudy	23.4	0.1	13.9	3	Brownish black	None	0.0	0.0	5.8	7.6	16.7	21.1	26.3	22.5	38.8	2.57	silt/sand	36 ± 6.7	1,900 ± 46	1,936	
					2024/8/2	Cloudy	27.9	0.1	20.1	3	Brownish black	Faint sewage	0.0	0.1	15.6	17.1	29.9	14.1	11.3	11.9	65.4	2.67	silt/sand	20 ± 3.7	1,200 ± 25	1,220	
					2024/10/18	Cloudy	18.2	0.1	14.4	3	Brownish black	Faint sewage	0.0	0.1	12.0	15.1	28.1	24.7	9.9	10.1	53.5	2.65	silt/sand	16 ± 3.2	970 ± 18	986	
					2024/11/19	Sunny	7.8	0.2	9.9	3	Brownish black	None	0.0	0.1	7.2	12.2	33.0	17.7	11.8	18.0	64.7	2.66	silt/sand	14 ± 3.2	1,200 ± 26	1,214	
					2024/12/24	Sunny	-0.8	0.1	2.0	3	Brownish black	Faint sewage	0.0	0.1	6.8	10.8	25.7	15.9	26.8	13.9	48.8	2.63	silt/sand	12 ± 3.1	880 ± 19	892	
	132	Takanokura Dam Reservoir		Minamisoma City	2024/5/13	Light Rain	18.7	35.0	6.2	4	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.2	1.5	41.8	56.5	36.6	2.56	silt	68 ± 19	5,900 ± 110	5,968	
					2024/6/10	Cloudy	26.0	32.5	12.4	4	Grayish olive	None	0.0	0.0	0.0	0.0	0.1	1.3	28.4	70.2	37.7	2.55	silt	71 ± 10	5,100 ± 74	5,171	
					2024/8/7	Cloudy	26.9	21.5	13.1	3	Brownish black	Faint sewage	0.0	0.0	0.0	0.3	4.2	13.9	45.8	35.8	46.2	2.64	silt	62 ± 12	3,700 ± 82	3,762	
					2024/10/21	Sunny	20.2	33.1	9.4	4	Grayish olive	None	0.0	0.0	0.1	0.1	0.2	1.8	55.5	42.3	38.1	2.57	silt	120 ± 19	7,700 ± 130	7,820	
					2024/11/20	Sunny	10.6	23.9	10.2	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.2	1.4	40.7	57.7	37.2	2.57	silt	48 ± 13	5,400 ± 77	5,448	
					2024/12/13	Sunny	10.1	35.7	7.6	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.1	1.5	40.7	57.6	38.8	2.55	silt	91 ± 7.5	5,800 ± 51	5,891	
	133	Yokokawa Dam Reservoir			2024/5/13	Light Rain	19.2	28.0	7.5	3	Dark grayish yellow	None	0.0	0.0	0.3	0.7	3.1	6.8	46.2	42.9	31.8	2.41	silt/sand	180 ± 25	16,000 ± 200	16,180	
					2024/6/10	Cloudy	27.5	8.5	19.8	4	Brownish black	None	0.0	0.0	0.0	0.1	3.6	7.0	41.4	47.9	31.3	2.37	sand/silt	140 ± 23	11,000 ± 170	11,140	
					2024/8/7	Cloudy	25.9	5.7	27.8	3	Dark grayish yellow	None	0.0	0.4	19.7	25.7	25.0	9.4	8.1	11.7	73.2	2.65	sand/gravel	73 ± 9.4	4,900 ± 67	4,973	
					2024/10/21	Sunny	21.2	19.6	18.4	3	Brownish black	None	0.0	0.3	4.4	9.5	19.1	22.6	25.7	18.4	49.8	2.55	sand/silt	72 ± 17	7,100 ± 100	7,172	
					2024/11/20	Sunny	8.6	7.4	12.1	3	Brownish black	None	0.0	0.4	17.3	23.0	34.7	12.4	6.0	6.2	72.9	2.68	sand/gravel	28 ± 4.3	2,000 ± 28	2,028	
					2024/12/13	Cloudy	7.5	8.9	8.9	3	Dark brown	None	0.0	0.0	4.2	13.5	47.7	27.8	4.1	2.7	70.0	2.69	sand/gravel	15 ± 4.3	1,500 ± 24	1,515	

Fukushima Lakes(Sediment_Hamadori) 2/5

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																			Remarks
										Sediment			General items													Activity concentration [Bq/kg(dry)]			
													Grain size distribution(%)								Sediment content (%)	Density (Mg/m^3)	Property	Radioactive cesium			
	No.	Location		Municipality					Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Lakes and Reservoirs	134	Soso (farm pond)	Tarayachi	Minamisoma City	2024/5/20	Cloudy	21.2	0.6	23.1	3	Olive brown	Faint swamp	0.0	0.3	9.8	14.1	23.7	19.2	15.7	17.2	59.4	2.69	sand/silt	< 6.0	80 ± 4.6	80	
					2024/6/25	Cloudy	31.6	0.6	26.1	3	Dark grayish yellow	Faint swamp	0.0	0.0	0.0	7.5	10.8	7.0	41.4	33.3	47.3	2.55	silt/sand	34 ± 4.6	2,400 ± 34	2,434	
					2024/8/5	Cloudy	32.2	0.6	29.7	3	Brownish black	Faint sewage	0.0	0.1	15.9	33.1	28.3	6.6	4.3	11.7	67.2	2.62	sand	12 ± 2.3	760 ± 15	772	
					2024/10/22	Cloudy	23.4	0.6	18.0	3	Brownish gray	Faint sewage	0.0	0.9	9.4	18.2	34.5	12.6	10.7	13.7	68.5	2.67	sand/gravel	< 9.1	320 ± 14	320	
					2024/11/13	Sunny	16.0	0.5	12.1	3	Dark grayish yellow	None	0.0	0.2	12.3	23.2	35.7	13.5	5.3	9.8	67.1	2.68	sand/gravel	< 7.3	400 ± 13	400	
					2024/12/13	Cloudy	7.8	0.7	5.7	3	Dark grayish yellow	Faint sewage	0.0	0.0	8.0	17.6	35.6	13.6	11.1	14.1	69.1	2.64	silt/sand	< 9.1	690 ± 15	690	
	135		Takeshiyachi		2024/5/2	Sunny	20.2	0.3	21.6	4	Olive brown	None	0.0	0.1	11.7	18.2	34.0	22.0	7.7	6.3	71.7	2.68	sand/gravel	< 8.0	140 ± 8.0	140	
					2024/6/25	Sunny	33.2	0.2	26.6	3	Grayish olive	Faint swamp	0.0	0.2	12.4	12.8	30.4	32.6	4.4	7.2	73.5	2.68	sand/gravel	< 4.6	190 ± 6.0	190	
					2024/8/5	Sunny	31.3	0.2	31.6	3	Dull yellow brown	None	0.0	0.0	8.0	24.6	39.8	16.6	5.5	5.5	75.0	2.67	sand/gravel	< 7.9	190 ± 9.2	190	
					2024/10/22	Cloudy	24.1	0.6	18.4	3	Olive black	None	0.0	2.9	20.3	27.2	33.9	9.1	4.1	2.5	73.5	2.68	sand/gravel	< 9.6	96 ± 9.3	96	
					2024/11/13	Sunny	18.2	0.6	14.0	3	Grayish olive	Faint sewage	0.0	0.0	2.2	8.4	35.3	39.0	9.7	5.4	67.7	2.68	sand/silt	< 8.4	240 ± 11	240	
					2024/12/19	Sunny	4.8	0.5	5.2	4	Brown	None	0.0	0.1	15.5	22.2	40.3	13.9	4.7	3.3	75.4	2.67	gravel/sand	< 9.5	110 ± 6.8	110	
	136		Ryugasaku		2024/5/2	Sunny	20.4	1.6	17.9	5	Dark grayish yellow	None	0.0	0.1	11.5	17.9	15.8	27.3	10.1	17.3	68.3	2.66	sand/silt	< 8.3	250 ± 11	250	
					2024/6/25	Cloudy	32.1	1.1	24.4	3	Olive brown	None	0.0	0.1	9.6	15.8	17.3	30.3	11.9	15.0	78.2	2.69	sand/silt	4.4 ± 0.92	230 ± 5.6	234.4	
					2024/8/5	Sunny	30.1	0.2	28.9	3	Grayish yellow brown	None	0.0	0.1	6.1	9.9	13.4	21.1	28.4	21.0	62.3	2.62	silt/sand	< 8.5	430 ± 13	430	
					2024/10/22	Cloudy	24.3	0.4	17.0	4	Dull yellow brown	None	0.0	0.8	6.1	12.7	15.6	26.8	17.4	20.6	66.7	2.68	sand/silt	< 9.9	180 ± 11	180	
					2024/11/13	Sunny	18.6	0.8	10.9	3	Brownish black	None	0.0	0.0	3.5	8.1	10.0	21.7	26.9	29.8	47.5	2.61	silt/sand	14 ± 3.3	890 ± 25	904	
					2024/12/19	Sunny	4.3	0.3	3.9	4	Grayish olive	None	0.0	0.0	6.1	11.8	12.4	15.5	19.2	35.0	47.5	2.60	silt/sand	< 9.3	720 ± 15	720	
	137	Kenpoku (farm pond)	Uwatashiro	Kawamata Town	2024/5/10	Sunny	18.6	0.4	13.8	3	Dark grayish yellow	Faint swamp	0.0	0.0	1.5	5.2	11.9	11.6	41.3	28.5	57.8	2.66	silt/sand	< 1.5	2.1 ± 0.59	2.1	
					2024/6/19	Sunny	29.1	0.3	20.4	3	Dark grayish yellow	None	0.0	0.0	1.3	3.5	8.3	8.3	38.9	39.7	56.2	2.67	silt/sand	< 5.1	6.3 ± 1.4	6.3	
					2024/8/2	Sunny	27.9	0.3	25.5	3	Brownish gray	Faint sewage	0.0	0.0	12.5	19.9	40.3	19.7	3.7	3.9	77.2	2.67	sand/gravel	< 6.9	57 ± 4.9	57	
					2024/10/18	Cloudy	20.1	0.3	16.9	3	Dark grayish yellow	Faint sewage	0.0	0.0	14.7	21.7	37.3	20.6	3.2	2.5	76.9	2.68	sand/gravel	< 5.6	51 ± 4.6	51	
					2024/11/19	Sunny	9.8	0.5	7.2	3	Grayish yellow brown	None	0.0	0.0	6.5	15.9	38.0	19.9	9.4	10.3	64.7	2.65	silt/sand	< 8.8	140 ± 7.5	140	
					2024/12/23	Sunny	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
	138		Koakuto	Namie Town	2024/5/31	Light Rain	20.3	0.4	17.9	3	Brownish gray	Faint sewage	0.0	0.1	6.6	15.6	20.3	13.9	24.5	19.0	54.6	2.61	silt/sand	14 ± 3.9	1,000 ± 21	1,014	
					2024/6/28	Light Rain	22.7	0.3	22.2	4	Brownish black	Faint sewage	0.0	0.0	5.7	14.1	21.2	13.5	21.8	23.7	43.5	2.61	silt/sand	41 ± 5.2	2,100 ± 35	2,141	
					2024/8/7	Cloudy	25.6	0.4	26.7	3	Brownish black	Faint ditch	0.0	0.0	21.3	26.8	13.7	5.1	15.2	17.9	58.6	2.55	silt/sand	60 ± 6.9	3,700 ± 47	3,760	
					2024/10/25	Sunny	21.4	0.4	15.6	3	Grayish yellow brown	Faint sewage	0.0	0.0	6.8	16.0	20.0	12.5	22.9	21.8	50.7	2.61	silt/sand	21 ± 3.3	1,600 ± 22	1,621	
					2024/11/30	Sunny	6.2	0.4	4.4	4	Grayish yellow brown	Faint sewage	0.0	0.0	6.8	21.4	22.2	11.1	19.7	18.8	60.4	2.64	silt/sand	20 ± 4.1	1,300 ± 27	1,320	
					2024/12/23	Sunny	-0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
	139	Soso (farm pond)	Yosouchi	Iitate Village	2024/5/2	Sunny	13.4	0.4	19.2	3	Brown	None	0.0	0.1	10.8	17.8	27.0	18.5	10.6	15.2	59.9	2.67	sand/gravel	< 9.3	250 ± 12	250	
					2024/6/19	Sunny	23.4	0.4	23.3	3	Dark brown	Faint sewage	0.0	0.2	8.1	13.2	29.8	24.5	12.0	12.2	68.1	2.70	silt/sand	15 ± 2.7	620 ± 15	635	
					2024/8/2	Sunny	30.8	0.3	30.8	3	Dark grayish yellow	Faint ditch	0.0	0.1	2.0	10.5	27.5	18.8	24.9	16.2	70.6	2.71	sand/silt	< 8.5	390 ± 14	390	
					2024/10/18	Cloudy	18.6	1.0	18.7	4	Dark grayish yellow	Faint ditch	0.0	0.0	7.6	11.3	22.1	23.8	20.0	15.2	52.5	2.66	silt/sand	< 9.2	330 ± 12	330	
					2024/11/14	Sunny	15.6	1.0	11.8	4	Olive black	Faint ditch	0.0	0.0	5.1	12.3	29.1	30.9	11.4	11.2	67.3	2.68	sand/silt	< 5.7	240 ± 7.1	240	
					2024/12/24	Sunny	1.8	1.0	1.0	5	Dark grayish yellow	None	0.0	0.1	3.3	9.7	26.6	22.7	21.4	16.2	60.1	2.67	sand/silt	< 9.3	160 ± 9.5	160	
	140		Myobusaku No. 2	Minamisoma City	2024/5/2	Sunny	21.8	0.3	19.3	3	Dark grayish yellow	Faint hydrogen sulfide	0.0	0.0	0.1	0.6	9.7	49.4	20.7	19.5	43.2	2.47	silt/sand	24 ± 5.3	1,300 ± 38	1,324	
					2024/6/25	Cloudy	27.6	0.4	24.8	3	Brownish gray	Faint sewage	0.0	0.0	1.0	0.6	8.1	45.9	25.2	19.2	52.2	2.53	silt/sand	17 ± 3.0	1,100 ± 17	1,117	
					2024/8/5	Sunny	31.9	0.2	29.8	3	Yellowish gray	Faint sewage	0.0	0.0	0.6	1.4	14.6	36.5	28.0	18.9	51.7	2.53	sand/silt	< 8.2	410 ± 12	410	
					2024/10/22	Sunny	25.5	0.6	19.0	4	Olive black	Faint sewage	0.0	0.0	0.1	0.4	10.7	43.7	24.6	20.5	43.8	2.51	silt/sand	14 ± 3.3	1,200 ± 28	1,214	
					2024/11/13	Sunny	18.2	0.3	13.0	3	Dark grayish yellow	Faint sewage	0.0	0.0	0.2	0.9	11.8	44.9	17.5	24.7	46.5	2.52	silt/sand	17 ± 3.7	1,100 ± 25	1,117	
					2024/12/19	Sunny	1.4	0.3	7.1	4	Dark grayish yellow	Faint sewage	0.0	0.0	0.1	0.4	9.4	40.6	26.3	23.2	41.5	2.47	silt/sand	29 ± 6.0	1,200 ± 34	1,229	
	141	Ogaki Dam		Namie Town	2024/7/29	Sunny	32.8	10.5	11.8	5	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.2	1.0	34.9	63.9	26.9	2.41	silt	650 ± 38	46,000 ± 250	46,650	
					2024/8/16	Cloudy	27.3	6.6	18.9	3	Brownish black	None	0.0	0.0	0.0	0.0	0.5	1.1	35.5	62.9	26.5	2.48	silt	720 ± 40	48,000 ± 280	48,720	
					2024/8/30	Cloudy	27.9	11.1	16.5	3	Brownish black	None	0.0	0.0	0.2	0.5	1.8	5.0	30.3	62.2	30.8	2.45	silt	280 ± 33	22,000 ± 250	22,280	
					2024/9/20	Cloudy	27.4	9.8	11.2	4	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	1.1	6.1	33.1	59.7	26.5	2.42	silt	580 ± 47	37,000 ± 330	37,580	
					2024/10/10	Light Rain	21.2	8.7	18.1	4	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.2	1.2	35.2	63.4	27.6	2.41	silt	650 ± 37	49,000 ± 280	49,650	
					2024/10/25	Sunny	19.5	11.0	7.5	4	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.2	1.2	31.4	67.2	28.1	2.45	silt	620 ± 25	47,000 ± 190	47,620	
					2024/11/28	Sunny	13.7	18.0	8.6	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	3.8	5.3	6.6	5.3	33.0	46.0	38.4	2.46	silt	330 ± 30	26,000 ± 220	26,330	
					2024/12/26	Sunny	6.8	10.8	5.1	3	Brownish black	None	0.0	0.0	0.5	0.4	0.5	1.5	52.0	45.1	25.7	2.43	silt	620 ± 32	48,000 ± 230	48,620	
					2025/1/14	Sunny	2.0	10.2	5.0	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.7	2.1	7.6	6.9	35.3	47.4	28.8	2.47	silt	750 ± 29	56,000 ± 190	56,750	
					2025/2/6	Sunny	2.4	10.3	4.6	3	Olive brown	Faint sewage	0.0	0.0	0.1	1.3	4.5	5.3	20.8	68.0	30.3	2.49	silt	230 ± 29	20,000 ± 240	20,230	
	142	Soso (farm pond)	Uenokawa	Katsurao Village	2024/5/10	Sunny	24.8	0.1	16.1	2	Grayish yellow brown	None	0.0	0.5	33.2	19.2	18.5	8.1	8.4	12.1	71.5	2.69	sand/gravel	< 7.9	110 ± 7.0	110	
					2024/6/19	Sunny	24.5	0.1	19.9	3	Brownish black	None	0.0	0.1	14.6	36.9	40.0	4.7	2.3	1.4	68.0	2.72	sand	< 7.8	170 ± 9.4	170	
					2024/8/7	Cloudy	26.3	0.1	22.1	3	Dull yellow brown	None	0.0	0.3	50.0	40.9	8.2	0.3	0.2	0.1	92.0	2.70	gravel/sand	< 7.7	38 ± 3.8	38	
					2024/10/18	Cloudy	19.7	0.1	15.8	2	Dull yellow brown	None	0.0	1.0	54.8	19.4	13.0	6.9	2.6	2.3	78.5	2.72	gravel/sand	< 7.3	49 ± 4.6	49	
					2024/11/19	Sunny	4.7	0.2	7.4	3	Grayish yellow brown	None	0.0	0.9	18.3	12.0	20.3	13.6	14.4	20.5	65.7	2.65	sand	< 7.2	260 ± 9.9	260	
					2024/12/23	Sunny	1.7	0.1	2.8	3	Brownish black	Faint ditch	0.0	0.2	10.4	9.4	24.0	20.4	17.1	18.5	47.9	2.64	silt/sand	< 7.8	500 ± 14	500	
	143		Heigoiri	Iitate Village	2024/5/2	Sunny	14.0	0.6	16.0	3	Brownish black	None	0.0	0.0	3.1	7.8	17.3	15.6	20.8	35.4	25.7	2.44	silt/sand	62 ± 11	3,500 ± 64	3,562	
					2024/6/6	Sunny	18.1	0.4	16.3	3	Grayish yellow brown	None	0.0	0.1	1.3	5.8	17.0	18.5	30.4	26.9	47.1	2.53	silt/sand	12 ± 2.3	1,000 ± 17	1,012	
					2024/8/2	Sunny	27.9	0.4	24.2	3	Dark grayish yellow	Faint sewage	0.0	0.1	1.3	4.8	21.5	21.5	19.6	31.2	53.7	2.60	silt/sand	15 ± 3.0	650 ± 18	665	
					2024/10/18	Cloudy	16.4	0.5	15.8	4	Grayish yellow brown	Faint sewage	0.0	0.0	2.0	5.8	15.6	19.4	28.2	29.0	46.2	2.53	silt/sand	45 ± 6.8	2,700 ± 48	2,745	
					2024/11/14	Sunny	18.9	0.6	9.0	3	Brownish black	None	0.0	0.0	1.7	6.9	17.8	17.2	23.0	33.4	40.0	2.52	silt/sand	36 ± 7.9	3,000 ± 57	3,036	
					2024/12/24	Sunny	-1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.

Fukushima Lakes(Sediment_Hamadori) 3/5

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																					Remarks
										Sediment	General items																	Activity concentration [Bq/kg(dry)]			
														Grain size distribution(%)										Sediment content (%)	Density (Mg/m^3)	Property	Radioactive cesium			
	No.	Location		Municipality					Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Lakes and Reservoirs	144	Soso (farm pond)	Mekurasawa No. 2	Namie Town	2024/5/16	Light Rain	19.5	0.5	21.1	3	Brown	Faint sewage	0.0	0.3	9.0	13.4	17.9	19.0	11.5	28.9	63.7	2.66	silt/sand	36 ± 5.0	3,400 ± 39	3,436	
					2024/6/26	Sunny	25.5	0.5	26.4	3	Grayish yellow brown	Faint sewage	0.0	0.2	18.1	15.0	20.9	16.1	14.6	15.1	56.8	2.62	silt/sand	41 ± 4.6	2,900 ± 26	2,941	
					2024/8/5	Cloudy	31.4	0.2	31.6	3	Grayish yellow brown	None	0.0	0.0	2.2	5.3	11.7	24.0	24.7	32.1	63.8	2.64	sand/silt	31 ± 4.6	2,100 ± 33	2,131	
					2024/10/22	Cloudy	26.4	0.4	18.8	4	Brownish gray	Faint sewage	0.0	1.9	6.7	13.2	21.2	23.2	9.6	24.2	52.4	2.64	silt/sand	53 ± 9.8	3,700 ± 72	3,753	
					2024/11/15	Cloudy	19.6	0.5	13.9	3	Brownish gray	Faint sewage	0.0	0.0	5.0	8.4	19.5	25.7	13.5	27.9	52.1	2.65	sand/silt	53 ± 8.1	3,900 ± 59	3,953	
					2024/12/20	Sunny	6.0	0.3	5.6	4	Grayish yellow brown	Faint sewage	0.0	0.0	7.3	15.6	24.8	23.2	15.8	13.3	48.2	2.58	silt/sand	98 ± 10	5,600 ± 68	5,698	
	145		Joroku		2024/5/2	Sunny	18.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					2024/6/26	Sunny	26.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					2024/8/5	Sunny	32.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
					2024/10/22	Cloudy	25.3	0.7	18.5	3	Grayish olive	Faint sewage	0.0	0.0	0.2	0.8	4.3	44.2	33.1	17.4	55.8	2.59	silt/sand	29 ± 5.9	2,400 ± 46	2,429	
					2024/11/15	Cloudy	19.3	0.8	14.0	4	Grayish yellow brown	Faint sewage	0.0	0.0	0.5	3.0	6.4	42.0	27.3	20.8	59.6	2.61	sand/silt	17 ± 3.8	1,000 ± 26	1,017	
					2024/12/20	Sunny	10.2	0.5	6.1	4	Dark olive	Faint sewage	0.0	0.0	0.5	1.5	6.0	42.6	31.3	18.1	53.2	2.60	silt/sand	23 ± 4.5	1,500 ± 33	1,523	
	146	Furumichigawa Dam		Tamura City	2024/5/21	Cloudy	22.2	2.3	14.3	3	Brownish black	Faint sewage	0.0	0.0	0.0	0.2	1.3	14.7	51.5	32.3	29.1	2.52	silt/sand	< 6.9	360 ± 8.9	360	
					2024/6/19	Sunny	25.6	1.6	17.1	3	Brownish black	Faint sewage	0.0	0.0	1.0	3.8	18.0	12.2	37.5	27.5	35.9	2.60	silt/sand	< 7.6	320 ± 8.8	320	
					2024/8/21	Cloudy	26.4	1.1	20.8	3	Brownish black	Faint sewage	0.0	0.0	0.0	0.1	0.2	2.7	49.9	47.1	34.0	2.45	silt/sand	8.6 ± 1.9	530 ± 9.7	538.6	
					2024/10/18	Cloudy	19.1	1.2	16.7	4	Olive black	None	0.0	0.0	0.0	1.7	0.3	11.1	54.7	32.2	26.7	2.43	silt/sand	< 8.0	450 ± 9.7	450	
					2024/11/23	Sunny	10.2	1.0	9.1	3	Brownish black	None	0.0	0.0	0.0	0.1	0.1	6.3	50.6	42.9	26.8	2.49	silt/sand	7.5 ± 1.3	540 ± 6.6	547.5	
					2024/12/25	Sunny	4.2	1.8	4.1	3	Brownish black	None	0.0	0.8	1.3	2.3	1.0	9.5	53.7	31.4	29.0	2.52	silt	< 9.5	510 ± 11	510	
	147		Sawairi No. 1	Futaba Town	2024/5/31	Light Rain	22.1	0.4	21.2	4	Olive black	Faint sewage	0.0	0.0	0.0	0.0	0.5	5.1	39.7	54.7	30.9	2.42	silt	510 ± 32	33,000 ± 190	33,510	
					2024/6/19	Sunny	26.5	0.2	23.1	4	Olive black	Faint sewage	0.0	0.0	0.0	0.0	0.7	3.6	43.7	52.0	32.7	2.44	silt	560 ± 43	35,000 ± 300	35,560	
					2024/8/16	Cloudy	30.7	0.5	30.4	3	Olive black	Faint sewage	0.0	0.0	0.0	0.3	4.4	25.4	25.7	44.2	38.4	2.52	silt	920 ± 36	64,000 ± 260	64,920	
					2024/10/28	Light Rain	20.9	0.3	17.6	4	Olive black	Faint sewage	0.0	0.0	0.0	0.0	0.2	1.5	55.4	42.9	34.0	2.54	silt	230 ± 29	18,000 ± 220	18,230	
					2024/11/30	Sunny	8.6	0.4	9.2	3	Black	Faint sewage	0.0	1.2	1.1	1.1	3.6	10.4	38.7	43.9	30.9	2.46	silt	680 ± 50	55,000 ± 370	55,680	
					2024/12/26	Sunny	9.0	0.3	4.0	4	Olive black	Faint hydrogen sulfide	0.0	0.0	0.1	1.0	6.1	38.0	28.2	26.6	43.3	2.52	silt/sand	330 ± 16	26,000 ± 120	26,330	
	148	Soso (farm pond)	Suzunai No. 4	Okuma Town	2024/5/16	Light Rain	18.0	0.3	19.0	3	Brownish gray	Faint sewage	0.0	2.6	16.0	11.8	10.4	41.3	11.9	6.0	72.6	2.50	silt/sand	260 ± 12	16,000 ± 81	16,260	
					2024/6/28	Light Rain	23.0	0.9	21.1	4	Olive black	Faint sewage	0.0	3.8	15.5	12.5	11.8	24.0	19.5	12.9	64.9	2.63	silt/sand	530 ± 26	38,000 ± 180	38,530	
					2024/8/16	Cloudy	29.6	1.1	28.2	3	Olive black	Faint sewage	0.0	0.0	1.9	2.4	3.8	15.9	34.6	41.4	25.2	2.52	silt	750 ± 42	55,000 ± 300	55,750	
					2024/10/28	Light Rain	21.2	0.6	17.4	4	Olive black	Faint sewage	0.0	0.0	6.4	4.1	4.1	9.7	33.1	42.6	23.1	2.48	silt/sand	900 ± 67	65,000 ± 500	65,900	
					2024/11/15	Cloudy	20.0	0.9	14.0	4	Olive black	Faint sewage	0.0	0.0	0.8	1.0	2.4	10.1	31.4	54.3	20.0	2.44	silt	890 ± 57	66,000 ± 380	66,890	
					2024/12/16	Sunny	8.2	0.9	6.2	4	Black	Faint sewage	0.0	0.0	0.7	1.5	4.5	18.0	31.4	43.9	22.0	2.46	silt	700 ± 43	56,000 ± 340	56,700	
	149		Nishihaguro	Futaba Town	2024/5/15	Sunny	20.5	0.4	21.0	3	Grayish olive	Faint sewage	0.0	0.0	0.9	2.2	9.1	68.6	7.5	11.7	60.4	2.58	sand/silt	50 ± 9.9	3,400 ± 63	3,450	
					2024/6/19	Sunny	27.6	0.3	25.8	3	Gray	Faint sewage	0.0	0.0	1.1	3.7	17.1	58.9	9.3	9.9	64.1	2.65	sand/silt	31 ± 5.2	2,400 ± 35	2,431	
					2024/8/5	Cloudy	32.9	0.2	31.4	3	Gray	Faint sewage	0.0	0.0	0.1	0.1	1.0	65.5	15.0	18.3	61.4	2.62	silt/sand	< 8.0	560 ± 14	560	
					2024/10/22	Cloudy	26.6	0.7	19.0	3	Gray	Faint sewage	0.0	0.3	3.7	3.3	19.6	60.5	8.1	4.5	51.4	2.59	sand/silt	56 ± 10	4,300 ± 78	4,356	
					2024/11/15	Cloudy	20.1	0.5	14.9	3	Gray	Faint sewage	0.0	0.1	5.0	6.9	29.7	50.6	4.8	2.9	59.2	2.65	sand/silt	68 ± 7.3	4,400 ± 51	4,468	
					2024/12/20	Sunny	9.8	0.5	6.7	4	Gray	Faint sewage	0.0	0.0	4.3	3.9	18.9	59.5	5.7	7.7	59.7	2.61	sand/silt	49 ± 6.6	4,100 ± 49	4,149	
	150	Sakashita Dam		Okuma Town	2024/5/15	Sunny	20.4	24.8	5.9	3	Brownish black	Faint sewage	0.0	0.0	0.0	0.1	0.1	0.3	64.7	34.8	28.2	2.48	silt	48 ± 15	2,900 ± 95	2,948	
					2024/6/17	Cloudy	29.3	22.1	7.1	3	Brownish black	Faint sewage	0.0	0.0	2.8	2.7	4.8	3.1	47.9	38.7	33.3	2.54	silt	49 ± 7.5	2,800 ± 48	2,849	
					2024/8/15	Sunny	28.2	22.6	8.7	3	Brownish black	Faint sewage	0.0	0.0	0.0	0.1	0.2	0.6	52.0	47.1	32.4	2.49	silt	49 ± 10	2,900 ± 65	2,949	
					2024/10/28	Cloudy	17.3	22.1	9.5	3	Brownish black	Faint sewage	0.0	0.0	0.1	0.1	0.3	0.3	45.3	53.9	23.6	2.48	silt	49 ± 12	3,000 ± 75	3,049	
					2024/11/26	Sunny	20.5	19.7	9.8	3	Brownish black	Faint sewage	0.0	0.0	0.0	0.1	0.1	0.6	55.4	43.8	31.8	2.53	silt	46 ± 7.4	2,900 ± 49	2,946	
					2024/12/24	Sunny	3.2	23.2	5.7	3	Brownish black	Faint sewage	0.0	0.0	0.0	0.1	0.3	0.8	35.3	63.5	22.6	2.54	silt	39 ± 9.3	3,600 ± 75	3,639	
	151	Soso (farm pond)	Atamamori 2		2024/5/15	Sunny	23.8	0.4	22.2	3	Dark grayish yellow	Faint sewage	0.0	0.3	15.1	14.1	13.9	33.3	14.1	9.2	71.4	2.63	sand/silt	< 7.6	490 ± 13	490	
					2024/6/26	Cloudy	26.9	0.4	22.6	3	Olive brown	Faint ditch	0.0	0.0	7.8	6.6	7.6	51.3	15.7	11.0	62.0	2.62	sand/silt	< 9.5	420 ± 13	420	
					2024/8/15	Sunny	33.8	0.3	32.1	3	Dark grayish yellow	Faint sewage	0.0	0.1	7.1	7.1	8.7	48.3	13.1	15.6	57.0	2.60	sand/silt	12 ± 2.6	910 ± 19	922	
					2024/10/28	Cloudy	17.6	0.9	19.6	3	Dark grayish yellow	Faint sewage	0.0	0.2	4.6	2.6	3.0	50.9	21.7	17.0	56.9	2.58	sand/silt	10 ± 2.4	580 ± 17	590	
					2024/11/15	Cloudy	21.1	0.8	15.9	3	Dark grayish yellow	Faint sewage	0.0	0.1	4.2	4.7	5.3	61.1	17.9	6.7	55.4	2.61	silt/sand	< 9.6	430 ± 14	430	
					2024/12/23	Sunny	6.1	0.6	5.9	3	Dark grayish yellow	None	0.0	0.1	5.7	5.1	8.3	57.8	13.2	9.8	55.9	2.62	silt/sand	< 9.4	470 ± 16	470	
	152		Yonomori	Tomioka Town	2024/5/24	Sunny	31.7	1.2	27.8	3	Grayish olive	Faint swamp	0.0	1.8	42.7	24.9	18.1	7.2	2.3	3.0	86.1	2.72	gravel/sand	< 6.2	7.5 ± 2.3	7.5	
					2024/6/26	Cloudy	27.4	1.0	25.7	3	Yellowish gray	Faint swamp	0.0	1.5	37.1	24.1	23.7	8.3	2.4	2.9	86.5	2.72	gravel/sand	< 7.4	12 ± 2.8	12	
					2024/8/15	Sunny	32.9	0.5	33.1	3	Gray	None	0.0	3.7	40.5	26.6	14.8	6.0	3.8	4.6	84.2	2.72	gravel/sand	< 6.8	67 ± 4.8	67	
					2024/10/28	Light Rain	15.5	0.9	19.3	3	Gray	None	0.0	2.8	43.3	22.3	18.2	7.1	3.4	2.9	81.2	2.71	gravel/sand	< 9.5	77 ± 7.2	77	
					2024/11/15	Cloudy	20.0	0.6	15.9	3	Gray	None	0.0	1.0	45.8	22.5	17.2	6.8	4.4	2.3	77.3	2.71	gravel/sand	< 7.8	170 ± 8.5	170	
					2024/12/23	Sunny	2.0	0.4	3.0	3	Gray	None	0.0	1.8	42.0	26.0	17.2	6.3	3.2	3.5	84.4	2.73	gravel/sand	< 7.6	99 ± 6.7	99	
	153	Takikawa Dam			2024/6/28	Cloudy	25.3	5.5	15.1	4	Brownish black	None	0.0	0.0	0.0	0.1	0.3	7.9	62.1	29.6	39.0	2.56	silt/sand	27 ± 4.5	1,700 ± 29	1,727	
					2024/7/12	Light Rain	24.7	10.4	12.1	4	Grayish yellow brown	Faint sewage	0.0	0.0	0.0	0.1	0.1	5.3	62.4	32.1	31.8	2.52	silt	42 ± 8.8	3,100 ± 65	3,142	
					2024/7/29	Sunny	32.4	9.2	17.1	4	Dark brown	Faint sewage	0.0	0.0	0.0	0.0	0.3	7.9	68.0	23.8	32.0	2.52	silt/sand	22 ± 6.3	2,000 ± 41	2,022	
					2024/8/15	Sunny	29.4	6.3	12.5	3	Brownish black	None	0.0	0.0	0.8	1.1	1.7	4.8	62.7	28.9	34.1	2.52	silt/sand	34 ± 8.1	2,100 ± 51	2,134	
					2024/9/20	Cloudy	26.7	2.6	21.6	3	Brownish black	None	0.0	0.0	0.0	0.1	0.3	9.8	67.6	22.2	37.4	2.55	sand/silt	23 ± 4.6	1,700 ± 35	1,723	
					2024/10/28	Cloudy	17.3	4.5	14.9	3	Brownish black	Faint sewage	0.0	0.0	0.0	0.0	0.1	6.6	61.8	31.5	32.7	2.50	silt	32 ± 6.7	2,400 ± 56	2,432	
					2024/11/26	Sunny	19.7	2.9	9.8	3	Brownish black	None	0.0	0.0	0.0	0.1	0.0	9.3	66.9	23.7	35.8	2.58	silt	25 ± 5.2	1,400 ± 33	1,425	
					2024/12/24	Sunny	3.5	3.5	3.5	3	Brownish black	None	0.0	0.0	0.0	0.0	0.1	5.3	57.6	37.0	32.8	2.56	sand/silt	25 ± 5.6	1,800 ± 36	1,825	
					2025/1/10	Sunny	3.0	5.7	3.0	2	Brownish black	None	0.0	0.0	0.0	0.4	1.1	13.5	59.8	25.2	35.0	2.55	sand/silt	29 ± 5.4	1,500 ± 29	1,529	
					2025/2/7	Sunny	3.2	5.2	4.1	3	Dark olive brown	None	0.0	0.0	0.0	0.1	0.4	4.6	56.7	38.2	31.9	2.52	silt/sand	23 ± 4.6	1,700 ± 34	1,723	

Fukushima Lakes(Sediment_Hamadori) 4/5

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																								Remarks
													General items																Activity concentration [Bq/kg(dry)]				
																	Grain size distribution(%)									Sediment content (%)	Density (Mg/m^3)	Property	Radioactive cesium			
	No.	Location		Municipality					Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Lakes and Reservoirs	154		Takinosawa	Tomioka Town	2024/5/20	Light Rain	16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					2024/6/26	Sunny	27.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					2024/8/15	Sunny	31.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					2024/10/22	Cloudy	20.3	0.4	20.4	4	Brownish black	Faint sewage	0.0	0.0	0.6	1.8	8.1	40.6	26.5	22.4	43.3	2.53	silt/sand	22 ± 4.7	1,300 ± 27	1,322	
					2024/11/23	Sunny	7.8	0.4	11.6	3	Grayish yellow brown	Faint sewage	0.0	0.0	0.1	0.1	0.8	24.4	53.0	21.6	44.1	2.54	silt	35 ± 10	1,700 ± 55	1,735	
					2024/12/23	Sunny	5.8	0.3	6.0	4	Brownish black	None	0.0	0.0	0.0	0.4	0.8	25.6	38.9	34.3	36.5	2.55	silt	23 ± 5.0	1,700 ± 36	1,723	
	155	Soso (farm pond)	Kamisigeoka No. 1	Naraha Town	2024/5/23	Sunny	23.5	0.6	21.3	3	Grayish olive	None	0.0	0.8	12.1	17.3	27.6	17.2	7.1	17.9	59.6	2.70	silt/sand	28 ± 4.9	1,800 ± 31	1,828	
					2024/6/26	Sunny	28.2	0.6	26.5	2	Dark grayish yellow	Faint sewage	0.0	1.9	33.7	23.7	24.0	10.1	3.5	3.1	76.9	2.72	sand/gravel	17 ± 2.7	1,100 ± 20	1,117	
					2024/8/16	Cloudy	28.9	0.7	31.1	3	Grayish olive	Faint sewage	0.0	1.1	14.1	16.2	23.1	14.0	12.8	18.7	60.9	2.73	sand	< 9.8	540 ± 14	540	
					2024/10/22	Cloudy	21.5	0.6	20.1	3	Grayish olive	Faint sewage	0.0	0.6	7.4	14.7	45.4	18.4	6.2	7.3	67.5	2.69	silt/sand	28 ± 5.8	2,400 ± 34	2,428	
					2024/11/15	Cloudy	21.0	0.6	15.1	4	Grayish olive	Faint sewage	0.0	0.2	10.6	15.3	32.4	18.1	15.0	8.4	55.8	2.72	silt/sand	14 ± 3.3	1,600 ± 30	1,614	
					2024/12/23	Sunny	4.4	0.6	3.7	4	Grayish olive	Faint sewage	0.0	0.1	9.2	15.2	23.0	14.3	15.3	22.9	61.8	2.70	silt/sand	24 ± 5.2	1,900 ± 36	1,924	
	156		Shimoshigeoka		2024/5/23	Sunny	23.0	0.4	21.3	3	Dark brown	Faint sewage	0.0	0.0	8.0	7.3	12.3	9.6	29.3	33.5	46.5	2.59	silt/sand	< 6.2	180 ± 6.7	180	
					2024/6/26	Sunny	27.1	0.7	25.9	2	Brownish black	Faint ditch	0.0	0.0	14.5	13.6	37.5	19.8	5.7	8.9	63.9	2.72	sand/gravel	9.5 ± 2.1	780 ± 15	789.5	
					2024/8/19	Cloudy	28.1	0.7	29.3	3	Brownish black	Faint sewage	0.0	0.3	27.2	18.8	20.5	8.0	11.9	13.3	75.6	2.69	sand/silt	< 9.5	490 ± 14	490	
					2024/10/22	Cloudy	20.8	0.9	19.5	3	Brownish black	Faint sewage	0.0	0.5	19.4	17.8	39.0	16.6	4.3	2.4	60.7	2.73	sand/silt	19 ± 3.5	1,100 ± 25	1,119	
					2024/11/15	Cloudy	18.5	0.7	15.2	3	Brownish black	Faint sewage	0.0	0.2	11.8	21.8	41.2	16.1	5.0	3.9	62.4	2.72	silt/sand	16 ± 3.2	1,200 ± 24	1,216	
					2024/12/24	Sunny	2.5	0.6	4.8	3	Brownish black	Faint sewage	0.0	1.0	31.7	27.7	23.1	5.3	3.4	7.8	70.3	2.72	sand/gravel	11 ± 3.1	650 ± 17	661	
	157	Komachi Dam		Ono Town	2024/5/2	Cloudy	16.7	9.7	9.2	4	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.8	3.0	9.1	35.7	51.4	24.3	2.57	silt	< 9.9	510 ± 12	510	
					2024/6/10	Cloudy	22.6	10.3	11.2	3	Grayish olive	Faint sewage	0.0	0.0	0.0	0.3	0.9	2.1	41.8	54.9	25.2	2.57	silt	10 ± 3.2	570 ± 13	580	
					2024/8/21	Sunny	27.4	8.8	13.1	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.3	0.1	47.2	52.3	25.5	2.55	silt	< 9.7	500 ± 11	500	
					2024/10/24	Cloudy	19.6	11.6	14.3	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.2	0.4	0.8	39.7	58.9	22.5	2.59	silt	11 ± 3.6	480 ± 13	491	
					2024/11/20	Sunny	3.6	9.6	11.1	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.2	0.4	4.0	48.7	46.7	22.5	2.57	silt	5.9 ± 1.6	420 ± 6.7	425.9	
					2024/12/23	Cloudy	2.0	10.5	2.0	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	3.1	6.4	13.3	15.3	33.0	28.9	29.4	2.61	silt	< 9.4	260 ± 10	260	
	158	Kido Dam		Naraha Town	2024/5/22	Sunny	21.4	23.7	7.3	3	Brownish black	None	0.0	0.0	0.0	0.1	0.2	2.1	42.3	55.3	28.9	2.50	silt	23 ± 4.0	1,100 ± 22	1,123	
					2024/6/21	Cloudy	24.6	23.5	9.6	3	Dark olive brown	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.2	4.2	51.7	43.8	30.3	2.52	silt	35 ± 7.8	1,200 ± 44	1,235	
					2024/7/12	Light Rain	23.1	8.9	17.1	3	Grayish yellow brown	None	0.0	0.0	0.0	0.6	0.4	1.7	54.4	42.9	28.1	2.49	silt	40 ± 8.6	2,000 ± 58	2,040	
					2024/8/19	Cloudy	28.7	15.6	12.9	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.2	0.3	3.5	45.7	50.3	29.6	2.47	silt	18 ± 3.9	1,000 ± 24	1,018	
					2024/9/30	Cloudy	18.5	12.3	17.7	4	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.2	6.7	51.4	41.6	37.9	2.56	silt	11 ± 2.1	1,100 ± 17	1,111	
					2024/10/22	Cloudy	15.3	8.0	16.1	4	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.2	1.2	49.4	49.2	20.0	2.47	silt	20 ± 4.7	2,000 ± 34	2,020	
					2024/11/21	Cloudy	10.0	14.5	13.1	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.3	0.7	57.6	41.3	29.4	2.55	silt	31 ± 5.4	2,200 ± 41	2,231	
					2024/12/17	Sunny	9.1	24.0	6.5	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.3	0.3	1.3	2.1	59.0	37.0	28.7	2.50	silt	26 ± 5.0	1,400 ± 30	1,426	
					2025/1/10	Sunny	3.0	8.0	5.0	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.5	0.5	0.6	4.3	56.9	37.2	30.0	2.53	silt	26 ± 5.3	1,700 ± 27	1,726	
					2025/2/7	Sunny	2.4	9.7	4.3	3	Dark grayish yellow	None	0.0	0.0	0.0	0.7	0.5	4.8	47.7	46.3	27.8	2.48	silt/sand	32 ± 8.3	1,600 ± 58	1,632	
	159	Soso (farm pond)	Otsutsumi		2024/5/24	Sunny	31.7	0.9	24.5	3	Olive black	Faint sewage	0.0	0.4	13.3	16.5	20.1	14.8	15.9	19.0	52.8	2.64	sand/silt	15 ± 3.5	920 ± 25	935	
					2024/6/29	Sunny	23.6	1.0	23.1	4	Black	Faint sewage	0.0	0.8	16.8	16.6	18.6	13.6	14.7	18.9	52.7	2.64	silt/sand	12 ± 2.5	900 ± 16	912	
					2024/8/19	Cloudy	30.1	1.2	28.4	3	Black	Faint sewage	0.0	0.0	9.9	9.4	12.0	14.8	35.3	18.6	41.2	2.57	silt	47 ± 7.3	3,000 ± 53	3,047	
					2024/10/22	Cloudy	20.6	1.2	18.6	3	Black	Faint sewage	0.0	0.0	0.6	2.1	6.5	14.9	41.1	34.8	34.8	2.59	silt	26 ± 5.7	1,700 ± 44	1,726	
					2024/11/15	Cloudy	18.3	1.2	16.3	4	Black	Faint sewage	0.0	0.0	1.3	3.4	7.3	14.0	37.3	36.7	44.3	2.63	silt	24 ± 6.4	1,800 ± 40	1,824	
					2024/12/24	Sunny	4.3	1.0	6.7	4	Black	Faint sewage	0.0	0.3	7.5	10.4	14.4	16.0	26.1	25.3	40.9	2.58	silt	52 ± 11	3,400 ± 76	3,452	
	160	Iwaki (farm pond)	Shinike	Iwaki City	2024/5/20	Cloudy	16.0	5.7	16.5	4	Olive brown	Faint sewage	0.0	0.0	0.0	13.9	34.4	13.0	19.4	19.3	53.1	2.56	sand/silt	11 ± 3.6	610 ± 18	621	
					2024/6/29	Cloudy	24.0	4.5	22.4	3	Olive brown	Faint sewage	0.0	0.0	0.8	11.7	52.1	11.0	7.7	16.7	41.4	2.52	sand/silt	30 ± 6.2	1,700 ± 41	1,730	
					2024/8/20	Cloudy	28.1	1.8	26.8	3	Olive brown	Faint sewage	0.0	0.0	1.0	6.1	10.6	9.0	37.7	35.6	50.8	2.56	silt/sand	< 10	580 ± 15	580	
					2024/10/21	Sunny	18.6	1.5	16.0	3	Olive brown	Faint sewage	0.0	0.0	0.0	0.1	0.1	1.1	49.0	49.7	24.0	2.50	sand/silt	11 ± 2.8	720 ± 14	731	
					2024/11/19	Cloudy	10.9	0.4	8.1	3	Brownish black	Faint sewage	0.0	0.0	0.7	12.0	28.2	18.0	21.8	19.3	48.9	2.61	silt/sand	< 6.9	270 ± 9.2	270	
					2024/12/26	Sunny	11.0	1.9	2.6	4	Grayish yellow brown	None	0.0	0.0	1.0	16.8	51.4	9.6	7.5	13.7	50.8	2.50	sand/silt	< 9.3	250 ± 9.9	250	
	161	Kodama Dam Reservoir (Lake Kodama)			2024/5/20	Light Rain	15.0	50.0	6.2	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	1.6	17.8	30.2	19.9	30.5	36.1	2.54	silt	< 7.1	220 ± 6.6	220	
					2024/6/18	Light Rain	19.4	42.2	6.2	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	1.4	13.7	37.5	47.4	33.2	2.53	silt	< 8.6	160 ± 7.2	160	
					2024/8/19	Cloudy	27.9	53.4	8.7	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.5	2.1	5.1	6.3	36.8	49.2	26.0	2.48	silt	< 7.5	230 ± 6.5	230	
					2024/10/21	Sunny	21.5	55.1	6.5	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.1	2.9	25.2	31.9	21.2	18.7	48.9	2.56	silt	< 5.7	150 ± 5.3	150	
					2024/11/21	Light Rain	7.0	56.0	7.7	4	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	2.3	16.5	46.3	34.8	25.2	2.49	silt	< 6.6	260 ± 5.7	260	
					2024/12/17	Sunny	16.3	54.0	7.5	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	1.0	7.3	17.9	41.0	32.8	29.1	2.51	silt	< 9.1	170 ± 7.1	170	
	162	Iwaki (farm pond)	Kanoritsutsumishita		2024/5/20	Sunny	22.0	0.5	19.5	3	Olive black	Faint sewage	0.0	0.0	5.3	9.8	34.5	31.0	6.8	12.6	62.9	2.66	sand/silt	6.6 ± 1.4	220 ± 6.2	226.6	
					2024/6/28	Cloudy	22.3	0.5	24.0	3	Olive black	Faint sewage	0.0	0.2	6.8	13.3	47.0	23.9	4.3	4.5	67.2	2.67	sand/silt	< 8.5	210 ± 10	210	
					2024/8/20	Sunny	27.4	0.4	29.8	3	Olive black	Faint sewage	0.0	0.1	7.2	7.9	25.7	35.2	8.5	15.4	63.9	2.66	sand/silt	< 7.0	110 ± 7.6	110	
					2024/10/21	Sunny	18.2	0.5	20.5	3	Olive black	Faint sewage	0.0	0.0	1.5	5.1	40.6	30.9	9.0	12.9	64.1	2.63	sand/silt	< 9.0	180 ± 10	180	
					2024/11/15	Light Rain	17.9	0.6	15.0	3	Olive black	Faint sewage	0.0	0.0	3.6	11.3	38.8	31.3	6.0	9.0	49.0	2.67	sand/silt	14 ± 3.1	510 ± 16	524	
					2024/12/25	Sunny	11.0	0.5	7.0	3	Olive black	Faint sewage	0.0	0.0	2.0	7.6	32.6	21.5	13.5	22.8	20.4	2.65	sand/silt	40 ± 8.6	1,800 ± 56	1,840	
	163	Takashiba Dam Reservoir (Lake Takashiba)			2024/5/20	Light Rain	15.0	21.6	10.8	4	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.3	7.1	57.6	35.0	35.4	2.62	silt	< 6.3	170 ± 5.8	170	
					2024/6/18	Light Rain	20.3	20.5	14.7	4	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.1	2.0	60.3	37.5	35.1	2.60	silt/sand	< 6.2	240 ± 6.4	240	
					2024/8/20	Sunny	30.1	21.4	17.9	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.3	4.4	61.4	33.8	33.7	2.60	silt	< 5.6	160 ± 5.4	160	
					2024/10/31	Sunny	16.6	15.8	12.4	4	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.1	4.9	53.2	41.7	32.0	2.58	silt	< 5.0	170 ± 5.1	170	
					2024/11/29	Sunny	9.7	13.6	9.8	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.0	2.1	62.7	35.1	29.3	2.60	silt	< 4.1	190 ± 4.2	190	
					2024/12/24	Sunny	3.8	12.8	4.1	3	Olive black	None	0.0	0.0	0.5	0.6	0.9	5.7	54.8	37.5	38.3	2.66	silt	< 8.5	170 ± 6.1	170	

Fukushima Lakes(Sediment_Hamadori) 5/5

	Location			Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																							
									General items																			Activity concentration [Bq/kg(dry)]				
												Grain size distribution(%)														Radioactive cesium				
	No.	Location	Municipality					Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay	Sediment content (%)	Density (Mg/m^3)	Property	Cs-134		Cs-137		Total	Remarks				
Lakes and Reservoirs	164	Shitoki Dam Reservoir	Iwaki City	2024/5/20	Light Rain	20.0	38.8	7.3	4	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.2	0.3	7.0	51.2	41.3	28.2	2.49	silt	<	9.6	290	± 9.0	290				
				2024/6/18	Light Rain	19.5	34.0	7.1	4	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.0	1.1	45.6	53.2	26.1	2.50	silt	<	9.0	230	± 8.0	230				
				2024/8/20	Sunny	29.9	33.9	13.1	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.3	0.3	1.6	57.9	39.9	27.3	2.46	silt	<	8.0	290	± 7.6	290				
				2024/10/31	Sunny	17.6	34.3	9.2	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.6	6.5	54.4	38.4	28.9	2.50	silt	<	8.1	260	± 7.1	260				
				2024/11/29	Sunny	12.9	33.8	9.5	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	2.0	59.8	38.1	26.0	2.51	silt	<	9.1	260	± 8.7	260				
				2024/12/24	Sunny	5.9	34.3	6.8	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	1.5	51.1	47.3	26.6	2.52	silt	<	9.4	250	± 8.6	250				

* Reasons for difficulty in entering the study area include winter closures, winter road closures, typhoons and other disasters, construction, etc.

Fukushima Lakes(SE_Hamadori) 1/4

	Location				Sampling Date	Weather	Air temperature (℃)	Surrounding Environment(Soil,Air dose)							Remarks
								Soil						Air dose (μSv/h)	
											Activity concentration [Bq/kg(dry)]				
											Radioactive cesium				
	No.	Location		Municipality				Color	Odor	Property	Cs-134	Cs-137	Total		
Lakes and Reservoirs	124	Soso (farm pond)	Takei	Shinchi Town	2024/5/1	Cloudy	17.8	Dark brown	Faint earth	loamy	32 ± 4.9	1,800 ± 33	1,832	0.10	
					2024/6/5	Sunny	22.0	Dark brown	Faint earth	loamy	29 ± 3.6	1,600 ± 20	1,629	0.08	
					2024/8/23	Sunny	32.8	Dark brown	Faint earth	loamy	33 ± 5.9	1,600 ± 35	1,633	0.10	
	125		Uchizawa	Soma City	2024/5/1	Cloudy	19.6	Brown	Faint earth	loamy	< 6.6	30 ± 3.7	30	0.05	
					2024/6/5	Sunny	25.0	Brown	Faint earth	loamy	< 6.1	35 ± 3.3	35	0.05	
					2024/8/23	Sunny	33.8	Brown	Faint earth	loamy	< 8.6	21 ± 3.5	21	0.06	
	126	Matsugabo Dam (Lake Utagawa)			2024/5/8	Cloudy	16.5	Dark brown	Faint earth	loamy	37 ± 4.6	2,100 ± 32	2,137	0.16	
					2024/6/11	Sunny	24.7	Dark brown	Faint earth	loamy	21 ± 4.8	1,700 ± 26	1,721	0.17	
					2024/8/23	Sunny	33.1	Dark brown	Faint earth	loamy	25 ± 6.0	2,000 ± 34	2,025	0.15	
	127	Mano Dam		Iitate Village	2024/5/8	Cloudy	18.4	Dark brown	Faint earth	loamy	63 ± 6.6	4,200 ± 48	4,263	0.31	
					2024/6/11	Sunny	27.0	Dark brown	Faint earth	loamy	40 ± 5.2	2,600 ± 37	2,640	0.29	
					2024/7/31	Cloudy	27.9	Dark brown	Faint earth	loamy	42 ± 6.9	3,300 ± 43	3,342	0.28	
					2024/8/23	Sunny	31.7	Dark brown	Faint earth	loamy	46 ± 11	4,400 ± 68	4,446	0.30	
					2024/9/26	Sunny	24.4	Dark brown	Faint earth	loamy	61 ± 9.9	4,100 ± 64	4,161	0.30	
	128	Soso (farm pond)	Ainosawa		2024/5/2	Sunny	11.0	Dull yellow brown	Faint earth	loamy	140 ± 8.7	9,100 ± 60	9,240	0.58	
					2024/6/6	Sunny	21.7	Brown	Faint earth	loamy	42 ± 5.3	2,700 ± 28	2,742	0.53	
					2024/8/2	Sunny	30.4	Dull yellow brown	Faint earth	loamy	41 ± 4.9	3,500 ± 36	3,541	0.51	
	129	Ganbe Dam Reservoir			2024/5/14	Sunny	14.8	Brownish black	Faint earth	loamy	260 ± 18	17,000 ± 120	17,260	0.80	
					2024/6/7	Cloudy	15.3	Brownish black	Faint earth	loamy	140 ± 11	9,700 ± 61	9,840	0.75	
					2024/8/2	Sunny	28.2	Grayish yellow brown	Faint earth	loamy	200 ± 12	12,000 ± 87	12,200	0.83	
	130	Soso (farm pond)	Fugane Dam		2024/5/2	Sunny	16.0	Brownish black	Faint earth	loamy	190 ± 11	12,000 ± 76	12,190	0.77	
					2024/6/7	Cloudy	21.5	Brownish black	Faint earth	loamy	250 ± 11	17,000 ± 71	17,250	0.66	
					2024/8/2	Sunny	31.4	Dark brown	Faint earth	loamy	190 ± 12	12,000 ± 81	12,190	0.62	
	131		Sasatoge		2024/5/14	Sunny	15.5	Brownish black	Faint earth	loamy	290 ± 25	20,000 ± 180	20,290	0.71	
					2024/6/7	Cloudy	23.4	Dark brown	Faint earth	loamy	190 ± 11	12,000 ± 67	12,190	0.66	
					2024/8/2	Cloudy	27.9	Dark brown	Faint earth	loamy	340 ± 13	23,000 ± 81	23,340	0.70	
	132	Takanokura Dam Reservoir		Minamisoma City	2024/5/13	Light Rain	18.7	Brown	Faint earth	loamy	140 ± 21	9,400 ± 140	9,540	0.43	
					2024/6/10	Cloudy	26.0	Dull yellow brown	Faint earth	loamy	95 ± 9.8	5,900 ± 70	5,995	0.45	
					2024/8/7	Cloudy	26.9	Brown	Faint earth	loamy	110 ± 11	6,900 ± 76	7,010	0.44	
	133	Yokokawa Dam Reservoir			2024/5/13	Light Rain	19.2	Dull yellow brown	Faint earth	loamy	70 ± 8.1	4,700 ± 60	4,770	0.38	
					2024/6/10	Cloudy	27.5	Dull yellow brown	Faint earth	loamy	91 ± 9.5	6,300 ± 72	6,391	0.41	
					2024/8/7	Cloudy	25.9	Dull yellow brown	Faint earth	loamy	63 ± 7.8	4,300 ± 57	4,363	0.42	
	134	Soso (farm pond)	Tarayachi		2024/5/20	Cloudy	21.2	Brown	Faint earth	loamy	54 ± 8.7	2,900 ± 57	2,954	0.25	
					2024/6/25	Cloudy	31.6	Brown	Faint earth	loamy	49 ± 5.5	2,800 ± 38	2,849	0.27	
					2024/8/5	Cloudy	32.2	Brown	Faint earth	loamy	57 ± 5.4	4,400 ± 36	4,457	0.28	
	135		Takeshiyachi		2024/5/2	Sunny	20.2	Brown	Faint earth	loamy	< 6.5	120 ± 7.6	120	0.08	
					2024/6/25	Sunny	33.2	Brown	Faint earth	loamy	< 6.3	23 ± 3.7	23	0.07	
					2024/8/5	Sunny	31.3	Yellow brown	Faint earth	loamy	< 5.1	13 ± 2.5	13	0.07	
	136		Ryugasaku		2024/5/2	Sunny	20.4	Dull yellow brown	Faint earth	loamy	72 ± 6.6	4,100 ± 46	4,172	0.23	
					2024/6/25	Cloudy	32.1	Dark brown	Faint earth	loamy	40 ± 5.4	2,400 ± 38	2,440	0.21	
					2024/8/5	Sunny	30.1	Dull yellow brown	Faint earth	loamy	69 ± 7.1	5,200 ± 53	5,269	0.22	

Fukushima Lakes(SE_Hamadori) 2/4

	No.	Location		Municipality	Sampling Date	Weather	Air temperature (℃)	Surrounding Environment(Soil,Air dose)						Air dose (μSv/h)	Remarks
								Soil							
								Color	Odor	Property	Activity concentration ［Bq/kg(dry)］				
											Radioactive cesium				
											Cs-134	Cs-137	Total		
Lakes and Reservoirs	137	Soso (farm pond)	Uwatashiro	Kawamata Town	2024/5/10	Sunny	18.6	Dark brown	Faint earth	loamy	45 ± 8.1	3,400 ± 47	3,445	0.21	
					2024/6/19	Sunny	29.1	Dull yellow brown	Faint earth	loamy	27 ± 4.9	1,700 ± 34	1,727	0.17	
					2024/8/2	Sunny	27.9	Brown	Faint earth	loamy	31 ± 4.4	2,500 ± 27	2,531	0.19	
	138	Soso (farm pond)	Koakuto	Namie Town	2024/5/31	Light Rain	20.3	Brownish black	Faint earth	loamy	680 ± 26	43,000 ± 170	43,680	2.31	
					2024/6/28	Light Rain	22.7	Dark brown	Faint earth	loamy	440 ± 20	30,000 ± 150	30,440	2.38	
					2024/8/7	Cloudy	25.6	Very dark brown	Faint earth	loamy	520 ± 29	32,000 ± 210	32,520	2.43	
	139	Soso (farm pond)	Yosouchi	Iitate Village	2024/5/2	Sunny	13.4	Dull yellow brown	Faint earth	loamy	330 ± 15	22,000 ± 100	22,330	0.66	
					2024/6/19	Sunny	23.4	Dark brown	Faint earth	loamy	180 ± 11	11,000 ± 75	11,180	0.52	
					2024/8/2	Sunny	30.8	Dull yellow brown	Faint earth	loamy	330 ± 16	22,000 ± 100	22,330	0.80	
	140	Soso (farm pond)	Myobusaku No. 2	Minamisoma City	2024/5/2	Sunny	21.8	Dull yellow brown	Faint earth	loamy	20 ± 4.0	1,000 ± 24	1,020	0.12	
					2024/6/25	Cloudy	27.6	Dull yellow brown	Faint earth	loamy	18 ± 3.9	1,000 ± 26	1,018	0.11	
					2024/8/5	Sunny	31.9	Dull yellow brown	Faint earth	loamy	< 6.3	30 ± 3.1	30	0.10	
	141	Ogaki Dam		Namie Town	2024/7/29	Sunny	32.8	Dull yellow brown	Faint earth	loamy	73 ± 7.9	5,200 ± 49	5,273	0.80	
					2024/8/16	Cloudy	27.3	Dark brown	Faint earth	loamy	61 ± 6.0	4,200 ± 43	4,261	0.65	
					2024/8/30	Cloudy	27.9	Dark brown	Faint earth	loamy	43 ± 6.1	2,900 ± 42	2,943	0.63	
					2024/9/20	Cloudy	27.4	Dark brown	Faint earth	loamy	12 ± 2.5	770 ± 16	782	0.68	
					2024/10/10	Light Rain	21.2	Dark brown	Faint earth	loamy	44 ± 5.7	3,300 ± 39	3,344	0.70	
	142	Soso (farm pond)	Uenokawa	Katsurao Village	2024/5/10	Sunny	24.8	Dark brown	Faint earth	loamy	10 ± 3.0	440 ± 16	450	0.17	
					2024/6/19	Sunny	24.5	Grayish yellow brown	Faint earth	loamy	< 7.6	17 ± 3.0	17	0.14	
					2024/8/7	Cloudy	26.3	Dark brown	Faint earth	loamy	< 8.0	420 ± 12	420	0.17	
	143		Heigoiri	Iitate Village	2024/5/2	Sunny	14.0	Brownish black	Faint earth	loamy	330 ± 30	19,000 ± 210	19,330	0.79	
					2024/6/6	Sunny	18.1	Brownish black	Faint earth	loamy	120 ± 15	8,600 ± 84	8,720	0.70	
					2024/8/2	Sunny	27.9	Brownish black	Faint earth	loamy	160 ± 14	11,000 ± 100	11,160	0.70	
	144		Mekurasawa No. 2	Namie Town	2024/5/16	Light Rain	19.5	Brownish black	Faint earth	loamy	140 ± 12	10,000 ± 85	10,140	0.55	
					2024/6/26	Sunny	25.5	Brownish black	Faint earth	loamy	160 ± 11	12,000 ± 84	12,160	0.49	
					2024/8/5	Cloudy	31.4	Dull yellow brown	Faint earth	loamy	96 ± 6.8	7,700 ± 43	7,796	0.63	
	145		Joroku		2024/5/2	Sunny	18.6	Dull yellow brown	Faint earth	loamy	20 ± 3.8	1,200 ± 25	1,220	0.40	
					2024/6/26	Sunny	26.2	Dull yellow brown	Faint earth	loamy	22 ± 3.6	1,500 ± 24	1,522	0.33	
					2024/8/5	Sunny	32.4	Dull yellow brown	Faint earth	loamy	17 ± 3.9	1,500 ± 23	1,517	0.39	
	146	Furumichigawa Dam		Tamura City	2024/5/21	Cloudy	22.2	Brownish black	Faint earth	loamy	23 ± 3.7	1,200 ± 26	1,223	0.13	
					2024/6/19	Sunny	25.6	Brownish black	Faint earth	loamy	14 ± 2.7	620 ± 17	634	0.17	
					2024/8/21	Cloudy	26.4	Dark brown	Faint earth	loamy	< 7.8	740 ± 14	740	0.15	
	147	Soso (farm pond)	Sawairi No. 1	Futaba Town	2024/5/31	Light Rain	22.1	Dull yellow brown	Faint earth	loamy	1,600 ± 34	100,000 ± 200	101,600	5.31	
					2024/6/19	Sunny	26.5	Dull yellow brown	Faint earth	loamy	2,400 ± 51	160,000 ± 370	162,400	5.47	
					2024/8/16	Cloudy	30.7	Dull yellow brown	Faint earth	loamy	2,100 ± 40	140,000 ± 250	142,100	5.83	
	148		Suzunai No. 4	Okuma Town	2024/5/16	Light Rain	18.0	Dull yellow brown	Faint earth	loamy	820 ± 27	52,000 ± 200	52,820	4.53	
					2024/6/28	Light Rain	23.0	Dull yellow brown	Faint earth	loamy	1,200 ± 30	81,000 ± 210	82,200	4.37	
					2024/8/16	Cloudy	29.6	Brown	Faint earth	loamy	670 ± 30	44,000 ± 210	44,670	4.76	
	149		Nishihaguro	Futaba Town	2024/5/15	Sunny	20.5	Dark brown	Faint earth	loamy	350 ± 23	21,000 ± 150	21,350	1.19	
					2024/6/19	Sunny	27.6	Dull yellow brown	Faint earth	loamy	120 ± 9.8	8,800 ± 61	8,920	1.22	
					2024/8/5	Cloudy	32.9	Dark brown	Faint earth	loamy	190 ± 12	14,000 ± 87	14,190	1.17	

Fukushima Lakes(SE_Hamadori) 3/4

	Location				Sampling Date	Weather	Air temperature (℃)	Surrounding Environment(Soil,Air dose)								
								Soil						Air dose (μSv/h)	Remarks
								Color	Odor	Property	Activity concentration [Bq/kg(dry)]				
											Radioactive cesium				
	No.	Location		Municipality							Cs-134	Cs-137	Total		
Lakes and Reservoirs	150	Sakashita Dam		Okuma Town	2024/5/15	Sunny	20.4	Dark brown	Faint earth	loamy	36 ± 7.2	2,700 ± 53	2,736	0.21	
					2024/6/17	Cloudy	29.3	Dull yellow brown	Faint earth	loamy	26 ± 4.0	2,000 ± 25	2,026	0.19	
					2024/8/15	Sunny	28.2	Grayish yellow brown	Faint earth	loamy	38 ± 7.6	2,200 ± 49	2,238	0.21	
	151	Soso (farm pond)	Atamamori 2		2024/5/15	Sunny	23.8	Brown	Faint earth	loamy	14 ± 3.8	790 ± 21	804	0.20	
					2024/6/26	Cloudy	26.9	Brown	Faint earth	loamy	14 ± 3.5	1,200 ± 21	1,214	0.21	
					2024/8/15	Sunny	33.8	Brown	Faint earth	loamy	29 ± 4.4	1,400 ± 28	1,429	0.21	
	152		Yonomori	Tomioka Town	2024/5/24	Sunny	31.7	Brown	Faint earth	loamy	7.2 ± 2.3	520 ± 14	527.2	0.42	
					2024/6/26	Cloudy	27.4	Brown	Faint earth	loamy	< 9.3	790 ± 18	790	0.37	
					2024/8/15	Sunny	32.9	Brown	Faint earth	loamy	8.4 ± 2.3	570 ± 12	578.4	0.41	
	153	Takikawa Dam			2024/6/28	Cloudy	25.3	Brownish black	Faint earth	loamy	390 ± 15	23,000 ± 100	23,390	0.76	
					2024/7/12	Light Rain	24.7	Brownish black	Faint earth	loamy	370 ± 23	24,000 ± 160	24,370	0.74	
					2024/7/29	Sunny	32.4	Dark brown	Faint earth	loamy	390 ± 22	26,000 ± 130	26,390	0.70	
					2024/8/15	Sunny	29.4	Brownish black	Faint earth	loamy	300 ± 24	20,000 ± 180	20,300	0.66	
					2024/9/20	Cloudy	26.7	Brownish black	Faint earth	loamy	210 ± 22	14,000 ± 160	14,210	0.78	
	154	Soso (farm pond)	Takinosawa		2024/5/20	Light Rain	16.4	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					2024/6/26	Sunny	27.9	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					2024/8/15	Sunny	31.6	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
	155		Kamisigeoka No. 1	Naraha Town	2024/5/23	Sunny	23.5	Dark brown	Faint earth	loamy	79 ± 8.5	5,100 ± 61	5,179	0.22	
					2024/6/26	Sunny	28.2	Brown	Faint earth	loamy	48 ± 6.9	3,400 ± 51	3,448	0.22	
					2024/8/16	Cloudy	28.9	Dark brown	Faint earth	loamy	46 ± 8.5	3,700 ± 71	3,746	0.22	
	156		Shimoshigeoka		2024/5/23	Sunny	23.0	Dark brown	Faint earth	loamy	13 ± 2.4	1,100 ± 19	1,113	0.20	
					2024/6/26	Sunny	27.1	Dull yellow brown	Faint earth	loamy	28 ± 4.4	2,100 ± 26	2,128	0.18	
					2024/8/19	Cloudy	28.1	Dark brown	Faint earth	loamy	26 ± 5.3	1,800 ± 38	1,826	0.20	
	157	Komachi Dam		Ono Town	2024/5/2	Cloudy	16.7	Dark brown	Faint earth	loamy	< 9.3	280 ± 12	280	0.09	
					2024/6/10	Cloudy	22.6	Brownish black	Faint earth	loamy	< 8.9	370 ± 14	370	0.08	
					2024/8/21	Sunny	27.4	Brownish black	Faint earth	loamy	< 9.8	330 ± 13	330	0.08	
	158	Kido Dam		Naraha Town	2024/5/22	Sunny	21.4	Brownish black	Faint earth	loamy	28 ± 5.0	1,600 ± 32	1,628	0.13	
					2024/6/21	Cloudy	24.6	Dark brown	Faint earth	loamy	25 ± 4.8	1,400 ± 25	1,425	0.13	
					2024/7/12	Light Rain	23.1	Dark brown	Faint earth	loamy	20 ± 3.0	1,800 ± 24	1,820	0.16	
					2024/8/19	Cloudy	28.7	Dark brown	Faint earth	loamy	44 ± 7.4	2,100 ± 47	2,144	0.11	
					2024/9/30	Cloudy	18.5	Brownish black	Faint earth	loamy	16 ± 2.8	1,400 ± 21	1,416	0.13	
	159	Soso (farm pond)	Otsutsumi		2024/5/24	Sunny	31.7	Dark brown	Faint earth	loamy	12 ± 2.8	710 ± 20	722	0.11	
					2024/6/29	Sunny	23.6	Dull yellow brown	Faint earth	loamy	14 ± 3.4	710 ± 16	724	0.10	
					2024/8/19	Cloudy	30.1	Dull yellow brown	Faint earth	loamy	11 ± 2.6	430 ± 16	441	0.11	
	160	Iwaki (farm pond)	Shinike	Iwaki City	2024/5/20	Cloudy	16.0	Dull yellow brown	Faint earth	loamy	< 9.2	560 ± 15	560	0.12	
					2024/6/29	Cloudy	24.0	Dark brown	Faint earth	loamy	< 9.5	580 ± 14	580	0.12	
					2024/8/20	Cloudy	28.1	Dark brown	Faint earth	loamy	< 9.6	470 ± 14	470	0.12	
	161	Kodama Dam Reservoir (Lake Kodama)			2024/5/20	Light Rain	15.0	Dark brown	Faint earth	loamy	< 8.0	220 ± 9.5	220	0.10	
					2024/6/18	Light Rain	19.4	Dark brown	Faint earth	loamy	< 8.1	180 ± 8.6	180	0.10	
					2024/8/19	Cloudy	27.9	Dark brown	Faint earth	loamy	< 7.5	150 ± 7.4	150	0.10	

Fukushima Lakes(SE_Hamadori) 4/4

	Location				Sampling Date	Weather	Air temperature (℃)	Surrounding Environment(Soil,Air dose)						Air dose (μSv/h)	Remarks
								Soil							
								Color	Odor	Property	Activity concentration ［Bq/kg(dry)］				
											Radioactive cesium				
	No.	Location		Municipality							Cs-134	Cs-137	Total		
Lakes and Reservoirs	162	Iwaki (farm pond)	Kanoritsutsumishita	Iwaki City	2024/5/20	Sunny	22.0	Brownish black	Faint earth	loamy	< 7.4	230 ± 9.7	230	0.07	
					2024/6/28	Cloudy	22.3	Dull yellow brown	Faint earth	loamy	20 ± 3.0	1,100 ± 17	1,120	0.06	
					2024/8/20	Sunny	27.4	Brownish black	Faint earth	loamy	< 8.4	350 ± 12	350	0.08	
	163	Takashiba Dam Reservoir (Lake Takashiba)			2024/5/20	Light Rain	15.0	Brownish black	Faint earth	loamy	35 ± 8.1	2,400 ± 59	2,435	0.10	
					2024/6/18	Light Rain	20.3	Brownish black	Faint earth	loamy	150 ± 10	9,400 ± 63	9,550	0.09	
					2024/8/20	Sunny	30.1	Dark brown	Faint earth	loamy	98 ± 14	5,400 ± 93	5,498	0.10	
	164	Shitoki Dam Reservoir			2024/5/20	Light Rain	20.0	Brownish black	Faint earth	loamy	24 ± 4.1	1,400 ± 29	1,424	0.09	
					2024/6/18	Light Rain	19.5	Brownish black	Faint earth	loamy	23 ± 3.4	1,400 ± 19	1,423	0.08	
					2024/8/20	Sunny	29.9	Brownish black	Faint earth	loamy	32 ± 6.6	1,900 ± 46	1,932	0.08	

* Reasons for difficulty in entering the study area include winter closures, winter road closures, typhoons and other disasters, construction, etc.

Fukushima River(Water_Nakadori) 1/7

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water									Remarks
									General items								Activity concentration(Bq/L)	
																	Radioactive cesium	
	No.	Water Area	Location	Municipality					Water temperature (℃)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137
Rivers	54	Abukuma River	Habuto Bridge	Nishigo Village	2024/5/28	Light Rain	17.5	0.3	15.7	0.0	Light grayish reddish yellow	None	38	9.7	8	1.6	< 0.61	< 0.56	
					2024/6/26	Cloudy	26.5	0.2	18.8	0.0	Light grayish yellow green	None	>100	10.6	5	0.6	< 0.82	< 1.0	
					2024/8/23	Cloudy	24.4	0.2	20.5	0.0	Light grayish yellow green	None	>100	11.0	7	1.0	< 0.58	< 0.71	
					2024/10/25	Sunny	19.8	0.2	15.2	0.0	Light grayish yellow green	None	>100	10.7	<1	0.6	< 0.60	< 0.59	
					2024/11/14	Sunny	12.9	0.2	12.8	0.0	Light grayish yellow green	None	>100	11.5	2	0.7	< 0.77	< 0.75	
					2024/12/12	Sunny	3.0	0.4	4.6	0.0	Light grayish yellow green	None	>100	12.0	<1	0.4	< 0.63	< 0.47	
	55		Tamachi-ohashi Bridge	Shirakawa City	2024/4/22	Cloudy	20.8	0.3	14.3	0.0	Light grayish yellow green	None	>100	9.7	2	1.0	< 0.91	< 0.73	
					2024/5/28	Light Rain	20.2	0.3	16.8	0.0	Grayish yellow	None	16	10.2	31	5.7	< 0.82	< 0.59	
					2024/6/20	Sunny	23.7	0.2	20.2	0.0	Light grayish yellow green	None	95	11.5	3	1.0	< 0.61	< 0.73	
					2024/7/5	Cloudy	24.6	0.1	21.6	0.0	Light grayish yellow green	None	>100	12.9	2	0.9	< 0.78	< 0.68	
					2024/8/23	Cloudy	26.5	0.3	21.8	0.0	Light grayish yellow green	None	>100	13.5	2	0.8	< 0.78	< 0.73	
					2024/9/27	Sunny	26.1	0.2	21.7	0.0	Light grayish yellow green	None	>100	9.4	4	1.7	< 0.68	< 0.73	
					2024/10/25	Sunny	19.5	0.2	17.3	0.0	Light grayish yellow green	None	>100	10.7	2	1.0	< 0.61	< 0.63	
					2024/12/12	Sunny	2.6	0.2	5.7	0.0	Light grayish yellow green	None	>100	12.1	<1	1.0	< 0.68	< 0.68	
					2025/1/10	Sunny	0.6	0.2	4.3	0.0	Light grayish yellow green	None	>100	11.9	3	2.2	< 0.75	< 0.78	
					2025/2/13	Sunny	3.4	0.2	5.1	0.0	Light grayish yellow green	None	>100	12.0	3	2.4	< 0.87	< 0.76	
	56	Yanta River	Before the confluence with Abukuma River		2024/5/28	Light Rain	19.4	0.6	17.8	0.0	Grayish yellow	None	18	31.7	18	3.5	< 0.54	< 0.71	
					2024/6/20	Sunny	25.4	0.4	21.3	0.0	Grayish yellow green	None	75	59.5	4	1.1	< 0.75	< 0.70	
					2024/8/23	Cloudy	28.8	0.4	23.0	0.0	Grayish yellow green	None	>100	40.6	6	0.7	< 0.64	< 0.84	
					2024/10/25	Sunny	19.4	0.4	18.1	0.0	Grayish yellow green	None	>100	77.6	10	1.6	< 0.87	< 0.66	
					2024/11/14	Sunny	14.9	0.5	15.2	0.0	Grayish yellow green	None	>100	75.1	5	1.0	< 0.71	< 0.85	
					2024/12/12	Sunny	3.4	0.6	8.0	0.0	Grayish yellow green	None	>100	79.1	3	1.0	< 0.63	< 0.61	
	57	Yashiro River	Yashirogawa Bridge	Tanagura Town	2024/5/20	Light Rain	15.3	0.2	16.9	0.0	Light grayish yellow green	None	21	14.4	22	7.7	< 0.70	< 0.84	
					2024/6/7	Cloudy	23.5	0.3	21.3	0.0	Light grayish yellow green	None	68	14.3	6	4.1	< 0.72	< 0.73	
					2024/8/22	Cloudy	27.3	0.2	24.4	0.0	Light grayish yellow green	None	74	21.1	9	3.4	< 0.89	< 0.81	
					2024/10/23	Cloudy	17.2	0.3	18.1	0.0	Light grayish yellow green	None	80	11.1	8	2.7	< 0.87	< 0.85	
					2024/11/11	Sunny	16.2	0.2	15.6	0.0	Light grayish greenish yellow	None	68	12.2	5	2.8	< 0.61	< 0.77	
					2024/12/12	Sunny	4.6	0.4	5.8	0.0	Light grayish yellow	None	98	12.8	2	1.8	< 0.67	< 0.73	
	58	Kitasu River	Yanagi Bridge	Hirata Village	2024/5/2	Sunny	15.0	0.2	15.0	0.0	Light grayish yellow green	None	>100	12.8	3	1.5	< 0.71	< 0.77	
					2024/6/10	Light Rain	16.2	0.2	16.9	0.0	Light grayish yellow green	None	63	13.5	7	3.0	< 0.72	< 0.76	
					2024/8/22	Cloudy	28.0	0.3	22.0	0.0	Light grayish yellow green	None	65	12.8	6	1.1	< 0.64	< 0.68	
					2024/10/23	Cloudy	18.2	0.2	17.1	0.0	Light grayish yellow green	None	>100	12.1	<1	0.8	< 0.73	< 0.69	
					2024/11/20	Sunny	10.3	0.2	8.2	0.0	Light grayish yellow green	None	>100	12.8	<1	0.6	< 0.78	< 0.93	
					2024/12/26	Cloudy	8.8	0.3	4.7	0.0	Light grayish yellow green	None	>100	12.0	2	0.8	< 0.80	< 0.59	
	59		Nekonaki Bridge	Ishikawa Town	2024/5/20	Light Rain	15.5	0.3	16.5	0.0	Grayish reddish yellow	None	17	8.6	27	8.9	< 0.82	< 0.75	
					2024/6/6	Sunny	22.0	0.5	21.5	0.0	Light grayish yellow green	None	82	12.4	4	2.7	< 0.80	< 0.86	
					2024/8/23	Sunny	29.4	0.3	28.4	0.0	Light grayish yellow green	None	66	13.0	6	1.7	< 0.83	< 0.64	
					2024/10/23	Cloudy	18.0	0.3	18.6	0.0	Light grayish yellow green	None	80	11.7	5	1.9	< 0.85	< 0.71	
					2024/11/11	Sunny	16.9	0.2	14.7	0.0	Light grayish yellow	None	52	13.4	3	2.9	< 0.69	< 0.75	
					2024/12/26	Cloudy	11.6	0.4	6.9	0.0	Light grayish yellow green	None	70	12.1	7	2.9	< 0.72	< 0.85	
	60	Yashiro River	Oji Bridge		2024/5/20	Cloudy	18.8	0.4	18.6	0.0	Grayish yellow green	None	16	11.7	33	11	< 0.68	< 0.72	
					2024/6/6	Sunny	22.0	0.3	23.1	0.0	Grayish yellow green	None	80	13.8	3	2.6	< 0.72	< 0.72	
					2024/8/23	Cloudy	30.9	0.6	25.8	0.0	Grayish yellow green	None	52	13.7	9	2.1	< 0.68	< 0.78	
					2024/10/23	Cloudy	18.1	0.3	17.8	0.0	Grayish yellow green	None	25	12.0	29	16	< 0.87	< 0.88	
					2024/11/11	Sunny	16.1	0.4	14.9	0.0	Light grayish yellow green	None	72	12.4	6	3.0	< 0.64	< 0.72	
					2024/12/26	Sunny	12.1	0.5	5.5	0.0	Grayish yellow green	None	79	12.3	5	2.3	< 0.78	< 0.72	

Fukushima River(Water_Nakadori) 2/7

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
									General items								Activity concentration(Bq/L)		
																	Radioactive cesium		
	No.	Water Area	Location	Municipality					Water temperature (℃)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Rivers	61	Abukuma River	Kawanome Bridge	Tamakawa Village/ Yabuki Town	2024/4/22	Cloudy	23.5	0.3	18.3	0.0	Light grayish yellow	None	63	14.0	5	3.0	< 0.79	< 0.69	
					2024/5/20	Cloudy	19.2	0.4	19.6	0.0	Grayish reddish yellow	None	16	13.5	43	13	< 0.61	< 0.65	
					2024/6/6	Sunny	24.0	0.4	23.0	0.0	Light grayish yellow	None	70	13.8	5	3.1	< 0.54	< 0.50	
					2024/7/5	Sunny	28.8	0.5	26.2	0.0	Light grayish yellow	None	37	16.0	11	1.6	< 0.68	< 0.82	
					2024/8/23	Sunny	32.1	0.3	26.7	0.0	Light grayish yellow	None	59	15.4	9	2.5	< 0.67	< 0.67	
					2024/9/27	Sunny	25.4	0.2	26.2	0.0	Light grayish yellow	None	55	13.6	9	4.2	< 0.75	< 0.62	
					2024/10/23	Cloudy	18.5	0.2	18.5	0.0	Light grayish yellow	None	75	15.5	9	3.2	< 0.61	< 0.69	
					2024/12/26	Sunny	11.8	0.4	6.1	0.0	Light grayish yellow green	None	84	16.1	5	1.9	< 0.57	< 0.61	
					2025/1/10	Sunny	1.3	0.2	4.2	0.0	Light grayish yellow	None	>100	17.6	3	3.0	< 0.68	< 0.77	
					2025/2/13	Light Snow	1.4	0.3	3.4	0.0	Light grayish yellow green	None	78	20.0	4	3.3	< 0.81	< 0.68	
	62		Emochi Bridge	Sukagawa City	2024/5/28	Light Rain	18.2	0.3	19.5	0.0	Light grayish greenish yellow	None	34	15.4	11	2.5	< 0.66	< 0.87	
					2024/6/17	Cloudy	28.9	0.3	28.6	0.0	Grayish greenish yellow	None	69	17.3	4	1.4	< 0.79	< 0.75	
					2024/8/24	Cloudy	26.9	0.4	26.8	0.0	Grayish greenish yellow	None	>100	15.7	9	2.2	< 0.91	< 0.81	
					2024/10/17	Sunny	23.0	0.2	22.6	0.0	Grayish greenish yellow	None	>100	15.2	4	3.2	< 0.80	< 0.62	
					2024/11/11	Sunny	16.9	0.4	14.5	0.0	Light grayish greenish yellow	None	79	17.1	4	2.3	< 0.44	< 0.65	
					2024/12/23	Sunny	0.9	0.3	3.6	0.0	Grayish yellow	None	>100	17.9	6	2.6	< 0.68	< 0.66	
	63	Shakado River	Sukagawa City water intake point		2024/5/28	Light Rain	17.8	0.3	18.5	0.0	Light grayish yellow	None	>100	13.1	25	5.3	< 0.80	< 0.91	
					2024/6/20	Sunny	30.6	0.4	26.9	0.0	Light grayish yellow green	None	53	12.4	6	1.8	< 0.55	< 0.66	
					2024/8/24	Cloudy	30.5	0.4	27.2	0.0	Light grayish yellow green	None	>100	13.9	6	2.8	< 0.63	< 0.69	
					2024/10/17	Sunny	22.0	0.2	20.0	0.0	Light grayish yellow green	None	>100	12.8	4	3.4	< 0.87	< 0.64	
					2024/11/11	Sunny	18.6	0.3	15.0	0.0	Light grayish yellow green	None	>100	15.2	3	2.1	< 0.75	< 0.72	
					2024/12/23	Cloudy	4.4	0.3	3.7	0.0	Light grayish greenish yellow	None	>100	13.0	3	1.5	< 0.91	< 0.92	
	64		Before the confluence with Abukuma River		2024/4/23	Cloudy	14.0	0.2	15.5	0.0	Light grayish greenish yellow	None	64	13.0	4	2.4	< 0.78	< 0.89	
					2024/5/28	Light Rain	17.6	0.3	18.1	0.0	Light grayish yellow	None	11	11.5	47	11	< 0.68	< 1.0	
					2024/6/17	Cloudy	29.7	0.2	27.7	0.0	Light grayish greenish yellow	None	66	14.9	6	2.0	< 0.85	< 0.83	
					2024/7/5	Sunny	31.5	0.2	29.0	0.0	Grayish reddish yellow	None	21	12.5	25	5.7	< 0.87	< 0.62	
					2024/8/24	Cloudy	29.1	0.2	26.6	0.0	Light grayish greenish yellow	None	>100	14.3	14	2.1	< 0.72	< 0.80	
					2024/9/26	Cloudy	22.1	0.2	22.2	0.0	Light grayish greenish yellow	None	85	13.8	8	3.5	< 0.71	< 0.89	
					2024/10/17	Sunny	22.1	0.2	20.2	0.0	Light grayish greenish yellow	None	>100	13.6	2	2.4	< 0.63	< 0.66	
					2024/12/23	Sunny	2.2	0.1	3.3	0.0	Light grayish greenish yellow	None	94	14.0	7	1.8	< 0.81	< 0.59	
					2025/1/10	Sunny	1.1	0.1	4.4	0.0	Light grayish greenish yellow	None	45	16.6	8	6.3	< 0.65	< 0.69	
					2025/2/13	Sunny	2.8	0.1	4.8	0.0	Light grayish greenish yellow	None	63	16.5	6	5.0	< 0.84	< 0.72	
	65	Sasahara River	Shinbashi Bridge	Koriyama City	2024/5/27	Cloudy	19.3	0.4	17.3	0.0	Grayish greenish yellow	None	22	14.5	17	4.2	< 0.77	< 0.78	
					2024/6/20	Sunny	31.7	0.3	26.2	0.0	Grayish yellow	None	39	15.2	11	2.8	< 0.90	< 0.79	
					2024/8/23	Sunny	34.1	0.2	30.2	0.0	Light grayish greenish yellow	None	40	15.2	19	4.1	< 0.84	< 0.75	
					2024/10/17	Sunny	24.0	0.2	22.3	0.0	Light grayish greenish yellow	None	>100	16.5	4	4.5	< 0.72	< 0.76	
					2024/11/11	Sunny	18.9	0.3	14.2	0.0	Light grayish yellow green	None	89	19.1	3	2.1	< 0.68	< 0.82	
					2024/12/25	Cloudy	5.6	0.1	4.8	0.0	Light grayish greenish yellow	None	>100	18.5	3	2.6	< 0.72	< 0.76	
	66	Yatagawa River	Yatagawa Bridge		2024/5/27	Cloudy	20.6	0.2	19.3	0.0	Light grayish yellow green	None	65	19.3	5	2.1	< 0.60	< 0.61	
					2024/6/12	Sunny	28.0	0.2	30.3	0.0	Light grayish yellow green	None	50	25.9	8	3.3	< 0.54	< 0.56	
					2024/8/23	Sunny	33.8	0.2	30.4	0.0	Light grayish yellow green	None	70	19.9	9	2.7	< 0.61	< 0.57	
					2024/10/17	Sunny	25.0	0.2	22.9	0.0	Light grayish yellow green	None	>100	23.0	6	4.5	< 0.60	< 0.87	
					2024/11/11	Sunny	19.4	0.1	14.3	0.0	Light grayish yellow	None	52	20.3	7	3.6	< 0.70	< 0.73	
					2024/12/25	Sunny	8.1	0.1	6.9	0.0	Light grayish yellow green	None	48	21.0	11	3.8	< 0.75	< 0.85	
	67	Otakine River	Funehiki Bridge	Tamura City	2024/5/2	Sunny	20.5	0.3	19.3	0.0	Light grayish yellow	None	73	14.0	12	3.5	< 0.84	< 0.69	
					2024/6/5	Sunny	17.0	0.3	11.1	0.0	Light grayish yellow	None	92	14.3	4	2.4	< 0.60	< 0.58	
					2024/8/23	Cloudy	27.3	0.2	21.5	0.0	Light grayish yellow	None	65	13.0	9	2.2	< 0.62	< 0.77	
					2024/10/18	Cloudy	17.5	0.2	17.1	0.0	Light grayish yellow	None	>100	14.1	4	2.6	< 0.80	< 0.81	
					2024/11/19	Sunny	5.8	0.2	8.8	0.0	Light grayish yellow	None	>100	14.5	2	1.5	< 0.54	< 0.90	
					2024/12/12	Sunny	4.1	0.3	4.8	0.0	Light grayish yellow	None	>100	14.4	2	1.1	< 0.64	< 0.64	

Fukushima River(Water_Nakadori) 3/7

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
									General items								Activity concentration(Bq/L)		
																	Radioactive cesium		
	No.	Water Area	Location	Municipality					Water temperature (℃)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Rivers	68	Otakine River	Before the confluence with Abukuma River	Koriyama City	2024/5/27	Cloudy	20.7	0.4	16.6	0.0	Light grayish yellow green	None	58	14.5	5	1.0	< 0.73	< 0.83	
					2024/6/12	Sunny	23.0	0.3	25.6	0.0	Light grayish yellow green	None	63	18.0	7	3.0	< 0.70	< 0.59	
					2024/8/23	Sunny	32.8	0.2	29.0	0.0	Light grayish yellow green	None	80	16.8	12	3.8	< 0.66	< 0.73	
					2024/10/17	Sunny	25.2	0.2	22.7	0.0	Light grayish yellow green	None	>100	17.5	8	3.7	< 0.72	< 0.79	
					2024/11/11	Sunny	19.2	0.3	14.4	0.0	Light grayish greenish yellow	None	49	17.8	8	3.6	< 0.88	< 0.64	
					2024/12/25	Sunny	9.6	0.2	6.3	0.0	Light grayish yellow green	None	66	18.5	8	2.8	< 0.72	< 0.59	
	69	Ouse River	Before the confluence with Babagawa River		2024/5/27	Cloudy	24.7	0.4	19.5	0.0	Light grayish yellow green	None	16	14.0	21	5.3	< 0.75	< 0.79	
					2024/6/13	Sunny	30.5	0.3	24.8	0.0	Light grayish yellow green	None	45	19.3	20	5.5	< 0.62	< 0.65	
					2024/8/23	Sunny	29.0	0.2	28.0	0.0	Light grayish yellow green	None	>100	15.8	8	2.0	< 0.81	< 0.83	
					2024/10/17	Sunny	25.0	0.2	20.7	0.0	Light grayish yellow green	None	>100	18.5	<1	1.4	< 0.57	< 0.50	
					2024/11/11	Sunny	15.4	0.4	13.2	0.0	Light grayish greenish yellow	None	61	27.9	8	4.1	< 0.78	< 0.64	
					2024/12/26	Sunny	3.6	0.4	4.8	0.0	Light grayish yellow	None	97	43.6	9	2.9	< 0.76	< 0.64	
	70		Makunouchi Bridge		2024/5/27	Cloudy	23.8	0.2	20.4	0.0	Grayish greenish yellow	None	21	15.6	19	5.5	< 0.63	< 0.68	
					2024/6/13	Sunny	31.0	0.2	26.7	0.0	Grayish greenish yellow	None	43	24.3	13	3.9	< 0.85	< 0.82	
					2024/8/23	Sunny	29.3	0.2	28.5	0.0	Grayish greenish yellow	None	>100	18.4	6	2.5	< 0.80	< 0.75	
					2024/10/17	Sunny	25.8	0.2	22.3	0.0	Grayish greenish yellow	None	>100	28.9	3	2.1	< 0.84	< 0.72	
					2024/11/11	Sunny	16.4	0.2	13.5	0.0	Light grayish yellow	None	66	36.2	5	3.7	< 0.75	< 0.81	
					2024/12/25	Sunny	6.4	0.1	5.3	0.0	Grayish greenish yellow	None	70	41.0	9	4.3	< 0.82	< 0.69	
	71		Before the confluence with Abukuma River		2024/4/23	Cloudy	15.0	0.2	18.3	0.0	Light grayish yellow	None	62	37.9	6	3.4	< 0.82	< 0.83	
					2024/5/21	Sunny	18.4	0.1	19.6	0.0	Light grayish yellow	None	24	24.5	19	6.0	< 0.84	< 0.66	
					2024/6/12	Sunny	24.6	0.2	26.9	0.0	Light grayish yellow	None	54	19.0	9	3.3	< 0.81	< 0.59	
					2024/7/3	Cloudy	24.6	0.1	24.6	0.0	Light grayish yellow	None	34	37.4	13	2.5	< 0.66	< 0.68	
					2024/8/23	Cloudy	28.7	0.1	29.1	0.0	Light grayish yellow	None	>100	22.5	4	1.5	< 0.80	< 0.58	
					2024/9/26	Cloudy	22.4	0.1	26.4	0.0	Light grayish yellow	None	>100	33.0	4	2.7	< 0.71	< 0.75	
					2024/10/17	Sunny	26.1	0.1	26.0	0.0	Light grayish yellow	None	>100	32.6	4	2.5	< 0.41	< 0.66	
					2024/12/25	Sunny	9.2	0.2	10.9	0.0	Light grayish yellow	None	59	41.2	18	3.8	< 0.58	< 0.78	
					2025/1/15	Cloudy	7.0	0.2	10.4	0.0	Light grayish yellow	None	60	43.0	9	6.0	< 0.89	< 0.80	
					2025/2/10	Sunny	2.3	0.2	8.7	0.0	Light grayish yellow	None	54	57.6	8	5.7	< 0.67	< 0.66	
	72	Abukuma River	Akutsu Bridge		2024/4/23	Cloudy	15.0	0.3	15.7	0.0	Light grayish yellow green	None	56	25.5	8	2.7	< 0.62	< 0.61	
					2024/5/21	Sunny	21.5	0.4	19.4	0.0	Grayish yellow	None	22	17.3	21	6.8	< 0.72	< 0.88	
					2024/6/12	Sunny	27.5	0.4	23.5	0.0	Light grayish yellow green	None	68	19.5	7	3.4	< 0.63	< 0.66	
					2024/7/3	Cloudy	24.3	0.2	23.5	0.0	Light grayish yellow green	None	36	23.9	9	2.0	< 0.90	< 0.68	
					2024/8/23	Cloudy	29.7	0.2	28.3	0.0	Light grayish yellow green	None	85	22.1	8	2.5	< 0.64	< 0.67	
					2024/9/26	Cloudy	23.4	0.2	22.4	0.0	Light grayish yellow green	None	90	15.9	5	3.6	< 0.71	< 0.89	
					2024/10/17	Sunny	25.9	0.2	22.9	0.0	Light grayish yellow green	None	>100	20.1	3	2.9	< 0.70	< 0.69	
					2024/12/25	Sunny	8.9	0.3	5.8	0.0	Light grayish greenish yellow	None	76	21.7	7	2.6	< 0.88	< 0.68	
					2025/1/15	Cloudy	5.5	0.3	5.8	0.0	Light grayish yellow green	None	54	24.8	8	5.7	< 0.73	< 0.75	
					2025/2/10	Sunny	3.7	0.3	4.6	0.0	Light grayish yellow green	None	93	29.6	6	5.2	< 0.57	< 0.66	
	73	Gohyaku River	After the confluence with Ishimushiro River		2024/5/20	Sunny	22.8	0.2	15.5	0.0	Light grayish yellow	None	20	8.5	18	6.8	< 0.93	< 0.82	
					2024/6/5	Sunny	18.0	0.3	15.8	0.0	Light grayish greenish yellow	None	96	7.9	3	1.6	< 0.68	< 0.76	
					2024/8/22	Cloudy	29.5	0.3	29.0	0.0	Light grayish greenish yellow	None	>100	9.4	3	0.6	< 0.62	< 0.54	
					2024/10/18	Light Rain	17.5	0.3	17.2	0.0	Light grayish greenish yellow	None	>100	7.6	<1	1.5	< 0.78	< 0.82	
					2024/11/9	Sunny	11.7	0.2	8.7	0.0	Light grayish greenish yellow	None	>100	8.5	<1	0.5	< 0.68	< 0.72	
					2024/12/25	Sunny	5.2	0.3	4.5	0.0	Light grayish yellow	None	>100	9.4	<1	0.4	< 0.55	< 0.69	
	74		Kamisekishita Bridge	Motomiya City	2024/5/20	Sunny	23.2	0.5	18.5	0.0	Light grayish yellow	None	10	12.7	39	28	< 0.57	< 0.74	
					2024/6/5	Sunny	23.0	0.4	19.1	0.0	Grayish greenish yellow	None	65	12.8	7	4.4	< 0.62	< 0.66	
					2024/8/22	Cloudy	29.0	0.2	29.8	0.0	Grayish greenish yellow	None	65	12.0	13	1.5	< 0.73	< 0.59	
					2024/10/18	Cloudy	17.5	0.2	17.2	0.0	Light grayish greenish yellow	None	70	13.2	<1	2.0	< 0.56	< 0.63	
					2024/11/9	Sunny	6.7	0.4	8.3	0.0	Grayish yellow green	None	>100	10.3	2	1.1	< 0.67	< 0.54	
					2024/12/25	Sunny	3.6	0.6	3.7	0.0	Light grayish yellow green	None	>100	15.2	<1	0.7	< 0.82	< 0.89	

Fukushima River(Water_Nakadori) 4/7

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
									General items								Activity concentration(Bq/L)		
																	Radioactive cesium		
	No.	Water Area	Location	Municipality					Water temperature (℃)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Rivers	75	Gohyaku River	Before the confluence with Abukuma River	Motomiya City	2024/4/24	Light Rain	15.4	0.4	14.7	0.0	Light grayish greenish yellow	None	43	13.8	7	2.7	< 0.69	< 0.77	
					2024/5/20	Sunny	25.2	0.5	17.7	0.0	Light grayish yellow	None	10	12.8	59	33	< 0.64	< 0.85	
					2024/6/5	Sunny	23.0	0.3	20.1	0.0	Light grayish yellow	None	42	14.0	18	8.8	< 0.89	< 0.66	
					2024/7/4	Sunny	26.4	0.4	23.0	0.0	Grayish reddish yellow	None	9	10.4	56	14	< 0.77	< 0.77	
					2024/8/22	Cloudy	28.2	0.2	28.9	0.0	Grayish yellow	None	50	13.4	42	7.0	< 0.54	< 0.67	
					2024/9/26	Sunny	25.8	0.2	22.6	0.0	Light grayish yellow	None	85	13.2	13	2.9	< 0.77	< 0.72	
					2024/10/18	Light Rain	17.8	0.2	17.7	0.0	Light grayish yellow	None	65	14.2	5	4.9	< 0.68	< 0.59	
					2024/12/26	Sunny	4.8	0.2	4.3	0.0	Light grayish yellow green	None	>100	17.6	<1	1.0	< 0.80	< 0.81	
					2025/1/29	Cloudy	4.8	0.3	4.6	0.0	Light grayish yellow	None	8	15.4	74	57	< 0.62	< 0.47	
					2025/2/13	Cloudy	3.5	0.2	4.0	0.0	Light grayish greenish yellow	None	50	21.0	21	7.7	< 0.71	< 0.72	
	76	Abukuma River	Takada Bridge	Nihonmatsu City	2024/4/24	Light Rain	11.0	0.7	15.6	0.0	Grayish yellow green	None	84	17.1	10	2.9	< 0.77	< 0.75	
					2024/5/20	Sunny	25.1	1.1	20.1	0.0	Light grayish yellow	None	12	15.9	41	18	< 0.75	< 0.64	
					2024/6/4	Cloudy	17.0	0.6	17.7	0.0	Grayish yellow green	None	>100	11.2	49	18	< 0.87	< 0.59	
					2024/7/4	Sunny	32.3	0.6	24.9	0.0	Grayish reddish yellow	None	13	17.3	21	8.7	< 0.75	< 0.76	
					2024/8/23	Cloudy	30.9	0.6	26.7	0.0	Grayish yellow green	None	45	13.6	14	3.4	< 0.73	< 0.98	
					2024/9/26	Sunny	26.8	0.3	26.7	0.0	Grayish yellow green	None	80	14.9	8	4.1	< 0.80	< 0.58	
					2024/10/18	Cloudy	20.2	0.3	19.5	0.0	Light grayish greenish yellow	None	>100	18.5	3	2.4	< 0.49	< 0.74	
					2024/12/23	Sunny	2.6	1.2	3.4	0.0	Light grayish yellow green	None	38	22.9	3	1.4	< 0.83	< 0.69	
					2025/1/29	Cloudy	4.0	1.4	4.4	0.0	Light grayish yellow green	None	39	23.0	6	5.2	< 0.46	< 0.66	
					2025/2/13	Cloudy	4.0	0.3	3.8	0.0	Grayish yellow green	None	78	25.0	5	3.8	< 0.56	< 0.54	
	77	Kuchibuto River	Kuchibutogawa Bridge		2024/5/10	Sunny	17.8	0.2	9.7	0.0	Light grayish yellow green	None	36	11.4	6	5.3	< 0.71	< 0.75	
					2024/6/19	Sunny	27.2	0.3	20.5	0.0	Light grayish yellow green	None	81	13.9	5	0.8	< 0.66	< 0.58	
					2024/8/23	Cloudy	27.1	0.3	20.3	0.0	Light grayish yellow green	None	>100	11.9	4	1.9	< 0.70	< 0.69	
					2024/10/18	Cloudy	18.1	0.3	16.2	0.0	Light grayish yellow green	None	>100	12.4	4	2.8	< 0.85	< 0.78	
					2024/11/19	Sunny	7.2	0.3	7.3	0.0	Light grayish yellow green	None	>100	11.2	<1	0.8	< 0.76	< 0.62	
					2024/12/23	Sunny	3.8	0.4	1.8	0.0	Light grayish yellow green	None	>100	14.8	<1	0.6	< 0.61	< 0.65	
	78	Utsushi River	Osegawa Bridge		2024/4/24	Light Rain	15.0	0.4	14.4	0.0	Grayish yellow	None	90	12.4	5	2.3	< 0.71	< 0.72	
					2024/5/20	Sunny	25.5	0.5	17.9	0.0	Light grayish reddish yellow	None	10	12.1	83	19	< 0.87	< 0.88	
					2024/6/4	Cloudy	28.0	0.4	16.5	0.0	Grayish yellow	None	40	11.7	15	4.1	< 0.63	< 0.65	
					2024/7/4	Sunny	31.6	0.4	23.3	0.0	Light grayish yellow green	None	23	14.4	16	3.2	< 0.71	< 0.81	
					2024/8/23	Cloudy	30.9	0.3	23.0	0.0	Grayish yellow	None	55	13.4	8	3.1	< 0.88	< 0.89	
					2024/9/26	Sunny	27.5	0.3	24.7	0.0	Grayish yellow	None	55	12.6	10	6.2	< 0.68	< 0.88	
					2024/10/18	Cloudy	20.1	0.3	18.2	0.0	Grayish yellow	None	>100	13.5	3	3.2	< 0.72	< 0.68	
					2024/12/23	Sunny	0.6	0.5	2.6	0.0	Light grayish yellow green	None	>100	15.1	<1	0.5	< 0.57	< 0.77	
					2025/1/29	Cloudy	4.0	0.5	2.5	0.0	Light grayish yellow green	None	>100	15.5	<1	1.1	< 0.84	< 0.79	
					2025/2/12	Sunny	4.0	0.3	1.6	0.0	Grayish yellow	None	>100	16.6	2	2.2	< 0.54	< 0.52	
	79	Mizuhara River	Getouchi Bridge	Fukushima City	2024/5/14	Sunny	21.3	0.2	17.4	0.0	Light grayish yellow	None	12	10.9	19	17	< 0.68	< 0.88	
					2024/6/4	Cloudy	23.0	0.3	18.6	0.0	Light grayish yellow	None	30	6.6	41	16	< 0.87	< 0.68	
					2024/8/23	Cloudy	33.0	0.2	28.1	0.0	Light grayish yellow	None	>100	10.0	5	2.1	< 0.82	< 0.75	
					2024/10/23	Light Rain	20.5	0.2	19.5	0.0	Light grayish yellow	None	>100	9.9	<1	0.9	< 0.84	< 0.85	
					2024/11/9	Sunny	7.6	0.3	7.0	0.0	Light grayish yellow	None	90	10.6	4	2.4	< 0.75	< 0.72	
					2024/12/23	Sunny	3.8	0.3	2.6	0.0	Light grayish yellow	None	94	9.4	2	1.2	< 0.76	< 0.95	
	80	Megami River	Tsurumaki Bridge		2024/5/14	Sunny	25.5	0.2	23.9	0.0	Light grayish yellow	None	34	22.3	9	6.8	< 0.64	< 0.69	
					2024/6/4	Sunny	24.0	0.2	18.6	0.0	Light grayish yellow	None	50	16.3	14	6.8	< 0.70	< 0.56	
					2024/8/22	Cloudy	28.3	0.2	27.9	0.0	Light grayish yellow	None	>100	28.4	2	1.0	< 0.83	< 0.81	
					2024/10/23	Light Rain	20.9	0.1	19.4	0.0	Light grayish yellow	None	>100	21.6	<1	0.9	< 0.69	< 0.65	
					2024/11/9	Sunny	8.8	0.3	7.0	0.0	Light grayish yellow green	None	>100	23.1	<1	1.0	< 0.73	< 0.75	
					2024/12/23	Sunny	3.2	0.3	2.3	0.0	Light grayish yellow	None	>100	24.3	<1	0.7	< 0.50	< 0.50	

Fukushima River(Water_Nakadori) 5/7

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
									General items								Activity concentration(Bq/L)		
																	Radioactive cesium		
	No.	Water Area	Location	Municipality					Water temperature (℃)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Rivers	81	Abukuma River	Horai Bridge	Fukushima City	2024/4/23	Cloudy	15.7	0.5	15.5	0.0	Grayish yellow green	None	62	15.0	7	2.9	< 0.72	< 0.81	
					2024/5/9	Cloudy	13.2	0.4	16.6	0.0	Grayish yellow green	None	23	16.7	18	8.5	< 0.82	< 0.69	
					2024/6/4	Cloudy	18.3	0.4	18.6	0.0	Grayish reddish yellow	None	10	11.5	55	13	< 0.73	< 0.59	
					2024/7/1	Cloudy	28.2	0.4	24.8	0.0	Grayish yellow green	None	24	18.3	20	1.9	< 0.66	< 0.94	
					2024/8/22	Sunny	28.9	0.4	28.3	0.0	Grayish yellow green	None	20	15.7	51	7.4	< 0.65	< 0.77	
					2024/9/24	Sunny	24.9	0.5	20.0	0.0	Grayish yellow green	None	25	14.4	18	7.8	< 0.51	< 0.78	
					2024/10/24	Sunny	21.2	0.4	19.2	0.0	Grayish yellow green	None	>100	17.8	8	2.1	< 0.46	< 0.45	
					2024/12/13	Sunny	9.6	0.2	6.5	0.0	Light grayish yellow green	None	59	20.8	4	3.2	< 0.53	< 0.47	
					2025/1/29	Light Snow	1.0	0.2	4.8	0.0	Light grayish yellow green	None	74	21.4	4	2.7	< 0.71	< 0.64	
					2025/2/12	Cloudy	3.0	0.5	4.3	0.0	Grayish yellow green	None	82	26.9	5	3.5	< 0.65	< 0.87	
	82	Nigori River	Before the confluence with Omori River		2024/5/9	Cloudy	14.0	0.2	17.0	0.0	Light grayish yellow	None	16	27.0	35	33	< 0.90	< 0.68	
					2024/6/4	Cloudy	18.6	0.4	16.4	0.0	Grayish reddish yellow	None	13	12.4	37	18	< 0.87	< 0.72	
					2024/8/23	Cloudy	28.3	0.2	30.7	0.0	Light grayish yellow	None	70	21.6	8	3.0	< 0.67	< 0.84	
					2024/10/23	Sunny	22.0	0.2	18.3	0.0	Grayish yellow	None	10	22.0	210	110	< 0.62	< 0.77	
					2024/11/14	Sunny	11.4	0.2	11.7	0.0	Light grayish yellow green	None	31	18.7	7	6.3	< 0.62	< 0.81	
					2024/12/13	Sunny	7.5	0.2	7.0	0.0	Light grayish yellow	None	3	24.4	140	100	< 0.75	< 0.64	
	83	Arakawa River	Hinokura Bridge		2024/5/17	Sunny	22.5	0.4	15.2	0.0	Light grayish yellow green	None	>100	21.7	2	1.6	< 0.81	< 0.83	
					2024/6/4	Cloudy	18.8	0.4	16.6	0.0	Light grayish yellow green	None	41	18.0	8	4.0	< 0.66	< 0.54	
					2024/8/22	Cloudy	28.2	0.2	25.8	0.0	Light grayish yellow green	None	>100	27.2	2	0.5	< 0.59	< 0.80	
					2024/10/24	Sunny	20.5	0.2	19.6	0.0	Light grayish yellow green	None	90	24.7	<1	0.8	< 0.65	< 0.53	
					2024/11/11	Sunny	18.6	0.3	16.2	0.0	Light grayish yellow green	None	>100	23.7	<1	0.8	< 0.65	< 0.62	
					2024/12/13	Sunny	4.6	0.5	5.2	0.0	Light grayish green	None	90	25.5	2	1.5	< 0.80	< 0.64	
	84	Sukawa River	Sukawa Bridge		2024/5/7	Cloudy	20.3	0.4	16.5	0.0	Light grayish yellow	None	>100	55.5	<1	0.4	< 0.85	< 0.94	
					2024/6/4	Cloudy	19.8	0.4	15.6	0.0	Light grayish yellow green	None	63	40.6	8	2.8	< 0.75	< 0.76	
					2024/8/22	Cloudy	28.4	0.3	23.9	0.0	Light grayish yellow green	None	>100	61.7	2	0.5	< 0.90	< 0.81	
					2024/10/24	Sunny	21.0	0.3	18.8	0.0	Light grayish yellow green	None	>100	58.1	<1	0.4	< 0.42	< 0.62	
					2024/11/11	Sunny	18.3	0.3	15.2	0.0	Light grayish yellow green	None	>100	57.5	<1	0.3	< 0.71	< 0.81	
					2024/12/13	Sunny	5.6	0.2	5.8	0.0	Light grayish yellow	None	>100	62.1	<1	0.3	< 0.93	< 0.85	
	85	Arakawa River	Before the confluence with Abukuma River		2024/4/23	Cloudy	15.0	0.4	14.7	0.0	Light grayish bluish green	None	48	19.7	12	4.9	< 0.89	< 0.72	
					2024/5/9	Sunny	16.5	0.3	16.3	0.0	Light grayish bluish green	None	36	29.3	17	7.4	< 0.56	< 0.47	
					2024/6/4	Cloudy	20.4	0.5	17.6	0.0	Light grayish yellow green	None	27	19.6	18	7.7	< 0.68	< 0.74	
					2024/7/1	Cloudy	27.4	0.3	20.6	0.0	Light grayish bluish green	None	26	35.7	16	6.0	< 0.77	< 0.85	
					2024/8/23	Cloudy	28.5	0.2	24.9	0.0	Light grayish bluish green	None	55	28.9	19	6.6	< 0.94	< 0.82	
					2024/9/24	Sunny	24.1	0.3	19.1	0.0	Light grayish bluish green	None	55	19.1	17	5.7	< 0.74	< 0.81	
					2024/10/24	Sunny	21.5	0.2	19.3	0.0	Light grayish bluish green	None	55	30.7	20	7.1	< 0.65	< 0.56	
					2024/12/13	Sunny	6.3	0.7	8.3	0.0	Light grayish yellow green	None	21	31.4	21	14	< 0.73	< 0.72	
					2025/1/7	Sunny	10.0	0.3	8.1	0.0	Light grayish yellowish green	None	38	25.7	20	13	< 0.72	< 0.88	
					2025/2/10	Light Snow	2.0	0.3	5.5	0.0	Light grayish bluish green	None	44	33.3	15	9.3	< 0.76	< 0.90	
	86	Matsukawa River			2024/4/23	Cloudy	17.9	0.2	12.6	0.0	Light grayish yellow green	None	88	12.4	4	2.1	< 0.43	< 0.63	
					2024/5/9	Sunny	17.8	0.4	16.1	0.0	Light grayish yellow green	None	>100	15.3	2	1.3	< 0.84	< 0.79	
					2024/6/12	Sunny	32.9	0.4	24.6	0.0	Light grayish yellow green	None	>100	18.4	<1	0.6	< 0.68	< 0.72	
					2024/7/1	Cloudy	28.2	0.3	21.2	0.0	Light grayish yellow green	None	>100	23.4	8	1.8	< 0.72	< 0.94	
					2024/8/23	Sunny	30.2	0.3	28.3	0.0	Light grayish yellow green	None	>100	24.0	<1	0.5	< 0.57	< 0.31	
					2024/9/20	Light Rain	24.8	0.3	21.4	0.0	Light grayish yellow green	None	>100	23.8	<1	0.7	< 0.81	< 0.86	
					2024/10/24	Sunny	20.9	0.2	19.7	0.0	Light grayish yellow green	None	>100	19.7	4	1.4	< 0.71	< 0.69	
					2024/12/13	Cloudy	5.7	0.3	6.2	0.0	Light grayish green	None	54	21.1	5	5.6	< 0.65	< 0.56	
					2025/1/7	Sunny	9.0	0.3	8.0	0.0	Light grayish yellow green	None	35	19.9	21	19	< 1.0	< 0.96	
					2025/2/12	Sunny	2.0	0.3	4.1	0.0	Light grayish yellow green	None	>100	22.7	6	5.1	< 0.59	< 0.74	

Fukushima River(Water_Nakadori) 6/7

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water									Remarks
									General items								Activity concentration(Bq/L)	
																	Radioactive cesium	
	No.	Water Area	Location	Municipality					Water temperature (℃)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Rivers	87	Hattanda River	Hattanda Bridge	Fukushima City	2024/5/21	Sunny	20.9	0.2	19.4	0.0	Light grayish yellow green	None	42	17.6	6	1.7	< 0.66	< 0.54	
					2024/6/12	Sunny	32.4	0.3	25.8	0.0	Light grayish yellow green	None	47	22.6	4	2.6	< 0.70	< 0.74	
					2024/8/23	Sunny	30.0	0.2	29.0	0.0	Light grayish yellow green	None	95	25.9	4	1.5	< 0.83	< 0.72	
					2024/10/24	Sunny	20.5	0.3	18.9	0.0	Light grayish yellow green	None	85	20.6	6	2.3	< 0.81	< 0.93	
					2024/11/14	Sunny	13.7	0.3	11.5	0.0	Light grayish yellow	None	>100	25.7	2	0.9	< 0.84	< 0.89	
					2024/12/13	Sunny	7.4	0.3	6.5	0.0	Grayish yellow green	None	20	29.1	11	8.2	< 0.67	< 0.66	
	88	Surikami River	Totsuna Bridge		2024/5/17	Sunny	22.4	0.5	13.7	0.0	Light grayish yellow green	None	>100	5.6	2	1.6	< 0.67	< 0.66	
					2024/6/5	Sunny	26.4	0.4	17.4	0.0	Grayish yellow green	None	81	5.5	6	2.6	< 0.80	< 0.86	
					2024/8/24	Sunny	28.2	0.4	19.2	0.0	Light grayish yellow green	None	>100	5.6	3	0.9	< 0.78	< 0.88	
					2024/10/24	Sunny	19.1	0.3	17.0	0.0	Light grayish yellow green	None	90	6.3	<1	1.0	< 0.73	< 0.65	
					2024/11/14	Sunny	11.4	0.4	12.6	0.0	Grayish yellow green	None	>100	7.1	2	1.0	< 0.75	< 0.81	
					2024/12/13	Cloudy	7.5	0.5	7.2	0.0	Grayish yellow green	None	>100	7.2	<1	1.3	< 0.72	< 0.79	
	89		Before the confluence with Abukuma River		2024/4/23	Cloudy	15.8	0.3	11.6	0.0	Light grayish yellow	None	>100	7.0	<1	0.2	< 0.89	< 0.59	
					2024/5/21	Sunny	21.2	0.2	17.0	0.0	Grayish yellow	None	>100	9.1	5	1.0	< 0.93	< 0.59	
					2024/6/12	Sunny	22.7	0.2	16.9	0.0	Light grayish yellow	None	>100	9.1	<1	0.4	< 0.72	< 0.81	
					2024/7/1	Cloudy	26.5	0.2	18.7	0.0	Light grayish yellow	None	>100	8.7	2	0.5	< 0.71	< 0.76	
					2024/8/23	Sunny	29.8	0.3	24.3	0.0	Light grayish yellow	None	>100	7.0	32	4.7	< 0.62	< 0.92	
					2024/9/20	Light Rain	25.2	0.1	19.5	0.0	Light grayish yellow	None	>100	8.4	2	0.8	< 0.41	< 0.74	
					2024/10/24	Sunny	19.5	0.1	17.7	0.0	Light grayish yellow	None	>100	8.6	2	1.0	< 0.59	< 0.66	
					2024/12/13	Cloudy	5.4	0.2	10.1	0.0	Light grayish yellow	None	>100	9.9	<1	0.2	< 0.75	< 0.70	
					2025/1/7	Sunny	8.0	0.3	6.8	0.0	Light grayish yellow	None	93	10.4	4	2.2	< 0.83	< 0.78	
					2025/2/10	Light Snow	3.0	0.4	4.7	0.0	Light grayish yellow	None	>100	13.6	<1	1.9	< 0.84	< 0.66	
	90	Abukuma River	Taisho Bridge	Date City	2024/4/24	Cloudy	13.0	0.8	13.5	0.0	Grayish yellow green	None	57	15.1	8	4.2	< 0.64	< 0.60	
					2024/5/17	Sunny	22.9	0.8	19.1	0.0	Light grayish yellow	None	20	16.3	14	8.8	< 0.55	< 0.75	
					2024/6/13	Sunny	25.4	0.4	22.3	0.0	Grayish yellow green	None	36	16.1	9	5.4	< 0.75	< 0.72	
					2024/7/2	Cloudy	28.3	0.4	23.1	0.0	Grayish yellow green	None	27	16.1	12	2.3	< 0.75	< 0.75	
					2024/8/24	Sunny	30.1	0.3	26.0	0.0	Grayish yellow green	None	75	16.6	14	3.7	< 0.86	< 0.77	
					2024/9/25	Cloudy	22.2	0.5	21.6	0.0	Grayish yellow green	None	65	15.3	12	6.8	< 0.89	< 0.72	
					2024/10/24	Sunny	18.8	0.3	18.4	0.0	Grayish yellow green	None	90	17.2	4	1.8	< 0.67	< 0.66	
					2024/12/13	Sunny	5.3	0.5	6.3	0.0	Grayish yellow green	None	36	20.0	4	4.5	< 0.91	< 0.59	
					2025/1/7	Sunny	7.0	0.5	6.4	0.0	Grayish reddish yellow	None	55	18.6	12	6.0	< 0.78	< 0.75	
					2025/2/12	Sunny	3.0	0.3	4.9	0.0	Grayish yellow green	None	80	23.9	4	3.7	< 0.95	< 0.72	
	91	Hirose River	Tatenokoshi Bridge	Kawamata Town	2024/5/10	Sunny	28.7	0.2	19.3	0.0	Light grayish greenish yellow	None	49	10.9	6	3.3	< 0.87	< 0.81	
					2024/6/7	Cloudy	21.8	0.2	19.2	0.0	Light grayish greenish yellow	None	>100	10.8	3	1.3	< 0.73	< 0.91	
					2024/8/22	Cloudy	28.8	0.3	23.6	0.0	Light grayish greenish yellow	None	85	11.2	4	1.2	< 0.65	< 0.74	
					2024/10/18	Cloudy	20.8	0.2	17.9	0.0	Light grayish greenish yellow	None	>100	11.0	4	2.7	< 0.56	< 0.56	
					2024/11/9	Sunny	5.5	0.3	7.4	0.0	Light grayish yellow green	None	>100	11.1	3	0.9	< 0.54	< 0.83	
					2024/12/23	Sunny	4.0	0.2	4.9	0.0	Light grayish yellow green	None	40	11.4	9	1.9	< 0.63	< 0.77	
	92		Jizogawara Bridge	Date City	2024/5/21	Sunny	21.1	0.1	20.3	0.0	Light grayish yellow	None	55	13.5	5	2.7	< 0.62	< 0.61	
					2024/6/13	Sunny	31.5	0.2	27.1	0.0	Light grayish yellow	None	57	13.9	3	1.9	< 0.75	< 0.68	
					2024/8/22	Cloudy	28.3	0.2	27.1	0.0	Light grayish yellow	None	>100	15.8	2	0.7	< 0.93	< 0.78	
					2024/10/24	Sunny	17.5	0.2	17.5	0.0	Light grayish yellow	None	>100	14.6	<1	0.7	< 0.84	< 0.76	
					2024/11/14	Sunny	19.1	0.3	10.2	0.0	Light grayish greenish yellow	None	>100	15.0	<1	1.0	< 0.65	< 0.56	
					2024/12/24	Light Snow	2.0	0.4	3.5	0.0	Light grayish yellow green	None	>100	17.4	2	0.5	< 0.65	< 0.84	

Fukushima River(Water_Nakadori) 7/7

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
									General items								Activity concentration(Bq/L)		
																	Radioactive cesium		
	No.	Water Area	Location	Municipality					Water temperature (℃)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Rivers	93	Oguni River	Before the confluence with Hirose River	Date City	2024/4/25	Sunny	20.6	0.5	19.5	0.0	Light grayish greenish yellow	None	68	24.5	5	2.5	< 0.75	< 0.75	
					2024/5/21	Sunny	21.3	0.6	22.4	0.0	Light grayish yellow	None	33	24.8	8	3.6	< 0.89	< 0.69	
					2024/6/13	Sunny	31.6	0.5	30.0	0.0	Grayish yellow	None	47	27.6	5	3.6	< 0.57	< 0.71	
					2024/7/2	Cloudy	29.1	0.3	27.0	0.0	Light grayish yellow	None	35	28.4	7	2.2	< 0.65	< 0.66	
					2024/8/22	Cloudy	28.4	0.4	28.5	0.0	Light grayish yellow	None	84	26.7	4	1.0	< 0.82	< 0.79	
					2024/9/25	Light Rain	21.3	0.2	19.4	0.0	Light grayish yellow	None	85	15.8	10	5.2	< 0.81	< 0.64	
					2024/10/24	Sunny	17.2	0.2	17.5	0.0	Light grayish yellow	None	>100	27.1	3	1.2	< 0.58	< 0.54	
					2024/12/24	Light Snow	3.1	0.6	5.2	0.0	Light grayish greenish yellow	None	12	37.6	32	13	< 0.85	< 0.76	
					2025/1/8	Sunny	6.0	0.2	5.2	0.0	Grayish greenish yellow	None	18	25.7	110	29	< 0.83	< 0.80	
					2025/2/13	Cloudy	3.0	0.2	4.4	0.0	Light grayish yellow	None	>100	26.0	19	2.4	< 0.75	< 0.64	
	94	Hirose River	Before the confluence with Abukuma River		2024/4/24	Cloudy	15.0	0.2	16.2	0.0	Light grayish yellow	None	>100	14.6	2	1.1	< 0.81	< 0.68	
					2024/5/9	Cloudy	18.8	0.4	18.6	0.0	Light grayish yellow	None	28	17.3	15	9.8	< 0.75	< 0.81	
					2024/6/13	Sunny	28.6	0.2	26.2	0.0	Light grayish yellow	None	33	21.9	12	3.7	< 0.80	< 0.88	
					2024/7/2	Sunny	29.4	0.3	27.1	0.0	Light grayish yellow	None	25	20.8	19	4.1	< 0.80	< 0.81	
					2024/8/22	Cloudy	30.3	0.5	27.7	0.0	Light grayish yellow	None	24	14.0	36	6.8	< 0.70	< 0.60	
					2024/9/25	Light Rain	21.1	0.3	19.3	0.0	Grayish yellow	None	45	17.5	17	5.7	< 0.67	< 0.58	
					2024/10/24	Sunny	17.0	0.2	17.1	0.0	Light grayish yellow	None	>100	15.6	4	1.3	< 0.54	< 0.64	
					2024/12/24	Cloudy	0.9	0.2	4.7	0.0	Light grayish yellow green	None	91	20.0	4	1.1	< 0.72	< 0.81	
					2025/1/8	Sunny	4.0	0.6	5.5	0.0	Light grayish yellow	None	52	17.8	5	3.5	< 0.66	< 0.84	
					2025/2/12	Sunny	3.0	0.4	3.9	0.0	Light grayish yellow	None	88	22.6	6	3.4	< 0.90	< 0.94	
	95	Kurokawa River	Prefectural border with Tochigi	Shirakawa City	2024/5/28	Light Rain	17.6	0.6	15.9	0.0	Light grayish yellow green	None	26	8.9	14	2.2	< 0.85	< 0.76	
					2024/6/26	Cloudy	23.6	0.5	21.1	0.0	Light grayish yellow green	None	>100	9.3	3	0.7	< 0.87	< 0.80	
					2024/8/23	Cloudy	25.7	0.5	21.2	0.0	Light grayish yellow green	None	>100	10.1	5	1.3	< 0.73	< 0.89	
					2024/10/25	Sunny	15.8	0.4	16.0	0.0	Light grayish yellow green	None	>100	9.0	4	1.6	< 0.60	< 0.81	
					2024/11/14	Sunny	13.9	0.4	13.4	0.0	Light grayish yellow green	None	>100	9.0	2	1.3	< 0.87	< 0.73	
					2024/12/12	Sunny	4.1	0.4	6.1	0.0	Light grayish yellow green	None	>100	9.3	<1	1.1	< 0.72	< 0.72	
	96	Kujigawa River	Matsuoka Bridge	Tanagura Town	2024/5/14	Sunny	19.7	0.4	15.0	0.0	Light grayish greenish yellow	None	51	10.6	7	4.3	< 0.60	< 0.65	
					2024/6/7	Cloudy	20.5	0.2	22.1	0.0	Light grayish yellow green	None	>100	12.5	6	1.2	< 0.60	< 0.66	
					2024/8/22	Cloudy	29.0	0.2	23.3	0.0	Light grayish yellow green	None	44	12.3	14	1.5	< 0.90	< 0.72	
					2024/10/23	Cloudy	17.1	0.2	17.4	0.0	Light grayish yellow green	None	>100	11.4	2	1.3	< 0.80	< 0.66	
					2024/11/19	Sunny	7.5	0.4	8.6	0.0	Light grayish yellow green	None	>100	12.4	<1	0.8	< 0.88	< 0.85	
					2024/12/12	Sunny	4.6	0.3	5.7	0.0	Light grayish yellow green	None	>100	12.2	<1	0.8	< 0.57	< 0.56	
	97		Takachihara Bridge	Yamatsuri Town	2024/5/14	Sunny	22.1	0.5	17.8	0.0	Light grayish greenish yellow	None	23	8.4	24	9.6	< 0.50	< 0.61	
					2024/6/7	Cloudy	28.7	0.4	21.4	0.0	Grayish yellow green	None	>100	11.0	4	1.4	< 0.78	< 0.81	
					2024/8/22	Cloudy	27.8	0.2	22.7	0.0	Grayish yellow green	None	63	10.2	8	1.9	< 0.44	< 0.66	
					2024/10/23	Cloudy	16.9	0.2	16.3	0.0	Grayish yellow green	None	>100	10.0	4	1.0	< 0.68	< 0.85	
					2024/11/19	Sunny	7.5	0.8	9.6	0.0	Grayish yellow green	None	>100	10.5	<1	0.9	< 0.64	< 0.64	
					2024/12/12	Sunny	4.3	0.7	5.5	0.0	Grayish yellow green	None	>100	10.4	<1	1.0	< 0.79	< 0.68	

Fukushima River(Sediment_Nakadori) 1/6

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																				Remarks
										Sediment																	Activity concentration [Bq/kg(dry)]			
										General items																	Radioactive cesium			
													Grain size distribution(%)									Sediment content (%)	Density (Mg/m^3)	Property				
	No.	Water Area	Location	Municipality					Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Rivers	54	Abukuma River	Habuto Bridge	Nishigo Village	2024/5/28	Light Rain	17.5	0.3	15.9	3	Grayish yellow brown	None	0.0	0.2	21.4	50.8	21.8	1.3	1.7	2.8	77.5	2.64	sand/gravel	< 7.8	17 ± 2.7	17	
					2024/6/26	Cloudy	26.5	0.2	19.2	3	Dark grayish yellow	None	0.0	0.3	40.3	42.2	16.5	0.6	0.0	0.1	89.3	2.66	sand/gravel	< 8.3	15 ± 3.0	15	
					2024/8/23	Cloudy	24.4	0.2	21.0	4	Dark grayish yellow	None	0.0	0.1	32.1	63.5	4.0	0.2	0.0	0.1	92.6	2.65	sand/gravel	< 6.6	16 ± 3.0	16	
					2024/10/25	Sunny	19.8	0.2	15.5	3	Dark brown	None	0.0	9.5	25.2	41.7	23.1	0.4	0.0	0.1	84.2	2.74	gravel/sand	< 5.7	16 ± 2.7	16	
					2024/11/14	Sunny	12.9	0.2	13.4	3	Dark grayish yellow	None	0.0	5.8	36.2	46.6	11.2	0.0	0.1	0.1	83.8	2.71	gravel/sand	< 5.1	13 ± 2.2	13	
					2024/12/12	Sunny	3.0	0.4	3.9	4	Dark brown	None	0.0	0.1	14.8	59.1	25.7	0.2	0.0	0.1	77.2	2.67	sand/gravel	< 6.1	15 ± 3.0	15	
	55		Tamachi-ohashi Bridge	Shirakawa City	2024/4/22	Cloudy	20.8	0.3	15.2	3	Grayish yellow brown	None	0.0	0.3	24.8	40.1	30.0	3.7	0.2	0.9	78.5	2.70	sand/gravel	< 5.6	13 ± 2.3	13	
					2024/5/28	Light Rain	20.2	0.3	16.8	3	Dark grayish yellow	None	0.0	0.1	15.6	50.5	26.2	0.5	2.3	4.8	81.1	2.68	sand/gravel	< 6.8	14 ± 2.6	14	
					2024/6/20	Sunny	23.7	0.2	19.0	3	Grayish yellow brown	None	0.0	3.0	38.6	34.2	19.2	4.0	0.5	0.5	83.3	2.76	gravel/sand	< 6.6	14 ± 2.8	14	
					2024/7/5	Cloudy	24.6	0.1	21.4	3	Dark brown	None	0.0	1.6	32.4	46.9	16.9	1.8	0.1	0.3	89.8	2.72	gravel/sand	< 5.8	11 ± 2.1	11	
					2024/8/23	Cloudy	26.5	0.3	23.1	4	Grayish yellow brown	None	0.0	0.5	39.0	56.6	3.8	0.1	0.0	0.0	90.0	2.67	sand/gravel	< 6.0	9.3 ± 2.2	9.3	
					2024/9/27	Sunny	26.1	0.2	18.9	3	Dark grayish yellow	None	0.0	0.0	0.9	13.3	78.4	5.4	1.0	1.0	74.9	2.73	sand/gravel	< 7.5	18 ± 3.5	18	
					2024/10/25	Sunny	19.5	0.2	17.5	3	Brownish black	None	0.0	4.2	16.8	46.9	30.1	1.7	0.2	0.1	80.2	2.72	sand/gravel	< 5.8	16 ± 2.3	16	
					2024/12/12	Sunny	2.6	0.2	4.6	3	Grayish yellow brown	None	0.0	1.5	47.9	36.5	13.1	0.7	0.2	0.1	84.0	2.71	gravel/sand	< 5.0	13 ± 2.3	13	
					2025/1/10	Sunny	0.6	0.2	3.9	3	Grayish yellow brown	None	0.0	1.1	35.5	43.7	18.5	1.0	0.1	0.1	86.4	2.71	gravel/sand	< 5.4	17 ± 2.4	17	
					2025/2/13	Sunny	3.4	0.2	4.8	3	Grayish yellow brown	None	0.0	0.5	35.8	39.4	22.5	1.1	0.4	0.3	82.7	2.76	gravel/sand	< 9.2	21 ± 3.4	21	
	56	Yanta River	Before the confluence with Abukuma River		2024/5/28	Light Rain	19.4	0.6	17.6	3	Grayish yellow brown	None	0.0	0.1	4.7	23.5	61.2	5.8	1.8	2.9	77.2	2.79	sand/gravel	< 7.8	96 ± 5.9	96	
					2024/6/20	Sunny	25.4	0.4	19.3	3	Dark grayish yellow	None	0.0	0.6	21.1	48.9	28.5	0.5	0.1	0.3	93.3	2.70	sand/gravel	< 6.6	67 ± 5.7	67	
					2024/8/23	Cloudy	28.8	0.4	24.4	4	Dark grayish yellow	Faint seaweed	0.0	0.1	11.9	44.3	41.0	2.3	0.0	0.4	79.1	2.70	sand/gravel	< 6.3	120 ± 6.3	120	
					2024/10/25	Sunny	19.4	0.4	17.5	3	Grayish yellow brown	Faint algae	0.0	8.7	27.3	36.5	26.5	0.9	0.0	0.1	78.7	2.77	sand/gravel	< 6.7	71 ± 5.2	71	
					2024/11/14	Sunny	14.9	0.5	14.2	3	Dark grayish yellow	Faint phytoplankton	0.0	1.2	7.0	30.2	56.7	3.6	0.8	0.5	75.1	2.88	sand/gravel	< 7.3	51 ± 4.7	51	
					2024/12/12	Sunny	3.4	0.6	7.2	4	Grayish yellow brown	None	0.0	0.6	10.2	31.9	52.3	4.1	0.6	0.3	77.5	2.89	sand/gravel	< 8.5	69 ± 6.1	69	
	57	Yashiro River	Yashirogawa Bridge	Tanagura Town	2024/5/20	Light Rain	15.3	0.2	16.9	2	Brownish black	Faint seaweed	0.0	2.3	32.3	15.9	38.3	9.4	1.0	0.8	82.5	2.72	sand/gravel	< 6.3	34 ± 3.5	34	
					2024/6/7	Cloudy	23.5	0.3	20.8	3	Brownish black	Faint algae	0.0	0.9	11.5	23.4	50.2	9.4	2.3	2.3	71.5	2.69	sand/gravel	< 8.1	53 ± 5.1	53	
					2024/8/22	Cloudy	27.3	0.2	24.2	3	Brownish black	None	0.0	0.0	5.4	21.5	51.0	14.7	2.9	4.5	68.9	2.70	sand/gravel	< 6.8	69 ± 5.1	69	
					2024/10/23	Cloudy	17.2	0.3	17.5	3	Brownish black	Faint algae	0.0	0.3	5.2	18.5	63.9	10.5	0.8	0.8	76.0	2.70	sand/gravel	< 5.7	34 ± 4.1	34	
					2024/11/11	Sunny	16.2	0.2	14.2	3	Grayish yellow brown	None	0.0	0.5	23.5	24.2	39.9	10.2	0.9	0.8	79.8	2.80	sand/gravel	< 5.0	27 ± 3.8	27	
					2024/12/12	Sunny	4.6	0.4	5.0	3	Dark grayish yellow	None	0.0	0.5	12.0	26.3	48.3	9.5	2.3	1.1	76.3	2.77	sand/gravel	< 8.0	19 ± 3.3	19	
	58	Kitasu River	Yanagi Bridge	Hirata Village	2024/5/2	Sunny	15.0	0.2	13.0	4	Grayish yellow brown	None	0.0	0.0	35.9	51.9	11.3	0.8	0.0	0.1	82.6	2.68	gravel/sand	< 2.6	5.6 ± 1.3	5.6	
					2024/6/10	Light Rain	16.2	0.2	16.8	3	Grayish yellow brown	None	0.0	0.4	36.9	39.1	19.9	3.0	0.4	0.3	92.2	2.71	sand/gravel	< 4.1	5.2 ± 1.4	5.2	
					2024/8/22	Cloudy	28.0	0.3	22.3	4	Grayish yellow brown	None	0.0	0.0	30.1	51.2	18.4	0.2	0.0	0.1	92.5	2.69	sand/gravel	< 4.3	5.0 ± 1.6	5.0	
					2024/10/23	Cloudy	18.2	0.2	16.0	3	Dark brown	None	0.0	7.0	36.1	29.7	25.2	1.8	0.1	0.1	81.9	2.72	sand/gravel	< 3.9	7.6 ± 1.7	7.6	
					2024/11/20	Sunny	10.3	0.2	7.8	3	Grayish yellow brown	None	0.0	0.1	7.2	29.4	56.5	5.2	1.1	0.5	75.6	2.71	sand/gravel	< 7.1	40 ± 3.5	40	
					2024/12/26	Cloudy	8.8	0.3	4.5	3	Dull yellow brown	None	0.0	0.3	29.9	31.9	34.1	3.1	0.4	0.3	81.0	2.70	sand/gravel	< 3.7	5.3 ± 1.7	5.3	
	59		Nekonaki Bridge	Ishikawa Town	2024/5/20	Light Rain	15.5	0.3	16.4	3	Grayish yellow brown	Faint sewage	0.0	0.1	9.9	16.9	23.5	19.2	7.1	23.3	77.1	2.71	sand/silt	< 6.2	11 ± 2.4	11	
					2024/6/6	Sunny	22.0	0.5	17.8	4	Brownish black	Faint sewage	0.0	0.0	3.1	6.9	9.8	13.7	36.8	29.7	53.9	2.70	sand/silt	< 7.5	71 ± 5.0	71	
					2024/8/23	Sunny	29.4	0.3	26.8	4	Brownish black	Faint sewage	0.0	0.0	0.9	2.8	7.8	30.0	34.4	24.1	44.7	2.69	sand/silt	< 7.9	55 ± 5.2	55	
					2024/10/23	Cloudy	18.0	0.3	17.5	3	Brownish black	Faint sewage	0.0	0.5	7.4	6.7	6.7	26.8	38.1	13.8	56.0	2.73	sand/silt	< 6.8	49 ± 4.3	49	
					2024/11/11	Sunny	16.9	0.2	14.0	3	Olive black	Faint swamp	0.0	0.0	0.0	1.5	3.9	35.0	36.5	23.1	43.7	2.69	silt/sand	< 9.7	86 ± 7.7	86	
					2024/12/26	Cloudy	11.6	0.4	6.5	4	Brownish black	Faint sewage	0.0	0.9	21.0	16.5	24.3	16.1	12.3	8.9	66.0	2.76	sand/silt	< 9.0	16 ± 3.4	16	
	60	Yashiro River	Oji Bridge		2024/5/20	Cloudy	18.8	0.4	19.4	3	Brownish black	Faint swamp	0.0	0.0	1.3	19.5	67.2	10.7	0.7	0.6	75.4	2.75	sand	< 3.7	19 ± 2.0	19	
					2024/6/6	Sunny	22.0	0.3	19.8	3	Brownish black	Faint swamp	0.0	1.2	55.4	35.1	6.3	1.5	0.2	0.3	94.1	2.78	sand/gravel	< 4.0	5.9 ± 1.5	5.9	
					2024/8/23	Cloudy	30.9	0.6	25.8	4	Grayish yellow brown	Faint swamp	0.0	0.0	15.8	57.8	26.1	0.3	0.0	0.0	82.5	2.73	sand/gravel	< 5.3	9.4 ± 2.0	9.4	
					2024/10/23	Cloudy	18.1	0.3	16.9	3	Grayish yellow brown	Faint swamp	0.0	5.5	27.2	40.0	26.6	0.4	0.2	0.1	82.2	2.80	sand/gravel	< 6.5	8.3 ± 2.1	8.3	
					2024/11/11	Sunny	16.1	0.4	13.2	3	Dull yellow brown	None	0.0	0.2	9.6	46.9	40.6	2.0	0.3	0.4	79.1	2.73	gravel/sand	< 6.9	15 ± 2.7	15	
					2024/12/26	Sunny	12.1	0.5	5.7	3	Grayish yellow brown	None	0.0	1.3	28.3	33.6	30.7	4.8	0.7	0.6	82.2	2.81	sand/gravel	< 8.3	10 ± 3.1	10	
	61	Abukuma River	Kawanome Bridge	Tamakawa Village/ Yabuki Town	2024/4/22	Cloudy	23.5	0.3	17.2	3	Grayish yellow brown	None	0.0	0.2	27.0	31.3	33.1	7.5	0.2	0.7	76.2	2.76	sand/gravel	< 6.3	17 ± 2.7	17	
					2024/5/20	Cloudy	19.2	0.4	18.7	3	Brownish black	None	0.0	0.0	0.1	0.3	54.4	41.3	2.6	1.3	68.3	2.71	sand	< 5.9	55 ± 3.9	55	
					2024/6/6	Sunny	24.0	0.4	20.5	3	Dark brown	None	0.0	0.2	17.5	65.5	16.1	0.4	0.2	0.1	84.0	2.68	sand/gravel	< 7.9	15 ± 2.6	15	
					2024/7/5	Sunny	28.8	0.5	25.0	3	Brownish gray	None	0.0	0.0	0.3	2.3	44.0	40.8	4.0	8.6	69.3	2.83	sand/silt	< 8.0	51 ± 5.1	51	
					2024/8/23	Sunny	32.1	0.3	26.3	4	Brownish black	None	0.0	0.0	0.0	0.4	75.1	19.7	2.2	2.6	70.9	2.75	sand	< 8.0	34 ± 3.9	34	
					2024/9/27	Sunny	25.4	0.2	21.2	3	Grayish yellow brown	None	0.0	0.0	0.1	0.7	71.6	23.5	2.7	1.4	71.2	2.76	sand	< 8.4	55 ± 5.2	55	
					2024/10/23	Cloudy	18.5	0.2	18.1	3	Grayish yellow brown	None	0.0	0.0	0.1	0.4	29.6	37.9	18.3	13.7	57.7	2.69	sand	< 5.7	120 ± 6.5	120	
					2024/12/26	Sunny	11.8	0.4	6.3	4	Dull yellow brown	None	0.0	0.1	5.9	12.3	48.4	26.6	3.6	3.1	76.3	2.88	sand/gravel	< 6.9	11 ± 2.4	11	
					2025/1/10	Sunny	1.3	0.2	2.9	3	Dull yellow brown	None	0.0	0.3	9.3	14.7	49.3	22.2	3.5	0.7	74.0	2.87	sand/gravel	< 5.2	14 ± 2.3	14	
					2025/2/13	Light Snow	1.4	0.3	2.7	3	Dull yellow brown	None	0.0	0.2	10.5	24.1	47.3	14.4	2.8	0.7	77.1	2.91	sand/gravel	< 5.3	7.1 ± 1.6	7.1	
	62		Emochi Bridge	Sukagawa City	2024/5/28	Light Rain	18.2	0.3	19.2	2	Dark grayish yellow	Faint fish	0.0	0.7	21.5	35.2	34.2	5.9	1.1	1.4	83.8	2.78	sand/gravel	< 5.6	9.8 ± 2.2	9.8	
					2024/6/17	Cloudy	28.9	0.3	27.8	3	Grayish yellow brown	None	0.0	0.1	17.4	55.6	21.9	3.5	1.0	0.5	89.6	2.68	sand/gravel	< 7.1	14 ± 2.6	14	
					2024/8/24	Cloudy	26.9	0.4	27.6	3	Grayish yellow brown	None	0.0	1.0	21.5	23.0	34.3	16.9	1.4	1.9	84.0	2.83	sand/gravel	< 6.0	15 ± 2.2	15	
					2024/10/17	Sunny	23.0	0.2	18.9	3	Grayish yellow brown	None	0.0	4.4	20.8	47.0	23.7	3.2	0.5	0.4	82.9	2.74	gravel/sand	< 4.8	12 ± 2.1	12	
					2024/11/11	Sunny	16.9	0.4	14.0	3	Grayish yellow brown	None	0.0	0.9	22.8	41.4	29.0	4.7	0.7	0.5	81.3	2.73	gravel/sand	< 5.0	10 ± 2.2	10	
					2024/12/23	Sunny	0.9	0.3	2.9	3	Dull yellow brown	None	0.0	1.7	15.7	58.4	19.5	3.3	0.8	0.6	80.5	2.69	sand/gravel	< 5.2	8.8 ± 1.7	8.8	

Fukushima River(Sediment_Nakadori) 2/6

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																		Remarks
										General items															Activity concentration [Bq/kg(dry)]			
													Grain size distribution(%)								Sediment content (%)	Density (Mg/m^3)	Property	Radioactive cesium			
	No.	Water Area	Location	Municipality					Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Rivers	63	Shakado River	Sukagawa City water intake point	Sukagawa City	2024/5/28	Light Rain	17.8	0.3	18.6	2	Grayish brown	None	0.0	7.1	59.4	25.3	5.4	2.0	0.4	0.4	89.7	2.72	gravel/sand	< 3.6	43 ± 2.7	43	
					2024/6/20	Sunny	30.6	0.4	26.0	3	Grayish yellow brown	None	0.0	0.7	18.5	43.0	36.4	0.8	0.3	0.3	91.3	2.69	sand/gravel	< 7.1	27 ± 4.9	27	
					2024/8/24	Cloudy	30.5	0.4	27.4	3	Brownish black	None	0.0	1.8	20.0	24.9	49.9	3.0	0.1	0.3	81.8	3.16	gravel/sand	< 4.4	25 ± 2.8	25	
					2024/10/17	Sunny	22.0	0.2	19.1	3	Dark brown	None	0.0	4.8	11.4	22.5	58.1	2.8	0.2	0.2	80.2	2.97	sand/gravel	< 6.8	41 ± 3.8	41	
					2024/11/11	Sunny	18.6	0.3	14.2	3	Dark brown	None	0.0	3.5	53.8	37.1	4.5	0.5	0.4	0.2	84.4	2.69	gravel/sand	< 6.5	31 ± 4.2	31	
					2024/12/23	Cloudy	4.4	0.3	4.6	3	Dark brown	None	0.0	7.1	20.4	23.5	46.7	1.9	0.3	0.1	80.0	2.90	sand/gravel	< 8.6	29 ± 4.6	29	
	64		Before the confluence with Abukuma River		2024/4/23	Cloudy	14.0	0.2	15.0	3	Grayish yellow brown	None	0.0	0.1	21.0	19.4	47.0	11.6	0.1	0.8	83.2	2.78	sand/gravel	< 3.6	23 ± 2.2	23	
					2024/5/28	Light Rain	17.6	0.3	18.3	3	Dark brown	None	0.0	1.2	30.2	25.5	36.4	5.1	1.0	0.6	82.9	2.84	sand/gravel	< 3.1	28 ± 2.2	28	
					2024/6/17	Cloudy	29.7	0.2	25.3	4	Grayish yellow brown	None	0.0	0.0	20.2	32.9	42.2	3.6	0.5	0.6	81.8	2.73	sand/gravel	< 4.5	29 ± 3.2	29	
					2024/7/5	Sunny	31.5	0.2	28.4	3	Dark brown	None	0.0	1.5	23.1	16.4	46.3	11.5	0.8	0.4	81.4	2.85	sand/gravel	< 4.5	36 ± 3.5	36	
					2024/8/24	Cloudy	29.1	0.2	27.0	3	Brownish black	None	0.0	0.2	10.0	27.1	55.6	5.4	0.5	1.2	78.1	2.76	sand/gravel	< 6.1	38 ± 4.0	38	
					2024/9/26	Cloudy	22.1	0.2	18.9	3	Brownish black	None	0.0	0.0	5.0	17.2	72.1	5.1	0.3	0.3	77.9	2.74	sand/gravel	< 4.9	32 ± 3.0	32	
					2024/10/17	Sunny	22.1	0.2	19.0	3	Brownish black	None	0.0	11.1	20.7	16.7	41.9	8.5	0.6	0.5	77.7	2.94	sand/gravel	< 6.9	35 ± 3.9	35	
					2024/12/23	Sunny	2.2	0.1	2.1	3	Dark brown	None	0.0	13.2	25.4	21.0	32.6	6.9	0.7	0.2	82.4	2.88	sand/gravel	< 8.6	26 ± 4.7	26	
					2025/1/10	Sunny	1.1	0.1	3.6	3	Brownish black	None	0.0	1.7	26.5	25.9	37.5	7.3	0.8	0.3	80.8	2.86	gravel/sand	< 5.3	26 ± 2.7	26	
					2025/2/13	Sunny	2.8	0.1	3.6	3	Brownish black	None	0.0	0.2	16.1	21.2	43.1	17.3	1.7	0.4	76.1	2.83	sand/gravel	< 7.9	35 ± 3.9	35	
	65	Sasahara River	Shinbashi Bridge	Koriyama City	2024/5/27	Cloudy	19.3	0.4	16.9	3	Grayish yellow brown	None	0.0	2.7	42.4	31.9	14.9	5.6	1.5	1.0	82.8	2.66	sand/gravel	< 4.9	48 ± 3.0	48	
					2024/6/20	Sunny	31.7	0.3	25.6	3	Grayish yellow brown	None	0.0	2.4	38.4	32.6	18.1	7.2	1.0	0.3	84.3	2.69	sand/gravel	< 6.3	62 ± 4.7	62	
					2024/8/23	Sunny	34.1	0.2	28.2	3	Dull yellow brown	None	0.0	1.4	38.8	25.1	26.4	6.9	0.7	0.7	81.2	2.69	sand/gravel	< 6.6	41 ± 3.7	41	
					2024/10/17	Sunny	24.0	0.2	21.1	3	Brown	None	0.0	11.6	30.6	15.8	21.8	16.8	1.6	1.8	75.6	2.70	gravel/sand	< 9.1	78 ± 6.4	78	
					2024/11/11	Sunny	18.9	0.3	13.7	3	Dark brown	Faint fish	0.0	1.1	21.8	29.9	46.0	1.0	0.1	0.1	79.7	2.70	gravel/sand	< 7.1	34 ± 4.3	34	
					2024/12/25	Cloudy	5.6	0.1	4.7	3	Dull yellow brown	None	0.0	9.3	36.3	31.6	16.9	4.6	0.9	0.4	85.0	2.71	gravel/sand	< 8.0	40 ± 4.4	40	
	66	Yatagawa River	Yatagawa Bridge		2024/5/27	Cloudy	20.6	0.2	18.7	3	Grayish yellow brown	None	0.0	0.4	12.3	40.6	40.6	2.3	2.2	1.6	81.5	2.66	sand/gravel	< 4.3	6.4 ± 1.6	6.4	
					2024/6/12	Sunny	28.0	0.2	27.7	3	Grayish yellow brown	Faint algae	0.0	0.0	22.0	35.3	38.7	3.6	0.2	0.2	82.7	2.71	sand/gravel	< 2.6	6.6 ± 1.0	6.6	
					2024/8/23	Sunny	33.8	0.2	27.4	3	Dull yellow brown	None	0.0	0.8	26.6	39.1	31.5	1.8	0.1	0.1	82.6	2.82	sand/gravel	< 5.3	8.3 ± 2.1	8.3	
					2024/10/17	Sunny	25.0	0.2	21.5	3	Brownish black	Faint algae	0.0	2.0	24.2	40.1	26.5	6.5	0.4	0.3	82.2	2.67	sand/gravel	< 3.9	8.1 ± 1.7	8.1	
					2024/11/11	Sunny	19.4	0.1	13.6	3	Dark brown	None	0.0	0.4	29.0	28.5	35.5	5.3	0.8	0.5	81.0	2.81	gravel/sand	< 6.2	8.1 ± 2.0	8.1	
					2024/12/25	Sunny	8.1	0.1	6.6	3	Dull yellow brown	None	0.0	3.1	18.9	21.5	44.7	10.5	0.9	0.4	82.4	2.94	sand/gravel	< 4.4	7.4 ± 1.4	7.4	
	67	Otakine River	Funehiki Bridge	Tamura City	2024/5/2	Sunny	20.5	0.3	18.5	2	Brownish black	Faint fish	0.0	0.1	33.0	44.1	21.3	1.2	0.1	0.2	83.7	2.69	sand/gravel	< 5.0	7.4 ± 1.6	7.4	
					2024/6/5	Sunny	17.0	0.3	11.0	3	Olive brown	None	0.0	0.1	31.8	40.9	25.8	1.0	0.2	0.2	91.8	2.72	sand/gravel	< 5.3	8.2 ± 2.2	8.2	
					2024/8/23	Cloudy	27.3	0.2	21.1	3	Olive brown	None	0.0	0.0	21.3	34.5	43.2	0.9	0.0	0.1	80.6	2.70	sand/gravel	< 4.5	9.9 ± 2.4	9.9	
					2024/10/18	Cloudy	17.5	0.2	17.0	3	Dark brown	None	0.0	0.1	5.6	43.8	49.8	0.5	0.1	0.1	76.1	2.71	sand/gravel	< 8.1	11 ± 2.4	11	
					2024/11/19	Sunny	5.8	0.2	8.8	3	Dull yellow brown	None	0.0	0.5	25.6	36.3	34.0	3.3	0.2	0.1	84.3	2.72	sand/gravel	< 4.8	7.0 ± 1.6	7.0	
					2024/12/12	Sunny	4.1	0.3	5.1	3	Olive brown	None	0.0	2.6	17.5	34.8	38.9	5.2	0.8	0.2	78.8	2.74	sand/gravel	< 8.3	13 ± 3.5	13	
	68		Before the confluence with Abukuma River		2024/5/27	Cloudy	20.7	0.4	15.6	3	Grayish yellow brown	None	0.0	2.6	36.2	22.9	30.3	5.6	1.3	1.1	80.2	2.76	sand/gravel	< 4.3	11 ± 1.6	11	
					2024/6/12	Sunny	23.0	0.3	24.5	4	Grayish yellow brown	None	0.0	0.1	19.3	22.9	36.9	18.8	1.2	0.8	77.0	2.77	sand/gravel	< 6.2	30 ± 3.5	30	
					2024/8/23	Sunny	32.8	0.2	26.6	3	Brownish black	None	0.0	0.2	15.6	31.2	50.1	2.5	0.1	0.3	86.3	2.70	sand/gravel	< 5.9	16 ± 2.4	16	
					2024/10/17	Sunny	25.2	0.2	21.1	3	Olive brown	None	0.0	0.8	24.1	54.4	20.5	0.1	0.0	0.1	79.7	2.66	sand/gravel	< 6.8	9.9 ± 2.1	9.9	
					2024/11/11	Sunny	19.2	0.3	13.2	3	Dull yellow brown	None	0.0	0.6	19.7	23.4	26.9	16.3	7.3	5.8	77.9	2.74	sand/gravel	< 6.9	30 ± 3.9	30	
					2024/12/25	Sunny	9.6	0.2	5.9	3	Olive brown	None	0.0	0.1	3.3	46.3	43.0	6.3	0.6	0.4	77.2	2.68	sand/gravel	< 6.9	9.8 ± 2.9	9.8	
	69	Ouse River	Before the confluence with Babagawa River	Koriyama City	2024/5/27	Cloudy	24.7	0.4	18.5	3	Dark brown	None	0.0	0.7	15.0	28.1	45.2	4.8	2.4	3.8	78.9	2.67	sand/gravel	< 4.9	74 ± 3.9	74	
					2024/6/13	Sunny	30.5	0.3	20.8	3	Brownish black	Faint algae	0.0	1.1	33.0	27.5	33.4	3.4	0.9	0.7	81.7	2.70	sand/gravel	< 4.1	43 ± 4.1	43	
					2024/8/23	Sunny	29.0	0.2	24.1	3	Brownish black	None	0.0	0.0	1.7	19.6	62.9	14.1	0.6	1.1	75.4	2.69	sand/gravel	< 6.5	120 ± 6.2	120	
					2024/10/17	Sunny	25.0	0.2	18.5	3	Brownish black	Faint algae	0.0	11.7	27.1	32.3	28.3	0.5	0.0	0.1	81.4	2.69	sand/gravel	< 8.6	47 ± 4.8	47	
					2024/11/11	Sunny	15.4	0.4	12.9	3	Dark brown	None	0.0	1.1	21.9	20.2	50.8	4.8	0.7	0.5	80.1	2.72	gravel/sand	< 7.7	58 ± 4.8	58	
					2024/12/26	Sunny	3.6	0.4	4.2	4	Dull yellow brown	None	0.0	2.0	23.3	27.3	41.3	4.6	0.8	0.7	78.9	2.72	sand/gravel	< 5.6	61 ± 5.3	61	
	70		Makunouchi Bridge		2024/5/27	Cloudy	23.8	0.2	18.3	3	Brownish gray	None	0.0	1.8	34.4	23.0	30.9	7.6	1.2	1.1	83.6	2.69	sand/gravel	< 4.8	75 ± 5.0	75	
					2024/6/13	Sunny	31.0	0.2	25.4	3	Grayish yellow brown	Faint algae	0.0	0.8	31.9	38.6	24.1	3.3	0.8	0.5	82.1	2.69	sand/gravel	< 5.8	51 ± 4.2	51	
					2024/8/23	Sunny	29.3	0.2	24.5	3	Dull yellow brown	Faint algae	0.0	1.0	30.0	40.8	27.4	0.5	0.1	0.2	85.6	2.67	sand/gravel	< 5.2	66 ± 5.0	66	
					2024/10/17	Sunny	25.8	0.2	21.0	3	Dull yellow brown	None	0.0	13.5	33.7	31.0	20.0	1.5	0.2	0.1	85.5	2.70	gravel/sand	< 5.6	54 ± 4.5	54	
					2024/11/11	Sunny	16.4	0.2	13.1	3	Grayish yellow brown	None	0.0	2.0	36.6	31.7	25.8	3.2	0.3	0.4	82.1	2.72	gravel/sand	< 7.1	63 ± 5.4	63	
					2024/12/25	Sunny	6.4	0.1	5.1	3	Grayish yellow brown	None	0.0	3.7	25.8	30.5	32.2	6.5	0.9	0.4	82.5	2.70	gravel/sand	< 9.0	37 ± 4.4	37	
	71		Before the confluence with Abukuma River		2024/4/23	Cloudy	15.0	0.2	17.0	3	Grayish yellow brown	None	0.0	0.1	15.8	28.6	50.9	4.3	0.1	0.2	79.0	2.65	sand/gravel	< 5.2	59 ± 3.8	59	
					2024/5/21	Sunny	18.4	0.1	19.7	2	Brownish gray	None	0.0	2.6	29.9	24.0	37.9	4.7	0.5	0.4	88.0	2.68	sand/gravel	< 4.4	55 ± 4.3	55	
					2024/6/12	Sunny	24.6	0.2	23.5	4	Grayish yellow brown	None	0.0	0.5	9.8	25.4	61.0	2.7	0.3	0.3	79.1	2.67	sand/gravel	< 7.2	47 ± 4.5	47	
					2024/7/3	Cloudy	24.6	0.1	23.9	3	Grayish yellow brown	None	0.0	0.9	36.8	28.5	30.2	3.0	0.3	0.3	86.9	2.67	sand/gravel	< 3.4	57 ± 3.5	57	
					2024/8/23	Cloudy	28.7	0.1	29.4	3	Grayish yellow brown	None	0.0	0.8	25.2	36.3	29.9	7.4	0.1	0.3	82.2	2.68	sand/gravel	< 5.3	79 ± 5.5	79	
					2024/9/26	Cloudy	22.4	0.1	21.1	3	Grayish yellow brown	None	0.0	0.3	19.5	45.0	34.6	0.4	0.0	0.2	82.1	2.67	sand/gravel	< 6.7	63 ± 4.8	63	
					2024/10/17	Sunny	26.1	0.1	23.5	3	Grayish yellow brown	None	0.0	8.1	21.0	25.6	43.0	2.1	0.1	0.1	80.3	2.70	sand/gravel	< 7.6	55 ± 6.1	55	
					2024/12/25	Sunny	9.2	0.2	10.6	3	Grayish yellow brown	None	0.0	1.6	24.4	49.5	24.3	0.1	0.0	0.1	85.1	2.67	sand/gravel	< 7.5	45 ± 4.8	45	
					2025/1/15	Cloudy	7.0	0.2	11.0	2	Grayish yellow brown	None	0.0	2.7	34.0	34.9	27.6	0.5	0.2	0.1	82.7	2.68	sand/gravel	< 5.6	42 ± 3.7	42	
					2025/2/10	Sunny	2.3	0.2	7.6	3	Dark grayish yellow	None	0.0	0.4	21.3	31.6	44.5	1.9	0.1	0.2	80.4	2.67	gravel/sand	< 7.9	62 ± 5.5	62	

Fukushima River(Sediment_Nakadori) 3/6

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																				Remarks
									Sediment temperature (℃)	General items																Activity concentration [Bq/kg(dry)]			
										Sample length (cm)	Color	Odor	Grain size distribution(%)								Sediment content (%)	Density (Mg/m^3)	Property	Radioactive cesium			
	No.	Water Area	Location	Municipality									Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Rivers	72	Abukuma River	Akutsu Bridge	Koriyama City	2024/4/23	Cloudy	15.0	0.3	15.7	3	Grayish yellow brown	None	0.0	0.1	11.7	21.3	57.0	8.7	0.1	1.1	79.3	2.68	sand/gravel	< 5.2	52 ± 3.6	52	
					2024/5/21	Sunny	21.5	0.4	18.7	2	Grayish yellow brown	None	0.0	2.1	16.8	24.4	41.9	13.5	0.7	0.6	83.6	2.72	sand/gravel	< 4.9	47 ± 4.0	47	
					2024/6/12	Sunny	27.5	0.4	23.2	4	Grayish yellow brown	None	0.0	1.2	30.6	21.3	33.7	12.0	0.7	0.5	82.4	2.77	gravel/sand	< 5.0	45 ± 4.0	45	
					2024/7/3	Cloudy	24.3	0.2	23.4	3	Grayish yellow brown	None	0.0	4.7	42.9	21.3	23.6	6.7	0.3	0.5	86.0	2.80	gravel/sand	< 4.3	47 ± 3.2	47	
					2024/8/23	Cloudy	29.7	0.2	24.9	3	Brownish black	None	0.0	0.1	15.7	28.4	54.9	0.6	0.1	0.2	80.4	2.75	gravel/sand	< 5.4	36 ± 3.5	36	
					2024/9/26	Cloudy	23.4	0.2	19.6	3	Brownish black	None	0.0	0.1	6.1	35.6	57.5	0.7	0.0	0.0	80.9	2.70	sand/gravel	< 6.2	38 ± 3.7	38	
					2024/10/17	Sunny	25.9	0.2	21.0	3	Dark brown	None	0.0	8.0	23.5	28.0	38.0	2.0	0.3	0.2	83.0	2.73	sand/gravel	< 8.8	30 ± 4.9	30	
					2024/12/25	Sunny	8.9	0.3	6.1	3	Dark brown	None	0.0	3.7	18.4	30.7	43.2	3.5	0.3	0.2	79.9	2.72	sand/gravel	< 5.3	37 ± 4.3	37	
					2025/1/15	Cloudy	5.5	0.3	6.0	3	Grayish yellow brown	None	0.0	1.0	21.1	28.9	46.1	2.5	0.3	0.1	81.6	2.73	gravel/sand	< 4.4	42 ± 3.4	42	
					2025/2/10	Sunny	3.7	0.3	3.6	3	Grayish yellow brown	None	0.0	0.6	22.7	24.5	44.1	7.1	0.5	0.5	79.3	2.81	gravel/sand	< 6.5	41 ± 4.4	41	
	73	Gohyaku River	After the confluence with Ishimushiro River		2024/5/20	Sunny	22.8	0.2	15.4	3	Olive brown	None	0.0	0.0	11.3	58.3	25.7	3.3	1.0	0.4	79.2	2.65	sand/gravel	< 4.6	28 ± 2.4	28	
					2024/6/5	Sunny	18.0	0.3	14.8	3	Brownish black	None	0.0	0.2	19.3	26.6	46.3	5.5	1.2	0.9	77.3	2.71	sand/gravel	< 7.0	23 ± 3.2	23	
					2024/8/22	Cloudy	29.5	0.3	23.6	3	Olive brown	None	0.0	0.1	10.9	39.7	42.5	4.3	1.0	1.5	73.9	2.69	sand/gravel	< 5.6	28 ± 3.4	28	
					2024/10/18	Light Rain	17.5	0.3	17.3	3	Olive brown	None	0.0	3.0	19.0	36.3	36.2	4.3	0.7	0.5	73.7	2.69	sand/gravel	< 7.0	29 ± 4.4	29	
					2024/11/9	Sunny	11.7	0.2	8.8	3	Brown	None	0.0	1.9	41.6	36.8	18.1	1.3	0.2	0.1	79.0	2.74	gravel/sand	< 7.1	16 ± 3.2	16	
					2024/12/25	Sunny	5.2	0.3	4.0	4	Dull yellow brown	None	0.0	0.1	18.5	57.6	23.3	0.4	0.0	0.1	77.4	2.69	gravel/sand	< 6.1	20 ± 3.4	20	
	74		Kamisekishita Bridge	Motomiya City	2024/5/20	Sunny	23.2	0.5	18.2	3	Yellowish gray	Faint sewage	0.0	0.1	16.0	15.3	31.8	32.4	3.2	1.2	74.0	2.67	sand/gravel	< 4.8	170 ± 6.1	170	
					2024/6/5	Sunny	23.0	0.4	18.8	3	Grayish olive	Faint sewage	0.0	0.0	5.3	9.8	33.9	33.7	7.0	10.3	72.0	2.69	sand/gravel	< 7.7	130 ± 7.7	130	
					2024/8/22	Cloudy	29.0	0.2	28.8	3	Brownish black	Faint sewage	0.0	0.2	14.2	24.2	40.7	16.2	1.5	3.0	74.1	2.73	sand/gravel	< 6.7	110 ± 6.4	110	
					2024/10/18	Cloudy	17.5	0.2	17.0	3	Dark grayish yellow	Faint sewage	0.0	1.8	15.5	16.7	30.2	27.9	4.4	3.5	75.6	2.74	sand/gravel	< 8.2	130 ± 8.8	130	
					2024/11/9	Sunny	6.7	0.4	7.4	3	Dark grayish yellow	Faint sewage	0.0	0.4	23.9	28.3	28.3	9.2	6.1	3.8	67.6	2.71	sand/gravel	< 6.6	120 ± 7.5	120	
					2024/12/25	Sunny	3.6	0.6	3.0	2	Gray	Faint sewage	0.0	1.7	36.2	25.2	24.9	9.1	1.5	1.4	77.1	2.71	gravel/sand	< 8.6	100 ± 7.5	100	
	75		Before the confluence with Abukuma River		2024/4/24	Light Rain	15.4	0.4	14.3	3	Grayish yellow brown	None	0.0	0.2	28.9	24.2	41.9	4.3	0.1	0.4	83.0	2.67	sand/gravel	< 3.3	15 ± 1.7	15	
					2024/5/20	Sunny	25.2	0.5	18.6	3	Olive brown	None	0.0	0.1	10.9	28.9	46.9	11.5	1.0	0.7	78.2	2.67	gravel/sand	< 4.7	29 ± 2.5	29	
					2024/6/5	Sunny	23.0	0.3	19.5	3	Grayish yellow brown	None	0.0	0.2	26.8	26.6	34.6	9.9	1.1	0.8	83.0	2.68	sand/gravel	< 5.0	28 ± 3.5	28	
					2024/7/4	Sunny	26.4	0.4	22.0	3	Brownish gray	None	0.0	0.1	2.8	19.4	48.9	25.5	2.5	0.8	75.4	2.67	sand/gravel	< 7.4	97 ± 6.5	97	
					2024/8/22	Cloudy	28.2	0.2	27.0	3	Dark grayish yellow	None	0.0	0.0	3.4	24.6	62.2	7.9	0.9	1.0	79.9	2.73	sand/gravel	< 8.3	220 ± 8.2	220	
					2024/9/26	Sunny	25.8	0.2	21.6	3	Olive brown	None	0.0	0.0	0.1	1.1	57.5	34.8	3.1	3.4	72.7	2.69	sand/gravel	< 7.4	76 ± 6.1	76	
					2024/10/18	Light Rain	17.8	0.2	18.0	3	Grayish yellow brown	None	0.0	4.6	19.5	36.5	37.1	1.8	0.3	0.2	79.7	2.72	sand/gravel	< 7.1	38 ± 4.8	38	
					2024/12/26	Sunny	4.8	0.2	4.0	4	Grayish yellow brown	None	0.0	0.1	16.2	69.3	13.6	0.3	0.2	0.3	79.1	2.67	sand/gravel	< 6.4	17 ± 3.4	17	
					2025/1/29	Cloudy	4.8	0.3	4.0	4	Grayish yellow brown	None	0.0	0.1	4.2	53.7	40.5	0.6	0.7	0.2	75.3	2.66	sand/gravel	< 6.5	29 ± 3.5	29	
					2025/2/13	Cloudy	3.5	0.2	4.0	3	Grayish yellow brown	None	0.0	0.3	17.1	18.9	38.9	22.2	1.9	0.7	76.6	2.70	sand/gravel	< 7.1	37 ± 4.5	37	
	76	Abukuma River	Takada Bridge	Nihonmatsu City	2024/4/24	Light Rain	11.0	0.7	15.2	4	Brownish black	Faint sewage	0.0	0.0	1.5	13.2	38.6	27.5	10.8	8.4	68.8	2.67	sand/silt	< 4.8	140 ± 6.0	140	
					2024/5/20	Sunny	25.1	1.1	19.1	4	Dark grayish yellow	Faint sewage	0.0	0.0	0.3	0.5	23.9	49.8	8.7	16.8	65.3	2.67	sand	< 8.1	150 ± 8.6	150	
					2024/6/4	Cloudy	17.0	0.6	17.2	3	Brownish black	Faint sewage	0.0	0.0	0.0	0.1	18.1	51.9	15.1	14.8	62.5	2.69	sand/silt	< 8.8	270 ± 11	270	
					2024/7/4	Sunny	32.3	0.6	24.0	3	Brownish gray	Faint sewage	0.0	0.0	0.0	0.7	23.8	58.8	9.8	6.9	65.2	2.71	sand/silt	< 5.6	240 ± 8.1	240	
					2024/8/23	Cloudy	30.9	0.6	26.1	4	Brownish black	Faint sewage	0.0	0.0	0.2	0.3	48.9	45.2	2.6	2.8	69.8	2.76	sand/silt	< 8.7	140 ± 7.6	140	
					2024/9/26	Sunny	26.8	0.3	20.6	3	Olive brown	Faint sewage	0.0	0.0	0.1	0.1	26.1	65.0	4.2	4.5	67.6	2.73	sand	< 5.4	200 ± 7.1	200	
					2024/10/18	Cloudy	20.2	0.3	19.2	3	Brownish black	Faint sewage	0.0	0.0	0.0	0.1	16.4	60.0	11.9	11.6	62.4	2.73	sand	< 7.3	220 ± 8.5	220	
					2024/12/23	Sunny	2.6	1.2	2.0	3	Dark grayish yellow	None	0.0	0.0	0.6	1.3	57.6	32.5	5.6	2.4	66.0	2.72	sand	< 6.4	140 ± 7.2	140	
					2025/1/29	Cloudy	4.0	1.4	3.5	5	Dark grayish yellow	None	0.0	0.0	1.5	7.7	51.4	33.4	3.6	2.4	68.4	2.70	sand/silt	< 9.2	170 ± 9.4	170	
					2025/2/13	Cloudy	4.0	0.3	3.5	4	Brownish black	Faint sewage	0.0	0.0	0.5	0.6	19.7	47.9	16.8	14.5	54.3	2.70	sand/silt	< 9.5	260 ± 12	260	
	77	Kuchibuto River	Kuchibutogawa Bridge		2024/5/10	Sunny	17.8	0.2	10.4	3	Grayish yellow brown	Faint sewage	0.0	0.1	11.2	49.8	33.0	4.4	1.0	0.5	77.1	2.73	sand/gravel	< 5.2	51 ± 4.2	51	
					2024/6/19	Sunny	27.2	0.3	18.4	3	Grayish yellow brown	None	0.0	0.3	15.7	40.7	39.1	3.4	0.5	0.3	78.8	2.75	sand/gravel	< 5.8	42 ± 3.4	42	
					2024/8/23	Cloudy	27.1	0.3	20.7	4	Grayish yellow brown	None	0.0	0.3	28.6	34.3	33.0	3.2	0.2	0.4	78.1	2.79	sand/gravel	< 4.9	42 ± 4.1	42	
					2024/10/18	Cloudy	18.1	0.3	16.5	3	Grayish yellow brown	None	0.0	2.8	22.1	31.5	39.5	3.6	0.3	0.2	78.7	2.78	sand/gravel	< 6.2	37 ± 4.3	37	
					2024/11/19	Sunny	7.2	0.3	7.3	3	Grayish yellow brown	None	0.0	0.0	2.8	22.7	65.6	8.2	0.4	0.3	75.7	2.75	sand/gravel	< 5.8	64 ± 4.9	64	
					2024/12/23	Sunny	3.8	0.4	1.0	4	Dull yellow brown	None	0.0	0.0	21.7	53.9	23.5	0.7	0.1	0.1	78.5	2.75	gravel/sand	< 7.8	42 ± 4.2	42	
	78	Utsushi River	Osegawa Bridge		2024/4/24	Light Rain	15.0	0.4	14.0	4	Dark grayish yellow	None	0.0	0.0	0.2	7.2	80.0	12.2	0.1	0.3	75.5	2.71	sand	< 4.3	32 ± 2.7	32	
					2024/5/20	Sunny	25.5	0.5	18.6	3	Dull yellow brown	None	0.0	0.1	7.1	20.1	58.3	13.5	0.3	0.6	76.7	2.72	sand/gravel	< 7.1	33 ± 3.7	33	
					2024/6/4	Cloudy	28.0	0.4	17.2	3	Dark grayish yellow	None	0.0	0.0	0.0	0.4	58.4	39.5	0.9	0.8	71.4	2.75	sand	< 6.8	34 ± 4.6	34	
					2024/7/4	Sunny	31.6	0.4	21.9	3	Yellowish gray	None	0.0	0.0	0.0	0.4	54.6	43.6	0.9	0.5	71.8	2.73	sand	< 4.5	33 ± 2.6	33	
					2024/8/23	Cloudy	30.9	0.3	23.9	3	Dark grayish yellow	None	0.0	0.0	13.3	58.3	27.8	0.4	0.0	0.2	81.9	2.70	sand	< 9.2	16 ± 3.3	16	
					2024/9/26	Sunny	27.5	0.3	20.1	3	Dark grayish yellow	None	0.0	0.0	7.9	62.2	29.3	0.5	0.0	0.1	80.2	2.71	sand	< 4.4	20 ± 2.1	20	
					2024/10/18	Cloudy	20.1	0.3	19.1	3	Dark grayish yellow	None	0.0	0.5	5.7	17.0	63.3	12.7	0.5	0.3	74.2	2.77	sand/gravel	< 10	34 ± 5.2	34	
					2024/12/23	Sunny	0.6	0.5	1.8	3	Dull yellow brown	None	0.0	1.3	55.5	36.8	6.1	0.3	0.0	0.0	92.9	2.72	gravel/sand	< 5.8	7.4 ± 1.8	7.4	
					2025/1/29	Cloudy	4.0	0.5	2.2	4	Dull yellow brown	None	0.0	3.8	44.3	37.4	13.6	0.7	0.1	0.1	83.2	2.76	gravel/sand	< 6.6	13 ± 2.7	13	
					2025/2/12	Sunny	4.0	0.3	1.2	4	Grayish yellow brown	None	0.0	0.0	28.7	60.0	10.9	0.4	0.0	0.0	80.4	2.72	sand/gravel	< 5.6	16 ± 2.8	16	
	79	Mizuhara River	Getouchi Bridge	Fukushima City	2024/5/14	Sunny	21.3	0.2	16.9	2	Dark brown	None	0.0	0.8	11.6	16.0	57.1	13.8	0.4	0.3	81.0	3.00	sand/gravel	< 5.5	45 ± 3.9	45	
					2024/6/4	Cloudy	23.0	0.3	16.4	3	Dark brown	Faint swamp	0.0	0.0	4.8	25.2	60.4	8.7	0.8	0.1	78.7	2.89	sand/gravel	< 6.7	39 ± 4.5	39	
					2024/8/23	Cloudy	33.0	0.2	27.7	4	Dark brown	None	0.0	0.1	4.9	37.3	52.9	4.2	0.2	0.4	78.4	2.99	sand/gravel	< 5.7	46 ± 3.8	46	
					2024/10/23	Light Rain	20.5	0.2	18.5	3	Dark brown	Faint swamp	0.0	2.7	17.7	22.4	47.6	8.5	0.6	0.5	79.9	2.97	sand/gravel	< 3.3	46 ± 2.9	46	
					2024/11/9	Sunny	7.6	0.3	6.9	3	Brownish black	None	0.0	0.1	15.6	10.3	55.8	14.1	2.5	1.6	71.9	2.84	sand/gravel	< 8.2	88 ± 6.4	88	
					2024/12/23	Sunny	3.8	0.3	1.8	4	Dark brown	None	0.0	0.3	11.0	14.0	62.0	7.6	2.4	2.7	68.2	2.79	sand/gravel	< 9.0	140 ± 8.2	140	

Fukushima River(Sediment_Nakadori) 4/6

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																				Remarks
									Sediment temperature (℃)	General items																Activity concentration [Bq/kg(dry)]			
										Sample length (cm)	Color	Odor	Grain size distribution(%)								Sediment content (%)	Density (Mg/m^3)	Property	Radioactive cesium			
	No.	Water Area	Location	Municipality									Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Rivers	80	Megami River	Tsurumaki Bridge	Fukushima City	2024/5/14	Sunny	25.5	0.2	19.1	3	Grayish yellow brown	None	0.0	1.2	32.8	42.6	22.1	1.0	0.2	0.1	82.7	2.73	sand/gravel	< 5.1	29 ± 3.6	29	
					2024/6/4	Sunny	24.0	0.2	18.4	3	Dull yellow brown	None	0.0	0.4	34.0	40.1	24.1	1.1	0.2	0.1	91.8	2.72	sand/gravel	< 6.0	30 ± 3.5	30	
					2024/8/22	Cloudy	28.3	0.2	26.9	4	Dull yellow brown	None	0.0	0.8	32.1	38.3	26.9	1.5	0.1	0.3	82.3	2.79	sand/gravel	< 4.4	29 ± 2.6	29	
					2024/10/23	Light Rain	20.9	0.1	18.9	3	Dull yellow brown	None	0.0	0.7	20.2	49.4	26.5	2.7	0.3	0.2	79.1	2.73	sand/gravel	< 4.2	70 ± 4.2	70	
					2024/11/9	Sunny	8.8	0.3	6.4	5	Dull yellow brown	None	0.0	0.3	29.6	42.5	26.8	0.7	0.0	0.1	81.4	2.73	gravel/sand	< 6.5	32 ± 3.9	32	
					2024/12/23	Sunny	3.2	0.3	1.0	5	Dull yellow brown	None	0.0	0.5	36.3	47.5	15.1	0.4	0.1	0.1	82.2	2.72	gravel/sand	< 7.6	26 ± 3.5	26	
	81	Abukuma River	Horai Bridge		2024/4/23	Cloudy	15.7	0.5	15.3	4	Dark grayish yellow	None	0.0	0.5	3.2	7.8	77.7	9.6	0.6	0.6	74.8	2.79	sand	< 4.7	110 ± 5.4	110	
					2024/5/9	Cloudy	13.2	0.4	16.5	2	Dark grayish yellow	Faint fish	0.0	0.8	15.3	12.4	55.4	13.8	0.9	1.4	74.6	2.75	sand/gravel	< 7.4	120 ± 7.1	120	
					2024/6/4	Cloudy	18.3	0.4	18.4	3	Dark grayish yellow	None	0.0	0.1	6.2	5.8	64.6	20.3	1.7	1.3	73.5	2.78	sand/gravel	< 7.0	100 ± 6.7	100	
					2024/7/1	Cloudy	28.2	0.4	24.6	3	Dark grayish yellow	None	0.0	0.3	15.1	12.9	52.7	13.9	2.7	2.4	80.3	2.77	sand/gravel	< 5.3	69 ± 4.4	69	
					2024/8/22	Sunny	28.9	0.4	27.1	3	Dark grayish yellow	None	0.0	0.0	0.6	15.3	65.4	13.9	2.1	2.7	69.7	2.73	sand	< 8.6	200 ± 7.1	200	
					2024/9/24	Sunny	24.9	0.5	21.4	3	Dark grayish yellow	None	0.0	0.0	1.3	3.8	41.6	47.8	2.7	2.8	68.2	2.76	sand	< 6.1	190 ± 7.9	190	
					2024/10/24	Sunny	21.2	0.4	18.5	3	Dark grayish yellow	None	0.0	0.2	1.4	1.3	46.7	46.4	2.4	1.6	70.7	2.78	sand	< 7.2	140 ± 7.6	140	
					2024/12/13	Sunny	9.6	0.2	6.0	3	Brownish black	None	0.0	0.2	9.1	9.9	44.6	28.9	5.5	1.8	69.1	2.78	sand/gravel	< 7.4	180 ± 9.3	180	
					2025/1/29	Light Snow	1.0	0.2	4.0	3	Grayish yellow brown	None	0.0	2.8	20.8	15.7	44.4	14.8	1.0	0.5	80.2	2.79	sand/gravel	< 7.9	59 ± 5.5	59	
					2025/2/12	Cloudy	3.0	0.5	3.0	3	Dark grayish yellow	None	0.0	0.0	8.1	11.6	58.7	19.3	1.6	0.7	74.3	2.79	sand	< 7.7	99 ± 7.2	99	
	82	Nigori River	Before the confluence with Omori River		2024/5/9	Cloudy	14.0	0.2	16.1	3	Grayish yellow brown	Faint sewage	0.0	0.5	20.1	33.7	37.0	7.9	0.7	0.1	77.9	2.73	sand/gravel	< 5.5	30 ± 3.4	30	
					2024/6/4	Cloudy	18.6	0.4	16.1	3	Yellowish gray	None	0.0	0.4	27.5	28.8	34.7	8.4	0.1	0.1	91.3	2.72	sand/gravel	< 7.1	13 ± 2.7	13	
					2024/8/23	Cloudy	28.3	0.2	25.6	3	Brownish black	None	0.0	0.1	26.6	28.6	38.8	5.5	0.1	0.3	79.2	2.72	sand/gravel	< 5.9	34 ± 3.5	34	
					2024/10/23	Sunny	22.0	0.2	18.5	3	Dull yellow brown	None	0.0	13.2	32.5	22.3	14.4	9.2	3.4	5.0	83.6	2.76	sand/gravel	< 4.0	33 ± 2.6	33	
					2024/11/14	Sunny	11.4	0.2	10.4	3	Grayish yellow brown	None	0.0	0.3	21.4	27.1	48.5	2.1	0.3	0.3	77.4	2.70	gravel/sand	< 5.3	35 ± 3.6	35	
					2024/12/13	Sunny	7.5	0.2	7.0	3	Dark grayish yellow	None	0.0	1.5	30.9	42.7	23.9	0.4	0.5	0.1	82.0	2.71	gravel/sand	< 9.6	63 ± 6.4	63	
	83	Arakawa River	Hinokura Bridge		2024/5/17	Sunny	22.5	0.4	14.8	3	Dark brown	Faint swamp	0.0	1.2	34.5	35.0	26.5	2.2	0.2	0.4	78.5	2.75	gravel/sand	< 5.8	7.5 ± 1.8	7.5	
					2024/6/4	Cloudy	18.8	0.4	16.1	3	Dark brown	None	0.0	0.5	29.4	32.8	33.4	3.3	0.3	0.3	80.6	2.81	sand/gravel	< 4.0	6.5 ± 1.2	6.5	
					2024/8/22	Cloudy	28.2	0.2	26.4	3	Dull yellow brown	None	0.0	1.1	28.3	34.9	32.5	2.3	0.3	0.6	87.3	2.77	gravel/sand	< 5.5	9.6 ± 2.1	9.6	
					2024/10/24	Sunny	20.5	0.2	18.5	3	Dark brown	None	0.0	3.4	17.2	24.1	49.7	5.0	0.2	0.4	78.6	2.80	sand/gravel	< 6.8	5.6 ± 1.5	5.6	
					2024/11/11	Sunny	18.6	0.3	15.9	3	Grayish yellow brown	None	0.0	0.9	22.3	35.3	37.8	3.4	0.1	0.2	88.1	2.73	sand/gravel	< 6.2	8.3 ± 2.5	8.3	
					2024/12/13	Sunny	4.6	0.5	4.2	4	Dark brown	None	0.0	2.2	36.6	32.1	27.0	1.8	0.2	0.1	81.0	2.74	gravel/sand	< 3.8	6.9 ± 1.4	6.9	
	84	Sukawa River	Sukawa Bridge		2024/5/7	Cloudy	20.3	0.4	16.0	4	Dark brown	None	0.0	1.2	47.1	33.9	16.8	1.0	0.0	0.0	84.6	2.75	gravel/sand	< 3.5	4.5 ± 1.1	4.5	
					2024/6/4	Cloudy	19.8	0.4	15.5	3	Brown	None	0.0	0.1	4.5	17.0	40.9	21.1	9.2	7.2	66.8	2.67	sand/silt	< 7.9	47 ± 5.0	47	
					2024/8/22	Cloudy	28.4	0.3	23.7	3	Brown	None	0.0	0.3	22.2	43.9	26.9	4.1	1.0	1.6	73.9	2.73	gravel/sand	< 6.6	17 ± 3.1	17	
					2024/10/24	Sunny	21.0	0.3	18.3	3	Dark brown	None	0.0	4.3	25.8	42.8	22.6	3.7	0.4	0.4	72.9	2.72	sand/gravel	< 7.8	21 ± 3.4	21	
					2024/11/11	Sunny	18.3	0.3	14.8	3	Brown	None	0.0	1.5	38.2	40.7	17.2	1.9	0.3	0.2	76.7	2.72	sand/gravel	< 8.7	14 ± 3.1	14	
					2024/12/13	Sunny	5.6	0.2	4.9	4	Dark brown	None	0.0	7.0	57.5	27.7	6.8	0.6	0.3	0.1	81.6	2.70	gravel/sand	< 4.3	6.4 ± 1.5	6.4	
	85	Arakawa River	Before the confluence with Abukuma River		2024/4/23	Cloudy	15.0	0.4	14.4	4	Brownish black	None	0.0	0.0	0.8	6.6	85.1	5.5	0.8	1.2	71.1	2.65	sand/gravel	< 5.9	75 ± 4.4	75	
					2024/5/9	Sunny	16.5	0.3	15.7	3	Brownish black	None	0.0	2.2	40.5	27.6	26.7	2.8	0.1	0.1	86.5	2.78	sand/gravel	< 7.5	15 ± 2.7	15	
					2024/6/4	Cloudy	20.4	0.5	16.9	3	Brownish black	None	0.0	2.1	45.4	35.3	16.1	1.0	0.0	0.1	93.6	2.74	sand/gravel	< 7.5	19 ± 2.9	19	
					2024/7/1	Cloudy	27.4	0.3	20.2	3	Brownish black	None	0.0	0.7	11.8	17.2	56.2	13.1	0.6	0.4	76.6	2.73	sand/gravel	< 4.5	39 ± 3.2	39	
					2024/8/23	Cloudy	28.5	0.2	22.0	3	Brownish black	None	0.0	0.6	23.1	30.7	41.4	3.7	0.2	0.3	81.5	2.79	sand/gravel	< 5.9	19 ± 3.2	19	
					2024/9/24	Sunny	24.1	0.3	18.4	3	Brownish black	None	0.0	0.2	6.2	21.1	59.4	12.6	0.3	0.2	77.4	2.96	sand/gravel	< 5.9	29 ± 3.4	29	
					2024/10/24	Sunny	21.5	0.2	18.9	3	Brownish black	None	0.0	25.4	59.6	12.7	2.1	0.2	0.0	0.0	94.4	2.68	gravel/sand	< 5.0	14 ± 2.5	14	
					2024/12/13	Sunny	6.3	0.7	7.2	4	Dark brown	None	0.0	1.9	37.8	34.2	23.1	2.7	0.2	0.1	80.2	2.75	gravel/sand	< 5.9	21 ± 2.9	21	
					2025/1/7	Sunny	10.0	0.3	8.0	3	Brownish black	None	0.0	3.7	50.8	32.5	11.9	0.8	0.2	0.1	81.9	2.72	gravel/sand	< 8.1	19 ± 3.5	19	
					2025/2/10	Light Snow	2.0	0.3	4.0	4	Brownish black	None	0.0	0.5	49.8	34.7	14.0	1.0	0.0	0.0	84.9	2.71	gravel/sand	< 6.2	22 ± 3.4	22	
	86	Matsukawa River			2024/4/23	Cloudy	17.9	0.2	13.4	2	Dull yellow brown	None	0.0	0.5	34.8	26.7	30.8	6.2	0.2	0.8	80.6	2.69	sand/gravel	< 4.2	30 ± 2.5	30	
					2024/5/9	Sunny	17.8	0.4	15.9	2	Grayish yellow brown	None	0.0	3.0	52.1	34.6	9.4	0.8	0.0	0.1	83.2	2.65	sand/gravel	< 6.3	23 ± 3.1	23	
					2024/6/12	Sunny	32.9	0.4	19.7	3	Dull yellow brown	None	0.0	1.9	36.7	36.6	22.8	1.7	0.1	0.2	89.3	2.69	sand/gravel	< 6.8	70 ± 5.0	70	
					2024/7/1	Cloudy	28.2	0.3	18.0	3	Grayish yellow brown	None	0.0	0.9	30.2	32.6	33.5	2.3	0.2	0.3	80.1	2.68	sand/gravel	< 5.7	88 ± 4.9	88	
					2024/8/23	Sunny	30.2	0.3	27.6	4	Grayish yellow brown	None	0.0	1.7	38.0	32.8	25.3	1.6	0.3	0.3	86.3	2.70	sand/gravel	< 6.8	28 ± 3.8	28	
					2024/9/20	Light Rain	24.8	0.3	23.2	3	Dull yellow brown	None	0.0	0.4	31.2	46.0	22.2	0.1	0.0	0.1	81.9	2.69	sand/gravel	< 8.3	280 ± 11	280	
					2024/10/24	Sunny	20.9	0.2	18.7	3	Dark brown	None	0.0	1.0	24.7	56.6	17.4	0.2	0.0	0.1	81.5	2.67	sand/gravel	< 6.2	280 ± 11	280	
					2024/12/13	Cloudy	5.7	0.3	7.5	4	Brown	None	0.0	2.0	32.9	40.9	22.7	1.2	0.2	0.1	81.2	2.68	gravel/sand	< 6.1	37 ± 3.7	37	
					2025/1/7	Sunny	9.0	0.3	8.0	3	Grayish yellow brown	None	0.0	4.0	34.1	32.7	25.4	3.1	0.3	0.4	79.6	2.70	sand/gravel	< 7.0	19 ± 3.2	19	
					2025/2/12	Sunny	2.0	0.3	4.6	3	Dull yellow brown	None	0.0	1.3	28.1	32.4	32.6	4.5	0.7	0.4	77.9	2.75	sand/gravel	< 5.8	29 ± 3.4	29	
	87	Hattanda River	Hattanda Bridge		2024/5/21	Sunny	20.9	0.2	18.1	3	Dull yellow brown	None	0.0	4.6	48.5	35.2	11.1	0.5	0.0	0.1	92.7	2.66	sand/gravel	< 6.4	120 ± 6.8	120	
					2024/6/12	Sunny	32.4	0.3	25.0	3	Brown	None	0.0	4.4	51.4	36.5	7.5	0.1	0.0	0.1	94.4	2.68	sand/gravel	< 6.3	100 ± 6.4	100	
					2024/8/23	Sunny	30.0	0.2	28.8	4	Brown	None	0.0	1.9	30.8	33.8	30.5	2.5	0.2	0.3	83.0	2.71	sand/gravel	< 6.4	130 ± 5.9	130	
					2024/10/24	Sunny	20.5	0.3	18.5	3	Dark brown	None	0.0	11.4	34.2	41.7	12.5	0.2	0.0	0.0	83.5	2.67	sand/gravel	< 5.8	110 ± 6.6	110	
					2024/11/14	Sunny	13.7	0.3	11.2	3	Dark brown	None	0.0	0.0	17.2	32.7	46.0	3.4	0.4	0.3	77.5	2.70	gravel/sand	< 6.0	250 ± 10	250	
					2024/12/13	Sunny	7.4	0.3	5.8	3	Dark brown	None	0.0	1.8	31.6	44.0	21.7	0.5	0.3	0.1	79.4	2.68	gravel/sand	< 7.4	190 ± 8.7	190	

Fukushima River(Sediment_Nakadori) 5/6

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																		Remarks
										General items															Activity concentration [Bq/kg(dry)]			
													Grain size distribution(%)								Sediment content (%)	Density (Mg/m^3)	Property	Radioactive cesium			
	No.	Water Area	Location	Municipality					Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Rivers	88	Surikami River	Totsuna Bridge	Fukushima City	2024/5/17	Sunny	22.4	0.5	13.4	4	Dark grayish yellow	Faint ditch	0.0	0.0	0.0	0.7	33.8	37.5	10.3	17.7	55.8	2.44	sand/silt	< 9.0	150 ± 9.8	150	
					2024/6/5	Sunny	26.4	0.4	15.1	3	Gray	Faint sewage	0.0	0.0	0.2	0.6	20.0	38.4	22.3	18.5	42.7	2.44	sand/silt	< 9.0	240 ± 11	240	
					2024/8/24	Sunny	28.2	0.4	17.7	4	Dull yellow brown	Faint sewage	0.0	0.2	14.3	27.1	52.0	5.1	0.5	0.8	73.4	2.59	sand	< 6.3	70 ± 5.1	70	
					2024/10/24	Sunny	19.1	0.3	17.0	3	Gray	Faint sewage	0.0	2.4	12.9	14.5	33.8	29.1	4.1	3.2	76.0	2.58	sand	< 6.7	110 ± 6.5	110	
					2024/11/14	Sunny	11.4	0.4	11.8	3	Olive black	Faint sewage	0.0	0.0	0.4	2.1	45.9	40.8	4.9	5.9	59.1	2.54	sand	< 9.1	140 ± 9.3	140	
					2024/12/13	Cloudy	7.5	0.5	6.4	3	Grayish olive	Faint ditch	0.0	0.0	0.3	3.6	57.2	29.6	5.3	4.0	60.1	2.53	sand	< 5.9	150 ± 8.2	150	
	89		Before the confluence with Abukuma River		2024/4/23	Cloudy	15.8	0.3	11.5	2	Dark grayish yellow	Faint fish	0.0	0.0	3.3	25.8	66.7	3.4	0.2	0.6	78.8	2.63	sand	< 4.4	29 ± 2.7	29	
					2024/5/21	Sunny	21.2	0.2	17.1	3	Dark grayish yellow	None	0.0	0.0	3.5	21.3	67.0	6.5	0.8	0.9	74.2	2.64	sand	< 8.8	48 ± 4.8	48	
					2024/6/12	Sunny	22.7	0.2	15.2	3	Dark grayish yellow	None	0.0	0.0	1.5	19.2	67.9	8.1	2.0	1.3	73.0	2.65	sand/gravel	< 8.5	65 ± 5.9	65	
					2024/7/1	Cloudy	26.5	0.2	18.8	3	Dull yellow brown	None	0.0	0.0	6.1	46.2	40.1	4.1	2.5	1.0	76.1	2.63	sand/silt	< 3.5	58 ± 3.0	58	
					2024/8/23	Sunny	29.8	0.3	23.7	3	Dark grayish yellow	None	0.0	0.7	21.5	43.6	32.2	1.6	0.1	0.3	79.6	2.67	sand/gravel	< 4.3	33 ± 3.0	33	
					2024/9/20	Light Rain	25.2	0.1	21.0	3	Brown	None	0.0	0.1	16.6	74.7	8.4	0.1	0.0	0.1	80.5	2.64	sand/gravel	< 8.0	42 ± 5.6	42	
					2024/10/24	Sunny	19.5	0.1	17.5	3	Dull yellow brown	None	0.0	1.2	18.9	59.7	20.0	0.1	0.0	0.1	77.6	2.64	sand/gravel	< 6.5	21 ± 3.5	21	
					2024/12/13	Cloudy	5.4	0.2	8.8	3	Dark brown	None	0.0	0.2	28.5	45.8	23.8	1.2	0.4	0.1	81.6	2.65	gravel/sand	< 4.6	22 ± 2.7	22	
					2025/1/7	Sunny	8.0	0.3	8.0	3	Dark grayish yellow	None	0.0	1.7	25.1	37.6	31.3	2.8	0.8	0.7	79.2	2.66	sand/gravel	< 7.5	36 ± 3.9	36	
					2025/2/10	Light Snow	3.0	0.4	3.0	3	Dark grayish yellow	None	0.0	0.1	16.9	41.4	38.2	2.4	0.4	0.6	79.8	2.65	sand/gravel	< 7.4	28 ± 3.8	28	
	90	Abukuma River	Taisho Bridge	Date City	2024/4/24	Cloudy	13.0	0.8	14.4	4	Brownish black	Faint fish	0.0	0.1	18.1	24.1	46.7	9.4	0.6	1.0	78.2	2.68	sand/gravel	< 3.9	66 ± 3.6	66	
					2024/5/17	Sunny	22.9	0.8	13.4	4	Brownish black	Faint ditch	0.0	0.1	21.2	18.2	47.0	11.7	1.1	0.7	76.9	2.72	gravel/sand	< 6.9	88 ± 6.1	88	
					2024/6/13	Sunny	25.4	0.4	21.5	3	Dull yellow brown	None	0.0	1.7	44.1	26.6	25.1	2.0	0.1	0.4	83.7	2.72	sand/gravel	< 5.6	69 ± 5.1	69	
					2024/7/2	Cloudy	28.3	0.4	22.6	3	Dull yellow brown	None	0.0	1.4	32.2	32.3	32.0	1.7	0.1	0.3	84.0	2.72	sand/gravel	< 3.7	80 ± 3.4	80	
					2024/8/24	Sunny	30.1	0.3	25.3	3	Grayish yellow brown	None	0.0	1.6	23.6	21.8	45.4	5.3	0.9	1.4	74.9	2.72	sand/gravel	< 6.6	100 ± 5.9	100	
					2024/9/25	Cloudy	22.2	0.5	21.6	3	Grayish yellow brown	Faint algae	0.0	0.1	11.5	13.6	61.9	12.4	0.1	0.4	77.4	2.84	sand/gravel	< 8.3	45 ± 4.9	45	
					2024/10/24	Sunny	18.8	0.3	17.2	3	Dull yellow brown	None	0.0	6.1	34.2	27.2	30.0	2.1	0.2	0.2	84.1	2.70	sand/gravel	< 5.5	71 ± 4.7	71	
					2024/12/13	Sunny	5.3	0.5	5.8	3	Dark grayish yellow	Faint ditch	0.0	1.1	39.8	25.1	26.3	5.6	1.9	0.2	79.0	2.71	sand/gravel	< 4.8	68 ± 4.6	68	
					2025/1/7	Sunny	7.0	0.5	7.0	5	Grayish yellow brown	Faint algae	0.0	2.3	38.2	32.4	24.1	2.2	0.3	0.5	84.0	2.74	sand/gravel	< 5.2	63 ± 4.6	63	
					2025/2/12	Sunny	3.0	0.3	4.0	3	Grayish yellow brown	Faint algae	0.0	1.6	40.9	34.5	22.1	0.6	0.2	0.1	79.8	2.73	sand/gravel	< 5.6	72 ± 5.2	72	
	91	Hirose River	Tatenokoshi Bridge	Kawamata Town	2024/5/10	Sunny	28.7	0.2	17.0	3	Grayish yellow brown	None	0.0	0.7	57.9	29.7	10.3	1.2	0.1	0.1	92.1	2.69	sand/gravel	< 5.5	12 ± 2.3	12	
					2024/6/7	Cloudy	21.8	0.2	16.7	3	Grayish yellow brown	None	0.0	0.3	54.1	34.0	11.0	0.6	0.0	0.0	95.8	2.69	sand/gravel	< 3.8	15 ± 2.5	15	
					2024/8/22	Cloudy	28.8	0.3	22.7	4	Grayish yellow brown	None	0.0	0.1	5.7	26.6	54.3	11.2	1.2	0.9	76.5	2.71	sand/gravel	< 5.2	57 ± 4.8	57	
					2024/10/18	Cloudy	20.8	0.2	17.9	3	Dark grayish yellow	None	0.0	3.0	36.5	28.7	29.6	1.7	0.3	0.2	83.6	2.71	sand/gravel	< 6.5	25 ± 3.6	25	
					2024/11/9	Sunny	5.5	0.3	6.2	5	Dull yellow brown	None	0.0	0.0	2.5	6.2	76.3	13.9	0.8	0.3	72.1	2.73	sand	< 6.8	69 ± 5.3	69	
					2024/12/23	Sunny	4.0	0.2	3.0	4	Dull yellow brown	None	0.0	0.0	1.6	51.9	45.4	0.9	0.1	0.1	75.7	2.71	sand	< 6.5	42 ± 4.1	42	
	92		Jizogawara Bridge		2024/5/21	Sunny	21.1	0.1	19.1	4	Yellow brown	None	0.0	0.3	39.3	40.2	19.8	0.3	0.0	0.1	86.3	2.67	gravel/sand	< 6.5	26 ± 4.3	26	
					2024/6/13	Sunny	31.5	0.2	26.5	3	Dull yellow brown	None	0.0	1.2	50.5	30.3	17.5	0.2	0.2	0.1	92.2	2.68	sand/gravel	< 6.0	21 ± 3.0	21	
					2024/8/22	Cloudy	28.3	0.2	26.8	4	Dull yellow brown	None	0.0	0.3	28.9	54.4	15.1	1.1	0.0	0.2	81.2	2.67	sand/gravel	< 6.2	17 ± 2.6	17	
					2024/10/24	Sunny	17.5	0.2	17.2	3	Olive brown	None	0.0	6.6	59.0	20.8	12.7	0.8	0.0	0.1	92.3	2.67	gravel/sand	< 6.7	9.2 ± 2.0	9.2	
					2024/11/14	Sunny	19.1	0.3	10.4	3	Dull yellow brown	Faint fish	0.0	0.3	40.5	42.2	16.0	0.7	0.1	0.2	80.7	2.68	gravel/sand	< 3.6	28 ± 2.1	28	
					2024/12/24	Light Snow	2.0	0.4	3.0	4	Dull yellow brown	None	0.0	0.0	7.9	58.5	33.3	0.2	0.0	0.1	82.1	2.68	sand/gravel	< 6.6	22 ± 3.3	22	
	93	Oguni River	Before the confluence with Hirose River	Date City	2024/4/25	Sunny	20.6	0.5	17.2	2	Dull yellow brown	Faint fish	0.0	0.1	7.1	41.6	50.4	0.7	0.0	0.1	90.6	2.66	sand	< 5.1	81 ± 4.7	81	
					2024/5/21	Sunny	21.3	0.6	20.3	4	Grayish yellow brown	Faint sewage	0.0	0.1	5.6	59.1	32.5	0.9	0.8	1.0	73.0	2.67	sand/gravel	< 8.4	200 ± 11	200	
					2024/6/13	Sunny	31.6	0.5	27.0	3	Brownish gray	None	0.0	0.0	2.4	34.4	61.3	1.8	0.0	0.1	75.4	2.68	sand	< 6.6	110 ± 6.5	110	
					2024/7/2	Cloudy	29.1	0.3	26.4	3	Dull yellow brown	None	0.0	0.0	0.0	11.1	54.5	22.7	5.2	6.5	74.2	2.72	sand/silt	6.5 ± 1.5	400 ± 6.6	406.5	
					2024/8/22	Cloudy	28.4	0.4	28.1	3	Dull yellow brown	None	0.0	0.0	2.2	48.9	46.0	2.5	0.1	0.3	77.4	2.68	sand/gravel	< 7.4	110 ± 7.1	110	
					2024/9/25	Light Rain	21.3	0.2	21.6	3	Dull yellow brown	None	0.0	0.4	19.7	26.8	44.6	6.5	0.9	1.1	77.9	2.69	sand/gravel	< 6.4	160 ± 8.3	160	
					2024/10/24	Sunny	17.2	0.2	17.1	3	Dark grayish yellow	None	0.0	0.1	2.8	9.2	78.8	8.4	0.3	0.4	75.0	2.69	sand/gravel	< 6.7	190 ± 9.0	190	
					2024/12/24	Light Snow	3.1	0.6	4.2	4	Dark grayish yellow	None	0.0	0.1	8.9	39.4	49.5	1.6	0.2	0.3	78.9	2.70	sand/gravel	< 8.3	110 ± 7.4	110	
					2025/1/8	Sunny	6.0	0.2	6.0	4	Dull yellow brown	None	0.0	0.1	15.9	52.0	30.8	0.9	0.0	0.3	78.2	2.70	sand/gravel	< 8.4	72 ± 5.8	72	
					2025/2/13	Cloudy	3.0	0.2	4.0	4	Dark grayish yellow	None	0.0	0.0	11.8	24.0	43.1	17.6	2.7	0.8	82.1	2.75	sand/gravel	< 5.7	72 ± 5.5	72	
	94	Hirose River	Before the confluence with Abukuma River		2024/4/24	Cloudy	15.0	0.2	15.8	4	Dull yellow brown	Faint fish	0.0	0.0	38.9	39.5	20.3	1.1	0.1	0.1	86.2	2.65	gravel/sand	< 4.4	23 ± 2.2	23	
					2024/5/9	Cloudy	18.8	0.4	18.1	3	Grayish yellow brown	None	0.0	0.3	26.5	53.9	18.4	0.8	0.0	0.1	96.9	2.66	sand/gravel	< 6.3	15 ± 2.5	15	
					2024/6/13	Sunny	28.6	0.2	24.7	3	Dull yellow brown	None	0.0	1.2	41.2	34.9	19.9	2.4	0.2	0.2	90.1	2.69	sand/gravel	< 7.4	34 ± 3.8	34	
					2024/7/2	Sunny	29.4	0.3	26.5	3	Dull yellow brown	None	0.0	0.3	24.9	44.1	28.8	1.7	0.1	0.1	94.3	2.68	sand/gravel	< 2.7	23 ± 1.7	23	
					2024/8/22	Cloudy	30.3	0.5	27.1	4	Dull yellow brown	None	0.0	1.9	26.3	21.8	25.2	20.0	1.8	3.0	76.7	2.71	sand/gravel	< 3.7	100 ± 3.7	100	
					2024/9/25	Light Rain	21.1	0.3	19.3	3	Dull yellow brown	None	0.0	0.1	6.2	15.0	57.9	15.5	2.5	2.8	76.5	2.69	sand/gravel	< 6.4	210 ± 9.6	210	
					2024/10/24	Sunny	17.0	0.2	16.5	3	Dull yellow brown	None	0.0	5.8	53.3	31.0	9.5	0.4	0.0	0.0	93.5	2.67	gravel/sand	< 6.6	9.2 ± 2.0	9.2	
					2024/12/24	Cloudy	0.9	0.2	3.2	4	Dull yellow brown	None	0.0	0.6	28.2	51.7	19.0	0.3	0.1	0.1	86.4	2.68	gravel/sand	< 8.3	25 ± 3.5	25	
					2025/1/8	Sunny	4.0	0.6	5.0	3	Dull yellow brown	None	0.0	0.6	40.2	54.5	4.6	0.0	0.0	0.1	89.1	2.68	sand/gravel	< 7.0	9.1 ± 2.0	9.1	
					2025/2/12	Sunny	3.0	0.4	3.3	3	Dull yellow brown	None	0.0	0.1	41.8	45.3	12.4	0.2	0.1	0.1	84.4	2.68	sand/gravel	< 6.9	14 ± 2.5	14	

Fukushima River(Sediment_Nakadori) 6/6

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																				Remarks
									Sediment temperature (℃)	General items																	Activity concentration［Bq/kg(dry)］			
													Grain size distribution(%)								Sediment content (%)	Density (Mg/m^3)	Property	Radioactive cesium			
	No.	Water Area	Location	Municipality						Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Rivers	95	Kurokawa River	Prefectural border with Tochigi	Shirakawa City	2024/5/28	Light Rain	17.6	0.6	16.1	2	Brownish black	Faint ditch	0.0	1.6	39.6	32.6	21.5	2.6	1.1	1.0	79.1	2.72	gravel/sand	< 5.3	25 ± 3.2	25	
					2024/6/26	Cloudy	23.6	0.5	21.3	3	Brownish black	Faint algae	0.0	1.1	45.8	29.2	22.4	1.2	0.0	0.3	82.7	2.92	sand/gravel	< 8.0	16 ± 3.0	16	
					2024/8/23	Cloudy	25.7	0.5	21.5	4	Brownish black	Faint seaweed	0.0	0.9	16.6	27.4	48.1	5.6	0.7	0.7	78.1	2.95	sand/gravel	< 4.7	28 ± 2.5	28	
					2024/10/25	Sunny	15.8	0.4	14.5	3	Brownish black	Faint algae	0.0	9.1	29.7	22.2	32.3	4.7	1.4	0.6	76.7	2.85	sand/gravel	< 7.3	35 ± 3.9	35	
					2024/11/14	Sunny	13.9	0.4	12.4	3	Brownish black	None	0.0	7.8	43.2	25.4	20.1	2.2	0.7	0.6	81.9	2.84	gravel/sand	< 3.6	27 ± 2.2	27	
					2024/12/12	Sunny	4.1	0.4	5.1	4	Brownish black	None	0.0	3.7	48.2	30.0	15.3	1.5	0.7	0.6	82.8	2.80	gravel/sand	< 5.7	18 ± 2.5	18	
	96	Kujigawa River	Matsuoka Bridge	Tanagura Town	2024/5/14	Sunny	19.7	0.4	14.2	3	Brownish black	Faint seaweed	0.0	1.9	17.2	41.6	36.1	2.7	0.3	0.2	83.0	2.71	gravel/sand	< 4.2	5.0 ± 1.4	5.0	
					2024/6/7	Cloudy	20.5	0.2	19.4	4	Black	None	0.0	0.2	45.6	39.1	13.1	1.7	0.2	0.1	86.3	2.69	sand/gravel	< 4.5	5.7 ± 1.6	5.7	
					2024/8/22	Cloudy	29.0	0.2	21.6	4	Yellowish gray	None	0.0	0.2	16.8	31.8	44.3	5.4	0.7	0.8	82.0	2.69	sand/gravel	< 4.0	7.0 ± 1.4	7.0	
					2024/10/23	Cloudy	17.1	0.2	17.0	3	Yellowish gray	None	0.0	4.8	21.3	35.0	34.3	3.3	0.8	0.5	82.3	2.71	gravel/sand	< 5.4	7.9 ± 2.2	7.9	
					2024/11/19	Sunny	7.5	0.4	7.3	3	Dark brown	None	0.0	0.9	51.8	44.3	2.9	0.1	0.0	0.0	85.7	2.67	gravel/sand	< 6.6	7.1 ± 1.7	7.1	
					2024/12/12	Sunny	4.6	0.3	5.0	4	Grayish yellow brown	None	0.0	0.1	8.8	40.6	48.4	1.3	0.7	0.1	78.0	2.67	sand/gravel	< 4.5	8.3 ± 1.6	8.3	
	97		Takachihara Bridge	Yamatsuri Town	2024/5/14	Sunny	22.1	0.5	19.6	4	Dark brown	None	0.0	2.4	31.4	39.7	25.1	1.2	0.0	0.2	83.8	2.68	gravel/sand	< 2.3	4.5 ± 0.89	4.5	
					2024/6/7	Cloudy	28.7	0.4	19.6	3	Dark grayish yellow	None	0.0	0.3	52.7	33.5	12.6	0.8	0.0	0.1	93.2	2.68	sand/gravel	< 2.3	3.1 ± 0.81	3.1	
					2024/8/22	Cloudy	27.8	0.2	22.6	3	Dark brown	None	0.0	0.7	42.8	35.3	16.7	3.3	0.4	0.8	84.9	2.70	sand/gravel	< 3.4	7.3 ± 1.2	7.3	
					2024/10/23	Cloudy	16.9	0.2	16.0	3	Grayish yellow brown	None	0.0	1.4	4.3	14.8	77.2	1.7	0.4	0.2	77.6	2.70	sand/gravel	< 3.1	5.7 ± 1.1	5.7	
					2024/11/19	Sunny	7.5	0.8	8.8	4	Dull yellow brown	None	0.0	0.0	0.2	14.8	83.4	1.1	0.3	0.2	74.2	2.67	sand	< 8.6	10 ± 2.9	10	
					2024/12/12	Sunny	4.3	0.7	4.2	4	Grayish yellow brown	None	0.0	0.0	0.3	9.3	87.2	2.2	0.7	0.3	74.1	2.68	sand	< 5.7	13 ± 2.9	13	

Fukushima River(SE_Nakadori) 1/3

	Location				Sampling Date	Weather	Air temperature (℃)	Surrounding Environment(Soil,Air dose)															Remarks
								Left bank								Right bank							
											Activity concentration ［Bq/kg(dry)］							Activity concentration ［Bq/kg(dry)］					
											Radioactive cesium			Air dose (μSv/h)				Radioactive cesium			Air dose (μSv/h)	
	No.	Water Area	Location	Municipality				Color	Odor	Property	Cs-134	Cs-137	Total		Color	Odor	Property	Cs-134	Cs-137	Total		
Rivers	54	Abukuma River	Habuto Bridge	Nishigo Village	2024/5/28	Light Rain	17.5	Brownish black	Faint earth	loamy	67 ± 9.1	3,700 ± 61	3,767	0.15	Brownish black	Faint earth	Loamy	25 ± 7.5	1,700 ± 44	1,725	0.13		
					2024/6/26	Cloudy	26.5	Brownish black	Faint earth	loamy	59 ± 4.7	4,400 ± 35	4,459	0.16	Brownish black	Faint earth	Loamy	30 ± 5.0	2,400 ± 35	2,430	0.13		
					2024/8/23	Cloudy	24.4	Brownish black	Faint earth	loamy	35 ± 5.5	2,600 ± 38	2,635	0.15	Brownish black	Faint earth	Loamy	21 ± 4.0	1,200 ± 26	1,221	0.13		
	55		Tamachi-ohashi Bridge	Shirakawa City	2024/4/22	Cloudy	20.8	Dark brown	Faint earth	loamy	22 ± 3.7	1,700 ± 29	1,722	0.12	Dark brown	Faint earth	Loamy	18 ± 3.3	1,200 ± 23	1,218	0.09		
					2024/5/28	Light Rain	20.2	Brownish black	Faint earth	loamy	28 ± 4.6	1,400 ± 29	1,428	0.13	Dark brown	Faint earth	Loamy	23 ± 3.9	1,900 ± 29	1,923	0.12		
					2024/6/20	Sunny	23.7	Brownish black	Faint earth	loamy	14 ± 2.9	840 ± 19	854	0.10	Dark brown	Faint earth	Loamy	12 ± 2.8	940 ± 19	952	0.09		
					2024/7/5	Cloudy	24.6	Grayish yellow brown	Faint earth	loamy	12 ± 2.2	480 ± 12	492	0.11	Dark brown	Faint earth	Loamy	17 ± 5.1	1,100 ± 26	1,117	0.09		
					2024/8/23	Cloudy	26.5	Dark brown	Faint earth	loamy	7.0 ± 1.7	490 ± 14	497.0	0.10	Dark brown	Faint earth	Loamy	14 ± 3.5	1,100 ± 26	1,114	0.10		
					2024/9/27	Sunny	26.1	Dark brown	Faint earth	loamy	14 ± 4.3	1,300 ± 26	1,314	0.13	Dull yellow brown	Faint earth	Loamy	< 8.4	860 ± 18	860	0.08		
	56	Yanta River	Before the confluence with Abukuma River		2024/5/28	Light Rain	19.4	Dull yellow brown	Faint earth	loamy	15 ± 3.1	900 ± 21	915	0.11	Brownish black	Faint earth	Loamy	15 ± 3.2	1,100 ± 22	1,115	0.12		
					2024/6/20	Sunny	25.4	Brownish black	Faint earth	loamy	13 ± 2.6	1,100 ± 21	1,113	0.10	Dull yellow brown	Faint earth	Loamy	< 9.3	510 ± 14	510	0.12		
					2024/8/23	Cloudy	28.8	Dark brown	Faint earth	loamy	14 ± 3.1	990 ± 21	1,004	0.11	Brownish black	Faint earth	Loamy	87 ± 17	5,800 ± 110	5,887	0.10		
	57	Yashiro River	Yashirogawa Bridge	Tanagura Town	2024/5/20	Light Rain	15.3	Brownish black	Faint earth	loamy	< 7.8	160 ± 8.3	160	0.07	Brownish black	Faint earth	Loamy	< 8.0	210 ± 10	210	0.09		
					2024/6/7	Cloudy	23.5	Dull yellow brown	Faint earth	loamy	< 8.7	10 ± 3.2	10	0.07	Brownish black	Faint earth	Loamy	< 5.4	140 ± 5.9	140	0.07		
					2024/8/22	Cloudy	27.3	Dark brown	Faint earth	loamy	< 7.8	180 ± 8.5	180	0.06	Grayish yellow brown	Faint earth	Loamy	< 5.2	43 ± 4.0	43	0.09		
	58	Kitasu River	Yanagi Bridge	Hirata Village	2024/5/2	Sunny	15.0	Grayish yellow brown	None	sandy	< 6.4	24 ± 4.0	24	0.07	Dull yellow brown	Faint earth	Loamy	< 8.7	200 ± 9.8	200	0.07		
					2024/6/10	Light Rain	16.2	Grayish yellow brown	Faint earth	sandy	< 4.1	15 ± 2.1	15	0.07	Dull yellow brown	Faint earth	Loamy	< 6.2	140 ± 6.0	140	0.07		
					2024/8/22	Cloudy	28.0	Dull yellow brown	None	sandy	< 6.5	32 ± 4.0	32	0.06	Dull yellow brown	Faint earth	Loamy	< 9.2	130 ± 7.9	130	0.07		
	59		Nekonaki Bridge	Ishikawa Town	2024/5/20	Light Rain	15.5	Dark brown	Faint earth	loamy	< 8.7	220 ± 9.7	220	0.08	Dark brown	Faint earth	Loamy	< 7.3	190 ± 9.0	190	0.07		
					2024/6/6	Sunny	22.0	Dark brown	Faint earth	loamy	< 6.0	250 ± 7.8	250	0.07	Dark brown	Faint earth	Loamy	< 5.2	190 ± 7.1	190	0.07		
					2024/8/23	Sunny	29.4	Dark brown	Faint earth	loamy	< 8.7	110 ± 7.7	110	0.08	Dull yellow brown	Faint earth	Loamy	< 8.4	100 ± 6.6	100	0.07		
	60	Yashiro River	Oji Bridge		2024/5/20	Cloudy	18.8	Grayish yellow brown	Faint earth	loamy	< 8.2	53 ± 4.4	53	0.05	Brownish black	Faint earth	Loamy	< 9.2	340 ± 13	340	0.07		
					2024/6/6	Sunny	22.0	Dull yellow brown	Faint earth	loamy	< 6.3	< 5.7	-	0.06	Brownish black	Faint earth	Loamy	10 ± 2.9	360 ± 10	370	0.06		
					2024/8/23	Cloudy	30.9	Dull yellow brown	Faint earth	loamy	< 6.6	< 6.4	-	0.06	Brownish black	Faint earth	Loamy	< 9.7	160 ± 10	160	0.07		
	61	Abukuma River	Kawanome Bridge	Tamakawa Village/ Yabuki Town	2024/4/22	Cloudy	23.5	Dull yellow brown	Faint earth	loamy	< 9.3	160 ± 9.0	160	0.06	Dark brown	Faint earth	Sandy	< 5.4	17 ± 2.8	17	0.05		
					2024/5/20	Cloudy	19.2	Brownish black	Faint earth	loamy	< 8.9	270 ± 12	270	0.05	Brownish black	Faint earth	Sandy	< 6.0	19 ± 3.2	19	0.05		
					2024/6/6	Sunny	24.0	Brownish black	Faint earth	loamy	< 8.0	360 ± 11	360	0.06	Grayish yellow brown	Faint earth	Loamy	< 5.6	22 ± 2.6	22	0.05		
					2024/7/5	Sunny	28.8	Dark brown	Faint earth	loamy	< 8.6	170 ± 8.4	170	0.05	Grayish yellow brown	Faint earth	Sandy	< 5.6	13 ± 2.6	13	0.05		
					2024/8/23	Sunny	32.1	Grayish yellow brown	Faint earth	loamy	< 8.6	110 ± 6.9	110	0.07	Grayish yellow brown	None	Sandy	< 5.9	23 ± 2.9	23	0.05		
					2024/9/27	Sunny	25.4	Brownish black	Faint earth	loamy	< 7.9	200 ± 9.0	200	0.05	Dull yellow brown	Faint earth	Loamy	< 5.9	55 ± 4.7	55	0.05		
	62		Emochi Bridge		2024/5/28	Light Rain	18.2	Dark brown	Faint earth	loamy	< 9.1	480 ± 13	480	0.10	Grayish yellow brown	Faint earth	Loamy	< 8.9	55 ± 5.3	55	0.09		
					2024/6/17	Cloudy	28.9	Grayish yellow brown	Faint earth	loamy	< 6.7	290 ± 11	290	0.08	Dull yellow brown	Faint earth	Loamy	< 7.6	74 ± 6.1	74	0.07		
					2024/8/24	Cloudy	26.9	Brownish black	Faint earth	loamy	13 ± 2.5	590 ± 15	603	0.09	Brownish black	Faint earth	Loamy	< 8.9	64 ± 6.0	64	0.06		
	63		Sukagawa City water intake point	Sukagawa City	2024/5/28	Light Rain	17.8	Dark brown	Faint earth	loamy	17 ± 4.5	1,300 ± 25	1,317	0.11	Dull yellow brown	Faint earth	Loamy	< 9.3	82 ± 6.4	82	0.08		
					2024/6/20	Sunny	30.6	Brownish black	Faint earth	loamy	25 ± 5.5	1,200 ± 37	1,225	0.09	Dark brown	Faint earth	Loamy	< 8.1	210 ± 11	210	0.07		
					2024/8/24	Cloudy	30.5	Brownish black	Faint earth	loamy	17 ± 3.2	910 ± 20	927	0.09	Dull yellow brown	Faint earth	Loamy	< 8.4	48 ± 5.0	48	0.07		
	64	Shakado River	Before the confluence with Abukuma River		2024/4/23	Cloudy	14.0	Dull yellow brown	Faint earth	loamy	9.7 ± 2.3	650 ± 16	659.7	0.09	Dull yellow brown	Faint earth	Loamy	< 8.0	320 ± 12	320	0.09		
					2024/5/28	Light Rain	17.6	Dark brown	Faint earth	loamy	21 ± 4.0	990 ± 24	1,011	0.12	Dull yellow brown	Faint earth	Loamy	< 8.5	270 ± 11	270	0.11		
					2024/6/17	Cloudy	29.7	Dull yellow brown	Faint earth	loamy	23 ± 4.8	1,300 ± 33	1,323	0.09	Dull yellow brown	Faint earth	Loamy	< 8.3	450 ± 14	450	0.08		
					2024/7/5	Sunny	31.5	Dull yellow brown	Faint earth	loamy	7.3 ± 2.4	650 ± 13	657.3	0.08	Dull yellow brown	Faint earth	Loamy	< 8.2	630 ± 14	630	0.09		
					2024/8/24	Cloudy	29.1	Dull yellow brown	Faint earth	loamy	16 ± 3.4	630 ± 20	646	0.10	Dull yellow brown	Faint earth	Loamy	18 ± 3.6	770 ± 21	788	0.07		
					2024/9/26	Cloudy	22.1	Dark brown	Faint earth	loamy	19 ± 3.9	830 ± 24	849	0.09	Dull yellow brown	Faint earth	Loamy	16 ± 2.9	490 ± 15	506	0.08		
	65	Sasahara River	Shinbashi Bridge	Koriyama City	2024/5/27	Cloudy	19.3	Dull yellow brown	Faint earth	loamy	31 ± 9.3	2,700 ± 55	2,731	0.18	Dull yellow brown	Faint earth	Loamy	15 ± 2.5	740 ± 14	755	0.13		
					2024/6/20	Sunny	31.7	Dark brown	Faint earth	loamy	53 ± 6.8	4,400 ± 41	4,453	0.16	Dull yellow brown	Faint earth	Loamy	9.8 ± 2.5	780 ± 14	789.8	0.10		
					2024/8/23	Sunny	34.1	Dull yellow brown	Faint earth	loamy	60 ± 8.9	3,800 ± 66	3,860	0.15	Brownish black	Faint earth	Loamy	17 ± 3.5	1,500 ± 25	1,517	0.09		
	66	Yatagawa River	Yatagawa Bridge		2024/5/27	Cloudy	20.6	Brownish black	Faint earth	loamy	< 9.7	220 ± 10	220	0.08	Dark brown	Faint earth	Loamy	17 ± 3.6	1,100 ± 24	1,117	0.13		
					2024/6/12	Sunny	28.0	Brownish black	Faint earth	loamy	< 6.0	270 ± 8.3	270	0.06	Dark brown	Faint earth	Loamy	29 ± 4.9	1,200 ± 31	1,229	0.06		
					2024/8/23	Sunny	33.8	Brownish black	Faint earth	loamy	< 7.7	220 ± 10	220	0.07	Brownish black	Faint earth	Loamy	19 ± 3.9	1,300 ± 28	1,319	0.09		
	67	Otakine River	Funehiki Bridge	Tamura City	2024/5/2	Sunny	20.5	Grayish yellow brown	Faint earth	loamy	< 9.7	73 ± 6.8	73	0.07	Grayish yellow brown	Faint earth	Loamy	< 8.3	280 ± 12	280	0.08		
					2024/6/5	Sunny	17.0	Brownish black	Faint earth	loamy	< 7.1	170 ± 8.2	170	0.07	Brownish black	Faint earth	Loamy	12 ± 2.6	500 ± 13	512	0.07		
					2024/8/23	Cloudy	27.3	Brownish black	Faint earth	loamy	< 7.2	190 ± 8.2	190	0.07	Brownish black	Faint earth	Loamy	< 8.7	660 ± 15	660	0.06		
	68		Before the confluence with Abukuma River		2024/5/27	Cloudy	20.7	Dull yellow brown	Faint earth	loamy	< 7.3	69 ± 4.9	69	0.08	Dull yellow brown	Faint earth	Loamy	15 ± 2.8	690 ± 18	705	0.12		
					2024/6/12	Sunny	23.0	Dull yellow brown	Faint earth	loamy	< 8.4	160 ± 8.7	160	0.07	Dull yellow brown	Faint earth	Loamy	< 5.4	280 ± 7.6	280	0.08		
					2024/8/23	Sunny	32.8	Brownish black	Faint earth	loamy	< 6.5	110 ± 5.8	110	0.07	Dull yellow brown	Faint earth	Loamy	11 ± 2.7	560 ± 19	571	0.09		
	69	Ouse River	Before the confluence with Babagawa River	Koriyama City	2024/5/27	Cloudy	24.7	Dark brown	Faint earth	loamy	22 ± 3.3	1,200 ± 21	1,222	0.17	Dull yellow brown	Faint earth	Loamy	< 7.5	310 ± 12	310	0.13		
					2024/6/13	Sunny	30.5	Dull yellow brown	Faint earth	loamy	11 ± 2.7	710 ± 14	721	0.16	Dull yellow brown	Faint earth	Loamy	28 ± 6.5	1,600 ± 44	1,628	0.18		
					2024/8/23	Sunny	29.0	Dull yellow brown	Faint earth	loamy	23 ± 4.5	1,700 ± 31	1,723	0.15	Dull yellow brown	Faint earth	Loamy	29 ± 4.6	1,800 ± 32	1,829	0.16		
	70		Makunouchi Bridge		2024/5/27	Cloudy	23.8	Dull yellow brown	Faint earth	loamy	< 4.9	28 ± 2.8	28	0.08	Brown	Faint earth	Loamy	38 ± 3.8	2,200 ± 23	2,238	0.19		
					2024/6/13	Sunny	31.0	Dull yellow brown	Faint earth	loamy	< 5.5	9.4 ± 2.5	9.4	0.11	Brown	Faint earth	Loamy	36 ± 4.4	2,300 ± 33	2,336	0.17		
					2024/8/23	Sunny	29.3	Brown	Faint earth	loamy	< 7.9	< 8.7	-	0.09	Dark brown	Faint earth	Loamy	23 ± 3.8	1,300 ± 26	1,323	0.18		

Fukushima River(SE_Nakadori) 2/3

	Location				Sampling Date	Weather	Air temperature (℃)	Surrounding Environment(Soil,Air dose)																	
								Left bank								Right bank									
											Activity concentration [Bq/kg(dry)]								Activity concentration [Bq/kg(dry)]					
											Radioactive cesium			Air dose (μSv/h)				Radioactive cesium			Air dose (μSv/h)	Remarks
	No.	Water Area	Location	Municipality				Color	Odor	Property	Cs-134	Cs-137	Total		Color	Odor	Property	Cs-134	Cs-137	Total		
Rivers	71	Ouse River	Before the confluence with Abukuma River	Koriyama City	2024/4/23	Cloudy	15.0	Dark brown	Faint earth	loamy	36 ± 4.5	2,000 ± 30	2,036	0.15	Dark brown	Faint earth	Loamy	30 ± 4.3	1,200 ± 26	1,230	0.20	
					2024/5/21	Sunny	18.4	Dark brown	Faint earth	loamy	28 ± 4.5	1,600 ± 29	1,628	0.13	Brownish black	Faint earth	Loamy	21 ± 3.3	1,400 ± 23	1,421	0.20	
					2024/6/12	Sunny	24.6	Dark brown	Faint earth	loamy	25 ± 4.0	1,800 ± 24	1,825	0.10	Dark brown	Faint earth	Loamy	10 ± 3.1	510 ± 15	520	0.13	
					2024/7/3	Cloudy	24.6	Brown	Faint earth	loamy	14 ± 3.1	930 ± 17	944	0.11	Dull yellow brown	Faint earth	Loamy	28 ± 5.2	1,500 ± 29	1,528	0.19	
					2024/8/23	Cloudy	28.7	Dark brown	Faint earth	loamy	30 ± 6.9	1,900 ± 43	1,930	0.14	Brownish black	Faint earth	Loamy	32 ± 5.1	1,600 ± 34	1,632	0.14	
					2024/9/26	Cloudy	22.4	Dark brown	Faint earth	loamy	29 ± 4.6	2,900 ± 40	2,929	0.14	Dark brown	Faint earth	Loamy	26 ± 4.8	1,600 ± 30	1,626	0.17	
	72	Abukuma River	Akutsu Bridge		2024/4/23	Cloudy	15.0	Grayish yellow brown	Faint earth	loamy	7.3 ± 1.9	530 ± 13	537.3	0.11	Dark brown	Faint earth	Loamy	22 ± 3.2	1,300 ± 22	1,322	0.13	
					2024/5/21	Sunny	21.5	Brownish black	Faint earth	loamy	11 ± 2.5	520 ± 13	531	0.10	Brownish black	Faint earth	Loamy	11 ± 2.5	640 ± 16	651	0.12	
					2024/6/12	Sunny	27.5	Grayish yellow brown	Faint earth	loamy	10 ± 2.4	440 ± 11	450	0.07	Dark brown	Faint earth	Loamy	16 ± 3.1	740 ± 19	756	0.11	
					2024/7/3	Cloudy	24.3	Brown	Faint earth	loamy	< 7.5	430 ± 11	430	0.10	Dark brown	Faint earth	Loamy	13 ± 3.1	850 ± 21	863	0.12	
					2024/8/23	Cloudy	29.7	Dark brown	Faint earth	loamy	8.1 ± 2.0	600 ± 14	608.1	0.08	Brownish black	Faint earth	Loamy	11 ± 2.3	930 ± 16	941	0.11	
					2024/9/26	Cloudy	23.4	Dark brown	Faint earth	loamy	12 ± 2.8	620 ± 20	632	0.08	Dark brown	Faint earth	Loamy	< 8.8	730 ± 15	730	0.11	
	73	Gohyaku River	After the confluence with Ishimuro River		2024/5/20	Sunny	22.8	Brownish black	Faint earth	loamy	20 ± 3.4	1,100 ± 24	1,120	0.12	Brownish black	Faint earth	Loamy	30 ± 4.6	1,900 ± 32	1,930	0.12	
					2024/6/5	Sunny	18.0	Dull yellow brown	Faint earth	loamy	< 7.4	240 ± 9.6	240	0.13	Dark brown	Faint earth	Loamy	21 ± 4.8	1,400 ± 29	1,421	0.13	
					2024/8/22	Cloudy	29.5	Dark brown	Faint earth	loamy	13 ± 3.1	960 ± 24	973	0.13	Dark brown	Faint earth	Loamy	17 ± 3.3	1,300 ± 27	1,317	0.11	
	74		Kamisekishita Bridge	Motomiya City	2024/5/20	Sunny	23.2	Brownish black	Faint earth	loamy	55 ± 12	3,900 ± 67	3,955	0.21	Dark brown	Faint earth	Loamy	52 ± 9.8	3,200 ± 63	3,252	0.20	
					2024/6/5	Sunny	23.0	Brownish black	Faint earth	loamy	53 ± 7.2	4,200 ± 44	4,253	0.21	Dark brown	Faint earth	Loamy	53 ± 7.4	3,900 ± 43	3,953	0.21	
					2024/8/22	Cloudy	29.0	Brownish black	Faint earth	loamy	79 ± 6.7	5,200 ± 40	5,279	0.20	Dull yellow brown	Faint earth	Loamy	< 9.4	560 ± 14	560	0.10	
	75		Before the confluence with Abukuma River		2024/4/24	Light Rain	15.4	Dark brown	Faint earth	loamy	55 ± 6.7	3,100 ± 42	3,155	0.27	Dark brown	Faint earth	Loamy	100 ± 8.1	6,700 ± 58	6,800	0.37	
					2024/5/20	Sunny	25.2	Dark brown	Faint earth	loamy	60 ± 12	3,400 ± 70	3,460	0.26	Dark brown	Faint earth	Loamy	120 ± 13	7,300 ± 94	7,420	0.31	
					2024/6/5	Sunny	23.0	Dark brown	Faint earth	loamy	50 ± 9.3	3,900 ± 54	3,950	0.23	Dark brown	Faint earth	Loamy	110 ± 7.9	6,800 ± 46	6,910	0.23	
					2024/7/4	Sunny	26.4	Dull yellow brown	Faint earth	loamy	55 ± 6.6	4,100 ± 51	4,155	0.23	Dark brown	Faint earth	Loamy	140 ± 10	8,600 ± 69	8,740	0.27	
					2024/8/22	Cloudy	28.2	Dark brown	Faint earth	loamy	45 ± 10	3,100 ± 64	3,145	0.25	Dark brown	Faint earth	Loamy	83 ± 9.8	5,200 ± 69	5,283	0.27	
					2024/9/26	Sunny	25.8	Dark brown	Faint earth	loamy	53 ± 7.7	3,300 ± 54	3,353	0.26	Dull yellow brown	Faint earth	Loamy	170 ± 14	12,000 ± 98	12,170	0.25	
	76	Abukuma River	Takada Bridge	Nihonmatsu City	2024/4/24	Light Rain	11.0	Dark brown	Faint earth	loamy	95 ± 8.9	5,300 ± 60	5,395	0.29	Dull yellow brown	Faint earth	Loamy	< 9.3	180 ± 10	180	0.10	
					2024/5/20	Sunny	25.1	Dark brown	Faint earth	loamy	72 ± 7.5	5,100 ± 47	5,172	0.30	Dull yellow brown	Faint earth	Loamy	< 10	300 ± 13	300	0.09	
					2024/6/4	Cloudy	17.0	Dark brown	Faint earth	loamy	91 ± 9.7	6,300 ± 56	6,391	0.28	Dull yellow brown	Faint earth	Loamy	7.8 ± 2.0	300 ± 8.2	307.8	0.09	
					2024/7/4	Sunny	32.3	Brownish black	Faint earth	loamy	67 ± 7.4	5,000 ± 56	5,067	0.28	Dark brown	Faint earth	Loamy	< 9.6	230 ± 10	230	0.09	
					2024/8/23	Cloudy	30.9	Dark brown	Faint earth	loamy	66 ± 7.9	3,400 ± 52	3,466	0.26	Dull yellow brown	Faint earth	Loamy	< 7.3	240 ± 9.7	240	0.08	
					2024/9/26	Sunny	26.8	Dark brown	Faint earth	loamy	72 ± 10	5,000 ± 75	5,072	0.24	Dark brown	Faint earth	Loamy	< 8.3	200 ± 9.8	200	0.10	
	77	Kuchibuto River	Kuchibutogawa Bridge		2024/5/10	Sunny	17.8	Brownish black	Faint earth	loamy	23 ± 4.1	1,300 ± 27	1,323	0.14	Brownish black	Faint earth	Loamy	22 ± 3.9	1,500 ± 29	1,522	0.12	
					2024/6/19	Sunny	27.2	Dull yellow brown	Faint earth	loamy	15 ± 3.4	690 ± 16	705	0.12	Brownish black	Faint earth	Loamy	25 ± 4.7	1,500 ± 25	1,525	0.11	
					2024/8/23	Cloudy	27.1	Dark brown	Faint earth	loamy	22 ± 4.3	1,500 ± 29	1,522	0.11	Brownish black	Faint earth	Loamy	25 ± 5.1	1,600 ± 33	1,625	0.10	
	78	Utsushi River	Osegawa Bridge		2024/4/24	Light Rain	15.0	Dark brown	Faint earth	loamy	< 9.6	300 ± 10	300	0.09	Brownish black	Faint earth	Loamy	< 8.7	340 ± 11	340	0.10	
					2024/5/20	Sunny	25.5	Dark brown	Faint earth	loamy	< 8.8	250 ± 13	250	0.09	Brownish black	Faint earth	Loamy	< 9.5	490 ± 15	490	0.10	
					2024/6/4	Cloudy	28.0	Grayish yellow brown	Faint earth	loamy	< 6.5	200 ± 8.2	200	0.09	Grayish yellow brown	Faint earth	Loamy	< 8.6	300 ± 13	300	0.10	
					2024/7/4	Sunny	31.6	Dark brown	Faint earth	loamy	< 7.7	350 ± 10	350	0.08	Brownish black	Faint earth	Loamy	< 8.4	290 ± 9.8	290	0.08	
					2024/8/23	Cloudy	30.9	Grayish yellow brown	Faint earth	loamy	< 8.8	240 ± 11	240	0.08	Grayish yellow brown	Faint earth	Loamy	9.0 ± 2.7	560 ± 14	569.0	0.10	
					2024/9/26	Sunny	27.5	Dull yellow brown	Faint earth	loamy	11 ± 2.3	270 ± 11	281	0.09	Brownish black	Faint earth	Loamy	< 7.8	370 ± 11	370	0.09	
	79	Mizuhara River	Getouchi Bridge	Fukushima City	2024/5/14	Sunny	21.3	Dark brown	Faint earth	loamy	43 ± 7.6	2,600 ± 50	2,643	0.21	Brownish black	Faint earth	Loamy	100 ± 12	6,100 ± 79	6,200	0.17	
					2024/6/4	Cloudy	23.0	Dull yellow brown	Faint earth	loamy	42 ± 5.8	3,400 ± 44	3,442	0.18	Brownish black	Faint earth	Loamy	73 ± 7.5	5,200 ± 55	5,273	0.16	
					2024/8/23	Cloudy	33.0	Dull yellow brown	Faint earth	loamy	34 ± 5.2	3,300 ± 46	3,334	0.17	Brownish black	Faint earth	Loamy	61 ± 7.2	4,300 ± 51	4,361	0.15	
	80	Megami River	Tsurumaki Bridge		2024/5/14	Sunny	25.5	Dark brown	Faint earth	loamy	12 ± 2.6	830 ± 20	842	0.15	Dark brown	Faint earth	Loamy	< 9.2	550 ± 16	550	0.13	
					2024/6/4	Sunny	24.0	Grayish yellow brown	Faint earth	loamy	10 ± 2.0	720 ± 14	730	0.12	Dull yellow brown	Faint earth	Loamy	< 8.3	460 ± 13	460	0.12	
					2024/8/22	Cloudy	28.3	Grayish yellow brown	Faint earth	loamy	< 9.9	630 ± 17	630	0.12	Dull yellow brown	Faint earth	Loamy	12 ± 2.7	640 ± 18	652	0.10	
	81	Abukuma River	Horai Bridge		2024/4/23	Cloudy	15.7	Dark brown	Faint earth	loamy	< 6.9	200 ± 8.1	200	0.08	Grayish yellow brown	Faint earth	Loamy	56 ± 5.4	3,300 ± 37	3,356	0.15	
					2024/5/9	Cloudy	13.2	Dull yellow brown	Faint earth	loamy	9.6 ± 2.7	390 ± 12	399.6	0.08	Grayish yellow brown	Faint earth	Loamy	87 ± 8.0	5,900 ± 48	5,987	0.17	
					2024/6/4	Cloudy	18.3	Dark brown	Faint earth	loamy	< 8.8	160 ± 9.3	160	0.06	Brownish black	Faint earth	Loamy	72 ± 11	5,100 ± 75	5,172	0.15	
					2024/7/1	Cloudy	28.2	Dull yellow brown	Faint earth	loamy	< 7.5	28 ± 4.5	28	0.07	Brownish black	Faint earth	Loamy	68 ± 7.0	5,400 ± 54	5,468	0.14	
					2024/8/22	Sunny	28.9	Dark brown	Faint earth	loamy	< 7.4	400 ± 14	400	0.07	Brownish black	Faint earth	Loamy	140 ± 10	9,500 ± 76	9,640	0.15	
					2024/9/24	Sunny	24.9	Dark brown	Faint earth	loamy	8.5 ± 2.0	310 ± 12	318.5	0.07	Brownish black	Faint earth	Loamy	37 ± 6.8	3,200 ± 54	3,237	0.14	
	82	Nigori River	Before the confluence with Omori River		2024/5/9	Cloudy	14.0	Grayish yellow brown	Faint earth	loamy	53 ± 7.2	2,800 ± 48	2,853	0.17	Dull yellow brown	Faint earth	Loamy	27 ± 3.7	1,600 ± 26	1,627	0.12	
					2024/6/4	Cloudy	18.6	Dark brown	Faint earth	loamy	19 ± 4.8	1,500 ± 27	1,519	0.13	Brownish black	Faint earth	Loamy	17 ± 3.6	1,200 ± 24	1,217	0.13	
					2024/8/23	Cloudy	28.3	Dark brown	Faint earth	loamy	14 ± 2.6	1,200 ± 20	1,214	0.15	Brownish black	Faint earth	Loamy	170 ± 15	11,000 ± 110	11,170	0.09	
	83	Arakawa River	Hinokura Bridge		2024/5/17	Sunny	22.5	Dark brown	Faint earth	loamy	30 ± 3.9	1,600 ± 26	1,630	0.09	Dark brown	Faint earth	Loamy	25 ± 4.3	1,800 ± 31	1,825	0.10	
					2024/6/4	Cloudy	18.8	Brownish black	Faint earth	loamy	86 ± 11	5,000 ± 71	5,086	0.09	Dark brown	Faint earth	Loamy	20 ± 3.2	1,200 ± 21	1,220	0.08	
					2024/8/22	Cloudy	28.2	Dull yellow brown	Faint earth	loamy	38 ± 4.8	2,700 ± 35	2,738	0.08	Dull yellow brown	Faint earth	Loamy	23 ± 3.6	1,600 ± 21	1,623	0.08	
	84	Sukawa River	Sukawa Bridge		2024/5/7	Cloudy	20.3	Dull yellow brown	Faint earth	loamy	< 9.1	490 ± 14	490	0.07	Dull yellow brown	Faint earth	Loamy	43 ± 7.5	3,000 ± 44	3,043	0.12	
					2024/6/4	Cloudy	19.8	Dark brown	Faint earth	loamy	< 7.6	92 ± 6.6	92	0.06	Brownish black	Faint earth	Loamy	55 ± 6.4	3,500 ± 48	3,555	0.10	
					2024/8/22	Cloudy	28.4	Brown	Faint earth	loamy	< 7.3	93 ± 5.7	93	0.06	Brownish black	Faint earth	Loamy	32 ± 5.7	2,700 ± 40	2,732	0.10	

Fukushima River(SE_Nakadori) 3/3

	Location				Sampling Date	Weather	Air temperature (℃)	Surrounding Environment(Soil,Air dose)																Remarks
								Left bank								Right bank								
											Activity concentration [Bq/kg(dry)]							Activity concentration [Bq/kg(dry)]					
											Radioactive cesium			Air dose (μSv/h)				Radioactive cesium			Air dose (μSv/h)	
	No.	Water Area	Location	Municipality				Color	Odor	Property	Cs-134	Cs-137	Total		Color	Odor	Property	Cs-134	Cs-137	Total		
Rivers	85	Arakawa River	Before the confluence with Abukuma River	Fukushima City	2024/4/23	Cloudy	15.0	Dull yellow brown	Faint earth	loamy	< 5.1	100 ± 5.9	100	0.09	Dark brown	Faint earth	Loamy	57 ± 7.0	3,600 ± 41	3,657	0.26	
					2024/5/9	Sunny	16.5	Brown	Faint earth	loamy	< 8.0	110 ± 6.5	110	0.08	Dull yellow brown	Faint earth	Loamy	34 ± 7.3	2,500 ± 57	2,534	0.27	
					2024/6/4	Cloudy	20.4	Dull yellow brown	Faint earth	loamy	< 8.7	120 ± 7.6	120	0.07	Dark brown	Faint earth	Loamy	62 ± 7.8	3,300 ± 49	3,362	0.24	
					2024/7/1	Cloudy	27.4	Brown	Faint earth	loamy	8.9 ± 2.0	760 ± 15	768.9	0.07	Dark brown	Faint earth	Loamy	54 ± 7.2	3,900 ± 53	3,954	0.24	
					2024/8/23	Cloudy	28.5	Dull yellow brown	Faint earth	loamy	< 8.4	100 ± 7.5	100	0.08	Dark brown	Faint earth	Loamy	23 ± 4.8	2,000 ± 37	2,023	0.26	
					2024/9/24	Sunny	24.1	Dull yellow brown	Faint earth	loamy	< 8.6	95 ± 6.7	95	0.07	Brownish black	Faint earth	Loamy	23 ± 4.0	1,800 ± 32	1,823	0.26	
	86	Matsukawa River	Before the confluence with Abukuma River		2024/4/23	Cloudy	17.9	Dull yellow brown	Faint earth	loamy	< 9.1	280 ± 9.8	280	0.10	Dull yellow brown	Faint earth	Loamy	17 ± 2.6	1,100 ± 15	1,117	0.09	
					2024/5/9	Sunny	17.8	Dull yellow brown	Faint earth	loamy	< 8.5	250 ± 10	250	0.10	Dull yellow brown	Faint earth	Loamy	< 8.3	610 ± 15	610	0.08	
					2024/6/12	Sunny	32.9	Dull yellow brown	Faint earth	loamy	< 9.7	200 ± 10	200	0.08	Dull yellow brown	Faint earth	Loamy	12 ± 2.6	870 ± 20	882	0.09	
					2024/7/1	Cloudy	28.2	Dull yellow orange	Faint earth	loamy	< 7.5	430 ± 11	430	0.08	Brown	Faint earth	Loamy	< 7.6	280 ± 9.4	280	0.07	
					2024/8/23	Sunny	30.2	Brown	Faint earth	loamy	< 7.2	51 ± 5.0	51	0.07	Dull yellow brown	Faint earth	Loamy	< 9.1	280 ± 12	280	0.09	
					2024/9/20	Light Rain	24.8	Dull yellow brown	Faint earth	loamy	< 7.1	230 ± 9.0	230	0.07	Dark brown	Faint earth	Loamy	< 9.3	420 ± 12	420	0.08	
	87	Hattanda River	Hattanda Bridge		2024/5/21	Sunny	20.9	Dull yellow brown	Faint earth	loamy	41 ± 7.0	3,100 ± 55	3,141	0.12	Dark brown	Faint earth	Loamy	12 ± 2.6	630 ± 18	642	0.11	
					2024/6/12	Sunny	32.4	Brown	Faint earth	loamy	38 ± 4.5	2,200 ± 31	2,238	0.10	Brown	Faint earth	Loamy	24 ± 3.8	1,600 ± 24	1,624	0.11	
					2024/8/23	Sunny	30.0	Dull yellow brown	Faint earth	loamy	10 ± 2.5	700 ± 18	710	0.11	Dark brown	Faint earth	Loamy	< 5.6	52 ± 4.4	52	0.10	
	88	Surikami River	Totsuna Bridge		2024/5/17	Sunny	22.4	Dark brown	Faint earth	loamy	37 ± 4.9	2,500 ± 30	2,537	0.15	Dark brown	Faint earth	Loamy	36 ± 5.0	1,800 ± 27	1,836	0.18	
					2024/6/5	Sunny	26.4	Brownish black	Faint earth	loamy	56 ± 6.1	3,400 ± 44	3,456	0.13	Brownish black	Faint earth	Loamy	9.6 ± 1.9	1,200 ± 17	1,209.6	0.14	
					2024/8/24	Sunny	28.2	Brownish black	Faint earth	loamy	40 ± 5.6	3,200 ± 43	3,240	0.14	Dull yellow brown	Faint earth	Loamy	19 ± 3.5	1,000 ± 21	1,019	0.16	
	89		Before the confluence with Abukuma River		2024/4/23	Cloudy	15.8	Dark brown	Faint earth	loamy	35 ± 4.7	2,400 ± 28	2,435	0.19	Dull yellow brown	Faint earth	Loamy	42 ± 5.1	3,600 ± 39	3,642	0.24	
					2024/5/21	Sunny	21.2	Dark brown	Faint earth	loamy	45 ± 9.1	2,800 ± 60	2,845	0.19	Dark brown	Faint earth	Loamy	20 ± 4.7	2,000 ± 30	2,020	0.19	
					2024/6/12	Sunny	22.7	Brownish black	Faint earth	loamy	67 ± 11	3,900 ± 67	3,967	0.17	Brown	Faint earth	Loamy	43 ± 4.8	3,000 ± 36	3,043	0.17	
					2024/7/1	Cloudy	26.5	Brownish black	Faint earth	loamy	53 ± 6.1	3,700 ± 47	3,753	0.16	Dull yellow brown	Faint earth	Loamy	45 ± 4.8	2,200 ± 31	2,245	0.18	
					2024/8/23	Sunny	29.8	Dark brown	Faint earth	loamy	< 9.4	480 ± 15	480	0.17	Dark brown	Faint earth	Loamy	32 ± 4.0	2,200 ± 29	2,232	0.16	
					2024/9/20	Light Rain	25.2	Dark brown	Faint earth	loamy	15 ± 3.1	1,300 ± 26	1,315	0.16	Dark brown	Faint earth	Loamy	19 ± 3.5	1,300 ± 26	1,319	0.17	
	90	Abukuma River	Taisho Bridge	Date City	2024/4/24	Cloudy	13.0	Dull yellow brown	Faint earth	loamy	< 8.4	220 ± 10	220	0.12	Dull yellow brown	Faint earth	Loamy	110 ± 7.8	6,900 ± 56	7,010	0.18	
					2024/5/17	Sunny	22.9	Dull yellow brown	Faint earth	loamy	< 5.7	300 ± 8.6	300	0.13	Dull yellow brown	Faint earth	Loamy	60 ± 5.2	3,800 ± 31	3,860	0.17	
					2024/6/13	Sunny	25.4	Dull yellow brown	Faint earth	loamy	25 ± 4.0	1,400 ± 27	1,425	0.10	Dull yellow brown	Faint earth	Loamy	21 ± 3.9	1,600 ± 27	1,621	0.15	
					2024/7/2	Cloudy	28.3	Dull yellow brown	Faint earth	loamy	9.3 ± 2.1	620 ± 13	629.3	0.10	Dull yellow brown	Faint earth	Loamy	25 ± 3.7	1,700 ± 26	1,725	0.14	
					2024/8/24	Sunny	30.1	Dark brown	Faint earth	loamy	< 9.1	200 ± 9.6	200	0.10	Dull yellow brown	Faint earth	Loamy	120 ± 8.8	7,800 ± 63	7,920	0.18	
					2024/9/25	Cloudy	22.2	Dark brown	Faint earth	loamy	23 ± 5.2	1,700 ± 30	1,723	0.10	Dull yellow brown	Faint earth	Loamy	17 ± 3.6	1,200 ± 22	1,217	0.14	
	91	Hirose River	Tatenokoshi Bridge	Kawamata Town	2024/5/10	Sunny	28.7	Brownish black	Faint earth	loamy	25 ± 3.1	1,500 ± 21	1,525	0.12	Dark brown	Faint earth	Loamy	16 ± 2.7	880 ± 17	896	0.13	
					2024/6/7	Cloudy	21.8	Brownish black	Faint earth	loamy	28 ± 3.9	1,600 ± 29	1,628	0.11	Brownish black	Faint earth	Loamy	19 ± 2.9	1,200 ± 18	1,219	0.13	
					2024/8/22	Cloudy	28.8	Dull yellow brown	Faint earth	loamy	34 ± 4.8	1,900 ± 31	1,934	0.11	Dark brown	Faint earth	Loamy	16 ± 4.2	1,200 ± 26	1,216	0.14	
	92		Jizogawara Bridge		2024/5/21	Sunny	21.1	Dull yellow brown	Faint earth	loamy	43 ± 5.3	2,600 ± 37	2,643	0.17	Dark brown	Faint earth	Loamy	42 ± 5.1	2,800 ± 38	2,842	0.17	
					2024/6/13	Sunny	31.5	Dull yellow brown	Faint earth	loamy	95 ± 11	6,600 ± 79	6,695	0.17	Dull yellow brown	Faint earth	Loamy	24 ± 3.2	1,600 ± 19	1,624	0.14	
					2024/8/22	Cloudy	28.3	Dull yellow brown	Faint earth	loamy	27 ± 3.6	2,400 ± 27	2,427	0.16	Dark brown	Faint earth	Loamy	39 ± 6.2	2,900 ± 37	2,939	0.14	
	93	Oguni River	Before the confluence with Hirose River		2024/4/25	Sunny	20.6	Dull yellow brown	Faint earth	loamy	38 ± 4.4	2,400 ± 32	2,438	0.17	Dull yellow brown	Faint earth	Loamy	46 ± 5.3	2,400 ± 35	2,446	0.16	
					2024/5/21	Sunny	21.3	Dark brown	Faint earth	loamy	39 ± 5.3	2,000 ± 33	2,039	0.16	Dark brown	Faint earth	Loamy	27 ± 3.7	1,600 ± 26	1,627	0.16	
					2024/6/13	Sunny	31.6	Dull yellow brown	Faint earth	loamy	11 ± 2.4	750 ± 13	761	0.13	Dull yellow brown	Faint earth	Loamy	< 7.9	220 ± 9.6	220	0.14	
					2024/7/2	Cloudy	29.1	Dull yellow brown	Faint earth	loamy	< 9.1	640 ± 17	640	0.13	Dull yellow brown	Faint earth	Loamy	< 7.4	240 ± 9.0	240	0.12	
					2024/8/22	Cloudy	28.4	Dark brown	Faint earth	loamy	17 ± 3.0	1,100 ± 19	1,117	0.14	Dark brown	Faint earth	Loamy	40 ± 4.4	2,300 ± 31	2,340	0.13	
					2024/9/25	Light Rain	21.3	Brownish black	Faint earth	loamy	17 ± 5.6	1,700 ± 31	1,717	0.14	Dark brown	Faint earth	Loamy	9.6 ± 2.3	480 ± 15	489.6	0.14	
	94	Hirose River	Before the confluence with Abukuma River		2024/4/24	Cloudy	15.0	Dull yellow brown	Faint earth	loamy	< 5.7	190 ± 7.4	190	0.09	Dull yellow brown	Faint earth	Loamy	27 ± 2.9	1,700 ± 19	1,727	0.12	
					2024/5/9	Cloudy	18.8	Dark brown	Faint earth	loamy	< 9.1	110 ± 7.8	110	0.08	Dull yellow brown	Faint earth	Loamy	30 ± 5.2	2,100 ± 40	2,130	0.13	
					2024/6/13	Sunny	28.6	Dark brown	Faint earth	loamy	< 9.3	180 ± 9.8	180	0.08	Brown	Faint earth	Loamy	23 ± 3.3	1,000 ± 21	1,023	0.11	
					2024/7/2	Sunny	29.4	Dark brown	Faint earth	loamy	< 8.1	130 ± 7.6	130	0.08	Dull yellow brown	Faint earth	Loamy	< 9.1	400 ± 14	400	0.11	
					2024/8/22	Cloudy	30.3	Dark brown	Faint earth	loamy	< 5.3	7.1 ± 2.2	7.1	0.10	Dull yellow brown	Faint earth	Loamy	7.4 ± 2.2	460 ± 11	467.4	0.11	
					2024/9/25	Light Rain	21.1	Brown	Faint earth	loamy	< 9.7	61 ± 5.4	61	0.07	Brown	Faint earth	Loamy	16 ± 2.8	1,200 ± 24	1,216	0.11	
	95	Kurokawa River	Prefectural border with Tochigi	Shirakawa City	2024/5/28	Light Rain	17.6	Brownish black	Faint earth	loamy	35 ± 5.9	3,000 ± 47	3,035	0.14	Brownish black	Faint earth	Loamy	54 ± 6.5	3,600 ± 49	3,654	0.16	
					2024/6/26	Cloudy	23.6	Brownish black	Faint earth	loamy	54 ± 7.2	3,700 ± 49	3,754	0.14	Brownish black	Faint earth	Loamy	79 ± 8.1	5,300 ± 61	5,379	0.15	
					2024/8/23	Cloudy	25.7	Brownish black	Faint earth	loamy	12 ± 2.7	810 ± 19	822	0.13	Brownish black	Faint earth	Loamy	14 ± 3.1	1,100 ± 20	1,114	0.14	
	96	Kujigawa River	Matsuoka Bridge	Tanagura Town	2024/5/14	Sunny	19.7	Dark brown	Faint earth	loamy	< 8.6	300 ± 12	300	0.10	Dark brown	Faint earth	Loamy	9.9 ± 2.4	480 ± 14	489.9	0.12	
					2024/6/7	Cloudy	20.5	Dark brown	Faint earth	loamy	< 9.5	170 ± 9.5	170	0.09	Brownish black	Faint earth	Loamy	< 6.8	25 ± 3.4	25	0.10	
					2024/8/22	Cloudy	29.0	Dark brown	Faint earth	loamy	< 8.8	280 ± 12	280	0.09	Grayish yellow brown	Faint earth	Loamy	< 6.8	34 ± 3.8	34	0.09	
	97		Takachihara Bridge	Yamatsuri Town	2024/5/14	Sunny	22.1	Dark brown	Faint earth	loamy	< 6.2	28 ± 3.9	28	0.09	Brownish black	Faint earth	Loamy	< 7.7	140 ± 8.6	140	0.08	
					2024/6/7	Cloudy	28.7	Brownish black	Faint earth	loamy	< 9.8	110 ± 7.2	110	0.08	Brownish black	Faint earth	Loamy	< 8.4	340 ± 11	340	0.09	
					2024/8/22	Cloudy	27.8	Dull yellow brown	Faint earth	loamy	< 9.6	43 ± 4.9	43	0.08	Brownish black	Faint earth	Loamy	< 8.5	140 ± 7.5	140	0.08	

Fukushima Lakes(Water_Nakadori) 1/4

	Location					Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water											
										General items									Activity concentration(Bq/L)		Remarks
																			Radioactive cesium		
	No.	Location		Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	165	Surikamigawa Dam Reservoir		Fukushima City	Surface layer	2024/5/7	Light Rain	16.3	74.0	15.5	0.5	Dark grayish yellow green	None	4.0	3.9	<1	1.5	< 0.89	< 0.81	
					Deep layer					7.0	73.0	-	None		4.8	2	1.7	< 0.84	< 0.69	
					Surface layer	2024/6/12	Sunny	27.5	60.1	23.8	0.5	Dark grayish yellow green	None	4.0	4.1	<1	0.5	< 0.75	< 0.68	
					Deep layer					8.7	59.1	-	None		4.4	<1	0.7	< 0.61	< 0.61	
					Surface layer	2024/8/5	Cloudy	31.1	72.1	29.3	0.5	Dark grayish yellowish green	None	5.0	4.6	<1	0.4	< 0.51	< 0.58	
					Deep layer					9.8	71.1	-	None		5.7	2	1.1	< 0.81	< 0.82	
					Surface layer	2024/10/4	Light Rain	20.1	52.2	21.6	0.5	Dark grayish yellow green	None	5.0	5.2	<1	1.1	< 0.41	< 0.74	
					Deep layer					9.2	51.2	-	None		5.1	2	1.7	< 0.48	< 0.66	
					Surface layer	2024/12/3	Sunny	9.8	66.5	10.8	0.5	Dark grayish yellow green	None	5.0	5.4	<1	1.3	< 0.65	< 0.64	
					Deep layer					7.1	65.5	-	None		7.6	<1	1.9	< 0.57	< 0.90	
					Surface layer	2024/12/26	Light Rain	4.8	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
	166		Lake Handanuma	Kori Town	Surface layer	2024/5/7	Light Rain	19.2	0.8	18.0	0.0	Grayish yellow green	None	>0.8	11.6	<1	1.5	< 0.89	< 0.70	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/5	Sunny	21.3	0.4	21.5	0.0	Grayish yellow green	None	>0.4	12.5	<1	1.0	< 0.77	< 0.62	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/7/2	Sunny	20.5	0.4	22.3	0.0	Grayish yellow green	None	>0.4	14.5	<1	0.7	< 0.60	< 0.50	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/5	Sunny	31.8	0.2	28.5	0.0	Grayish yellow green	None	>0.2	14.7	2	0.6	< 0.87	< 0.82	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/9/17	Sunny	27.1	0.3	24.5	0.0	Grayish yellow green	None	>0.3	10.7	<1	1.3	< 0.71	< 0.84	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/4	Cloudy	21.3	0.3	20.6	0.0	Grayish yellow green	None	>0.3	11.7	2	1.8	< 0.59	< 0.72	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/7	Light Rain	9.6	0.6	12.3	0.0	Grayish yellow green	None	0.3	12.6	<1	2.5	< 0.69	< 0.74	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/24	Sunny	-1.0	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Surface layer	2025/1/8	Light Snow	2.0	0.4	3.9	0.0	Grayish yellow green	None	>0.4	10.9	2	5.8	< 0.87	< 0.89	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2025/2/10	Sunny	1.8	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
		Kenpoku (farm pond)			Surface layer	2024/5/2	Sunny	20.0	0.6	21.0	0.0	Grayish yellow	None	>0.6	6.0	3	2.8	< 0.74	< 0.81	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/5	Cloudy	24.0	0.6	24.0	0.0	Grayish yellow	None	0.5	6.4	4	2.5	< 0.62	< 0.66	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/7	Light Rain	25.5	0.6	29.1	0.0	Grayish yellow	None	0.3	6.4	3	1.3	< 0.65	< 0.80	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/25	Sunny	23.3	0.7	21.4	0.0	Grayish yellow	None	0.3	6.7	3	2.2	< 0.75	< 0.79	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/9	Sunny	5.5	0.3	12.2	0.0	Grayish reddish yellow	None	>0.3	6.9	10	7.2	< 0.74	< 0.88	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/12	Sunny	4.9	0.4	5.7	0.0	Dark grayish reddish yellow	None	0.3	7.4	8	5.6	< 0.86	< 0.79	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	167		Oike	Motomiya City	Surface layer	2024/5/2	Sunny	20.0	0.6	21.0	0.0	Grayish yellow	None	>0.6	6.0	3	2.8	< 0.74	< 0.81	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/5	Cloudy	24.0	0.6	24.0	0.0	Grayish yellow	None	0.5	6.4	4	2.5	< 0.62	< 0.66	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/7	Light Rain	25.5	0.6	29.1	0.0	Grayish yellow	None	0.3	6.4	3	1.3	< 0.65	< 0.80	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/25	Sunny	23.3	0.7	21.4	0.0	Grayish yellow	None	0.3	6.7	3	2.2	< 0.75	< 0.79	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/9	Sunny	5.5	0.3	12.2	0.0	Grayish reddish yellow	None	>0.3	6.9	10	7.2	< 0.74	< 0.88	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/12	Sunny	4.9	0.4	5.7	0.0	Dark grayish reddish yellow	None	0.3	7.4	8	5.6	< 0.86	< 0.79	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water

Fukushima Lakes(Water_Nakadori) 2/4

	Location					Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water											Remarks
										General items									Activity concentration(Bq/L)		
																			Radioactive cesium		
	No.	Location		Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	168	Miharu Dam		Miharu Town	Surface layer	2024/5/1	Cloudy	17.0	27.1	14.5	0.5	Grayish yellow green	None	4.0	13.7	<1	0.9	< 0.72	< 0.62	
					Deep layer					11.1	26.1	-	None		13.5	2	1.5	< 0.77	< 0.77	
					Surface layer	2024/6/3	Cloudy	22.0	27.0	16.9	0.5	Grayish yellow green	None	2.0	14.3	4	2.8	< 0.80	< 0.86	
					Deep layer					15.1	26.0	-	None		13.9	3	1.7	< 0.75	< 0.76	
					Surface layer	2024/7/29	Sunny	33.8	22.9	26.1	0.5	Grayish yellow green	None	3.2	14.5	<1	1.3	< 0.82	< 0.69	
					Deep layer					25.3	21.9	-	None		14.6	4	2.1	< 0.62	< 0.66	
					Surface layer	2024/8/21	Cloudy	26.6	28.5	26.5	0.5	Grayish yellow green	None	2.0	13.3	8	3.0	< 0.75	< 0.77	
					Deep layer					25.9	27.5	-	None		13.1	9	3.8	< 0.75	< 0.70	
					Surface layer	2024/9/27	Sunny	28.5	25.4	25.0	0.5	Grayish yellow green	None	2.0	13.3	5	2.6	< 0.76	< 0.62	
					Deep layer					24.4	24.4	-	None		13.8	6	3.3	< 0.65	< 0.81	
					Surface layer	2024/10/25	Sunny	16.8	32.0	20.2	0.5	Grayish yellow green	None	2.0	13.9	5	3.0	< 0.64	< 0.91	
					Deep layer					19.5	31.0	-	None		14.0	6	3.3	< 0.66	< 0.61	
					Surface layer	2024/11/19	Sunny	5.1	25.7	15.0	0.5	Grayish yellow green	None	2.0	13.0	9	2.8	< 0.78	< 0.88	
					Deep layer					13.1	24.7	-	None		13.2	9	3.1	< 0.75	< 0.74	
					Surface layer	2024/12/12	Sunny	3.5	34.7	9.8	0.5	Dark grayish yellow green	None	2.0	13.8	4	3.1	< 0.73	< 0.68	
					Deep layer					9.4	33.7	-	None		14.5	5	4.7	< 0.73	< 0.72	
					Surface layer	2025/1/15	Cloudy	2.0	36.8	5.8	0.5	Grayish yellow green	None	3.0	14.9	<1	1.4	< 0.97	< 0.80	
					Deep layer					5.7	35.8	-	None		15.0	2	1.7	< 0.77	< 0.83	
					Surface layer	2025/2/10	Sunny	2.3	29.6	4.4	0.5	Grayish yellow green	None	3.5	16.1	<1	2.1	< 0.87	< 0.85	
					Deep layer					4.3	28.6	-	None		16.0	<1	1.0	< 0.78	< 0.72	
	169	Kenchu (farm pond)	Honokusa	Koriyama City	Surface layer	2024/5/1	Cloudy	15.0	7.5	18.0	0.5	Grayish yellow green	None	4.0	10.3	2	1.1	< 0.71	< 0.76	
					Deep layer					16.0	6.5	-	None		10.0	4	1.2	< 0.71	< 0.86	
					Surface layer	2024/6/13	Cloudy	23.8	7.3	27.1	0.5	Grayish yellow green	None	2.0	11.9	<1	0.5	< 0.75	< 0.61	
					Deep layer					21.3	6.3	-	None		11.5	2	1.8	< 0.81	< 0.88	
					Surface layer	2024/8/27	Cloudy	29.4	4.5	30.1	0.5	Grayish yellow green	None	2.0	10.7	5	1.6	< 0.69	< 0.75	
					Deep layer					29.7	3.5	-	None		10.7	2	0.9	< 0.47	< 0.70	
					Surface layer	2024/10/25	Sunny	22.5	6.2	19.7	0.5	Grayish yellow green	None	3.0	11.6	3	2.2	< 0.72	< 0.74	
					Deep layer					19.9	5.2	-	None		11.4	3	2.0	< 0.73	< 0.75	
					Surface layer	2024/11/19	Sunny	5.1	4.2	12.8	0.5	Grayish yellow green	None	1.5	10.7	7	5.3	< 0.83	< 0.73	
					Deep layer					12.1	3.2	-	None		10.6	7	5.3	< 0.76	< 0.79	
					Surface layer	2024/12/12	Sunny	4.9	5.3	7.2	0.5	Grayish yellow green	None	1.0	11.3	5	5.7	< 0.89	< 0.88	
					Deep layer					7.2	4.3	-	None		11.3	7	5.8	< 0.69	< 0.64	
	170	Lake Hatori		Tenei Village	Surface layer	2024/5/17	Sunny	15.0	28.5	17.3	0.5	Dark grayish yellow green	None	9.0	4.0	2	1.4	< 0.97	< 0.76	
					Deep layer					9.0	27.5	-	None		3.9	<1	0.6	< 0.74	< 0.61	
					Surface layer	2024/6/17	Sunny	24.7	25.5	22.9	0.5	Dark grayish yellow green	None	7.0	4.5	<1	0.6	< 0.93	< 0.76	
					Deep layer					10.8	24.5	-	None		4.1	<1	0.6	< 0.60	< 0.54	
					Surface layer	2024/8/16	Light Rain	26.1	13.4	25.3	0.5	Dark grayish yellow green	None	2.0	4.6	2	1.2	< 0.75	< 0.79	
					Deep layer					10.3	12.4	-	None		4.8	2	1.2	< 0.56	< 0.60	
					Surface layer	2024/10/30	Sunny	15.6	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
					Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
					Surface layer	2024/11/15	Sunny	12.6	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
					Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
					Surface layer	2024/12/23	Light Snow	-0.6	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
	171	Kenchu (farm pond)	Hirodaira	Sukagawa City	Surface layer	2024/5/2	Sunny	19.0	0.5	21.3	0.0	Dark grayish greenish yellow	None	>0.5	9.6	2	4.5	< 0.69	< 0.94	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/6	Sunny	25.0	0.6	27.4	0.0	Dark grayish greenish yellow	None	0.2	11.8	2	2.4	< 0.63	< 0.58	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/7	Sunny	29.3	0.6	29.5	0.0	Dark grayish greenish yellow	None	0.3	9.9	3	1.2	< 0.78	< 0.75	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/24	Sunny	20.2	0.6	19.1	0.0	Dark grayish greenish yellow	None	0.2	12.8	2	2.4	< 0.87	< 0.85	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/11	Sunny	18.4	0.3	13.2	0.0	Grayish greenish yellow	None	>0.3	11.6	7	4.4	< 0.68	< 0.64	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/23	Cloudy	3.2	0.6	2.9	0.0	Dark grayish greenish yellow	None	0.3	12.7	<1	1.0	< 0.54	< 0.70	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water

Fukushima Lakes(Water_Nakadori) 3/4

	Location					Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water											
										General items									Activity concentration(Bq/L)		Remarks
																			Radioactive cesium		
	No.	Location		Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	172	Sengosawa Dam Reservoir		Ishikawa Town	Surface layer	2024/5/2	Sunny	16.2	23.0	16.9	0.5	Dark grayish yellow green	None	4.0	8.8	3	2.3	< 0.89	< 0.70	
					Deep layer					8.7	22.0	-	None		9.7	2	1.9	< 0.66	< 0.88	
					Surface layer	2024/6/10	Cloudy	17.6	21.5	21.8	0.5	Grayish yellow green	None	2.0	9.4	<1	1.1	< 0.68	< 0.72	
					Deep layer					8.5	20.5	-	None		12.2	3	3.3	< 0.63	< 0.82	
					Surface layer	2024/8/7	Sunny	28.9	15.9	29.6	0.5	Dark grayish yellowish green	None	2.0	11.7	3	1.7	< 0.75	< 0.76	
					Deep layer					21.6	14.9	-	None		11.3	5	1.0	< 0.63	< 0.58	
					Surface layer	2024/10/24	Sunny	19.2	22.8	19.1	0.5	Dark grayish yellow green	None	3.0	11.0	2	2.0	< 0.69	< 0.81	
					Deep layer					10.7	21.8	-	None		15.8	4	4.5	< 0.72	< 0.66	
					Surface layer	2024/11/20	Sunny	11.3	22.9	12.8	0.5	Dark grayish yellow green	None	2.0	10.5	3	2.9	< 0.65	< 0.61	
					Deep layer					11.8	21.9	-	None		12.5	9	7.8	< 0.64	< 0.72	
					Surface layer	2024/12/23	Cloudy	4.0	22.3	6.5	0.5	Dark grayish yellow green	None	2.0	11.8	5	3.6	< 0.76	< 0.59	
					Deep layer					5.8	21.3	-	None		11.9	7	4.4	< 0.55	< 0.56	
	173	Kennan (farm pond)	Watariike	Yabuki Town	Surface layer	2024/5/7	Light Rain	16.0	1.4	19.2	0.0	Dark grayish greenish yellow	None	0.4	19.6	25	20	< 0.79	< 0.81	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/6	Sunny	19.0	1.3	25.6	0.0	Dark grayish greenish yellow	None	0.5	16.3	10	7.3	< 0.90	< 0.76	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/7	Cloudy	30.2	1.5	31.6	0.0	Dark grayish greenish yellow	None	0.5	21.5	10	2.4	< 0.68	< 0.76	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/24	Sunny	21.1	1.5	18.1	0.0	Dark grayish greenish yellow	None	0.5	21.5	13	5.2	< 0.81	< 0.66	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/11	Sunny	17.4	1.6	12.7	0.0	Grayish greenish yellow	None	1.0	19.9	5	3.8	< 0.81	< 1.0	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/12	Sunny	7.1	1.5	4.5	0.0	Grayish yellow green	None	>1.5	20.3	<1	1.7	< 0.83	< 0.64	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	174		Izumikawa	Shirakawa City	Surface layer	2024/5/7	Light Rain	16.0	1.2	17.0	0.0	Grayish greenish yellow	None	0.5	11.4	2	3.2	< 0.61	< 0.77	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/14	Sunny	31.7	0.3	26.6	0.0	Grayish greenish yellow	None	>0.3	11.7	<1	0.5	< 0.59	< 0.64	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/7	Sunny	29.6	1.1	29.6	0.0	Grayish greenish yellow	None	0.4	14.8	3	0.6	< 0.82	< 0.78	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/7	Cloudy	23.2	0.5	25.7	0.0	Grayish yellow green	None	>0.5	14.0	<1	1.5	< 0.83	< 0.77	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/14	Sunny	14.7	0.6	12.9	0.0	Grayish greenish yellow	None	0.4	13.8	3	2.5	< 0.80	< 0.78	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/12	Sunny	6.0	0.4	6.3	0.0	Light grayish yellow green	None	>0.4	14.9	<1	1.9	< 0.89	< 0.76	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	175	Hokkawa Dam		Nishigo Village	Surface layer	2024/5/7	Light Rain	14.0	26.5	15.2	0.5	Dark grayish yellow green	None	5.0	4.9	<1	1.3	< 0.77	< 0.75	
					Deep layer					13.5	25.5	-	None		4.8	<1	1.3	< 0.64	< 0.54	
					Surface layer	2024/6/14	Sunny	28.5	23.7	23.9	0.5	Grayish yellow green	None	6.0	5.3	<1	0.4	< 0.63	< 0.78	
					Deep layer					14.9	22.7	-	None		5.2	<1	0.7	< 0.71	< 0.68	
					Surface layer	2024/8/27	Cloudy	26.1	28.2	26.5	0.5	Dark grayish yellow green	None	3.0	6.3	2	0.8	< 0.53	< 0.62	
					Deep layer					21.3	27.2	-	None		6.1	8	1.7	< 0.85	< 0.68	
					Surface layer	2024/10/29	Sunny	12.1	28.5	16.4	0.5	Dark grayish yellow green	None	4.5	6.1	<1	0.7	< 0.75	< 1.0	
					Deep layer					16.1	27.5	-	None		6.0	<1	0.9	< 0.61	< 0.72	
					Surface layer	2024/11/15	Sunny	17.6	25.1	13.9	0.5	Dark grayish yellow green	None	5.0	5.5	<1	0.6	< 0.54	< 0.91	
					Deep layer					13.4	24.1	-	None		5.6	<1	1.0	< 0.63	< 0.52	
					Surface layer	2024/12/23	Light Snow	0.6	26.1	6.4	0.5	Dark grayish yellow green	None	4.5	6.2	<1	0.8	< 0.69	< 0.76	
					Deep layer					5.9	25.1	-	None		5.9	2	1.5	< 0.60	< 0.79	

Fukushima Lakes(Water_Nakadori) 4/4

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										
									General items								Activity concentration(Bq/L)		Remarks
																	Radioactive cesium		
	No.	Location	Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	176	Lake Nanko	Shirakawa City	Surface layer	2024/5/8	Cloudy	18.0	1.5	18.9	0.0	Dark grayish yellow green	None	1.4	52.0	3	2.4	< 0.71	< 0.70	
				Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
				Surface layer	2024/6/14	Sunny	32.2	1.1	30.1	0.0	Dark grayish yellow green	None	>1.1	57.7	<1	0.8	< 0.81	< 0.85	
				Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
				Surface layer	2024/8/16	Light Rain	25.9	1.5	29.8	0.0	Dark grayish yellow green	None	0.8	69.0	2	1.6	< 0.54	< 0.64	
				Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
				Surface layer	2024/10/7	Cloudy	24.7	1.2	26.6	0.0	Dark grayish yellow green	None	0.3	36.4	3	3.6	< 0.82	< 0.70	
				Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
				Surface layer	2024/11/15	Cloudy	14.3	1.3	14.8	0.0	Dark grayish yellow green	None	0.5	32.0	16	6.1	< 0.82	< 0.89	
				Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
				Surface layer	2024/12/12	Sunny	3.8	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
				Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.

* Reasons for difficulty in entering the study area include winter closures, winter road closures, typhoons and other disasters, construction, etc.

Fukushima Lakes(Sediment_Nakadori) 1/2

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																				
										General items																Activity concentration [Bq/kg(dry)]			
													Grain size distribution(%)								Sediment content (%)	Density (Mg/m^3)	Property	Radioactive cesium			Remarks
	No.	Location		Municipality					Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Lakes and Reservoirs	165	Surikamigawa Dam Reservoir		Fukushima City	2024/5/7	Light Rain	16.3	74.0	7.1	2	Gray	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.0	0.6	42.8	56.5	29.8	2.58	silt	12 ± 3.2	900 ± 20	912	
					2024/6/12	Sunny	27.5	60.1	8.3	3	Grayish olive	Faint sewage	0.0	0.0	0.1	0.0	1.1	21.8	39.1	37.9	51.0	2.63	silt	< 5.4	280 ± 8.4	280	
					2024/8/5	Cloudy	31.1	72.1	12.6	5	Olive black	Faint sewage	0.0	0.0	0.0	0.1	0.3	2.4	38.4	58.8	27.9	2.57	silt	12 ± 2.9	950 ± 17	962	
					2024/10/4	Light Rain	20.1	52.2	9.5	4	Grayish olive	Faint sewage	0.0	0.0	0.0	0.1	0.1	1.0	29.6	69.2	30.9	2.55	silt	18 ± 3.7	680 ± 15	698	
					2024/12/3	Sunny	9.8	66.5	5.8	5	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.0	0.9	32.8	66.2	30.8	2.62	silt	10 ± 1.6	790 ± 8.2	800	
					2024/12/26	Light Rain	4.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
	166	Kenpoku (farm pond)	Lake Handanuma	Kori Town	2024/5/7	Light Rain	19.2	0.8	17.8	3	Dull yellow brown	Faint sewage	0.0	0.1	9.1	16.2	36.1	21.4	6.7	10.4	65.5	2.65	sand/gravel	< 8.0	170 ± 8.5	170	
					2024/6/5	Sunny	21.3	0.4	19.9	3	Grayish yellow brown	None	0.0	0.3	15.7	18.2	41.2	18.7	2.2	3.7	71.0	2.66	sand/gravel	< 8.1	160 ± 8.5	160	
					2024/7/2	Sunny	20.5	0.4	22.5	3	Grayish yellow brown	Faint sewage	0.0	0.1	16.4	32.3	36.4	11.3	1.5	2.0	72.1	2.67	sand/gravel	< 8.3	140 ± 7.9	140	
					2024/8/5	Sunny	31.8	0.2	28.9	3	Dull yellow brown	Faint sewage	0.0	0.2	19.3	27.4	37.0	12.7	1.9	1.5	72.0	2.65	sand/gravel	< 7.6	250 ± 11	250	
					2024/9/17	Sunny	27.1	0.3	24.8	3	Dull yellow brown	None	0.0	0.0	13.9	14.5	32.3	28.9	5.0	5.4	69.0	2.63	sand/gravel	< 7.6	260 ± 11	260	
					2024/10/4	Cloudy	21.3	0.3	20.4	3	Dull yellow brown	None	0.0	0.7	29.2	16.9	25.1	17.9	4.6	5.6	68.3	2.59	sand/gravel	< 9.4	210 ± 10	210	
					2024/11/7	Light Rain	9.6	0.6	12.1	3	Dull yellow brown	None	0.0	0.0	18.9	21.2	39.9	16.6	2.2	1.2	72.3	2.67	sand/gravel	< 6.9	210 ± 9.8	210	
					2024/12/24	Sunny	-1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					2025/1/8	Light Snow	2.0	0.4	4.0	4	Dull yellow brown	None	0.0	0.4	33.7	33.7	24.4	5.2	1.4	1.2	76.8	2.65	sand/gravel	< 7.6	230 ± 10	230	
					2025/2/10	Sunny	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
	167		Oike	Motomiya City	2024/5/2	Sunny	20.0	0.6	19.5	3	Dark grayish yellow	Faint sewage	0.0	0.1	11.8	25.1	37.7	19.1	2.6	3.6	68.8	2.62	sand/silt	< 8.0	380 ± 13	380	
					2024/6/5	Cloudy	24.0	0.6	21.3	3	Dark grayish yellow	Faint sewage	0.0	0.1	14.1	24.5	41.5	16.9	1.7	1.2	72.7	2.62	sand/gravel	< 6.7	200 ± 9.1	200	
					2024/8/7	Light Rain	25.5	0.6	28.5	3	Yellowish gray	None	0.0	0.2	16.8	27.1	34.3	17.8	2.2	1.6	75.1	2.60	sand/silt	< 9.6	340 ± 13	340	
					2024/10/25	Sunny	23.3	0.7	18.9	3	Dark grayish yellow	Faint sewage	0.0	0.1	18.7	22.1	36.3	18.0	2.5	2.3	68.0	2.62	sand/gravel	9.4 ± 1.8	610 ± 12	619.4	
					2024/11/9	Sunny	5.5	0.3	11.1	3	Dull yellow brown	None	0.0	0.1	15.8	30.5	34.3	15.3	2.5	1.5	73.6	2.62	sand/gravel	< 8.8	360 ± 14	360	
					2024/12/12	Sunny	4.9	0.4	5.9	3	Dark grayish yellow	Faint phytoplankton	0.0	1.9	10.5	23.4	41.4	18.2	2.2	2.4	70.9	2.63	sand/gravel	< 6.7	200 ± 9.9	200	
	168	Miharu Dam		Miharu Town	2024/5/1	Cloudy	17.0	27.1	10.5	4	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.3	0.6	3.6	39.1	56.4	24.5	2.56	silt	< 9.7	370 ± 9.7	370	
					2024/6/3	Cloudy	22.0	27.0	13.6	4	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.3	5.6	49.0	45.0	23.0	2.57	silt	< 8.5	420 ± 11	420	
					2024/7/29	Sunny	33.8	22.9	14.8	4	Olive black	Faint hydrogen sulfide	0.0	0.2	16.3	12.3	16.6	11.9	18.0	24.7	37.1	2.62	silt/sand	< 8.8	180 ± 8.9	180	
					2024/8/21	Cloudy	26.6	28.5	11.8	3	Olive black	Faint sewage	0.0	0.0	0.0	0.1	0.2	0.3	60.2	39.2	23.9	2.46	silt	< 8.2	460 ± 9.0	460	
					2024/9/27	Sunny	28.5	25.4	14.5	4	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.3	1.1	62.6	35.9	23.1	2.53	silt	< 10	260 ± 8.7	260	
					2024/10/25	Sunny	16.8	32.0	17.6	4	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.2	0.5	59.8	39.4	19.2	2.50	silt	< 9.1	230 ± 7.5	230	
					2024/11/19	Sunny	5.1	25.7	8.2	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.2	0.3	46.7	52.8	17.0	2.49	silt	< 9.3	250 ± 7.1	250	
					2024/12/12	Sunny	3.5	34.7	7.6	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.4	0.6	67.7	31.3	16.7	2.49	silt	< 9.8	390 ± 10	390	
					2025/1/15	Cloudy	2.0	36.8	7.0	4	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	0.5	76.6	22.8	19.7	2.51	silt	< 9.1	310 ± 8.1	310	
					2025/2/10	Sunny	2.3	29.6	4.8	3	Grayish olive	Faint sewage	0.0	0.0	0.0	0.1	0.1	0.4	23.9	75.5	16.7	2.48	silt	< 9.6	350 ± 9.8	350	
	169	Kenchu (farm pond)	Honokusa	Koriyama City	2024/5/1	Cloudy	15.0	7.5	14.0	4	Olive black	Faint sewage	0.0	0.0	0.7	5.0	7.8	17.0	31.8	37.7	33.8	2.56	silt	24 ± 6.6	1,500 ± 32	1,524	
					2024/6/13	Cloudy	23.8	7.3	18.6	3	Olive black	Faint sewage	0.0	0.0	1.9	5.3	17.2	34.5	15.5	25.6	50.3	2.60	sand/silt	< 9.3	570 ± 15	570	
					2024/8/27	Cloudy	29.4	4.5	19.7	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.8	6.2	12.9	11.3	28.8	40.0	33.2	2.56	sand/silt	20 ± 5.4	1,400 ± 31	1,420	
					2024/10/25	Sunny	22.5	6.2	19.2	3	Olive black	Faint sewage	0.0	0.0	2.3	10.1	13.2	11.3	29.2	33.9	34.3	2.62	sand/silt	12 ± 2.6	1,200 ± 19	1,212	
					2024/11/19	Sunny	5.1	4.2	10.2	3	Grayish olive	Faint sewage	0.0	0.0	0.0	0.0	0.1	1.0	34.8	64.1	23.4	2.53	silt	20 ± 5.0	1,700 ± 34	1,720	
					2024/12/12	Sunny	4.9	5.3	7.3	3	Olive black	Faint sewage	0.0	0.0	0.0	1.0	4.3	27.6	29.7	37.4	35.3	2.57	silt	13 ± 2.9	950 ± 23	963	
	170	Lake Hatori		Tenei Village	2024/5/17	Sunny	15.0	28.5	6.5	4	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.2	0.3	60.0	39.5	24.7	2.46	silt	58 ± 8.8	4,100 ± 62	4,158	
					2024/6/17	Sunny	24.7	25.5	7.6	4	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.0	0.1	33.7	66.1	24.9	2.46	silt	58 ± 6.4	3,300 ± 44	3,358	
					2024/8/16	Light Rain	26.1	13.4	9.4	4	Dark grayish yellow	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	1.3	47.2	51.4	24.7	2.44	silt	58 ± 11	3,600 ± 77	3,658	
					2024/10/30	Sunny	15.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
					2024/11/15	Sunny	12.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
					2024/12/23	Light Snow	-0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
	171	Kenchu (farm pond)	Hirodaira	Sukagawa City	2024/5/2	Sunny	19.0	0.5	19.5	4	Brownish black	Faint sewage	0.0	0.0	3.1	12.5	25.9	15.1	16.3	27.1	61.9	2.67	sand/silt	< 5.7	44 ± 3.8	44	
					2024/6/6	Sunny	25.0	0.6	25.7	3	Grayish olive	Faint sewage	0.0	0.0	3.6	13.9	32.1	15.0	11.4	24.0	57.6	2.67	sand/silt	< 8.2	33 ± 4.0	33	
					2024/8/7	Sunny	29.3	0.6	28.2	3	Grayish olive	Faint sewage	0.0	0.2	10.5	24.5	33.8	10.8	8.9	11.3	71.0	2.70	sand/silt	< 6.3	36 ± 3.4	36	
					2024/10/24	Sunny	20.2	0.6	19.1	3	Grayish olive	Faint sewage	0.0	0.2	10.5	14.4	34.8	15.2	12.7	12.2	70.3	2.71	sand/silt	< 7.1	36 ± 4.4	36	
					2024/11/11	Sunny	18.4	0.3	11.9	3	Olive brown	Faint swamp	0.0	0.1	8.9	13.3	25.6	12.3	11.1	28.7	52.1	2.69	sand/gravel	< 9.6	39 ± 4.9	39	
					2024/12/23	Cloudy	3.2	0.6	3.0	3	Grayish olive	Faint sewage	0.0	0.0	4.7	12.7	22.4	11.4	15.5	33.3	63.3	2.69	sand/silt	< 5.9	13 ± 2.1	13	
	172	Sengosawa Dam Reservoir		Ishikawa Town	2024/5/2	Sunny	16.2	23.0	6.8	4	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	0.2	25.6	74.1	20.9	2.54	silt	< 9.7	290 ± 8.5	290	
					2024/6/10	Cloudy	17.6	21.5	5.9	3	Olive black	Faint sewage	0.0	0.0	0.0	0.3	1.4	1.5	43.1	53.7	22.2	2.57	silt	< 8.5	210 ± 7.4	210	
					2024/8/7	Sunny	28.9	15.9	13.7	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.8	0.7	0.7	0.9	31.9	65.0	25.7	2.55	silt	< 8.4	310 ± 8.6	310	
					2024/10/24	Sunny	19.2	22.8	9.1	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.3	0.6	30.3	68.7	16.2	2.54	silt	< 7.3	290 ± 7.1	290	
					2024/11/20	Sunny	11.3	22.9	7.4	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.2	0.3	38.8	60.6	18.5	2.53	silt	< 7.3	360 ± 6.6	360	
					2024/12/23	Cloudy	4.0	22.3	6.0	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.2	0.6	71.5	27.7	21.0	2.53	silt	< 9.4	190 ± 8.2	190	
	173	Kennan (farm pond)	Watariike	Yabuki Town	2024/5/7	Light Rain	16.0	1.4	19.0	4	Olive black	Faint hydrogen sulfide	0.0	0.0	0.2	0.3	3.3	13.0	34.7	48.5	23.6	2.48	silt	11 ± 3.5	600 ± 16	611	
					2024/6/6	Sunny	19.0	1.3	22.8	4	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.2	1.2	8.3	48.2	42.1	23.6	2.51	silt	< 9.2	550 ± 11	550	
					2024/8/7	Cloudy	30.2	1.5	29.1	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.9	5.6	24.2	69.2	20.0	2.45	silt	12 ± 3.0	580 ± 13	592	
					2024/10/24	Sunny	21.1	1.5	17.8	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	1.8	8.2	31.6	58.3	23.6	2.52	silt	< 9.8	460 ± 10	460	
					2024/11/11	Sunny	17.4	1.6	12.2	4	Olive black	Faint swamp	0.0	0.0	0.0	0.2	1.7	4.4	34.1	59.6	18.9	2.42	silt	9.4 ± 1.8	610 ± 11	619.4	
					2024/12/12	Sunny	7.1	1.5	4.0	4	Brownish black	Faint ditch	0.0	0.0	0.5	1.0	3.5	6.0	60.4	28.6	21.3	2.46	silt	< 9.5	610 ± 12	610	

Fukushima Lakes(Sediment_Nakadori) 2/2

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																								Remarks
									Sediment temperature (℃)	General items																		Activity concentration［Bq/kg(dry)］				
										Sample length (cm)	Color	Odor	Grain size distribution(%)									Sediment content (%)	Density (Mg/m^3)	Property	Radioactive cesium				
	No.	Location		Municipality									Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Lakes and Reservoirs	174	Kennan (farm pond)	Izumikawa	Shirakawa City	2024/5/7	Light Rain	16.0	1.2	16.8	3	Dark brown	Faint sewage	0.0	0.4	17.0	15.5	22.0	13.1	11.3	20.7	62.5	2.57	sand/silt	12 ± 2.3	850 ± 11	862	
					2024/6/14	Sunny	31.7	0.3	26.7	3	Brownish black	Faint sewage	0.0	0.4	24.0	24.4	27.5	12.7	3.9	7.1	76.5	2.62	sand/silt	9.3 ± 1.6	560 ± 8.7	569.3	
					2024/8/7	Sunny	29.6	1.1	27.6	3	Brownish black	Faint sewage	0.0	0.3	19.1	16.2	31.5	15.1	6.9	10.9	75.4	2.68	sand/silt	< 7.2	140 ± 7.0	140	
					2024/10/7	Cloudy	23.2	0.5	20.5	3	Brownish black	None	0.0	0.8	17.4	15.7	30.1	15.2	7.7	13.1	59.4	2.61	sand/silt	< 7.8	98 ± 6.5	98	
					2024/11/14	Sunny	14.7	0.6	12.5	3	Grayish yellow brown	None	0.0	3.4	30.6	25.7	27.4	8.2	2.9	1.8	81.2	2.68	gravel/sand	14 ± 2.7	480 ± 14	494	
					2024/12/12	Sunny	6.0	0.4	5.2	3	Dark brown	None	0.0	2.1	28.9	19.6	24.7	10.6	4.8	9.3	72.1	2.66	sand/gravel	22 ± 4.0	1,300 ± 24	1,322	
	175	Hokkawa Dam		Nishigo Village	2024/5/7	Light Rain	14.0	26.5	11.5	4	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.2	1.1	65.3	33.4	24.3	2.38	silt	24 ± 4.2	1,300 ± 20	1,324	
					2024/6/14	Sunny	28.5	23.7	9.3	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.0	1.3	69.2	29.4	30.5	2.41	silt	< 8.3	330 ± 11	330	
					2024/8/27	Cloudy	26.1	28.2	15.5	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.2	0.5	65.1	34.1	22.3	2.43	silt	14 ± 3.4	1,000 ± 17	1,014	
					2024/10/29	Sunny	12.1	28.5	12.9	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.1	0.6	59.3	39.9	24.1	2.45	silt	< 7.9	390 ± 9.9	390	
					2024/11/15	Sunny	17.6	25.1	10.1	3	Dark olive brown	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.2	1.3	54.8	43.6	26.0	2.45	silt	< 9.9	410 ± 11	410	
					2024/12/23	Light Snow	0.6	26.1	6.2	3	Dark olive brown	Faint hydrogen sulfide	0.0	0.0	0.1	0.2	0.5	1.2	61.5	36.5	22.3	2.44	silt	25 ± 5.7	1,900 ± 38	1,925	
	176	Lake Nanko		Shirakawa City	2024/5/8	Cloudy	18.0	1.5	18.8	4	Black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	1.0	2.8	47.5	48.6	14.4	2.26	silt	40 ± 13	2,200 ± 60	2,240	
					2024/6/14	Sunny	32.2	1.1	24.4	3	Black	Faint hydrogen sulfide	0.0	0.0	0.0	0.3	0.2	0.6	25.3	73.6	12.2	2.21	silt	49 ± 10	3,200 ± 66	3,249	
					2024/8/16	Light Rain	25.9	1.5	27.7	4	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.2	0.6	1.4	49.5	48.3	13.7	2.27	silt	38 ± 7.6	2,200 ± 51	2,238	
					2024/10/7	Cloudy	24.7	1.2	22.0	5	Black	Faint hydrogen sulfide	0.0	0.0	0.0	0.3	0.4	0.7	51.3	47.3	13.1	2.21	silt	62 ± 13	2,900 ± 64	2,962	
					2024/11/15	Cloudy	14.3	1.3	14.9	3	Black	Faint hydrogen sulfide	0.0	0.0	0.0	0.3	0.4	1.8	35.0	62.5	13.5	2.30	silt	42 ± 9.4	2,200 ± 61	2,242	
					2024/12/12	Sunny	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.

* Reasons for difficulty in entering the study area include winter closures, winter road closures, typhoons and other disasters, construction, etc.

Fukushima Lakes(SE_Nakadori) 1/1

	No.	Location		Municipality	Sampling Date	Weather	Air temperature (℃)	Surrounding Environment(Soil,Air dose)						Air dose (μSv/h)	Remarks
								Soil							
								Color	Odor	Property	Activity concentration ［Bq/kg(dry)］ Radioactive cesium				
											Cs-134	Cs-137	Total		
Lakes and Reservoirs	165	Surikamigawa Dam Reservoir		Fukushima City	2024/5/7	Light Rain	16.3	Brown	Faint earth	loamy	9.5 ± 2.1	760 ± 16	769.5	0.10	
					2024/6/12	Sunny	27.5	Brown	Faint earth	loamy	14 ± 2.9	700 ± 19	714	0.09	
					2024/8/5	Cloudy	31.1	Dark brown	Faint earth	loamy	12 ± 2.6	680 ± 16	692	0.10	
	166	Kenpoku (farm pond)	Lake Handanuma	Kori Town	2024/5/7	Light Rain	19.2	Brownish black	Faint earth	loamy	58 ± 6.5	4,000 ± 46	4,058	0.24	
					2024/6/5	Sunny	21.3	Brownish black	Faint earth	loamy	27 ± 3.8	1,700 ± 22	1,727	0.19	
					2024/7/2	Sunny	20.5	Dull yellow brown	Faint earth	loamy	32 ± 6.4	1,400 ± 41	1,432	0.18	
					2024/8/5	Sunny	31.8	Dark brown	Faint earth	loamy	51 ± 6.8	3,200 ± 51	3,251	0.22	
					2024/9/17	Sunny	27.1	Brownish black	Faint earth	loamy	24 ± 5.5	2,200 ± 31	2,224	0.21	
	167		Oike	Motomiya City	2024/5/2	Sunny	20.0	Dull yellow brown	Faint earth	loamy	21 ± 4.1	1,700 ± 29	1,721	0.24	
					2024/6/5	Cloudy	24.0	Dull yellow brown	Faint earth	loamy	47 ± 5.1	3,400 ± 30	3,447	0.24	
					2024/8/7	Light Rain	25.5	Dull yellow brown	Faint earth	loamy	20 ± 4.3	1,400 ± 24	1,420	0.26	
	168	Miharu Dam		Miharu Town	2024/5/1	Cloudy	17.0	Dull yellow brown	Faint earth	loamy	11 ± 2.6	440 ± 15	451	0.13	
					2024/6/3	Cloudy	22.0	Dull yellow brown	Faint earth	loamy	< 8.3	150 ± 8.1	150	0.11	
					2024/7/29	Sunny	33.8	Brown	Faint earth	loamy	23 ± 4.6	890 ± 23	913	0.11	
					2024/8/21	Cloudy	26.6	Dull yellow brown	Faint earth	loamy	< 8.9	570 ± 14	570	0.11	
					2024/9/27	Sunny	28.5	Dark brown	Faint earth	loamy	< 8.6	230 ± 11	230	0.12	
	169	Kenchu (farm pond)	Honokusa	Koriyama City	2024/5/1	Cloudy	15.0	Brownish black	Faint earth	loamy	43 ± 5.3	2,600 ± 32	2,643	0.15	
					2024/6/13	Cloudy	23.8	Brownish black	Faint earth	loamy	30 ± 5.4	2,300 ± 31	2,330	0.14	
					2024/8/27	Cloudy	29.4	Brownish black	Faint earth	loamy	27 ± 5.4	2,200 ± 33	2,227	0.13	
	170	Lake Hatori		Tenei Village	2024/5/17	Sunny	15.0	Brownish black	Faint earth	loamy	< 8.6	310 ± 12	310	0.07	
					2024/6/17	Sunny	24.7	Brownish black	Faint earth	loamy	< 7.7	260 ± 9.1	260	0.07	
					2024/8/16	Light Rain	26.1	Dark brown	Faint earth	loamy	< 7.6	300 ± 11	300	0.06	
	171	Kenchu (farm pond)	Hirodaira	Sukagawa City	2024/5/2	Sunny	19.0	Brownish black	Faint earth	loamy	< 7.6	160 ± 8.4	160	0.08	
					2024/6/6	Sunny	25.0	Brownish black	Faint earth	loamy	< 10	230 ± 11	230	0.08	
					2024/8/7	Sunny	29.3	Brownish black	Faint earth	loamy	< 7.1	250 ± 10	250	0.07	
	172	Sengosawa Dam Reservoir		Ishikawa Town	2024/5/2	Sunny	16.2	Brownish black	Faint earth	loamy	< 8.6	220 ± 11	220	0.08	
					2024/6/10	Cloudy	17.6	Brownish black	Faint earth	loamy	11 ± 2.6	480 ± 13	491	0.08	
					2024/8/7	Sunny	28.9	Dark brown	Faint earth	loamy	< 9.4	200 ± 10	200	0.12	
	173	Kennan (farm pond)	Watariike	Yabuki Town	2024/5/7	Light Rain	16.0	Dark brown	Faint earth	loamy	< 6.7	34 ± 4.4	34	0.06	
					2024/6/6	Sunny	19.0	Dark brown	Faint earth	loamy	< 5.9	65 ± 5.4	65	0.06	
					2024/8/7	Cloudy	30.2	Dark brown	Faint earth	loamy	< 8.4	40 ± 4.6	40	0.06	
	174		Izumikawa	Shirakawa City	2024/5/7	Light Rain	16.0	Brownish black	Faint earth	loamy	17 ± 3.0	1,100 ± 21	1,117	0.17	
					2024/6/14	Sunny	31.7	Dull yellow brown	Faint earth	loamy	20 ± 3.7	960 ± 23	980	0.15	
					2024/8/7	Sunny	29.6	Brownish black	Faint earth	loamy	14 ± 2.7	1,100 ± 19	1,114	0.18	
	175	Hokkawa Dam		Nishigo Village	2024/5/7	Light Rain	14.0	Brown	Faint earth	loamy	36 ± 5.4	2,100 ± 38	2,136	0.15	
					2024/6/14	Sunny	28.5	Brown	Faint earth	loamy	28 ± 7.5	2,300 ± 44	2,328	0.10	
					2024/8/27	Cloudy	26.1	Brown	Faint earth	loamy	27 ± 5.0	2,100 ± 39	2,127	0.11	
	176	Lake Nanko		Shirakawa City	2024/5/8	Cloudy	18.0	Brownish black	Faint earth	loamy	< 8.5	250 ± 12	250	0.06	
					2024/6/14	Sunny	32.2	Brownish black	Faint earth	loamy	< 8.9	190 ± 11	190	0.06	
					2024/8/16	Light Rain	25.9	Brownish black	Faint earth	loamy	< 9.6	540 ± 13	540	0.06	

Fukushima River(Water_Aizu) 1/4

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
									General items									Activity concentration(Bq/L)	
																		Radioactive cesium	
	No.	Water Area	Location	Municipality					Water temperature (℃)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Rivers	98	Agano River	Tajima Bridge	Minamiaizu Town	2024/5/8	Cloudy	15.0	0.3	16.2	0.0	Grayish yellow green	None	>100	5.2	2	1.2	< 0.65	< 0.84	
					2024/6/19	Sunny	25.1	0.3	22.9	0.0	Grayish yellow green	None	>100	5.4	3	0.8	< 0.75	< 0.79	
					2024/8/26	Sunny	24.5	0.3	22.3	0.0	Grayish yellow green	None	40	5.5	12	1.7	< 0.65	< 0.52	
					2024/10/21	Sunny	9.1	0.3	12.6	0.0	Grayish yellow green	None	>100	5.8	<1	0.8	< 0.75	< 0.75	
					2024/11/14	Sunny	12.4	0.3	12.1	0.0	Grayish yellow green	None	>100	6.1	<1	0.9	< 0.72	< 0.64	
					2024/12/10	Cloudy	3.4	0.3	6.2	0.0	Grayish yellow green	None	>100	5.8	<1	0.8	< 0.73	< 0.61	
	99		Okawa Bridge	Aizuwakamatsu City	2024/5/16	Sunny	22.0	0.4	17.9	0.0	Grayish yellow green	None	>100	6.0	2	1.6	< 0.78	< 0.83	
					2024/6/27	Sunny	26.9	0.5	19.5	0.0	Light grayish yellow green	None	>100	7.5	2	1.0	< 0.79	< 0.78	
					2024/8/26	Sunny	26.7	0.6	24.4	0.0	Grayish yellow green	None	60	7.0	2	0.8	< 0.63	< 0.81	
					2024/10/21	Sunny	13.1	0.4	16.5	0.0	Grayish yellow green	None	>100	6.8	2	1.9	< 0.78	< 0.82	
					2024/11/18	Cloudy	6.8	0.5	12.2	0.0	Grayish yellow green	None	>100	7.2	3	1.2	< 0.64	< 0.75	
					2024/12/10	Sunny	6.7	0.5	7.7	0.0	Grayish yellow green	None	>100	7.3	<1	1.0	< 0.81	< 0.78	
	100		Takimi Bridge		2024/5/21	Cloudy	20.2	0.4	12.3	0.0	Light grayish yellow green	None	81	13.0	5	1.3	< 0.64	< 0.82	
					2024/6/14	Sunny	27.4	0.3	22.6	0.0	Grayish yellow green	None	58	12.9	7	1.6	< 0.74	< 0.81	
					2024/8/27	Cloudy	25.2	0.3	22.8	0.0	Grayish yellow green	None	43	13.1	12	2.3	< 0.87	< 0.75	
					2024/10/21	Sunny	17.1	0.2	16.3	0.0	Grayish yellow green	None	>100	12.2	4	2.2	< 0.75	< 0.79	
					2024/11/18	Sunny	7.6	0.3	11.6	0.0	Grayish yellow green	None	>100	10.0	3	1.3	< 0.83	< 0.73	
					2024/12/10	Sunny	8.4	0.4	7.2	0.0	Light grayish yellow green	None	>100	10.7	<1	1.1	< 0.64	< 0.64	
	101	Yukawa River	Shinyukawa Bridge		2024/5/21	Cloudy	17.1	0.3	15.1	0.0	Light grayish yellow	None	50	10.1	10	2.7	< 0.48	< 0.60	
					2024/6/25	Cloudy	26.5	0.3	22.7	0.0	Light grayish yellow	None	83	10.2	7	1.3	< 0.51	< 0.66	
					2024/8/24	Cloudy	26.9	0.2	26.4	0.0	Light grayish yellow	None	55	12.2	14	1.8	< 0.60	< 0.78	
					2024/10/21	Sunny	16.1	0.1	17.8	0.0	Light grayish yellow	None	>100	12.8	<1	1.8	< 0.47	< 0.54	
					2024/11/12	Sunny	16.8	0.1	15.3	0.0	Light grayish yellow	None	40	14.1	13	5.8	< 0.48	< 0.66	
					2024/12/10	Sunny	9.5	0.3	7.4	0.0	Light grayish greenish yellow	None	>100	12.1	2	1.5	< 0.58	< 0.56	
	102		Before the confluence with Agano River		2024/5/21	Cloudy	16.9	0.3	15.4	0.0	Light grayish greenish yellow	None	44	10.9	10	2.6	< 0.78	< 0.79	
					2024/6/25	Cloudy	26.6	0.4	22.1	0.0	Light grayish greenish yellow	None	85	11.7	7	1.5	< 0.61	< 0.69	
					2024/8/24	Light Rain	26.8	0.5	27.7	0.0	Light grayish yellow green	None	45	12.9	18	1.5	< 0.78	< 0.71	
					2024/10/21	Sunny	16.0	0.2	16.2	0.0	Light grayish greenish yellow	None	>100	13.7	3	1.8	< 0.62	< 0.70	
					2024/11/12	Sunny	16.3	0.2	15.6	0.0	Light grayish greenish yellow	None	76	17.9	3	1.6	< 0.73	< 0.83	
					2024/12/10	Sunny	10.1	0.4	7.6	0.0	Light grayish greenish yellow	None	>100	13.1	2	1.4	< 0.66	< 0.66	
	103	Miyakawa River	Saikuna Bridge	Aizubange Town	2024/5/21	Cloudy	16.1	0.6	15.7	0.0	Light grayish yellow	None	14	10.6	33	19	< 0.64	< 0.61	
					2024/6/24	Sunny	28.8	0.4	22.7	0.0	Grayish yellow green	None	65	10.2	10	2.3	< 0.79	< 0.72	
					2024/8/24	Cloudy	27.0	0.5	25.5	0.0	Grayish yellow green	None	85	10.2	5	1.8	< 0.78	< 0.62	
					2024/10/22	Sunny	17.5	0.3	16.1	0.0	Grayish yellow green	None	>100	10.1	<1	1.1	< 0.68	< 0.75	
					2024/11/12	Sunny	16.4	0.4	14.3	0.0	Light grayish greenish yellow	None	>100	10.2	4	2.2	< 0.90	< 0.64	
					2024/12/11	Cloudy	7.3	0.6	9.0	0.0	Light grayish yellow green	None	91	9.4	5	2.2	< 0.67	< 0.69	
	104	Agano River	Miyako Bridge		2024/5/21	Sunny	21.7	0.4	16.6	0.0	Light grayish yellow	None	18	10.1	22	12	< 0.80	< 0.86	
					2024/6/24	Sunny	28.8	0.3	22.2	0.0	Grayish greenish yellow	None	86	11.0	7	1.9	< 0.51	< 0.54	
					2024/8/24	Sunny	31.2	0.3	26.9	0.0	Grayish greenish yellow	None	>100	9.5	2	0.5	< 0.70	< 0.73	
					2024/10/22	Sunny	17.9	0.3	18.4	0.0	Grayish greenish yellow	None	>100	9.2	<1	0.9	< 0.75	< 0.85	
					2024/11/12	Sunny	17.0	0.4	14.7	0.0	Grayish yellow green	None	>100	10.0	2	1.6	< 0.68	< 0.56	
					2024/12/11	Cloudy	7.0	0.5	8.0	0.0	Grayish yellow green	None	>100	9.9	2	1.4	< 0.72	< 0.59	
	105	Nippashi River	Minami-ohashi Bridge	Kitakata City	2024/4/25	Cloudy	15.0	0.5	15.2	0.0	Grayish greenish yellow	None	77	10.6	7	2.1	< 0.84	< 0.81	
					2024/5/21	Sunny	20.7	0.2	18.2	0.0	Light grayish reddish yellow	None	10	11.0	26	18	< 0.81	< 0.59	
					2024/6/25	Cloudy	28.4	0.5	25.9	0.0	Grayish greenish yellow	None	45	13.7	31	5.8	< 0.82	< 0.99	
					2024/7/9	Cloudy	25.7	0.5	20.8	0.0	Grayish reddish yellow	None	13	7.8	52	20	< 0.77	< 0.62	
					2024/8/24	Sunny	33.1	0.3	29.2	0.0	Grayish greenish yellow	None	70	11.0	16	3.4	< 0.79	< 0.93	
					2024/9/25	Sunny	18.6	0.3	14.9	0.0	Grayish greenish yellow	None	55	9.1	12	6.9	< 0.97	< 0.76	
					2024/10/22	Sunny	17.9	0.3	16.6	0.0	Grayish greenish yellow	None	>100	10.7	6	2.3	< 0.68	< 0.79	
					2024/12/11	Cloudy	8.0	0.7	7.2	0.0	Light grayish yellow green	None	97	10.2	3	1.9	< 0.57	< 0.66	
					2025/1/29	Light Snow	2.1	0.5	3.3	0.0	Light grayish yellow green	None	33	10.8	7	4.2	< 0.94	< 0.62	
					2025/2/12	Sunny	0.2	0.5	3.1	0.0	Grayish greenish yellow	None	78	12.1	6	3.3	< 0.90	< 0.47	

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	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
									General items								Activity concentration(Bq/L)		
																	Radioactive cesium		
	No.	Water Area	Location	Municipality					Water temperature (℃)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Rivers	106	Kyu-yukawa River	Awanomiya Bridge	Yugawa Village	2024/5/21	Sunny	18.2	0.6	18.2	0.0	Light grayish yellow	None	11	15.5	63	35	< 0.64	< 0.58	
					2024/6/25	Cloudy	28.3	0.3	24.5	0.0	Light grayish greenish yellow	None	41	14.2	57	9.4	< 0.71	< 0.71	
					2024/8/24	Sunny	31.6	0.3	30.1	0.0	Light grayish greenish yellow	None	60	15.4	15	2.3	< 0.70	< 0.75	
					2024/10/22	Sunny	18.0	0.3	17.3	0.0	Light grayish greenish yellow	None	>100	15.1	3	2.2	< 0.61	< 0.65	
					2024/11/12	Sunny	12.1	0.4	12.0	0.0	Light grayish yellow	None	>100	16.8	3	2.2	< 0.84	< 0.64	
					2024/12/11	Sunny	7.0	0.5	8.2	0.0	Light grayish yellow green	None	68	19.2	6	2.2	< 0.91	< 0.76	
	107	Kyu-miyakawa River	Josuke Bridge	Aizubange Town	2024/5/10	Sunny	7.0	0.3	14.4	0.0	Grayish greenish yellow	None	30	10.8	26	14	< 0.78	< 0.85	
					2024/6/17	Sunny	28.9	0.3	23.3	0.0	Grayish greenish yellow	None	66	10.6	17	5.7	< 0.86	< 0.88	
					2024/8/26	Cloudy	28.1	0.3	26.9	0.0	Light grayish greenish yellow	None	48	11.5	14	4.2	< 0.88	< 0.82	
					2024/10/10	Sunny	22.5	0.3	18.5	0.0	Grayish greenish yellow	None	75	12.8	13	5.3	< 0.68	< 0.50	
					2024/11/12	Sunny	20.4	0.3	15.0	0.0	Light grayish yellow green	None	42	13.7	8	4.3	< 0.57	< 0.71	
					2024/12/11	Cloudy	4.1	0.3	9.4	0.0	Grayish greenish yellow	None	62	12.0	9	4.9	< 0.63	< 0.77	
	108	Tatsuki River	Ohashi	Kitakata City	2024/5/23	Sunny	28.4	0.4	20.9	0.0	Light grayish yellow green	None	81	7.8	5	2.0	< 0.68	< 0.72	
					2024/6/11	Sunny	26.3	0.4	22.9	0.0	Light grayish yellow green	None	88	8.2	2	0.9	< 0.84	< 0.59	
					2024/8/26	Cloudy	28.5	0.3	23.3	0.0	Light grayish yellow green	None	>100	7.0	3	1.2	< 0.72	< 0.59	
					2024/10/22	Sunny	17.5	0.3	15.8	0.0	Light grayish yellow green	None	>100	7.1	<1	0.6	< 0.57	< 0.80	
					2024/11/12	Sunny	15.3	0.3	10.6	0.0	Light grayish yellow green	None	>100	8.1	<1	0.4	< 0.68	< 0.68	
					2024/12/11	Light Rain	3.1	0.4	7.2	0.0	Light grayish yellow green	None	>100	6.8	2	2.0	< 0.64	< 0.66	
	109		Shimokawara Bridge		2024/5/21	Sunny	20.6	0.1	19.1	0.0	Light grayish greenish yellow	None	48	11.8	12	4.1	< 0.88	< 0.88	
					2024/6/17	Sunny	25.3	0.1	25.2	0.0	Light grayish greenish yellow	None	79	13.7	7	3.8	< 0.75	< 0.89	
					2024/8/26	Sunny	31.2	0.3	24.7	0.0	Light grayish greenish yellow	None	46	11.0	8	2.8	< 0.67	< 0.81	
					2024/10/22	Sunny	14.3	0.2	15.8	0.0	Light grayish greenish yellow	None	>100	13.1	<1	1.1	< 0.70	< 0.75	
					2024/11/12	Sunny	17.8	0.3	14.5	0.0	Light grayish yellow	None	>100	15.0	2	1.1	< 0.65	< 0.69	
					2024/12/11	Sunny	3.7	0.2	8.8	0.0	Light grayish yellow green	None	>100	9.7	4	2.3	< 0.82	< 0.76	
	110	Nigori River	Nigorigawa Bridge		2024/5/10	Sunny	7.0	0.2	12.1	0.0	Light grayish greenish yellow	None	35	8.4	11	11	< 0.75	< 0.81	
					2024/6/17	Sunny	29.4	0.3	25.3	0.0	Light grayish greenish yellow	None	74	10.6	8	2.7	< 0.79	< 0.83	
					2024/8/26	Sunny	31.9	0.2	23.7	0.0	Light grayish greenish yellow	None	23	9.1	21	3.5	< 0.57	< 0.58	
					2024/10/22	Sunny	16.8	0.2	15.9	0.0	Light grayish greenish yellow	None	>100	9.9	<1	1.1	< 0.68	< 0.59	
					2024/11/12	Sunny	16.4	0.2	13.2	0.0	Light grayish yellow	None	>100	11.4	<1	1.4	< 0.86	< 0.80	
					2024/12/11	Cloudy	6.1	0.4	8.5	0.0	Light grayish greenish yellow	None	63	9.5	5	5.0	< 0.63	< 0.56	
	111		Yamazaki Bridge		2024/5/10	Sunny	8.0	0.2	13.8	0.0	Grayish greenish yellow	None	35	9.3	15	11	< 0.67	< 0.74	
					2024/6/17	Sunny	27.3	0.1	24.6	0.0	Grayish greenish yellow	None	>100	11.2	5	2.6	< 0.78	< 0.72	
					2024/8/26	Cloudy	29.3	0.5	22.3	0.0	Grayish greenish yellow	None	22	9.2	36	7.7	< 0.72	< 0.79	
					2024/10/22	Sunny	14.1	0.2	15.3	0.0	Grayish greenish yellow	None	90	10.4	6	5.0	< 0.72	< 0.88	
					2024/11/12	Sunny	19.3	0.1	14.9	0.0	Light grayish yellow	None	>100	12.0	8	2.4	< 0.82	< 0.65	
					2024/12/11	Cloudy	5.1	0.3	8.6	0.0	Grayish greenish yellow	None	78	10.0	6	4.6	< 0.82	< 0.72	
	112	Inagawa River	Aoyagi Bridge	Minamiaizu Town	2024/5/8	Cloudy	13.0	0.4	13.3	0.0	Dark grayish yellow green	None	>100	2.9	<1	0.5	< 0.87	< 0.59	
					2024/6/27	Sunny	26.6	0.5	19.9	0.0	Light grayish yellow green	None	>100	6.5	<1	0.4	< 0.74	< 0.92	
					2024/8/24	Cloudy	30.3	0.3	24.7	0.0	Dark grayish yellow green	None	>100	6.7	2	0.5	< 0.72	< 0.67	
					2024/10/21	Sunny	5.8	0.3	9.9	0.0	Light grayish yellow green	None	>100	5.3	<1	0.4	< 0.60	< 0.47	
					2024/11/13	Sunny	9.9	0.3	11.4	0.0	Dark grayish yellow green	None	>100	5.5	<1	0.5	< 0.51	< 0.54	
					2024/12/9	Light Snow	0.4	0.4	4.2	0.0	Dark grayish yellow green	None	>100	5.5	<1	0.5	< 0.73	< 0.67	
	113		Kurosawa Bridge	Tadami Town	2024/5/9	Cloudy	10.0	0.3	9.5	0.0	Light grayish greenish yellow	None	>100	3.0	<1	0.7	< 0.75	< 0.68	
					2024/6/27	Sunny	26.9	0.3	23.0	0.0	Light grayish yellow green	None	>100	6.7	2	0.7	< 0.81	< 0.85	
					2024/8/24	Cloudy	29.9	0.2	27.0	0.0	Light grayish greenish yellow	None	>100	6.8	2	0.5	< 0.72	< 0.73	
					2024/10/22	Sunny	7.0	0.3	12.5	0.0	Light grayish greenish yellow	None	>100	6.7	<1	0.4	< 0.70	< 0.61	
					2024/11/13	Sunny	13.4	0.4	12.6	0.0	Light grayish greenish yellow	None	>100	6.5	<1	0.5	< 0.68	< 0.59	
					2024/12/9	Light Snow	0.9	0.3	5.2	0.0	Light grayish greenish yellow	None	>100	5.4	2	0.8	< 0.85	< 0.77	

Fukushima River(Water_Aizu) 3/4

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										Remarks
									General items									Activity concentration(Bq/L)	
																		Radioactive cesium	
	No.	Water Area	Location	Municipality					Water temperature (℃)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Rivers	114	Tadami River	Nishitani Bridge	Kaneyama Town	2024/5/9	Sunny	13.0	0.4	14.1	0.0	Grayish yellow green	None	80	6.6	2	1.5	< 0.67	< 0.61	
					2024/6/27	Sunny	25.6	0.6	15.8	0.0	Light grayish yellow green	None	>100	5.0	3	1.9	< 0.66	< 0.69	
					2024/8/24	Sunny	31.6	0.4	20.4	0.0	Grayish yellow green	None	>100	5.5	4	1.2	< 0.78	< 0.97	
					2024/10/22	Sunny	7.1	0.5	15.1	0.0	Grayish yellow green	None	>100	5.7	3	1.9	< 0.72	< 0.66	
					2024/11/13	Sunny	14.1	0.8	13.1	0.0	Grayish yellow green	None	50	6.0	3	1.8	< 0.66	< 0.78	
					2024/12/9	Light Rain	1.4	0.4	8.1	0.0	Grayish yellow green	None	>100	10.3	6	2.4	< 0.78	< 0.73	
	115		Fuji Bridge	Aizubange Town	2024/5/10	Sunny	23.0	0.5	16.6	0.0	Grayish greenish yellow	None	70	5.2	9	4.2	< 0.75	< 0.59	
					2024/6/24	Cloudy	23.4	0.7	18.1	0.0	Grayish greenish yellow	None	65	7.0	9	3.0	< 0.77	< 0.81	
					2024/8/26	Cloudy	25.0	0.3	21.5	0.0	Grayish greenish yellow	None	>100	7.2	3	1.7	< 0.54	< 0.77	
					2024/10/10	Sunny	20.6	0.3	19.1	0.0	Grayish greenish yellow	None	>100	6.1	4	2.8	< 0.80	< 0.75	
					2024/11/12	Sunny	18.5	0.8	14.2	0.0	Dark grayish yellow green	None	91	5.9	2	3.0	< 0.53	< 0.77	
					2024/12/10	Sunny	8.7	0.5	8.2	0.0	Grayish yellow green	None	57	6.7	3	3.1	< 0.73	< 0.77	
	116	Agano River	Shingo Dam	Kitakata City	2024/5/10	Sunny	23.0	0.7	15.6	0.0	Grayish yellow green	None	55	6.4	6	4.0	< 0.63	< 0.75	
					2024/6/24	Cloudy	25.8	1.5	21.2	0.0	Grayish yellow green	None	75	10.0	5	1.6	< 0.78	< 0.69	
					2024/8/26	Cloudy	25.4	1.8	23.6	0.0	Grayish yellow green	None	>100	10.0	4	1.7	< 0.70	< 0.75	
					2024/10/10	Sunny	20.1	0.5	18.2	0.0	Light grayish greenish yellow	None	65	8.0	8	3.7	< 0.82	< 0.76	
					2024/11/12	Sunny	20.7	1.7	14.4	0.0	Grayish yellow green	None	80	9.1	2	2.4	< 0.75	< 0.66	
					2024/12/10	Sunny	15.6	2.0	7.4	0.0	Grayish yellow green	None	68	7.8	4	3.1	< 0.81	< 0.73	
	117	Sukawa River	Sukawano	Inawashiro Town	2024/4/25	Cloudy	14.0	0.4	12.8	0.0	Light grayish greenish yellow	None	>100	58.8	3	0.8	< 0.71	< 0.93	
					2024/5/14	Sunny	16.2	0.4	12.7	0.0	Light grayish greenish yellow	None	38	73.6	5	3.8	< 0.67	< 0.65	
					2024/6/4	Cloudy	16.0	0.4	13.7	0.0	Light grayish yellow green	None	56	45.6	17	7.0	< 0.77	< 0.79	
					2024/7/10	Cloudy	22.3	0.3	17.4	0.0	Light grayish yellow green	None	36	44.0	14	9.8	< 0.89	< 0.84	
					2024/8/27	Sunny	25.9	0.2	19.5	0.0	Light grayish yellow green	None	78	51.3	17	13	< 0.64	< 0.85	
					2024/9/25	Sunny	22.9	0.3	14.4	0.0	Light grayish yellow green	None	90	51.2	11	14	< 0.63	< 0.76	
					2024/10/21	Sunny	15.9	0.2	14.2	0.0	Light grayish yellow green	None	>100	72.7	2	0.8	< 0.84	< 0.64	
					2024/12/11	Light Snow	6.3	0.4	5.6	0.0	Light grayish yellow	None	>100	66.4	<1	0.7	< 0.76	< 0.68	
					2025/1/29	Light Snow	-2.0	0.4	1.8	0.0	Light grayish yellow	None	>100	68.6	<1	0.8	< 0.65	< 0.45	
					2025/2/12	Sunny	3.1	0.4	4.6	0.0	Light grayish reddish yellow	None	>100	81.2	3	2.7	< 0.66	< 0.61	
	118	Nagase River	Kogane Bridge		2024/4/25	Cloudy	13.0	2.0	12.6	0.0	Light grayish greenish yellow	None	76	30.9	7	8.7	< 0.84	< 0.78	
					2024/5/14	Sunny	24.1	0.3	16.8	0.0	Light grayish yellow green	None	82	28.7	6	9.7	< 0.85	< 0.92	
					2024/6/4	Cloudy	16.0	0.3	15.8	0.0	Light grayish greenish yellow	None	68	18.3	13	6.7	< 0.58	< 0.56	
					2024/7/10	Cloudy	23.5	0.5	20.0	0.0	Light grayish greenish yellow	None	62	17.3	12	4.9	< 0.92	< 0.89	
					2024/8/24	Sunny	32.8	0.3	25.3	0.0	Light grayish greenish yellow	None	75	29.0	30	9.2	< 0.83	< 0.85	
					2024/9/25	Sunny	20.5	0.1	15.6	0.0	Light grayish greenish yellow	None	55	18.7	10	6.1	< 0.84	< 0.68	
					2024/10/21	Sunny	16.9	0.1	14.0	0.0	Light grayish greenish yellow	None	>100	32.5	5	3.1	< 0.87	< 0.68	
					2024/12/11	Light Snow	2.6	0.3	5.2	0.0	Light grayish yellow green	None	48	26.0	5	5.1	< 0.55	< 0.58	
					2025/1/29	Light Snow	-2.6	0.2	1.4	0.0	Light grayish yellow green	None	46	18.9	9	4.3	< 0.89	< 0.59	
					2025/2/12	Sunny	1.4	0.3	3.2	0.0	Light grayish greenish yellow	None	46	18.2	11	5.3	< 0.64	< 0.50	
	119	Takahashi River	Shinbashi Bridge		2024/5/14	Sunny	19.2	0.3	16.8	0.0	Light grayish reddish yellow	None	12	28.7	29	19	< 0.80	< 0.77	
					2024/6/4	Cloudy	19.0	0.4	19.4	0.0	Light grayish greenish yellow	None	75	17.3	11	3.7	< 0.79	< 0.76	
					2024/8/24	Sunny	30.2	0.3	21.5	0.0	Light grayish greenish yellow	None	39	20.2	18	4.9	< 0.80	< 0.65	
					2024/10/9	Cloudy	14.0	0.5	16.1	0.0	Light grayish greenish yellow	None	46	17.6	11	5.5	< 0.56	< 0.47	
					2024/11/9	Sunny	8.9	0.4	10.8	0.0	Light grayish greenish yellow	None	>100	25.3	4	1.2	< 0.79	< 0.73	
					2024/12/11	Light Snow	3.6	0.4	6.8	0.0	Light grayish yellow green	None	>100	21.5	3	1.5	< 0.93	< 0.76	
	120	Koguro River	Umeno Bridge		2024/5/14	Sunny	19.2	1.1	15.3	0.0	Light grayish yellow	None	21	22.0	22	15	< 0.75	< 0.80	
					2024/6/4	Cloudy	20.0	0.4	21.2	0.0	Light grayish yellow	None	70	14.5	10	3.6	< 0.57	< 0.75	
					2024/8/24	Sunny	30.3	0.4	24.9	0.0	Light grayish yellow	None	44	16.7	17	3.9	< 0.72	< 0.82	
					2024/10/21	Sunny	17.0	0.2	15.9	0.0	Light grayish yellow	None	70	26.3	5	2.2	< 0.67	< 0.74	
					2024/11/9	Sunny	7.9	0.8	11.2	0.0	Light grayish greenish yellow	None	23	25.7	26	11	< 0.78	< 1.0	
					2024/12/11	Light Snow	2.1	0.8	4.4	0.0	Grayish yellow green	None	34	21.6	8	5.2	< 0.66	< 0.67	

Fukushima River(Water_Aizu) 4/4

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water									Remarks
									General items								Activity concentration(Bq/L)	
																	Radioactive cesium	
	No.	Water Area	Location	Municipality					Water temperature (℃)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137
Rivers	121	Hishinuma River	Sekido District	Inawashiro Town	2024/5/14	Sunny	26.3	0.7	17.5	0.0	Light grayish yellow	None	49	14.5	7	5.2	< 0.81	< 0.69	
					2024/6/4	Cloudy	18.0	0.3	20.4	0.0	Light grayish yellow	None	45	11.7	10	5.0	< 0.77	< 0.77	
					2024/8/24	Sunny	34.5	0.7	28.4	0.0	Light grayish yellow	None	55	12.2	21	3.8	< 0.69	< 0.73	
					2024/10/21	Sunny	14.9	0.3	15.2	0.0	Light grayish yellow	None	>100	12.6	2	1.5	< 0.75	< 0.66	
					2024/11/9	Sunny	8.2	0.8	9.9	0.0	Light grayish greenish yellow	None	>100	14.5	4	1.7	< 0.69	< 0.78	
					2024/12/11	Light Snow	8.7	1.2	6.1	0.0	Grayish yellow green	None	98	14.9	4	3.6	< 0.61	< 0.81	
	122	Funatsu River	Funatsu Bridge	Koriyama City	2024/5/14	Sunny	21.2	0.5	19.1	0.0	Light grayish yellow green	None	24	8.8	7	6.6	< 0.57	< 0.74	
					2024/6/4	Cloudy	17.0	0.4	16.7	0.0	Light grayish greenish yellow	None	>100	7.1	2	1.1	< 0.74	< 0.73	
					2024/8/26	Sunny	26.0	0.4	19.9	0.0	Light grayish greenish yellow	None	>100	9.1	2	1.1	< 0.63	< 0.60	
					2024/10/21	Sunny	14.0	0.2	14.9	0.0	Light grayish greenish yellow	None	>100	8.2	<1	0.4	< 0.67	< 0.56	
					2024/11/16	Sunny	16.3	0.5	13.2	0.0	Light grayish yellow green	None	>100	8.8	<1	0.5	< 0.82	< 0.77	
					2024/12/11	Light Snow	6.6	0.5	7.8	0.0	Grayish yellow green	None	>100	9.0	<1	2.4	< 0.62	< 0.81	
	123	Haragawa River	Estuary, front	Aizuwakamatsu City	2024/5/14	Sunny	21.2	1.2	15.9	0.0	Light grayish reddish yellow	None	24	6.3	10	11	< 0.75	< 0.73	
					2024/6/4	Cloudy	17.0	0.9	17.4	0.0	Light grayish yellow	None	80	6.0	4	2.2	< 0.75	< 0.76	
					2024/8/26	Sunny	21.5	0.4	19.7	0.0	Light grayish yellow	None	51	5.2	8	3.4	< 0.69	< 0.50	
					2024/10/9	Cloudy	14.0	0.6	14.8	0.0	Light grayish yellow	None	38	6.9	37	11	< 0.88	< 0.53	
					2024/11/1	Sunny	13.4	0.4	12.1	0.0	Light grayish yellow	None	>100	8.7	2	2.0	< 0.75	< 0.76	
					2024/12/11	Light Snow	4.6	1.2	6.4	0.0	Grayish yellow green	None	>100	6.2	<1	1.6	< 0.79	< 0.85	

Fukushima River(Sediment_Aizu) 1/3

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																			Remarks
										General items																Activity concentration [Bq/kg(dry)]			
													Grain size distribution(%)								Sediment content (%)	Density (Mg/m^3)	Property	Radioactive cesium			
	No.	Water Area	Location	Municipality					Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Rivers	98	Agano River	Tajima Bridge	Minamiaizu Town	2024/5/8	Cloudy	15.0	0.3	15.3	3	Brownish black	None	0.0	0.3	23.3	27.3	44.2	3.9	0.9	0.1	75.8	2.64	sand/gravel	< 4.6	5.6 ± 1.2	5.6	
					2024/6/19	Sunny	25.1	0.3	23.1	3	Olive brown	None	0.0	0.3	16.5	36.9	36.8	7.7	1.2	0.6	77.5	2.66	sand/gravel	< 2.7	4.9 ± 1.0	4.9	
					2024/8/26	Sunny	24.5	0.3	20.3	3	Olive brown	None	0.0	0.8	25.0	20.6	47.8	4.7	0.6	0.5	76.9	2.67	sand/gravel	< 2.7	3.7 ± 0.82	3.7	
					2024/10/21	Sunny	9.1	0.3	11.0	3	Olive brown	None	0.0	6.5	22.4	31.8	37.5	1.2	0.4	0.2	81.0	2.69	sand/gravel	< 3.2	3.9 ± 0.87	3.9	
					2024/11/14	Sunny	12.4	0.3	11.9	3	Olive brown	None	0.0	2.1	19.2	25.9	39.4	11.1	1.3	1.0	76.8	2.67	sand/gravel	< 2.1	4.7 ± 0.85	4.7	
					2024/12/10	Cloudy	3.4	0.3	5.9	3	Olive brown	None	0.0	0.2	25.8	57.3	15.3	1.2	0.1	0.1	78.7	2.66	sand/gravel	< 2.9	4.6 ± 1.5	4.6	
	99		Okawa Bridge	Aizuwakamatsu City	2024/5/16	Sunny	22.0	0.4	17.9	4	Olive black	None	0.0	0.4	54.7	36.1	8.0	0.6	0.1	0.1	92.7	2.70	gravel/sand	< 1.8	2.3 ± 0.61	2.3	
					2024/6/27	Sunny	26.9	0.5	19.2	2	Dark grayish yellow	None	0.0	0.3	21.8	40.0	36.7	1.1	0.0	0.1	78.2	2.74	gravel/sand	< 1.9	2.1 ± 0.69	2.1	
					2024/8/26	Sunny	26.7	0.6	23.6	3	Olive black	None	0.0	3.9	66.4	26.5	2.5	0.5	0.0	0.2	95.4	2.70	gravel/sand	< 2.3	2.9 ± 0.63	2.9	
					2024/10/21	Sunny	13.1	0.4	14.5	3	Olive black	None	0.0	20.9	47.7	26.5	4.7	0.0	0.1	0.1	88.7	2.72	gravel/sand	< 1.6	2.3 ± 0.56	2.3	
					2024/11/18	Cloudy	6.8	0.5	11.2	3	Brownish black	None	0.0	17.0	55.3	21.9	5.3	0.4	0.0	0.1	86.1	2.73	gravel/sand	< 1.1	2.2 ± 0.35	2.2	
					2024/12/10	Sunny	6.7	0.5	7.9	3	Brownish black	None	0.0	15.6	60.2	20.3	2.8	0.6	0.2	0.3	91.5	2.73	gravel/sand	< 1.8	3.8 ± 0.61	3.8	
	100	Yukawa River	Takimi Bridge		2024/5/21	Cloudy	20.2	0.4	14.1	1	Grayish yellow brown	None	0.0	0.9	29.5	30.1	34.2	4.7	0.3	0.3	81.5	2.81	gravel/sand	< 7.1	16 ± 3.0	16	
					2024/6/14	Sunny	27.4	0.3	19.8	3	Olive brown	None	0.0	0.4	34.7	39.7	18.8	3.9	1.4	1.1	79.7	2.69	sand/gravel	< 8.5	22 ± 3.4	22	
					2024/8/27	Cloudy	25.2	0.3	24.0	3	Brownish black	None	0.0	0.9	25.0	34.2	36.7	2.8	0.1	0.3	83.0	2.77	sand/gravel	< 6.4	8.9 ± 2.7	8.9	
					2024/10/21	Sunny	17.1	0.2	14.9	3	Dark brown	None	0.0	6.9	30.2	39.5	22.5	0.5	0.2	0.2	78.1	2.67	sand/gravel	< 5.9	14 ± 2.6	14	
					2024/11/18	Sunny	7.6	0.3	11.6	3	Olive brown	None	0.0	3.0	22.6	23.1	44.5	4.8	1.0	1.0	73.9	2.70	sand/gravel	< 7.0	20 ± 3.1	20	
					2024/12/10	Sunny	8.4	0.4	6.9	4	Dark brown	None	0.0	2.2	36.9	29.1	26.9	3.7	0.7	0.5	78.4	2.70	gravel/sand	< 7.7	18 ± 2.8	18	
	101		Shinyukawa Bridge		2024/5/21	Cloudy	17.1	0.3	15.2	2	Grayish yellow brown	Faint swamp	0.0	0.7	36.1	28.6	30.0	3.8	0.3	0.5	80.8	2.69	gravel/sand	< 6.8	19 ± 3.2	19	
					2024/6/25	Cloudy	26.5	0.3	21.9	3	Dark brown	None	0.0	0.9	40.8	24.0	25.8	6.1	1.4	1.0	79.8	2.67	sand/gravel	< 7.3	19 ± 3.3	19	
					2024/8/24	Cloudy	26.9	0.2	24.5	3	Dark brown	None	0.0	1.0	34.9	28.9	30.0	4.0	0.5	0.7	80.0	2.68	sand/gravel	< 4.8	17 ± 2.2	17	
					2024/10/21	Sunny	16.1	0.1	16.0	3	Dark brown	None	0.0	13.6	36.5	26.5	20.2	2.4	0.5	0.3	83.9	2.70	sand/gravel	< 5.7	17 ± 2.9	17	
					2024/11/12	Sunny	16.8	0.1	13.6	3	Dark brown	None	0.0	1.7	40.3	26.0	29.0	2.2	0.5	0.3	81.4	2.69	gravel/sand	< 8.4	17 ± 3.0	17	
					2024/12/10	Sunny	9.5	0.3	7.0	3	Dark brown	None	0.0	3.2	37.3	32.9	24.2	1.5	0.7	0.2	80.7	2.68	gravel/sand	< 6.0	15 ± 2.5	15	
	102		Before the confluence with Agano River		2024/5/21	Cloudy	16.9	0.3	15.6	3	Dark grayish yellow	None	0.0	0.0	3.6	21.6	63.7	9.7	0.9	0.5	72.8	2.68	sand/gravel	< 8.0	43 ± 5.2	43	
					2024/6/25	Cloudy	26.6	0.4	21.8	4	Brownish black	None	0.0	0.1	15.4	18.8	50.9	12.0	1.6	1.2	76.2	2.67	sand/gravel	< 8.2	36 ± 4.1	36	
					2024/8/24	Light Rain	26.8	0.5	25.5	3	Brownish black	None	0.0	0.8	17.8	22.5	53.7	4.1	0.5	0.6	78.5	2.70	sand/gravel	< 4.7	26 ± 3.0	26	
					2024/10/21	Sunny	16.0	0.2	15.8	3	Brownish black	None	0.0	3.9	22.9	28.7	41.7	1.7	0.7	0.4	78.5	2.70	sand/gravel	< 7.6	11 ± 2.4	11	
					2024/11/12	Sunny	16.3	0.2	14.8	2	Olive brown	None	0.0	0.9	29.4	28.2	36.6	3.8	0.8	0.3	79.2	2.71	sand/gravel	< 7.4	11 ± 2.4	11	
					2024/12/10	Sunny	10.1	0.4	7.1	3	Grayish yellow brown	Faint swamp	0.0	2.0	32.1	26.8	34.5	3.6	0.8	0.2	79.1	2.71	sand/gravel	< 7.6	11 ± 2.2	11	
	103	Miyakawa River	Saikuna Bridge	Aizubange Town	2024/5/21	Cloudy	16.1	0.6	15.1	2	Grayish yellow brown	Faint swamp	0.0	1.4	23.6	19.3	45.6	9.5	0.4	0.2	81.8	2.87	gravel/sand	< 4.5	7.1 ± 1.6	7.1	
					2024/6/24	Sunny	28.8	0.4	22.9	3	Dark grayish yellow	None	0.0	0.1	12.0	12.0	51.6	16.1	4.7	3.5	71.3	2.67	sand/gravel	< 5.8	42 ± 4.2	42	
					2024/8/24	Cloudy	27.0	0.5	24.9	3	Brownish black	None	0.0	2.3	21.5	16.2	46.4	11.2	1.0	1.4	77.5	2.74	sand/gravel	< 0.92	2.3 ± 0.39	2.3	
					2024/10/22	Sunny	17.5	0.3	15.8	3	Dark olive brown	None	0.0	3.6	6.4	5.6	47.0	34.6	2.1	0.7	73.0	2.77	sand/gravel	< 9.0	19 ± 3.7	19	
					2024/11/12	Sunny	16.4	0.4	14.2	3	Dark brown	None	0.0	2.2	23.6	11.6	49.8	12.0	0.4	0.4	81.9	2.80	sand/gravel	< 7.6	7.8 ± 2.0	7.8	
					2024/12/11	Cloudy	7.3	0.6	8.8	3	Dark brown	None	0.0	4.5	22.5	11.1	45.3	15.0	1.2	0.4	80.9	2.91	sand/gravel	< 5.9	12 ± 2.2	12	
	104	Agano River	Miyako Bridge		2024/5/21	Sunny	21.7	0.4	16.2	3	Dark grayish yellow	Faint swamp	0.0	0.1	10.1	23.9	60.2	5.3	0.2	0.2	79.3	2.82	sand/gravel	< 3.2	3.2 ± 1.0	3.2	
					2024/6/24	Sunny	28.8	0.3	21.8	4	Dark grayish yellow	None	0.0	0.3	15.6	21.8	54.5	6.2	1.1	0.5	81.1	2.79	sand/gravel	< 4.2	4.9 ± 1.4	4.9	
					2024/8/24	Sunny	31.2	0.3	28.9	3	Dark grayish yellow	None	0.0	1.9	27.2	24.2	43.4	2.7	0.2	0.4	82.9	2.72	sand/gravel	< 2.7	4.5 ± 0.94	4.5	
					2024/10/22	Sunny	17.9	0.3	17.0	3	Dark grayish yellow	None	0.0	7.5	18.2	21.4	42.5	7.9	1.5	1.0	78.2	2.75	sand/gravel	< 6.3	10 ± 2.1	10	
					2024/11/12	Sunny	17.0	0.4	14.0	4	Yellow brown	None	0.0	0.3	4.3	9.3	77.5	7.9	0.3	0.4	77.2	2.74	sand/gravel	< 4.6	5.0 ± 1.7	5.0	
					2024/12/11	Cloudy	7.0	0.5	8.2	4	Dark grayish yellow	None	0.0	0.8	13.6	26.6	51.8	6.2	0.7	0.3	76.4	2.72	sand/gravel	< 6.6	8.4 ± 2.2	8.4	
	105	Nippashi River	Minami-ohashi Bridge	Kitakata City	2024/4/25	Cloudy	15.0	0.5	14.0	4	Dark brown	None	0.0	0.0	0.1	0.1	39.4	57.1	2.0	1.3	68.7	2.65	sand	< 6.6	32 ± 3.9	32	
					2024/5/21	Sunny	20.7	0.2	17.7	3	Olive brown	None	0.0	0.0	0.1	1.3	80.3	15.9	1.6	0.8	69.7	2.67	sand	< 7.4	27 ± 3.8	27	
					2024/6/25	Cloudy	28.4	0.5	25.5	4	Grayish olive	None	0.0	0.0	0.1	0.6	56.1	35.8	3.0	4.4	61.2	2.64	silt/sand	< 6.3	50 ± 4.3	50	
					2024/7/9	Cloudy	25.7	0.5	20.4	3	Grayish yellow brown	None	0.0	0.0	0.2	2.8	78.9	13.7	2.9	1.5	71.8	2.65	sand	< 8.3	25 ± 3.6	25	
					2024/8/24	Sunny	33.1	0.3	26.4	3	Brownish black	None	0.0	0.0	0.1	0.6	68.9	26.1	2.0	2.3	72.4	2.69	sand	< 5.8	26 ± 3.3	26	
					2024/9/25	Sunny	18.6	0.3	16.3	3	Brownish black	None	0.0	0.0	0.1	0.9	85.7	10.2	1.3	1.8	68.3	2.67	sand	< 6.4	22 ± 3.8	22	
					2024/10/22	Sunny	17.9	0.3	16.0	3	Brownish black	None	0.0	0.7	6.9	4.9	58.2	24.1	3.1	2.1	71.6	2.68	sand	< 8.9	24 ± 3.8	24	
					2024/12/11	Cloudy	8.0	0.7	6.8	3	Dull yellow brown	None	0.0	0.0	0.9	4.4	68.0	24.0	1.5	1.2	67.2	2.69	sand	< 8.0	29 ± 4.0	29	
					2025/1/29	Light Snow	2.1	0.5	3.0	3	Dull yellow brown	None	0.0	0.1	0.0	2.1	66.9	28.6	1.3	1.0	68.9	2.68	sand	< 8.4	23 ± 4.1	23	
					2025/2/12	Sunny	0.2	0.5	2.7	3	Dull yellow brown	None	0.0	0.0	0.1	1.3	77.3	15.2	2.5	3.6	62.8	2.66	sand	< 8.3	34 ± 3.8	34	
	106	Kyu-yukawa River	Awanomiya Bridge	Yugawa Village	2024/5/21	Sunny	18.2	0.6	17.2	3	Dark brown	Faint swamp	0.0	2.0	24.7	13.8	35.6	21.7	1.3	0.9	77.9	2.76	sand/gravel	< 5.4	36 ± 3.7	36	
					2024/6/25	Cloudy	28.3	0.3	24.2	3	Olive black	Faint sewage	0.0	0.0	2.0	4.2	36.2	47.9	4.3	5.4	64.1	2.64	silt/sand	< 6.7	91 ± 6.0	91	
					2024/8/24	Sunny	31.6	0.3	24.3	3	Olive black	Faint sewage	0.0	0.1	4.2	6.9	55.7	28.6	2.1	2.4	72.0	2.73	sand	< 6.4	11 ± 2.6	11	
					2024/10/22	Sunny	18.0	0.3	16.8	3	Brownish black	Faint sewage	0.0	1.1	7.6	9.9	38.9	33.2	5.0	4.3	70.5	2.68	silt/sand	< 9.7	54 ± 5.6	54	
					2024/11/12	Sunny	12.1	0.4	10.8	5	Grayish yellow brown	None	0.0	0.0	3.8	10.4	60.3	23.9	1.0	0.6	72.0	2.73	sand/gravel	< 6.0	25 ± 3.6	25	
					2024/12/11	Sunny	7.0	0.5	7.0	3	Dark brown	Faint swamp	0.0	0.4	6.9	19.7	61.8	9.5	1.1	0.6	75.2	2.69	sand/gravel	< 6.4	40 ± 4.8	40	

Fukushima River(Sediment_Aizu) 2/3

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																			Remarks
										General items																Activity concentration［Bq/kg(dry)］			
													Grain size distribution(%)								Sediment content (%)	Density (Mg/m^3)	Property	Radioactive cesium			
	No.	Water Area	Location	Municipality					Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Rivers	107	Kyu-miyakawa River	Josuke Bridge	Aizubange Town	2024/5/10	Sunny	7.0	0.3	13.8	3	Brownish black	None	0.0	0.3	26.6	14.5	35.3	19.4	1.6	2.3	78.7	2.78	sand/gravel	< 7.1	37 ± 3.7	37	
					2024/6/17	Sunny	28.9	0.3	22.3	3	Brownish black	None	0.0	4.4	39.5	22.1	28.2	4.9	0.5	0.4	83.6	2.81	gravel/sand	< 4.2	10 ± 2.1	10	
					2024/8/26	Cloudy	28.1	0.3	26.7	3	Brownish black	Faint swamp	0.0	0.7	19.2	11.3	38.6	26.9	1.4	1.9	76.1	2.78	sand/gravel	< 6.3	37 ± 5.6	37	
					2024/10/10	Sunny	22.5	0.3	18.0	3	Brownish black	None	0.0	4.3	9.2	4.9	39.6	32.7	5.4	3.9	75.5	2.73	sand/gravel	< 7.6	46 ± 4.6	46	
					2024/11/12	Sunny	20.4	0.3	14.8	3	Dark brown	None	0.0	1.7	33.2	27.0	33.7	3.7	0.4	0.3	79.5	2.77	gravel/sand	< 6.5	7.2 ± 2.2	7.2	
					2024/12/11	Cloudy	4.1	0.3	9.3	3	Dark brown	None	0.0	5.2	21.7	11.5	39.9	18.8	2.0	0.9	77.3	2.78	gravel/sand	< 5.1	33 ± 3.5	33	
	108	Tatsuki River	Ohashi	Kitakata City	2024/5/23	Sunny	28.4	0.4	20.1	3	Dull yellow brown	None	0.0	0.4	3.8	9.7	59.9	20.7	3.1	2.4	71.9	2.64	sand/gravel	< 10	20 ± 3.7	20	
					2024/6/11	Sunny	26.3	0.4	22.5	3	Olive brown	None	0.0	0.6	21.0	26.1	40.9	8.9	1.2	1.3	78.4	2.68	sand/gravel	< 7.3	10 ± 3.0	10	
					2024/8/26	Cloudy	28.5	0.3	24.0	4	Olive brown	None	0.0	1.6	31.6	41.4	23.7	1.6	0.0	0.1	79.0	2.66	sand/gravel	< 4.1	7.5 ± 1.3	7.5	
					2024/10/22	Sunny	17.5	0.3	15.5	3	Brown	None	0.0	24.7	43.9	21.6	8.8	0.6	0.2	0.2	85.0	2.65	gravel/sand	< 5.7	8.2 ± 2.0	8.2	
					2024/11/12	Sunny	15.3	0.3	10.5	5	Dull yellow brown	None	0.0	0.4	30.4	31.4	32.3	4.3	0.8	0.4	78.2	2.65	gravel/sand	< 3.8	6.2 ± 2.3	6.2	
					2024/12/11	Light Rain	3.1	0.4	7.3	3	Olive brown	None	0.0	1.0	8.7	33.6	51.1	4.4	0.9	0.3	76.0	2.67	sand/gravel	< 4.4	6.5 ± 1.4	6.5	
	109		Shimokawara Bridge		2024/5/21	Sunny	20.6	0.1	18.7	4	Dark grayish yellow	None	0.0	0.1	5.5	22.5	56.2	11.7	3.0	1.0	73.7	2.65	sand	< 8.3	20 ± 3.6	20	
					2024/6/17	Sunny	25.3	0.1	22.7	3	Dull yellow brown	None	0.0	0.0	1.9	11.8	59.6	22.4	3.2	1.1	73.4	2.67	sand/gravel	< 6.6	17 ± 2.8	17	
					2024/8/26	Sunny	31.2	0.3	24.3	4	Dark brown	None	0.0	0.0	1.9	6.7	62.4	24.9	1.9	2.2	71.8	2.66	sand/gravel	< 9.2	15 ± 3.2	15	
					2024/10/22	Sunny	14.3	0.2	15.0	3	Dull yellow brown	None	0.0	1.8	3.7	5.3	39.6	41.3	5.2	3.1	70.2	2.65	sand/gravel	< 7.3	17 ± 3.3	17	
					2024/11/12	Sunny	17.8	0.3	13.6	2	Dark brown	None	0.0	4.3	54.1	17.6	14.0	8.5	1.3	0.2	83.5	2.66	gravel/sand	< 5.6	9.5 ± 2.0	9.5	
					2024/12/11	Sunny	3.7	0.2	8.9	3	Dull yellow brown	None	0.0	5.4	20.8	16.5	41.6	11.8	3.0	0.9	83.2	2.67	sand/gravel	< 6.1	11 ± 2.2	11	
	110	Nigori River	Nigorigawa Bridge		2024/5/10	Sunny	7.0	0.2	11.0	3	Olive brown	None	0.0	0.4	12.9	14.1	61.2	10.3	1.0	0.1	75.1	2.67	gravel/sand	< 5.8	7.4 ± 1.6	7.4	
					2024/6/17	Sunny	29.4	0.3	24.3	3	Olive brown	None	0.0	2.0	29.0	16.9	26.6	19.3	3.6	2.6	77.2	2.69	sand/gravel	< 2.9	5.6 ± 1.2	5.6	
					2024/8/26	Sunny	31.9	0.2	25.1	3	Olive brown	None	0.0	1.6	23.9	21.5	33.0	15.4	1.7	2.9	77.9	2.70	sand/gravel	< 3.5	8.0 ± 1.5	8.0	
					2024/10/22	Sunny	16.8	0.2	15.1	3	Dark brown	None	0.0	15.9	37.2	18.3	18.8	8.0	0.6	1.2	84.2	2.68	gravel/sand	< 3.3	4.3 ± 0.93	4.3	
					2024/11/12	Sunny	16.4	0.2	12.4	2	Dull yellow brown	None	0.0	3.2	30.9	33.3	31.2	0.9	0.3	0.2	80.0	2.68	gravel/sand	< 2.9	4.2 ± 0.98	4.2	
					2024/12/11	Cloudy	6.1	0.4	8.2	3	Dark brown	None	0.0	2.1	22.6	25.2	42.3	5.6	1.3	0.9	80.1	2.67	gravel/sand	< 2.1	5.4 ± 0.93	5.4	
	111		Yamazaki Bridge		2024/5/10	Sunny	8.0	0.2	12.5	4	Dull yellow brown	None	0.0	0.1	12.8	39.3	42.5	4.9	0.3	0.1	79.3	2.66	gravel/sand	< 3.9	6.3 ± 1.3	6.3	
					2024/6/17	Sunny	27.3	0.1	23.1	3	Dull yellow brown	None	0.0	4.2	33.9	34.3	19.4	7.8	0.2	0.2	81.6	2.67	gravel/sand	< 2.9	4.1 ± 1.0	4.1	
					2024/8/26	Cloudy	29.3	0.5	23.1	3	Dull yellow brown	Faint seaweed	0.0	1.2	32.6	26.1	29.3	7.9	1.2	1.7	80.6	2.69	sand/gravel	< 2.4	3.2 ± 0.77	3.2	
					2024/10/22	Sunny	14.1	0.2	14.8	3	Brown	Faint algae	0.0	11.0	32.1	27.4	22.2	5.3	0.7	1.3	90.6	2.69	gravel/sand	< 0.79	1.0 ± 0.28	1.0	
					2024/11/12	Sunny	19.3	0.1	14.0	2	Brown	None	0.0	2.4	36.4	15.3	38.0	6.8	0.6	0.5	80.1	2.67	gravel/sand	< 2.0	5.5 ± 0.94	5.5	
					2024/12/11	Cloudy	5.1	0.3	8.9	3	Dull yellow brown	None	0.0	5.7	27.9	23.7	30.2	8.4	2.8	1.3	80.9	2.68	gravel/sand	< 2.3	2.8 ± 0.75	2.8	
	112	Inagawa River	Aoyagi Bridge	Minamiaizu Town	2024/5/8	Cloudy	13.0	0.4	11.8	3	Yellowish gray	None	0.0	0.6	25.7	31.8	40.5	1.2	0.1	0.1	81.5	2.61	gravel/sand	< 1.0	1.6 ± 0.31	1.6	
					2024/6/27	Sunny	26.6	0.5	18.8	3	Dark grayish yellow	Faint swamp	0.0	0.8	31.4	22.2	42.9	2.4	0.1	0.2	80.6	2.62	sand/gravel	< 0.90	< 0.92	-	
					2024/8/24	Cloudy	30.3	0.3	24.4	3	Yellowish gray	None	0.0	0.1	22.1	43.6	33.5	0.4	0.1	0.2	82.7	2.64	sand/gravel	< 1.0	1.1 ± 0.36	1.1	
					2024/10/21	Sunny	5.8	0.3	7.9	3	Yellowish gray	None	0.0	13.8	36.4	27.0	21.8	0.7	0.1	0.2	86.2	2.61	gravel/sand	< 0.91	1.3 ± 0.29	1.3	
					2024/11/13	Sunny	9.9	0.3	10.8	3	Olive brown	None	0.0	7.0	43.3	28.3	20.1	0.9	0.1	0.3	81.5	2.61	sand/gravel	< 0.97	1.0 ± 0.30	1.0	
					2024/12/9	Light Snow	0.4	0.4	4.5	3	Dark grayish yellow	None	0.0	1.5	15.5	62.5	20.1	0.2	0.1	0.1	80.7	2.60	gravel/sand	< 0.92	< 0.91	-	
	113		Kurosawa Bridge	Tadami Town	2024/5/9	Cloudy	10.0	0.3	15.4	4	Dark grayish yellow	None	0.0	0.1	10.1	5.1	63.8	19.5	1.1	0.3	73.5	2.63	sand	< 1.9	3.5 ± 0.68	3.5	
					2024/6/27	Sunny	26.9	0.3	22.5	3	Dark grayish yellow	Faint swamp	0.0	1.1	54.8	27.7	15.7	0.6	0.0	0.1	78.2	2.65	gravel/sand	< 1.0	1.2 ± 0.33	1.2	
					2024/8/24	Cloudy	29.9	0.2	26.5	4	Dark grayish yellow	None	0.0	1.6	43.0	36.2	17.9	0.7	0.3	0.3	83.4	2.66	sand/gravel	< 0.93	1.6 ± 0.30	1.6	
					2024/10/22	Sunny	7.0	0.3	11.1	3	Dark grayish yellow	None	0.0	0.0	0.6	6.9	50.4	34.9	5.1	2.1	74.4	2.65	sand	< 1.2	6.2 ± 0.43	6.2	
					2024/11/13	Sunny	13.4	0.4	11.8	3	Dark grayish yellow	None	0.0	5.1	36.0	49.6	9.1	0.1	0.0	0.1	83.2	2.65	gravel/sand	< 2.6	5.0 ± 1.1	5.0	
					2024/12/9	Light Snow	0.9	0.3	5.1	3	Grayish yellow brown	None	0.0	2.0	26.2	31.1	35.2	4.8	0.3	0.4	79.8	2.67	gravel/sand	< 0.95	1.2 ± 0.27	1.2	
	114	Tadami River	Nishitani Bridge	Kaneyama Town	2024/5/9	Sunny	13.0	0.4	13.4	4	Olive brown	None	0.0	0.1	16.0	22.4	34.8	18.0	6.4	2.3	69.0	2.63	gravel/sand	< 4.9	7.7 ± 1.5	7.7	
					2024/6/27	Sunny	25.6	0.6	18.5	3	Grayish olive	None	0.0	0.1	3.7	9.6	16.8	33.9	22.5	13.4	52.4	2.61	sand/silt	< 8.0	22 ± 3.1	22	
					2024/8/24	Sunny	31.6	0.4	21.6	4	Olive brown	None	0.0	0.0	0.3	2.2	14.1	42.3	26.0	15.1	58.3	2.63	sand	< 4.8	17 ± 2.1	17	
					2024/10/22	Sunny	7.1	0.5	14.5	3	Olive brown	None	0.0	2.8	9.6	15.2	22.9	32.6	9.5	7.4	69.4	2.64	sand/gravel	< 5.5	6.8 ± 1.9	6.8	
					2024/11/13	Sunny	14.1	0.8	13.9	3	Olive brown	None	0.0	0.0	4.0	5.6	20.5	51.9	9.8	8.2	64.2	2.61	sand	< 4.4	9.4 ± 1.7	9.4	
					2024/12/9	Light Rain	1.4	0.4	8.2	3	Olive brown	None	0.0	0.1	3.2	21.8	61.5	9.7	2.4	1.3	74.9	2.71	sand	< 4.2	5.7 ± 1.2	5.7	
	115		Fuji Bridge	Aizubange Town	2024/5/10	Sunny	23.0	0.5	15.5	4	Yellowish gray	None	0.0	0.2	9.0	5.8	13.6	43.4	17.1	10.9	64.7	2.61	silt/sand	< 7.5	18 ± 3.5	18	
					2024/6/24	Cloudy	23.4	0.7	18.3	3	Yellowish gray	None	0.0	0.0	0.0	1.2	7.5	52.5	30.2	8.6	56.1	2.61	silt/sand	< 4.6	25 ± 2.3	25	
					2024/8/26	Cloudy	25.0	0.3	22.1	3	Yellowish gray	None	0.0	0.0	0.5	5.3	43.7	35.0	8.0	7.5	70.1	2.71	sand/silt	< 8.6	21 ± 4.1	21	
					2024/10/10	Sunny	20.6	0.3	18.5	3	Yellowish gray	None	0.0	0.0	0.0	3.1	15.3	61.2	10.5	9.9	64.4	2.62	silt/sand	< 7.5	27 ± 3.9	27	
					2024/11/12	Sunny	18.5	0.8	13.1	3	Dark brown	None	0.0	0.5	17.8	10.9	38.4	26.4	3.5	2.5	76.4	2.87	sand/gravel	< 4.2	5.8 ± 1.3	5.8	
					2024/12/10	Sunny	8.7	0.5	7.6	3	Dark brown	None	0.0	0.8	23.3	15.9	29.3	17.6	8.0	5.1	77.3	2.84	sand/gravel	< 4.5	9.3 ± 1.7	9.3	
	116	Agano River	Shingo Dam	Kitakata City	2024/5/10	Sunny	23.0	0.7	14.6	4	Grayish olive	Faint sewage	0.0	0.0	0.0	0.0	0.1	8.8	58.0	33.1	29.1	2.51	silt/sand	< 8.7	120 ± 6.1	120	
					2024/6/24	Cloudy	25.8	1.5	21.1	3	Grayish olive	Faint sewage	0.0	0.0	0.0	2.2	9.9	28.2	38.3	21.4	34.5	2.60	silt/sand	< 7.2	60 ± 4.2	60	
					2024/8/26	Cloudy	25.4	1.8	23.5	4	Grayish olive	Faint sewage	0.0	0.0	1.2	2.2	13.1	21.7	31.0	30.8	25.2	2.60	silt/sand	< 9.9	130 ± 7.4	130	
					2024/10/10	Sunny	20.1	0.5	18.5	3	Grayish olive	Faint sewage	0.0	0.1	0.2	0.5	7.6	26.7	32.9	32.0	33.0	2.57	silt/sand	< 9.6	88 ± 6.7	88	
					2024/11/12	Sunny	20.7	1.7	13.4	3	Dark grayish yellow	Faint hydrogen sulfide	0.0	0.0	0.3	0.9	6.5	20.3	40.9	31.1	37.9	2.57	silt/sand	< 8.0	72 ± 5.8	72	
					2024/12/10	Sunny	15.6	2.0	6.6	3	Dark grayish yellow	Faint sewage	0.0	0.0	0.0	2.7	7.3	24.7	19.6	45.7	38.5	2.57	silt/sand	< 7.3	81 ± 5.0	81	

Fukushima River(Sediment_Aizu) 3/3

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																			Remarks
									Sediment temperature (℃)	General items																Activity concentration [Bq/kg(dry)]			
										Sample length (cm)	Color	Odor	Grain size distribution(%)								Sediment content (%)	Density (Mg/m^3)	Property	Radioactive cesium			
	No.	Water Area	Location	Municipality									Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Rivers	117	Sukawa River	Sukawano	Inawashiro Town	2024/4/25	Cloudy	14.0	0.4	11.6	3	Dark brown	None	0.0	0.2	25.3	32.1	38.7	3.3	0.1	0.3	75.7	2.65	gravel/sand	< 5.3	13 ± 2.1	13	
					2024/5/14	Sunny	16.2	0.4	13.5	4	Brown	Faint swamp	0.0	0.2	30.6	47.1	19.2	2.1	0.6	0.2	81.2	2.74	gravel/sand	< 6.4	10 ± 2.2	10	
					2024/6/4	Cloudy	16.0	0.4	11.3	4	Dark brown	None	0.0	0.5	64.2	27.9	6.4	0.9	0.0	0.1	86.6	2.68	gravel/sand	< 7.1	9.4 ± 2.0	9.4	
					2024/7/10	Cloudy	22.3	0.3	16.8	3	Dull yellow brown	None	0.0	0.5	14.5	26.3	49.9	7.0	1.0	0.8	73.3	2.63	sand/gravel	< 5.9	14 ± 2.7	14	
					2024/8/27	Sunny	25.9	0.2	20.8	4	Dark brown	None	0.0	0.1	3.4	14.8	62.0	12.2	3.2	4.3	66.4	2.64	sand	< 8.6	29 ± 4.5	29	
					2024/9/25	Sunny	22.9	0.3	14.4	3	Grayish brown	None	0.0	0.0	2.9	21.8	67.5	7.0	0.3	0.5	70.4	2.83	sand	< 7.9	12 ± 2.7	12	
					2024/10/21	Sunny	15.9	0.2	12.8	3	Brown	None	0.0	11.0	39.9	27.3	21.0	0.6	0.1	0.1	82.6	2.80	gravel/sand	< 3.8	5.2 ± 1.6	5.2	
					2024/12/11	Light Snow	6.3	0.4	6.8	4	Brown	None	0.0	0.4	29.0	32.2	32.5	5.1	0.7	0.1	74.5	2.68	gravel/sand	< 6.8	16 ± 2.8	16	
					2025/1/29	Light Snow	-2.0	0.4	1.6	4	Brown	None	0.0	4.5	43.3	28.9	19.5	3.1	0.4	0.3	76.1	2.71	gravel/sand	< 7.8	11 ± 3.3	11	
					2025/2/12	Sunny	3.1	0.4	4.2	3	Brown	None	0.0	0.1	24.0	35.8	37.3	2.3	0.3	0.2	75.3	2.77	gravel/sand	< 6.4	10 ± 2.4	10	
	118	Nagase River	Kogane Bridge		2024/4/25	Cloudy	13.0	2.0	11.8	2	Dark brown	None	0.0	0.3	40.5	26.3	21.5	10.0	0.7	0.7	83.0	2.75	gravel/sand	< 4.3	6.9 ± 1.6	6.9	
					2024/5/14	Sunny	24.1	0.3	17.2	4	Brown	Faint swamp	0.0	1.3	44.7	33.0	14.5	5.9	0.5	0.1	85.0	2.68	gravel/sand	< 6.4	12 ± 2.2	12	
					2024/6/4	Cloudy	16.0	0.3	14.6	4	Dark brown	None	0.0	0.2	15.4	39.2	23.8	18.8	1.4	1.2	80.1	2.71	gravel/sand	< 6.2	11 ± 2.2	11	
					2024/7/10	Cloudy	23.5	0.5	18.4	3	Dull yellow brown	None	0.0	0.7	49.7	44.9	4.6	0.1	0.0	0.0	97.1	2.70	gravel/sand	< 5.7	7.3 ± 2.1	7.3	
					2024/8/24	Sunny	32.8	0.3	24.6	3	Dark brown	None	0.0	1.0	45.3	31.5	19.2	2.8	0.0	0.2	78.4	2.79	gravel/sand	< 3.7	8.2 ± 1.7	8.2	
					2024/9/25	Sunny	20.5	0.1	17.4	3	Brown	None	0.0	0.0	12.8	47.2	39.8	0.1	0.0	0.1	75.4	2.64	gravel/sand	< 5.8	11 ± 2.3	11	
					2024/10/21	Sunny	16.9	0.1	14.1	3	Brown	None	0.0	1.3	23.1	32.8	41.1	1.6	0.0	0.1	78.5	2.67	gravel/sand	< 7.1	8.8 ± 2.7	8.8	
					2024/12/11	Light Snow	2.6	0.3	6.4	4	Brown	None	0.0	2.9	37.0	35.2	22.7	2.1	0.0	0.1	80.3	2.71	gravel/sand	< 5.2	9.7 ± 2.0	9.7	
					2025/1/29	Light Snow	-2.6	0.2	1.1	4	Brown	None	0.0	2.2	28.8	34.8	30.5	3.3	0.3	0.1	81.8	2.72	gravel/sand	< 5.1	6.7 ± 1.5	6.7	
					2025/2/12	Sunny	1.4	0.3	2.6	3	Dark brown	None	0.0	1.0	44.9	31.9	20.4	1.5	0.2	0.1	79.8	2.70	gravel/sand	< 7.3	8.4 ± 2.3	8.4	
	119	Takahashi River	Shinbashi Bridge		2024/5/14	Sunny	19.2	0.3	15.3	4	Dark brown	Faint swamp	0.0	0.2	23.0	40.6	31.1	3.3	1.6	0.2	73.8	2.67	gravel/sand	< 5.9	24 ± 2.9	24	
					2024/6/4	Cloudy	19.0	0.4	16.5	4	Dark brown	None	0.0	0.0	7.2	26.8	54.7	9.6	1.1	0.6	70.9	2.67	sand/gravel	< 6.4	36 ± 4.6	36	
					2024/8/24	Sunny	30.2	0.3	20.9	3	Dark brown	None	0.0	0.0	2.1	33.6	55.5	5.3	1.4	2.1	64.6	2.66	sand/gravel	< 3.7	41 ± 2.9	41	
					2024/10/9	Cloudy	14.0	0.5	15.8	3	Dark brown	None	0.0	0.0	5.0	13.3	46.7	9.8	11.7	13.5	43.3	2.53	sand/silt	< 8.0	14 ± 3.0	14	
					2024/11/9	Sunny	8.9	0.4	9.2	3	Dark brown	None	0.0	0.0	4.6	33.0	59.3	2.5	0.4	0.2	76.1	2.78	gravel/sand	< 8.1	31 ± 3.6	31	
					2024/12/11	Light Snow	3.6	0.4	7.1	3	Dark brown	None	0.0	0.0	2.9	46.4	46.9	2.4	1.0	0.4	69.3	2.68	sand/gravel	< 6.5	31 ± 3.8	31	
	120	Koguro River	Umeno Bridge		2024/5/14	Sunny	19.2	1.1	13.5	4	Brownish black	Faint swamp	0.0	0.1	19.6	34.3	36.6	7.7	1.4	0.3	73.4	2.70	gravel/sand	< 6.4	68 ± 5.1	68	
					2024/6/4	Cloudy	20.0	0.4	18.5	3	Brownish black	None	0.0	0.1	18.5	26.7	46.1	7.1	0.8	0.7	74.8	2.74	sand/gravel	< 6.1	65 ± 5.2	65	
					2024/8/24	Sunny	30.3	0.4	23.8	3	Brownish black	None	0.0	1.0	38.3	47.3	11.4	1.1	0.4	0.5	80.4	2.73	sand/gravel	< 3.8	44 ± 2.8	44	
					2024/10/21	Sunny	17.0	0.2	14.5	3	Brownish black	None	0.0	1.1	6.1	13.5	69.7	8.5	0.8	0.3	76.3	2.79	sand/gravel	< 9.0	67 ± 7.2	67	
					2024/11/9	Sunny	7.9	0.8	10.0	3	Brownish black	None	0.0	1.0	21.2	26.1	48.4	2.3	0.5	0.5	76.1	2.75	gravel/sand	< 7.3	66 ± 5.5	66	
					2024/12/11	Light Snow	2.1	0.8	6.0	3	Brownish black	Faint swamp	0.0	2.6	31.1	26.3	34.0	3.5	1.3	1.2	78.7	2.75	gravel/sand	< 4.4	47 ± 3.2	47	
	121	Hishinuma River	Sekido District	Inawashiro Town	2024/5/14	Sunny	26.3	0.7	17.1	4	Olive black	Faint sewage	0.0	0.0	2.0	8.1	14.8	2.2	36.3	36.6	26.2	2.48	silt	< 7.2	290 ± 10	290	
					2024/6/4	Cloudy	18.0	0.3	18.6	3	Olive black	Faint sewage	0.0	0.0	0.5	2.8	3.9	1.6	50.6	40.6	35.1	2.45	silt/sand	< 9.5	290 ± 9.5	290	
					2024/8/24	Sunny	34.5	0.7	27.3	4	Olive black	None	0.0	0.0	0.0	26.3	18.0	4.5	20.8	30.4	30.2	2.57	silt/sand	< 9.9	170 ± 8.3	170	
					2024/10/21	Sunny	14.9	0.3	15.8	3	Olive black	Faint sewage	0.0	0.0	9.4	23.7	26.5	5.7	10.8	23.9	32.7	2.58	silt/sand	< 8.8	170 ± 9.0	170	
					2024/11/9	Sunny	8.2	0.8	10.9	4	Olive black	Faint swamp	0.0	0.0	0.4	1.8	3.6	1.7	46.9	45.6	21.6	2.52	silt	< 8.1	360 ± 9.2	360	
					2024/12/11	Light Snow	8.7	1.2	8.0	5	Brownish black	Faint ditch	0.0	0.0	0.4	0.1	0.3	1.0	45.8	52.4	18.3	2.46	silt	< 7.7	310 ± 8.2	310	
	122	Funatsu River	Funatsu Bridge	Koriyama City	2024/5/14	Sunny	21.2	0.5	16.9	3	Dull yellow brown	Faint swamp	0.0	0.7	31.4	29.1	35.5	2.4	0.8	0.1	78.0	2.71	gravel/sand	< 3.2	4.3 ± 0.99	4.3	
					2024/6/4	Cloudy	17.0	0.4	16.1	3	Dull yellow brown	Faint swamp	0.0	0.1	17.4	23.0	52.7	6.5	0.1	0.2	75.9	2.70	sand/gravel	< 4.7	4.7 ± 1.4	4.7	
					2024/8/26	Sunny	26.0	0.4	19.6	4	Dull yellow brown	Faint swamp	0.0	1.2	27.0	20.2	41.7	7.8	0.7	1.4	76.3	2.75	sand/gravel	< 3.7	4.9 ± 1.2	4.9	
					2024/10/21	Sunny	14.0	0.2	13.8	3	Brown	Faint swamp	0.0	8.5	23.9	17.6	41.5	6.3	1.0	1.2	79.7	2.73	sand/gravel	< 0.93	< 0.90	-	
					2024/11/16	Sunny	16.3	0.5	13.0	3	Dull yellow brown	Faint swamp	0.0	3.2	47.0	34.0	14.4	1.1	0.2	0.1	89.0	2.72	gravel/sand	< 1.3	2.5 ± 0.38	2.5	
					2024/12/11	Light Snow	6.6	0.5	8.0	3	Brown	None	0.0	2.0	34.3	24.0	33.8	3.1	1.8	1.0	75.1	2.72	gravel/sand	< 1.5	2.9 ± 0.49	2.9	
	123	Haragawa River	Estuary, front	Aizuwakamatsu City	2024/5/14	Sunny	21.2	1.2	15.7	3	Dark grayish yellow	Faint swamp	0.0	0.0	0.4	8.0	69.1	13.8	3.9	4.8	66.7	2.77	sand/silt	< 5.1	13 ± 2.2	13	
					2024/6/4	Cloudy	17.0	0.9	14.8	4	Grayish yellow brown	Faint swamp	0.0	0.0	5.4	18.5	42.5	24.2	5.4	4.0	67.1	2.73	sand/silt	< 7.4	27 ± 4.0	27	
					2024/8/26	Sunny	21.5	0.4	19.6	5	Dark brown	Faint swamp	0.0	0.0	0.2	3.5	73.9	15.6	3.0	3.8	71.0	2.82	sand	< 9.2	12 ± 3.0	12	
					2024/10/9	Cloudy	14.0	0.6	15.0	3	Brownish black	Faint swamp	0.0	0.0	0.0	4.2	47.1	17.8	13.7	17.2	46.9	2.68	silt/sand	< 7.5	38 ± 4.0	38	
					2024/11/1	Sunny	13.4	0.4	12.8	3	Dark brown	None	0.0	0.0	0.7	3.8	22.6	29.3	25.8	17.8	44.0	2.60	sand/gravel	< 8.1	120 ± 7.1	120	
					2024/12/11	Light Snow	4.6	1.2	6.7	3	Brownish black	Faint swamp	0.0	0.0	0.0	9.7	33.4	14.8	17.2	24.9	34.4	2.61	silt/sand	< 9.5	66 ± 6.7	66	

Fukushima River(SE_Aizu) 1/2

	Location				Sampling Date	Weather	Air temperature (℃)	Surrounding Environment(Soil,Air dose)																
								Left bank									Right bank								
											Activity concentration [Bq/kg(dry)]				Air dose (μSv/h)				Activity concentration [Bq/kg(dry)]				Remarks
											Radioactive cesium								Radioactive cesium				
	No.	Water Area	Location	Municipality				Color	Odor	Property	Cs-134	Cs-137	Total		Color	Odor	Property	Cs-134	Cs-137	Total		
Rivers	98	Agano River	Tajima Bridge	Minamiaizu Town	2024/5/8	Cloudy	15.0	Brownish black	Faint earth	loamy	< 8.9	91 ± 6.0	91	0.06	Brownish black	Faint earth	Loamy	< 6.0	32 ± 3.2	32	0.06	
					2024/6/19	Sunny	25.1	Brownish black	Faint earth	loamy	< 8.0	83 ± 5.6	83	0.06	Brownish black	Faint earth	Loamy	< 7.7	160 ± 7.5	160	0.06	
					2024/8/26	Sunny	24.5	Brownish black	Faint earth	loamy	< 8.6	70 ± 7.0	70	0.06	Dark brown	Faint earth	Loamy	< 8.4	46 ± 5.6	46	0.05	
	99		Okawa Bridge	Aizuwakamatsu City	2024/5/16	Sunny	22.0	Brownish black	Faint earth	loamy	< 7.6	110 ± 7.0	110	0.07	Brownish black	Faint earth	Loamy	< 9.6	120 ± 6.8	120	0.06	
					2024/6/27	Sunny	26.9	Brownish black	Faint earth	loamy	< 6.7	110 ± 6.6	110	0.08	Brownish black	Faint earth	Loamy	< 8.4	77 ± 6.0	77	0.06	
					2024/8/26	Sunny	26.7	Brownish black	Faint earth	loamy	< 9.3	78 ± 6.3	78	0.07	Brownish black	Faint earth	Loamy	< 9.4	180 ± 8.9	180	0.05	
	100	Yukawa River	Takimi Bridge		2024/5/21	Cloudy	20.2	Dark brown	Faint earth	loamy	< 8.4	350 ± 12	350	0.08	Dark brown	Faint earth	Loamy	< 6.3	99 ± 6.5	99	0.06	
					2024/6/14	Sunny	27.4	Dark brown	Faint earth	loamy	< 9.1	340 ± 14	340	0.07	Grayish yellow brown	Faint earth	Loamy	< 7.4	210 ± 10	210	0.06	
					2024/8/27	Cloudy	25.2	Dark brown	Faint earth	loamy	< 8.8	350 ± 14	350	0.07	Dark brown	Faint earth	Loamy	< 9.8	61 ± 6.5	61	0.06	
	101		Shinyukawa Bridge		2024/5/21	Cloudy	17.1	Brownish black	Faint earth	loamy	17 ± 4.0	1,200 ± 23	1,217	0.09	Brownish black	Faint earth	Loamy	17 ± 3.2	990 ± 20	1,007	0.09	
					2024/6/25	Cloudy	26.5	Dark brown	Faint earth	loamy	< 9.6	680 ± 15	680	0.08	Brownish black	Faint earth	Loamy	11 ± 2.7	550 ± 15	561	0.09	
					2024/8/24	Cloudy	26.9	Grayish yellow brown	Faint earth	loamy	18 ± 3.5	950 ± 22	968	0.09	Dull yellow brown	Faint earth	Loamy	< 8.1	360 ± 12	360	0.08	
	102		Before the confluen		2024/5/21	Cloudy	16.9	Brownish black	Faint earth	loamy	< 8.8	510 ± 13	510	0.08	Dark brown	Faint earth	Loamy	< 8.1	610 ± 15	610	0.10	
					2024/6/25	Cloudy	26.6	Brownish black	Faint earth	loamy	< 7.6	130 ± 7.2	130	0.08	Brownish black	Faint earth	Loamy	< 7.5	270 ± 9.9	270	0.08	
					2024/8/24	Light Rain	26.8	Grayish yellow brown	Faint earth	loamy	10 ± 2.5	750 ± 16	760	0.07	Dull yellow brown	Faint earth	Loamy	< 8.8	700 ± 16	700	0.09	
	103	Miyakawa River	Saikuna Bridge	Aizubange Town	2024/5/21	Cloudy	16.1	Dark brown	Faint earth	loamy	< 7.1	310 ± 11	310	0.06	Dark brown	Faint earth	Loamy	< 9.5	170 ± 9.9	170	0.08	
					2024/6/24	Sunny	28.8	Dark brown	Faint earth	loamy	< 7.8	300 ± 12	300	0.06	Brownish black	Faint earth	Loamy	< 8.1	220 ± 9.8	220	0.07	
					2024/8/24	Cloudy	27.0	Grayish yellow brown	Faint earth	loamy	< 8.7	210 ± 11	210	0.06	Dull yellow brown	Faint earth	Loamy	< 9.3	96 ± 7.5	96	0.08	
	104	Agano River	Miyako Bridge		2024/5/21	Sunny	21.7	Brownish black	Faint earth	loamy	19 ± 3.0	1,000 ± 18	1,019	0.12	Dark brown	Faint earth	Loamy	< 8.0	35 ± 3.5	35	0.06	
					2024/6/24	Sunny	28.8	Brownish black	Faint earth	loamy	16 ± 3.2	750 ± 22	766	0.08	Brownish black	Faint earth	Loamy	< 7.9	25 ± 3.6	25	0.06	
					2024/8/24	Sunny	31.2	Dark brown	Faint earth	loamy	20 ± 3.5	940 ± 22	960	0.08	Dull yellow brown	Faint earth	Loamy	< 9.2	330 ± 12	330	0.07	
	105	Nippashi River	Minami-ohashi Brid	Kitakata City	2024/4/25	Cloudy	15.0	Brownish black	Faint earth	loamy	17 ± 4.3	1,200 ± 30	1,217	0.08	Dull yellow brown	Faint earth	Loamy	< 9.0	110 ± 7.4	110	0.07	
					2024/5/21	Sunny	20.7	Dark brown	Faint earth	loamy	20 ± 4.0	1,400 ± 23	1,420	0.10	Dull yellow brown	None	Sandy	< 6.1	99 ± 6.0	99	0.08	
					2024/6/25	Cloudy	28.4	Brownish black	Faint earth	loamy	50 ± 6.0	2,600 ± 40	2,650	0.09	Dark brown	Faint earth	Loamy	< 9.3	170 ± 9.1	170	0.08	
					2024/7/9	Cloudy	25.7	Brownish black	Faint earth	loamy	15 ± 3.1	760 ± 21	775	0.08	Dark brown	Faint earth	Loamy	< 8.5	200 ± 9.1	200	0.07	
					2024/8/24	Sunny	33.1	Dull yellow brown	Faint earth	loamy	24 ± 4.1	1,800 ± 32	1,824	0.09	Brown	Faint earth	Loamy	< 7.9	210 ± 9.2	210	0.07	
					2024/9/25	Sunny	18.6	Brownish black	Faint earth	loamy	36 ± 9.3	2,100 ± 53	2,136	0.08	Dark brown	Faint earth	Loamy	< 9.5	210 ± 10	210	0.07	
	106	Kyu-yukawa River	Awanomiya Bridge	Yugawa Village	2024/5/21	Sunny	18.2	Dull yellow brown	Faint earth	loamy	9.8 ± 1.7	290 ± 7.1	299.8	0.10	Dark brown	Faint earth	Loamy	8.7 ± 2.1	590 ± 12	598.7	0.08	
					2024/6/25	Cloudy	28.3	Brownish black	Faint earth	loamy	< 6.4	41 ± 3.6	41	0.08	Brownish black	Faint earth	Loamy	< 7.1	240 ± 9.3	240	0.07	
					2024/8/24	Sunny	31.6	Dark brown	Faint earth	loamy	14 ± 2.4	950 ± 17	964	0.10	Brownish black	Faint earth	Loamy	30 ± 5.5	2,200 ± 38	2,230	0.07	
	107	Kyu-miyakawa River	Josuke Bridge	Aizubange Town	2024/5/10	Sunny	7.0	Dark brown	Faint earth	loamy	< 7.7	310 ± 12	310	0.07	Dark brown	Faint earth	Loamy	< 9.5	490 ± 18	490	0.07	
					2024/6/17	Sunny	28.9	Dull yellow brown	Faint earth	loamy	< 9.6	260 ± 12	260	0.07	Grayish yellow brown	Faint earth	Loamy	< 9.0	600 ± 13	600	0.06	
					2024/8/26	Cloudy	28.1	Dark brown	Faint earth	loamy	< 8.8	410 ± 13	410	0.07	Brownish black	Faint earth	Loamy	< 9.1	220 ± 11	220	0.06	
	108	Tatsuki River	Ohashi	Kitakata City	2024/5/23	Sunny	28.4	Brownish black	Faint earth	loamy	< 7.6	220 ± 8.5	220	0.07	Brownish black	Faint earth	Loamy	< 7.6	170 ± 7.9	170	0.06	
					2024/6/11	Sunny	26.3	Brownish black	Faint earth	loamy	< 7.4	200 ± 10	200	0.06	Dull yellow brown	Faint earth	Loamy	< 8.2	190 ± 8.8	190	0.06	
					2024/8/26	Cloudy	28.5	Brownish black	Faint earth	loamy	< 8.4	58 ± 5.3	58	0.06	Brownish black	Faint earth	Loamy	< 7.6	170 ± 10	170	0.06	
	109		Shimokawara Bridg		2024/5/21	Sunny	20.6	Dull yellow brown	Faint earth	loamy	< 5.4	78 ± 4.6	78	0.07	Dark brown	Faint earth	Loamy	< 7.7	65 ± 5.5	65	0.07	
					2024/6/17	Sunny	25.3	Grayish yellow brown	Faint earth	loamy	< 7.2	31 ± 3.8	31	0.06	Grayish yellow brown	Faint earth	Loamy	< 7.6	34 ± 4.2	34	0.06	
					2024/8/26	Sunny	31.2	Brownish black	Faint earth	loamy	< 8.2	250 ± 11	250	0.06	Brownish black	Faint earth	Loamy	< 7.7	160 ± 8.5	160	0.06	
	110	Nigori River	Nigorigawa Bridge		2024/5/10	Sunny	7.0	Brownish black	Faint earth	loamy	10 ± 2.5	490 ± 15	500	0.06	Grayish yellow brown	Faint earth	Loamy	< 6.4	110 ± 7.1	110	0.06	
					2024/6/17	Sunny	29.4	Dull yellow brown	Faint earth	loamy	< 9.6	580 ± 18	580	0.08	Dull yellow brown	Faint earth	Loamy	9.4 ± 2.2	710 ± 15	719.4	0.07	
					2024/8/26	Sunny	31.9	Brownish black	Faint earth	loamy	< 9.9	690 ± 16	690	0.08	Brownish black	Faint earth	Loamy	< 8.5	410 ± 13	410	0.08	
	111		Yamazaki Bridge		2024/5/10	Sunny	8.0	Brownish black	Faint earth	loamy	< 9.7	510 ± 17	510	0.06	Dull yellow brown	Faint earth	Loamy	< 8.5	23 ± 3.8	23	0.06	
					2024/6/17	Sunny	27.3	Dull yellow brown	Faint earth	loamy	< 8.2	620 ± 14	620	0.07	Dull yellow brown	Faint earth	Loamy	< 6.5	29 ± 3.6	29	0.07	
					2024/8/26	Cloudy	29.3	Brownish black	Faint earth	loamy	< 9.5	490 ± 15	490	0.06	Dark brown	Faint earth	Loamy	< 8.8	< 8.4	-	0.06	
	112	Inagawa River	Aoyagi Bridge	Minamiaizu Town	2024/5/8	Cloudy	13.0	Dark brown	Faint earth	loamy	< 9.1	140 ± 7.8	140	0.08	Brownish black	Faint earth	Loamy	12 ± 2.8	450 ± 16	462	0.09	
					2024/6/27	Sunny	26.6	Dull yellow brown	Faint earth	loamy	< 8.5	350 ± 15	350	0.08	Dark brown	Faint earth	Loamy	8.4 ± 2.1	350 ± 11	358.4	0.09	
					2024/8/24	Cloudy	30.3	Dark brown	Faint earth	loamy	< 8.9	450 ± 13	450	0.07	Brownish black	Faint earth	Loamy	< 8.2	130 ± 9.8	130	0.08	
	113		Kurosawa Bridge	Tadami Town	2024/5/9	Cloudy	10.0	Brownish black	Faint earth	loamy	< 8.8	82 ± 7.0	82	0.07	Brownish black	Faint earth	Loamy	< 7.1	8.1 ± 2.0	8.1	0.07	
					2024/6/27	Sunny	26.9	Brownish black	Faint earth	loamy	< 7.4	76 ± 5.7	76	0.08	Dull yellow brown	Faint earth	Loamy	< 6.7	< 8.1	-	0.06	
					2024/8/24	Cloudy	29.9	Brownish black	Faint earth	loamy	< 8.8	91 ± 7.6	91	0.06	Brownish black	Faint earth	Loamy	< 7.4	7.7 ± 2.5	7.7	0.07	
	114	Tadami River	Nishitani Bridge	Kaneyama Town	2024/5/9	Sunny	13.0	Dull yellow brown	Faint earth	loamy	< 9.1	450 ± 14	450	0.07	Brownish black	Faint earth	Loamy	< 6.8	7.7 ± 1.7	7.7	0.07	
					2024/6/27	Sunny	25.6	Dull yellow brown	Faint earth	loamy	< 9.0	440 ± 13	440	0.06	Brownish black	Faint earth	Loamy	< 7.5	< 7.9	-	0.07	
					2024/8/24	Sunny	31.6	Dull yellow brown	Faint earth	loamy	< 8.6	250 ± 10	250	0.05	Brownish black	Faint earth	Loamy	< 6.8	9.7 ± 2.7	9.7	0.05	
	115		Fuji Bridge	Aizubange Town	2024/5/10	Sunny	23.0	Dark brown	Faint earth	loamy	6.5 ± 1.8	190 ± 8.5	196.5	0.07	Black	Faint earth	Loamy	9.2 ± 1.7	450 ± 12	459.2	0.05	
					2024/6/24	Cloudy	23.4	Dark brown	Faint earth	loamy	< 10	270 ± 13	270	0.06	Black	Faint earth	Loamy	< 8.2	270 ± 10	270	0.07	
					2024/8/26	Cloudy	25.0	Dark brown	Faint earth	loamy	< 7.6	170 ± 9.4	170	0.06	Brownish black	Faint earth	Loamy	< 8.2	630 ± 17	630	0.08	
	116	Agano River	Shingo Dam	Kitakata City	2024/5/10	Sunny	23.0	Dark brown	Faint earth	loamy	< 8.7	380 ± 13	380	0.07	Brownish black	Faint earth	Loamy	< 9.7	240 ± 10	240	0.07	
					2024/6/24	Cloudy	25.8	Dark brown	Faint earth	loamy	14 ± 3.8	510 ± 16	524	0.06	Brownish black	Faint earth	Loamy	< 9.0	240 ± 10	240	0.06	
					2024/8/26	Cloudy	25.4	Dark brown	Faint earth	loamy	< 9.4	320 ± 15	320	0.07	Brownish black	Faint earth	Loamy	< 8.0	290 ± 11	290	0.06	

Fukushima River(SE_Aizu) 2/2

	Location				Sampling Date	Weather	Air temperature (℃)	Surrounding Environment(Soil,Air dose)															
								Left bank									Right bank							
								Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air dose (μSv/h)	Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air dose (μSv/h)	Remarks
											Radioactive cesium							Radioactive cesium				
	No.	Water Area	Location	Municipality							Cs-134	Cs-137	Total					Cs-134	Cs-137	Total		
Rivers	117	Sukawa River	Sukawano	Inawashiro Town	2024/4/25	Cloudy	14.0	Brownish black	Faint earth	loamy	< 9.4	440 ± 16	440	0.08	Brownish black	Faint earth	Loamy	14 ± 3.1	600 ± 16	614	0.09	
					2024/5/14	Sunny	16.2	Dark brown	Faint earth	loamy	< 8.4	330 ± 12	330	0.08	Brownish black	Faint earth	Loamy	10 ± 2.0	480 ± 13	490	0.09	
					2024/6/4	Cloudy	16.0	Dark brown	Faint earth	loamy	< 7.7	260 ± 9.5	260	0.07	Dark brown	Faint earth	Loamy	9.7 ± 2.0	520 ± 12	529.7	0.08	
					2024/7/10	Cloudy	22.3	Dark brown	Faint earth	loamy	< 7.3	250 ± 11	250	0.06	Brownish black	Faint earth	Loamy	< 9.3	410 ± 13	410	0.07	
					2024/8/27	Sunny	25.9	Dark brown	Faint earth	loamy	< 9.5	350 ± 17	350	0.06	Brownish black	Faint earth	Loamy	< 9.1	470 ± 17	470	0.07	
					2024/9/25	Sunny	22.9	Dull yellow brown	Faint earth	loamy	< 8.9	380 ± 12	380	0.07	Brownish black	Faint earth	Loamy	8.4 ± 1.8	570 ± 12	578.4	0.07	
	118	Nagase River	Kogane Bridge		2024/4/25	Cloudy	13.0	Dark brown	Faint earth	loamy	< 7.2	240 ± 9.4	240	0.05	Dark brown	Faint earth	Loamy	< 5.4	8.5 ± 2.1	8.5	0.06	
					2024/5/14	Sunny	24.1	Dark brown	Faint earth	loamy	< 9.3	150 ± 7.8	150	0.05	Dull yellow brown	Faint earth	Loamy	< 9.2	13 ± 3.4	13	0.06	
					2024/6/4	Cloudy	16.0	Dark brown	Faint earth	loamy	< 5.7	16 ± 2.8	16	0.04	Dull yellow brown	Faint earth	Loamy	< 8.0	13 ± 3.3	13	0.06	
					2024/7/10	Cloudy	23.5	Dark brown	Faint earth	loamy	< 6.6	130 ± 6.4	130	0.05	Dull yellow brown	Faint earth	Loamy	< 4.4	9.9 ± 1.7	9.9	0.06	
					2024/8/24	Sunny	32.8	Dark brown	Faint earth	loamy	< 8.9	67 ± 6.1	67	0.04	Dull yellow brown	Faint earth	Loamy	< 7.0	7.8 ± 2.2	7.8	0.04	
					2024/9/25	Sunny	20.5	Dark brown	Faint earth	loamy	< 5.5	39 ± 3.9	39	0.06	Dark brown	Faint earth	Loamy	< 4.2	9.7 ± 2.3	9.7	0.04	
	119	Takahashi River	Shinbashi Bridge		2024/5/14	Sunny	19.2	Dark brown	Faint earth	loamy	< 9.5	260 ± 12	260	0.05	Dark brown	Faint earth	Loamy	< 8.5	160 ± 9.1	160	0.06	
					2024/6/4	Cloudy	19.0	Brownish black	Faint earth	loamy	< 7.9	240 ± 9.6	240	0.05	Dark brown	Faint earth	Loamy	< 7.3	45 ± 5.1	45	0.05	
					2024/8/24	Sunny	30.2	Brownish black	Faint earth	loamy	< 7.6	240 ± 9.8	240	0.04	Dark brown	Faint earth	Loamy	< 9.2	280 ± 13	280	0.05	
	120	Koguro River	Umeno Bridge		2024/5/14	Sunny	19.2	Dark brown	Faint earth	loamy	< 9.1	490 ± 13	490	0.06	Dark brown	Faint earth	Loamy	< 9.5	160 ± 9.3	160	0.05	
					2024/6/4	Cloudy	20.0	Brownish black	Faint earth	loamy	< 8.1	500 ± 12	500	0.05	Brownish black	Faint earth	Loamy	< 6.1	150 ± 6.9	150	0.05	
					2024/8/24	Sunny	30.3	Brownish black	Faint earth	loamy	< 7.4	500 ± 12	500	0.04	Brownish black	Faint earth	Loamy	< 8.5	73 ± 6.6	73	0.04	
	121	Hishinuma River	Sekido District		2024/5/14	Sunny	26.3	Dark brown	Faint earth	loamy	< 6.3	180 ± 7.7	180	0.06	Dark brown	Faint earth	Loamy	5.2 ± 1.3	150 ± 7.2	155.2	0.05	
					2024/6/4	Cloudy	18.0	Dark brown	Faint earth	loamy	< 6.7	210 ± 8.0	210	0.04	Dark brown	Faint earth	Loamy	< 5.7	96 ± 5.1	96	0.04	
					2024/8/24	Sunny	34.5	Dark brown	Faint earth	loamy	< 6.7	85 ± 6.4	85	0.04	Dark brown	Faint earth	Loamy	8.5 ± 2.3	440 ± 16	448.5	0.05	
	122	Funatsu River	Funatsu Bridge	Koriyama City	2024/5/14	Sunny	21.2	Dark brown	Faint earth	loamy	< 9.3	150 ± 8.3	150	0.05	Brownish black	Faint earth	Loamy	< 8.1	170 ± 8.8	170	0.06	
					2024/6/4	Cloudy	17.0	Dark brown	Faint earth	loamy	< 6.7	170 ± 7.5	170	0.06	Brownish black	Faint earth	Loamy	< 9.5	120 ± 7.2	120	0.06	
					2024/8/26	Sunny	26.0	Dark brown	Faint earth	loamy	< 9.4	91 ± 8.0	91	0.05	Brownish black	Faint earth	Loamy	< 9.8	63 ± 7.1	63	0.05	
	123	Haragawa River	Estuary, front	Aizuwakamatsu City	2024/5/14	Sunny	21.2	Brownish black	Faint earth	loamy	< 7.7	70 ± 5.9	70	0.04	Dark brown	Faint earth	Loamy	< 9.1	140 ± 8.5	140	0.05	
					2024/6/4	Cloudy	17.0	Brownish black	Faint earth	loamy	< 4.4	73 ± 3.9	73	0.05	Brownish black	Faint earth	Loamy	< 5.3	65 ± 4.0	65	0.05	
					2024/8/26	Sunny	21.5	Brownish black	Faint earth	loamy	< 9.2	100 ± 8.8	100	0.04	Brownish black	Faint earth	Loamy	< 9.2	49 ± 6.7	49	0.04	

Fukushima Lakes(Water_Aizu) 1/9

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water											
									General items									Activity concentration(Bq/L)		Remarks
																		Radioactive cesium		
	No.	Location	Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	177	Nicchu Dam	Kitakata City	Surface layer	2024/5/13	Light Rain	15.0	67.0	15.4	0.5	Dark grayish yellow green	None	4.0	10.4	2	2.5	< 0.78	< 0.80	
				Deep layer					6.4	66.0	-	None		12.7	2	2.1	< 0.83	< 0.69	
				Surface layer	2024/6/11	Sunny	21.5	51.6	20.4	0.5	Grayish yellow green	None	3.0	8.2	<1	1.0	< 0.78	< 0.76	
				Deep layer					6.8	50.6	-	None		17.3	2	1.1	< 0.54	< 0.78	
				Surface layer	2024/8/9	Sunny	32.6	45.5	25.3	0.5	Grayish yellow green	None	4.0	6.2	3	2.1	< 0.75	< 0.72	
				Deep layer					6.9	44.5	-	None		9.4	2	1.1	< 0.61	< 0.58	
				Surface layer	2024/10/9	Cloudy	14.2	54.1	16.6	0.5	Dark grayish yellow green	None	1.5	6.4	<1	2.0	< 0.78	< 0.78	
				Deep layer					8.4	53.1	-	None		9.0	2	2.0	< 0.68	< 0.50	
				Surface layer	2024/11/12	Sunny	12.8	50.2	13.3	0.5	Dark grayish yellow green	None	4.0	8.5	<1	1.8	< 0.57	< 0.72	
				Deep layer					6.8	49.2	-	None		12.3	<1	1.8	< 0.64	< 0.82	
				Surface layer	2024/12/11	Light Rain	2.4	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
				Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
	178	Lake Sohara	Kitashiobara Village	Surface layer	2024/5/15	Sunny	19.0	6.4	18.3	0.5	Grayish yellow green	None	5.0	2.9	2	1.9	< 0.60	< 0.61	
				Deep layer					17.2	5.4	-	None		2.9	3	2.0	< 0.64	< 0.73	
				Surface layer	2024/6/20	Sunny	16.6	7.1	23.9	0.5	Grayish yellow green	None	4.0	3.0	<1	1.1	< 0.84	< 0.64	
				Deep layer					23.2	6.1	-	None		3.0	<1	1.2	< 0.57	< 0.70	
				Surface layer	2024/8/8	Sunny	27.2	6.5	26.3	0.5	Dark grayish yellow green	None	2.0	3.4	3	1.2	< 0.92	< 0.82	
				Deep layer					22.1	5.5	-	None		3.4	4	1.7	< 0.64	< 0.61	
				Surface layer	2024/10/9	Cloudy	12.4	6.7	18.7	0.5	Dark grayish yellow green	None	1.5	3.6	2	2.0	< 0.67	< 0.78	
				Deep layer					18.3	5.7	-	None		3.5	3	2.2	< 0.82	< 0.79	
				Surface layer	2024/11/11	Sunny	15.1	6.4	12.1	0.5	Dark grayish yellow green	None	2.0	3.6	2	2.4	< 0.73	< 0.72	
				Deep layer					11.9	5.4	-	None		3.7	3	2.7	< 0.68	< 0.77	
				Surface layer	2024/12/9	Cloudy	1.9	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
				Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
	179	Lake Hibara		Surface layer	2024/5/15	Sunny	10.0	23.6	14.1	0.5	Dark grayish yellow green	None	7.0	5.1	<1	1.0	< 0.81	< 0.76	
				Deep layer					10.0	22.6	-	None		4.8	<1	0.7	< 0.66	< 0.63	
				Surface layer	2024/6/20	Sunny	15.2	23.2	22.2	0.5	Dark grayish yellow green	None	6.0	5.8	<1	0.7	< 0.87	< 0.73	
				Deep layer					13.4	22.2	-	None		4.9	<1	1.0	< 0.75	< 0.64	
				Surface layer	2024/7/17	Cloudy	22.1	23.1	21.8	0.5	Dark grayish yellow green	None	5.0	6.5	<1	0.8	< 0.71	< 0.71	
				Deep layer					13.0	22.1	-	None		5.8	2	1.3	< 0.82	< 0.91	
				Surface layer	2024/8/8	Sunny	24.2	23.8	24.8	0.5	Dark grayish yellow green	None	3.5	5.7	<1	0.2	< 0.93	< 0.73	
				Deep layer					11.8	22.8	-	None		5.9	6	1.3	< 0.84	< 0.72	
				Surface layer	2024/9/19	Light Rain	20.2	20.5	23.5	0.5	Dark grayish yellow green	None	4.0	5.9	<1	0.8	< 0.81	< 0.80	
				Deep layer					10.9	19.5	-	None		6.8	2	2.3	< 0.75	< 0.65	
				Surface layer	2024/10/8	Cloudy	14.3	21.1	19.2	0.5	Dark grayish yellow green	None	3.5	5.1	<1	1.2	< 0.78	< 0.59	
				Deep layer					18.5	20.1	-	None		5.0	<1	1.6	< 0.56	< 0.56	
				Surface layer	2024/11/11	Sunny	11.4	21.8	12.4	0.5	Dark grayish yellow green	None	7.0	5.6	2	2.2	< 0.82	< 0.69	
				Deep layer					10.1	20.8	-	None		5.9	3	4.5	< 0.81	< 0.89	
				Surface layer	2024/12/9	Cloudy	2.3	20.7	5.7	0.5	Dark grayish greenish yellow	None	3.0	5.5	2	1.7	< 0.72	< 0.64	
				Deep layer					5.1	19.7	-	None		5.6	<1	3.0	< 0.58	< 0.56	
				Surface layer	2025/1/8	Light Snow	-3.1	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
				Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
				Surface layer	2025/2/3	Sunny	-3.0	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
				Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.

Fukushima Lakes(Water_Aizu) 2/9

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water											Remarks
									General items									Activity concentration(Bq/L)		
																		Radioactive cesium		
	No.	Location	Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	180	Lake Onogawa	Kitashiobara Village	Surface layer	2024/5/15	Sunny	21.0	13.0	16.7	0.5	Dark grayish yellow green	None	5.0	4.3	<1	0.9	< 0.78	< 0.68	
				Deep layer					14.0	12.0	-	None		3.8	2	0.8	< 0.68	< 0.85	
				Surface layer	2024/6/20	Sunny	25.8	13.7	24.8	0.5	Dark grayish yellow green	None	3.0	5.3	<1	1.3	< 0.50	< 0.66	
				Deep layer					14.2	12.7	-	None		4.4	3	3.3	< 0.65	< 0.82	
				Surface layer	2024/7/17	Cloudy	22.9	12.8	21.9	0.5	Dark grayish yellow green	None	3.0	6.3	<1	1.2	< 0.81	< 0.85	
				Deep layer					18.7	11.8	-	None		5.2	2	1.6	< 0.67	< 0.78	
				Surface layer	2024/8/8	Sunny	26.7	14.1	25.7	0.5	Dark grayish yellow green	None	3.0	6.5	<1	0.5	< 0.52	< 0.66	
				Deep layer					13.2	13.1	-	None		6.3	6	4.1	< 0.67	< 0.74	
				Surface layer	2024/9/19	Cloudy	22.1	13.5	23.6	0.5	Dark grayish yellow green	None	4.0	6.6	<1	1.1	< 0.50	< 0.71	
				Deep layer					15.7	12.5	-	None		6.7	4	5.9	< 0.85	< 0.77	
				Surface layer	2024/10/9	Cloudy	13.1	13.4	18.3	0.5	Dark grayish yellow green	None	3.0	5.3	<1	1.4	< 0.60	< 0.58	
				Deep layer					16.9	12.4	-	None		5.0	<1	1.7	< 0.76	< 0.76	
				Surface layer	2024/11/12	Cloudy	14.4	13.1	11.9	0.5	Dark grayish yellow green	None	2.0	6.1	3	3.0	< 0.56	< 0.47	
				Deep layer					11.3	12.1	-	None		6.0	3	3.4	< 0.74	< 0.85	
				Surface layer	2024/12/9	Cloudy	1.4	4.0	4.0	0.5	Dark grayish yellow green	None	1.5	5.8	<1	3.7	< 0.93	< 0.79	
				Deep layer					3.7	3.0	-	None		5.7	3	2.3	< 0.75	< 0.75	
				Surface layer	2025/1/8	Light Snow	-2.8	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
				Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
				Surface layer	2025/2/3	Cloudy	-2.0	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
				Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
	181	Lake Akimoto	Inawashiro Town	Surface layer	2024/5/15	Sunny	17.0	31.2	14.4	0.5	Dark grayish yellow green	None	6.0	3.8	<1	0.9	< 0.82	< 0.85	
				Deep layer					8.9	30.2	-	None		4.5	2	1.7	< 0.82	< 0.77	
				Surface layer	2024/6/20	Sunny	30.6	29.0	22.2	0.5	Dark grayish yellow green	None	4.0	4.3	2	1.2	< 0.89	< 0.85	
				Deep layer					11.4	28.0	-	None		4.2	2	1.6	< 0.83	< 0.58	
				Surface layer	2024/7/17	Cloudy	22.3	30.0	22.3	0.5	Dark grayish yellow green	None	3.0	5.1	2	1.4	< 0.62	< 0.66	
				Deep layer					8.8	29.0	-	None		5.4	3	1.5	< 0.75	< 0.75	
				Surface layer	2024/8/8	Sunny	27.1	32.9	25.9	0.5	Dark grayish yellow green	None	4.0	5.4	<1	0.6	< 0.64	< 0.78	
				Deep layer					9.4	31.9	-	None		5.6	3	1.4	< 0.78	< 0.79	
				Surface layer	2024/9/19	Light Rain	20.2	28.2	23.8	0.5	Dark grayish yellow green	None	6.0	6.4	6	3.5	< 0.84	< 0.84	
				Deep layer					10.2	27.2	-	None		5.6	3	3.3	< 0.99	< 0.70	
				Surface layer	2024/10/8	Cloudy	13.6	28.9	18.7	0.5	Dark grayish yellow green	None	2.5	5.1	<1	2.1	< 0.77	< 0.62	
				Deep layer					10.8	27.9	-	None		5.2	2	2.6	< 0.92	< 0.85	
				Surface layer	2024/11/11	Sunny	14.5	27.8	12.7	0.5	Dark grayish yellow green	None	5.0	5.1	2	2.5	< 0.81	< 0.81	
				Deep layer					10.1	26.8	-	None		5.7	4	2.8	< 0.62	< 0.66	
				Surface layer	2024/12/9	Cloudy	1.6	29.4	5.6	0.5	Dark grayish yellow green	None	2.5	6.5	4	3.3	< 0.80	< 0.73	
				Deep layer					5.4	28.4	-	None		5.4	4	3.7	< 0.85	< 0.81	
				Surface layer	2025/1/8	Light Snow	-2.6	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
				Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
				Surface layer	2025/2/3	Cloudy	-2.0	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
				Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
	182	Lake Bishamonnuma	Kitashiobara Village	Surface layer	2024/5/15	Sunny	20.0	7.5	17.0	0.5	Grayish green	None	5.0	55.3	<1	0.8	< 0.68	< 0.80	
				Deep layer					15.2	6.5	-	None		54.1	<1	0.7	< 0.79	< 0.69	
				Surface layer	2024/6/11	Sunny	24.8	6.5	19.9	0.5	Grayish green	None	6.0	54.6	<1	0.9	< 0.87	< 0.77	
				Deep layer					16.5	5.5	-	None		53.6	<1	0.4	< 0.74	< 0.77	
				Surface layer	2024/8/9	Sunny	32.8	7.1	24.4	0.5	Grayish green	None	3.0	52.2	<1	1.6	< 0.47	< 0.50	
				Deep layer					20.3	6.1	-	None		54.7	2	1.3	< 1.0	< 0.76	
				Surface layer	2024/10/8	Light Rain	13.4	7.6	18.1	0.5	Grayish green	None	4.5	57.3	<1	1.0	< 0.50	< 0.50	
				Deep layer					17.5	6.6	-	None		56.0	<1	1.0	< 0.71	< 0.76	
				Surface layer	2024/11/9	Sunny	10.1	7.7	11.9	0.5	Grayish green	None	>7.7	57.8	<1	1.0	< 0.65	< 0.64	
				Deep layer					11.4	6.7	-	None		57.5	<1	1.0	< 0.71	< 0.85	
				Surface layer	2024/12/9	Cloudy	2.4	0.9	4.8	0.0	Dark grayish green	None	>0.9	6.2	<1	1.3	< 0.90	< 0.64	
				Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water

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	Location					Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water											
										General items								Activity concentration(Bq/L)		Remarks
																		Radioactive cesium		
	No.	Location		Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	183	Lake Oguninuma		Kitashiobara Village	Surface layer	2024/7/26	Cloudy	21.7	4.7	21.1	0.5	Grayish reddish yellow	None	1.0	1.9	3	2.5	< 0.81	< 0.79	
					Deep layer					20.7	3.7	-	None		1.7	4	3.1	< 0.56	< 0.58	
					Surface layer	2024/8/30	Cloudy	23.6	4.9	23.9	0.5	Dark grayish reddish yellow	None	0.8	1.8	3	3.3	< 0.61	< 0.52	
					Deep layer					23.9	3.9	-	None		1.9	4	3.4	< 0.75	< 0.68	
					Surface layer	2024/9/25	Cloudy	22.3	3.9	18.2	0.5	Dark grayish reddish yellow	None	1.0	2.1	6	4.7	< 0.87	< 0.83	
					Deep layer					18.1	2.9	-	None		2.3	9	5.0	< 0.79	< 0.79	
					Surface layer	2024/10/18	Cloudy	16.5	3.5	16.1	0.5	Dark grayish reddish yellow	None	0.5	2.0	6	6.2	< 0.69	< 0.68	
					Deep layer					15.7	2.5	-	None		2.1	6	6.5	< 0.63	< 0.84	
					Surface layer	2024/11/12	Sunny	13.6	4.2	9.9	0.5	Dark grayish reddish yellow	None	2.0	2.1	4	3.5	< 0.71	< 0.81	
					Deep layer					9.7	3.2	-	None		2.3	4	3.9	< 0.73	< 0.85	
					Surface layer	2024/12/26	Light Snow	1.0	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
					Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
	184	Aizu (farm pond)	Lake Onuma	Nishiaizu Town	Surface layer	2024/5/10	Sunny	16.0	0.5	19.5	0.0	Grayish yellow	None	0.3	9.7	10	7.7	< 0.75	< 0.72	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/21	Cloudy	22.5	0.3	24.3	0.0	Grayish yellow	None	>0.3	14.0	16	9.3	< 0.76	< 0.77	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/8/29	Cloudy	27.9	1.1	28.4	0.0	Grayish yellow	None	0.4	6.0	5	2.0	< 0.62	< 0.70	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/21	Sunny	20.7	0.2	16.7	0.0	Grayish yellow	None	>0.2	10.4	23	16	< 0.52	< 0.56	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/12	Sunny	19.5	0.4	14.3	0.0	Grayish yellow	None	0.2	6.5	7	6.4	< 0.75	< 0.78	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/11	Light Rain	3.7	10.4	8.0	0.5	Light grayish yellow green	None	1.0	5.7	4	3.5	< 0.69	< 0.69	
					Deep layer					7.9	9.4	-	None		5.5	3	3.1	< 0.59	< 0.77	
	185	Lake Inawashiro	Center	Aizuwakamatsu City	Surface layer	2024/5/14	Sunny	8.7	95.4	10.7	0.5	Dark grayish bluish green	None	8.0	9.4	<1	0.3	< 0.65	< 0.74	
					Deep layer					6.5	94.4	-	None		9.1	<1	0.3	< 0.67	< 0.75	
					Surface layer	2024/6/18	Light Rain	17.1	94.8	19.1	0.5	Dark grayish bluish green	None	10.5	11.6	<1	0.8	< 0.87	< 0.72	
					Deep layer					8.8	93.8	-	None		11.7	<1	0.5	< 0.67	< 0.66	
					Surface layer	2024/10/1	Sunny	16.4	94.0	21.8	0.5	Dark grayish bluish green	None	10.0	13.3	<1	0.5	< 0.71	< 0.72	
					Deep layer					7.3	93.0	-	None		11.8	<1	0.4	< 0.54	< 0.54	
					Surface layer	2024/10/16	Sunny	18.5	94.6	20.6	0.5	Dark grayish green	None	12.0	12.0	<1	0.4	< 0.75	< 0.64	
					Deep layer					7.6	93.6	-	None		12.3	<1	0.3	< 0.60	< 0.59	
					Surface layer	2024/11/1	Cloudy	11.5	94.5	16.5	0.5	Dark grayish bluish green	None	7.5	12.7	<1	0.4	< 0.59	< 0.77	
					Deep layer					6.9	93.5	-	None		12.1	<1	0.3	< 0.67	< 0.78	
					Surface layer	2024/11/16	Sunny	14.5	94.9	13.6	0.5	Dark grayish bluish green	None	11.0	11.5	<1	0.5	< 0.65	< 0.77	
					Deep layer					6.3	93.9	-	None		11.7	<1	0.2	< 0.64	< 0.62	
					Surface layer	2024/12/2	Cloudy	4.9	94.0	10.3	0.5	Dark grayish bluish green	None	10.0	11.1	<1	0.4	< 0.57	< 0.52	
					Deep layer					8.6	93.0	-	None		11.1	<1	0.6	< 0.82	< 0.76	
					Surface layer	2024/12/25	Cloudy	2.3	94.9	6.5	0.5	Dark grayish bluish green	None	9.0	11.5	<1	0.4	< 0.79	< 0.54	
					Deep layer					6.4	93.9	-	None		11.6	<1	0.4	< 0.65	< 0.85	
					Surface layer	2025/1/8	Light Snow	1.9	95.0	4.5	0.5	Dark grayish bluish green	None	6.5	12.3	<1	0.6	< 0.88	< 0.78	
					Deep layer					5.6	94.0	-	None		11.8	<1	0.5	< 0.63	< 0.85	
					Surface layer	2025/2/3	Sunny	1.8	92.0	4.7	0.5	Dark grayish bluish green	None	7.5	11.9	<1	0.5	< 0.73	< 0.67	
					Deep layer					4.8	91.0	-	None		12.0	<1	0.6	< 0.80	< 0.73	
	186		Takahashi River Estuary	Inawashiro Town	Surface layer	2024/5/14	Sunny	12.1	1.9	9.1	0.0	Dark grayish yellow green	None	>1.9	10.7	2	1.3	< 0.72	< 0.79	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/18	Light Rain	17.5	1.7	18.9	0.0	Dark grayish yellow green	None	>1.7	9.5	<1	0.4	< 0.80	< 0.72	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/16	Cloudy	18.7	1.5	19.6	0.0	Dark grayish yellow green	None	>1.5	13.8	<1	1.4	< 0.55	< 0.50	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/16	Sunny	13.6	1.9	12.5	0.0	Dark grayish yellow green	None	>1.9	13.5	<1	0.8	< 0.84	< 0.68	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/2	Cloudy	5.2	1.7	9.7	0.0	Dark grayish yellow green	None	>1.7	10.8	<1	0.4	< 0.80	< 0.67	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/25	Cloudy	2.4	1.5	5.2	0.0	Dark grayish yellow green	None	>1.5	11.6	<1	0.5	< 0.62	< 0.55	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water

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	Location					Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water											
										General items									Activity concentration(Bq/L)		Remarks
	No.	Location		Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium		
																		Cs-134	Cs-137	
Lakes and Reservoirs	187	Lake Inawashiro	Oguro River Estuary	Inawashiro Town	Surface layer	2024/5/14	Sunny	11.9	1.3	12.0	0.0	Grayish yellow green	None	>1.3	9.9	<1	0.5	< 0.56	< 0.60	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/18	Light Rain	17.5	1.0	19.2	0.0	Grayish yellow green	None	>1.0	9.7	<1	0.6	< 0.71	< 0.82	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/16	Cloudy	18.7	1.0	19.3	0.0	Grayish yellow green	None	>1.0	13.6	<1	0.8	< 0.59	< 0.66	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/16	Sunny	14.1	1.1	12.5	0.0	Grayish yellow green	None	>1.1	13.9	3	1.9	< 0.81	< 0.85	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/2	Cloudy	5.4	1.0	8.3	0.0	Grayish yellow green	None	>1.0	11.1	<1	0.6	< 0.56	< 0.85	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/25	Cloudy	4.1	0.7	4.9	0.0	Grayish yellow green	None	>0.7	11.6	<1	0.6	< 0.67	< 0.57	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	188		Tenjinhama Beach		Surface layer	2024/5/14	Sunny	12.5	1.9	14.6	0.0	Grayish yellow green	None	>1.9	10.6	<1	0.7	< 0.78	< 0.76	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/18	Light Rain	17.6	1.8	18.6	0.0	Grayish yellow green	None	>1.8	9.6	<1	0.4	< 0.53	< 0.60	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/16	Sunny	17.6	1.7	20.0	0.0	Grayish yellow green	None	>1.7	12.7	<1	0.5	< 0.75	< 0.62	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/16	Sunny	14.8	1.9	14.0	0.0	Grayish yellow green	None	>1.9	11.6	<1	0.5	< 0.56	< 0.54	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/2	Cloudy	5.1	1.8	8.1	0.0	Grayish yellow green	None	>1.8	11.2	2	1.8	< 0.80	< 0.64	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/25	Cloudy	4.2	1.6	2.8	0.0	Grayish yellow green	None	>1.6	12.0	3	1.4	< 0.81	< 0.68	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	189		Hishinuma River Estuary		Surface layer	2024/5/14	Sunny	14.1	1.8	12.6	0.0	Grayish yellow green	None	>1.8	9.9	<1	0.4	< 0.77	< 0.57	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/6/18	Light Rain	17.4	1.7	19.3	0.0	Grayish yellow green	None	>1.7	9.6	<1	0.4	< 0.78	< 0.64	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/16	Sunny	19.3	1.7	20.5	0.0	Grayish yellow green	None	>1.7	11.9	<1	0.6	< 0.68	< 0.85	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/16	Sunny	14.6	1.8	14.2	0.0	Grayish yellow green	None	>1.8	11.8	<1	0.4	< 0.57	< 0.61	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/2	Cloudy	5.1	1.7	9.6	0.0	Dark grayish yellow green	None	>1.7	11.0	<1	0.4	< 0.72	< 0.85	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/25	Cloudy	2.6	1.5	6.1	0.0	Dark grayish yellow green	None	>1.5	11.7	<1	0.5	< 0.90	< 0.73	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	190		Intake of Asakasosui		Surface layer	2024/5/14	Sunny	15.2	3.3	12.4	0.5	Dark grayish green	None	>3.3	10.1	<1	0.5	< 0.71	< 0.68	
					Deep layer					12.1	2.3	-	None		10.5	<1	0.5	< 0.80	< 0.77	
					Surface layer	2024/6/18	Light Rain	16.9	3.4	19.5	0.5	Dark grayish green	None	>3.4	9.4	<1	0.3	< 0.70	< 0.88	
					Deep layer					19.3	2.4	-	None		9.4	<1	0.2	< 0.74	< 0.95	
					Surface layer	2024/10/1	Sunny	17.2	3.5	22.3	0.5	Dark grayish green	None	>3.5	11.5	<1	0.4	< 0.67	< 0.66	
					Deep layer					21.9	2.5	-	None		11.4	3	1.8	< 0.75	< 0.69	
					Surface layer	2024/10/16	Sunny	18.2	3.5	20.0	0.5	Dark grayish green	None	>3.5	11.7	<1	0.5	< 0.78	< 0.82	
					Deep layer					20.1	2.5	-	None		11.7	<1	0.5	< 0.63	< 0.60	
					Surface layer	2024/11/1	Sunny	10.7	3.3	16.6	0.5	Dark grayish bluish green	None	>3.3	11.7	<1	0.6	< 0.63	< 0.78	
					Deep layer					16.5	2.3	-	None		11.8	<1	0.5	< 0.65	< 0.73	
					Surface layer	2024/11/16	Sunny	14.0	3.5	13.7	0.5	Dark grayish green	None	>3.5	11.5	<1	0.4	< 0.75	< 0.69	
					Deep layer					13.7	2.5	-	None		11.5	<1	0.4	< 0.63	< 0.39	
					Surface layer	2024/12/2	Cloudy	5.3	3.5	9.4	0.5	Dark grayish green	None	>3.5	10.9	<1	0.5	< 0.58	< 0.75	
					Deep layer					9.9	2.5	-	None		11.1	<1	0.5	< 0.86	< 0.56	
					Surface layer	2024/12/25	Cloudy	2.7	3.3	6.3	0.5	Dark grayish bluish green	None	>3.3	11.6	<1	0.5	< 0.79	< 0.80	
					Deep layer					5.9	2.3	-	None		11.9	<1	0.4	< 0.70	< 0.86	
					Surface layer	2025/1/8	Light Snow	-0.2	3.2	5.2	0.5	Dark grayish green	None	>3.2	12.0	<1	0.7	< 0.88	< 0.77	
					Deep layer					4.9	2.2	-	None		12.0	4	0.9	< 0.82	< 0.69	
					Surface layer	2025/2/3	Sunny	3.1	3.2	5.1	0.5	Dark grayish bluish green	None	>3.2	12.0	<1	0.5	< 0.80	< 0.81	
					Deep layer					5.2	2.2	-	None		12.0	<1	0.5	< 0.77	< 0.88	

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	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water											
									General items									Activity concentration(Bq/L)		Remarks
																		Radioactive cesium		
	No.	Location	Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	191	Lake Inawashiro, Hamajihama Beach	Koriyama City	Surface layer	2024/5/14	Sunny	14.8	5.0	12.5	0.5	Dark grayish green	None	>5.0	9.7	<1	0.4	< 0.64	< 1.0	
				Deep layer					12.3	4.0	-	None		10.3	2	0.5	< 0.81	< 0.78	
				Surface layer	2024/6/18	Light Rain	16.9	5.0	19.4	0.5	Dark grayish green	None	>5.0	9.4	<1	0.2	< 0.67	< 0.96	
				Deep layer					19.4	4.0	-	None		9.5	<1	0.2	< 0.81	< 0.78	
				Surface layer	2024/10/16	Sunny	17.6	4.8	20.3	0.5	Dark grayish green	None	>4.8	11.7	<1	0.5	< 0.44	< 0.56	
				Deep layer					20.4	3.8	-	None		11.7	<1	0.5	< 0.64	< 0.66	
				Surface layer	2024/11/16	Sunny	14.7	4.8	14.0	0.5	Grayish yellowish green	None	>4.8	11.5	<1	0.4	< 0.57	< 0.74	
				Deep layer					13.9	3.8	-	None		11.5	<1	0.4	< 0.75	< 0.64	
				Surface layer	2024/12/2	Cloudy	4.7	5.1	9.4	0.5	Dark grayish green	None	>5.1	10.9	<1	0.4	< 0.90	< 0.73	
				Deep layer					9.9	4.1	-	None		11.0	<1	0.6	< 0.79	< 0.76	
				Surface layer	2024/12/25	Cloudy	2.4	4.8	6.3	0.5	Dark grayish green	None	>4.8	11.7	<1	0.4	< 0.47	< 0.70	
				Deep layer					5.9	3.8	-	None		11.9	<1	0.4	< 0.52	< 0.63	
	192	Lake Inawashiro, Funatsu Port	Koriyama City	Surface layer	2024/5/14	Sunny	14.1	6.0	12.4	0.5	Dark grayish green	None	>6.0	9.7	3	1.7	< 0.67	< 0.61	
				Deep layer					12.3	5.0	-	None		10.0	2	0.8	< 0.63	< 0.73	
				Surface layer	2024/6/18	Light Rain	16.8	5.7	19.7	0.5	Dark grayish green	None	>5.7	9.5	<1	0.3	< 0.57	< 0.85	
				Deep layer					19.5	4.7	-	None		9.5	<1	0.4	< 0.71	< 0.81	
				Surface layer	2024/10/16	Sunny	18.1	5.6	19.9	0.5	Dark grayish bluish green	None	>5.6	11.7	<1	0.7	< 0.78	< 0.72	
				Deep layer					20.0	4.6	-	None		11.7	<1	0.6	< 0.81	< 0.79	
				Surface layer	2024/11/16	Cloudy	15.0	6.0	14.0	0.5	Dark grayish green	None	>6.0	11.5	<1	0.4	< 0.63	< 0.47	
				Deep layer					14.2	5.0	-	None		11.6	<1	0.4	< 0.63	< 0.71	
				Surface layer	2024/12/2	Cloudy	4.1	5.9	9.5	0.5	Dark grayish green	None	>5.9	11.0	<1	0.4	< 0.64	< 0.71	
				Deep layer					10.0	4.9	-	None		11.0	<1	0.5	< 0.69	< 0.73	
				Surface layer	2024/12/25	Cloudy	2.2	5.6	6.1	0.5	Dark grayish green	None	>5.6	11.7	<1	0.5	< 0.79	< 0.64	
				Deep layer					6.4	4.6	-	None		11.8	<1	0.4	< 0.44	< 0.52	
	193	Lake Inawashiro, Offshore of Funatsu River Estuary	Koriyama City	Surface layer	2024/5/14	Sunny	13.4	3.5	12.9	0.5	Dark grayish green	None	>3.5	10.4	6	2.9	< 0.45	< 0.72	
				Deep layer					11.6	2.5	-	None		9.7	2	1.1	< 0.51	< 0.54	
				Surface layer	2024/6/18	Light Rain	16.9	3.2	19.5	0.5	Dark grayish green	None	>3.2	9.6	<1	0.4	< 0.50	< 0.74	
				Deep layer					19.4	2.2	-	None		9.5	<1	0.4	< 0.72	< 0.66	
				Surface layer	2024/10/16	Sunny	18.2	3.2	20.0	0.5	Grayish green	None	>3.2	11.7	<1	0.5	< 0.56	< 0.61	
				Deep layer					20.1	2.2	-	None		11.7	<1	0.5	< 0.76	< 0.66	
				Surface layer	2024/11/16	Cloudy	14.6	3.5	13.8	0.5	Dark grayish green	None	>3.5	11.5	<1	0.4	< 0.74	< 0.62	
				Deep layer					14.1	2.5	-	None		11.6	<1	0.4	< 0.77	< 0.91	
				Surface layer	2024/12/2	Cloudy	4.3	3.4	9.8	0.5	Dark grayish green	None	>3.4	11.0	<1	0.3	< 0.73	< 0.64	
				Deep layer					9.6	2.4	-	None		10.9	<1	0.5	< 0.88	< 0.80	
				Surface layer	2024/12/25	Cloudy	2.3	2.6	6.1	0.5	Grayish green	None	>2.6	11.7	2	0.8	< 0.51	< 0.82	
				Deep layer					5.0	1.6	-	None		11.2	2	1.3	< 0.69	< 0.73	
	194	Lake Inawashiro, Seishogahama Beach	Koriyama City	Surface layer	2024/5/14	Sunny	9.1	6.5	11.2	0.5	Dark grayish bluish green	None	>6.5	9.6	<1	0.4	< 0.67	< 0.79	
				Deep layer					10.8	5.5	-	None		9.5	<1	0.5	< 0.68	< 0.61	
				Surface layer	2024/6/18	Cloudy	17.2	6.3	19.6	0.5	Dark grayish green	None	>6.3	9.5	<1	0.3	< 0.84	< 0.64	
				Deep layer					19.5	5.3	-	None		9.5	3	0.6	< 0.71	< 0.58	
				Surface layer	2024/10/16	Sunny	17.9	6.0	19.9	0.5	Dark grayish bluish green	None	>6.0	11.7	<1	0.6	< 0.75	< 0.81	
				Deep layer					20.1	5.0	-	None		11.7	<1	0.5	< 0.75	< 0.68	
				Surface layer	2024/11/16	Cloudy	15.5	6.4	14.1	0.5	Dark grayish bluish green	None	>6.4	11.5	<1	0.4	< 0.68	< 0.76	
				Deep layer					14.4	5.4	-	None		11.7	<1	0.4	< 0.83	< 0.81	
				Surface layer	2024/12/2	Cloudy	3.6	6.7	9.7	0.5	Dark grayish green	None	>6.7	11.0	<1	0.4	< 0.87	< 0.83	
				Deep layer					10.1	5.7	-	None		11.0	<1	0.6	< 0.60	< 0.61	
				Surface layer	2024/12/25	Cloudy	1.8	6.4	6.3	0.5	Dark grayish bluish green	None	>6.4	11.8	<1	0.4	< 0.81	< 0.69	
				Deep layer					6.5	5.4	-	None		11.7	<1	0.4	< 0.79	< 0.70	

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	Location					Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										
										General items								Activity concentration(Bq/L)		Remarks
																		Radioactive cesium		
	No.	Location		Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	195	Lake Inawashiro	Haragawa River Estuary	Aizuwakamatsu City	Surface layer	2024/5/14	Sunny	10.6	19.8	11.5	0.5	Dark grayish bluish green	None	8.0	9.8	<1	0.4	< 0.70	< 0.73	
					Deep layer					8.3	18.8	-	None		9.2	<1	0.5	< 0.75	< 0.72	
					Surface layer	2024/6/18	Light Rain	17.2	17.0	19.3	0.5	Dark grayish bluish green	None	7.0	9.4	<1	0.3	< 0.81	< 0.82	
					Deep layer					16.5	16.0	-	None		9.4	<1	0.4	< 0.78	< 0.80	
					Surface layer	2024/10/16	Cloudy	19.7	14.0	20.5	0.5	Dark grayish bluish green	None	9.0	11.8	<1	0.6	< 0.78	< 0.72	
					Deep layer					20.3	13.0	-	None		11.7	<1	0.5	< 0.58	< 0.52	
					Surface layer	2024/11/16	Sunny	12.2	17.8	13.2	0.5	Dark grayish bluish green	None	10.0	11.4	<1	0.4	< 0.72	< 0.74	
					Deep layer					13.5	16.8	-	None		11.5	<1	0.5	< 0.95	< 0.81	
					Surface layer	2024/12/2	Cloudy	6.8	18.5	10.3	0.5	Dark grayish bluish green	None	10.0	10.8	<1	0.4	< 0.68	< 0.69	
					Deep layer					10.4	17.5	-	None		10.8	<1	0.6	< 0.74	< 0.62	
					Surface layer	2024/12/25	Cloudy	4.5	18.9	7.1	0.5	Dark grayish bluish green	None	10.0	11.7	<1	0.4	< 0.72	< 0.81	
					Deep layer					6.7	17.9	-	None		11.7	<1	0.4	< 0.68	< 0.66	
	196		Koishigahama Floodgate	Inawashiro Town/ Aizuwakamatsu City	Surface layer	2024/5/14	Sunny	11.2	5.6	12.9	0.5	Dark grayish bluish green	None	>5.6	10.4	<1	0.5	< 0.60	< 0.66	
					Deep layer					11.3	4.6	-	None		9.7	<1	0.5	< 0.82	< 0.72	
					Surface layer	2024/6/18	Light Rain	17.3	5.3	19.2	0.5	Dark grayish green	None	>5.3	9.4	<1	0.2	< 0.84	< 0.72	
					Deep layer					19.1	4.3	-	None		9.5	<1	0.2	< 0.57	< 0.70	
					Surface layer	2024/10/1	Sunny	19.3	4.9	22.3	0.5	Dark grayish green	None	>4.9	11.4	<1	0.6	< 0.92	< 0.53	
					Deep layer					22.1	3.9	-	None		11.4	<1	0.6	< 0.71	< 0.72	
					Surface layer	2024/10/16	Cloudy	18.2	5.3	20.3	0.5	Dark grayish green	None	>5.3	11.9	<1	0.6	< 0.75	< 0.76	
					Deep layer					20.2	4.3	-	None		11.8	<1	0.6	< 0.75	< 0.79	
					Surface layer	2024/11/1	Sunny	12.1	5.3	16.4	0.5	Dark grayish green	None	>5.3	11.7	<1	0.6	< 0.75	< 0.64	
					Deep layer					16.6	4.3	-	None		11.8	<1	0.7	< 0.86	< 0.83	
					Surface layer	2024/11/16	Sunny	13.1	5.4	13.3	0.5	Dark grayish green	None	>5.4	11.5	<1	0.6	< 0.90	< 0.76	
					Deep layer					13.5	4.4	-	None		11.5	<1	0.5	< 0.41	< 0.82	
					Surface layer	2024/12/2	Sunny	7.4	5.3	9.6	0.5	Dark grayish green	None	>5.3	10.7	<1	0.4	< 0.72	< 0.88	
					Deep layer					9.5	4.3	-	None		10.9	3	0.6	< 0.72	< 0.69	
					Surface layer	2024/12/25	Cloudy	3.7	4.9	5.7	0.5	Dark grayish green	None	>4.9	11.5	<1	0.4	< 0.73	< 0.69	
					Deep layer					5.7	3.9	-	None		11.8	<1	0.5	< 0.65	< 0.72	
					Surface layer	2025/1/8	Light Snow	-0.6	5.0	4.8	0.5	Dark grayish green	None	>5.0	11.8	2	0.7	< 0.78	< 0.76	
					Deep layer					4.8	4.0	-	None		11.8	<1	0.7	< 0.76	< 0.88	
					Surface layer	2025/2/3	Sunny	2.1	5.2	4.2	0.5	Dark grayish green	None	>5.2	11.9	<1	0.5	< 0.78	< 0.89	
					Deep layer					4.1	4.2	-	None		11.9	<1	0.8	< 0.75	< 0.81	
	197	Higashiyama Dam Reservoir		Aizuwakamatsu City	Surface layer	2024/5/16	Cloudy	18.0	18.0	17.8	0.5	Dark grayish yellow green	None	2.0	4.5	<1	1.2	< 0.63	< 0.75	
					Deep layer					17.6	17.0	-	None		3.9	<1	1.0	< 0.95	< 0.82	
					Surface layer	2024/6/14	Sunny	20.0	14.5	24.1	0.5	Dark grayish yellow green	None	4.0	4.6	<1	1.0	< 0.73	< 0.75	
					Deep layer					19.0	13.5	-	None		4.3	<1	0.8	< 0.72	< 0.64	
					Surface layer	2024/8/15	Cloudy	27.7	16.5	27.7	0.5	Dark grayish yellow green	None	3.0	4.7	<1	0.8	< 0.59	< 0.70	
					Deep layer					8.4	15.5	-	None		4.1	<1	0.6	< 0.91	< 0.83	
					Surface layer	2024/10/15	Sunny	17.2	14.5	19.4	0.5	Dark grayish yellow green	None	1.5	4.8	3	1.9	< 0.79	< 0.68	
					Deep layer					18.6	13.5	-	None		4.8	2	2.1	< 0.90	< 0.72	
					Surface layer	2024/11/18	Cloudy	6.2	14.9	11.2	0.5	Dark grayish yellow green	None	2.0	5.2	2	1.1	< 0.75	< 0.66	
					Deep layer					9.6	13.9	-	None		4.5	2	1.1	< 0.76	< 0.81	
					Surface layer	2024/12/10	Sunny	5.2	14.0	6.8	0.5	Dark grayish yellow green	None	3.0	4.8	2	1.8	< 0.89	< 0.73	
					Deep layer					6.7	13.0	-	None		4.7	2	1.9	< 0.68	< 0.72	
	198	Lake Numazawa	Center	Kaneyama Town	Surface layer	2024/5/23	Sunny	19.4	95.0	17.9	0.5	Dark grayish green	None	11.0	4.6	<1	0.4	< 0.69	< 0.86	
					Deep layer					8.5	94.0	-	None		4.8	<1	0.4	< 0.57	< 0.77	
					Surface layer	2024/6/21	Cloudy	20.6	93.6	23.1	0.5	Dark grayish yellow green	None	9.0	5.0	<1	0.3	< 0.58	< 0.52	
					Deep layer					12.8	92.6	-	None		4.8	<1	0.3	< 0.68	< 0.76	
					Surface layer	2024/8/29	Cloudy	26.3	98.0	27.5	0.5	Dark grayish yellow green	None	7.0	4.8	<1	0.5	< 0.70	< 0.83	
					Deep layer					6.9	97.0	-	None		4.9	<1	0.3	< 0.87	< 0.85	
					Surface layer	2024/10/21	Sunny	11.2	96.5	19.5	0.5	Dark grayish yellow green	None	2.5	5.1	2	2.6	< 0.74	< 0.61	
					Deep layer					8.4	95.5	-	None		5.2	<1	0.3	< 0.80	< 0.88	
					Surface layer	2024/11/13	Cloudy	12.5	94.1	15.6	0.5	Dark grayish yellow green	None	5.0	5.3	2	1.6	< 0.75	< 0.82	
					Deep layer					6.5	93.1	-	None		5.0	<1	0.8	< 0.65	< 0.73	
					Surface layer	2024/12/9	Light Snow	2.2	94.6	11.1	0.5	Dark grayish green	None	8.5	5.1	<1	1.0	< 0.58	< 0.69	
					Deep layer					5.2	93.6	-	None		4.6	<1	0.5	< 0.76	< 0.72	

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	No.	Location		Municipality	Surface layer/ Deep layer	Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water: General items: Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Activity concentration(Bq/L): Radioactive cesium: Cs-134	Cs-137	Remarks
Lakes and Reservoirs	199	Lake Numazawa	Midpoint between the center of the lake and off the estuary (at the depth of 30 m)	Kaneyama Town	Surface layer	2024/5/23	Sunny	19.6	35.0	19.0	0.5	Dark grayish green	None	5.5	4.8	<1	0.4	< 0.67	< 0.69	
					Deep layer					11.5	34.0	-	None		4.6	<1	0.7	< 0.75	< 0.64	
					Surface layer	2024/6/21	Sunny	20.3	35.8	22.6	0.5	Dark grayish yellow green	None	9.0	4.5	<1	0.2	< 0.66	< 0.78	
					Deep layer					13.7	34.8	-	None		4.2	<1	0.7	< 0.71	< 0.81	
					Surface layer	2024/8/29	Cloudy	26.4	29.8	27.6	0.5	Dark grayish yellow green	None	7.0	4.7	<1	0.8	< 0.78	< 0.76	
					Deep layer					18.4	28.8	-	None		5.2	<1	0.9	< 0.65	< 0.77	
					Surface layer	2024/10/21	Sunny	14.2	29.8	20.1	0.5	Grayish yellow green	None	2.5	5.2	2	2.2	< 0.75	< 0.64	
					Deep layer					17.0	28.8	-	None		5.6	<1	0.8	< 0.68	< 0.72	
					Surface layer	2024/11/13	Cloudy	14.9	29.5	14.8	0.5	Dark grayish yellow green	None	5.0	5.1	2	2.0	< 0.66	< 0.44	
					Deep layer					13.1	28.5	-	None		5.4	<1	1.1	< 0.81	< 0.80	
					Surface layer	2024/12/9	Light Snow	2.2	35.5	9.7	0.5	Dark grayish green	None	8.0	5.0	<1	0.9	< 0.61	< 0.75	
					Deep layer					10.4	34.5	-	None		4.9	<1	1.0	< 0.75	< 0.88	
	200		Offshore of Maenosawa River Estuary		Surface layer	2024/5/23	Sunny	20.4	27.2	20.1	0.5	Dark grayish green	None	5.5	4.4	<1	0.4	< 0.54	< 0.56	
					Deep layer					12.4	26.2	-	None		4.5	<1	0.7	< 0.68	< 0.79	
					Surface layer	2024/6/21	Cloudy	20.3	26.9	22.7	0.5	Dark grayish yellow green	None	9.0	4.6	<1	0.2	< 0.82	< 0.69	
					Deep layer					14.3	25.9	-	None		4.4	<1	0.6	< 0.71	< 0.85	
					Surface layer	2024/8/29	Cloudy	26.7	30.8	27.9	0.5	Dark grayish yellow green	None	7.0	4.7	<1	0.8	< 0.93	< 0.78	
					Deep layer					17.8	29.8	-	None		5.3	<1	0.9	< 0.81	< 0.53	
					Surface layer	2024/10/21	Sunny	16.1	25.4	20.1	0.5	Dark grayish yellow green	None	2.5	5.3	2	2.4	< 0.53	< 0.52	
					Deep layer					18.0	24.4	-	None		5.6	<1	1.0	< 0.62	< 0.66	
					Surface layer	2024/11/13	Cloudy	14.1	34.3	15.3	0.5	Dark grayish yellow green	None	5.0	5.2	2	1.6	< 0.71	< 0.75	
					Deep layer					13.2	33.3	-	None		5.4	2	1.3	< 0.57	< 0.77	
					Surface layer	2024/12/9	Light Snow	2.2	37.1	9.7	0.5	Dark grayish green	None	8.0	5.1	<1	0.9	< 0.69	< 0.73	
					Deep layer					10.6	36.1	-	None		4.9	<1	0.9	< 0.82	< 0.76	
	201	Aizu (farm pond)	Terairi	Aizumisato Town	Surface layer	2024/5/16	Sunny	24.0	3.3	20.8	0.5	Grayish greenish yellow	None	2.0	4.2	2	2.8	< 0.58	< 0.49	
					Deep layer					20.7	2.3	-	None		4.3	2	2.7	< 0.90	< 0.94	
					Surface layer	2024/6/14	Sunny	29.8	5.5	28.6	0.5	Grayish greenish yellow	None	2.0	5.0	2	1.9	< 0.59	< 0.75	
					Deep layer					24.5	4.5	-	None		4.9	3	2.0	< 0.60	< 0.77	
					Surface layer	2024/8/15	Sunny	28.6	1.7	30.0	0.0	Grayish yellow	None	0.8	4.4	2	1.4	< 0.71	< 0.64	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/10/15	Sunny	22.7	1.0	19.0	0.0	Grayish greenish yellow	None	0.7	4.5	<1	1.9	< 0.79	< 0.85	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/11/18	Cloudy	8.3	0.8	11.8	0.0	Grayish greenish yellow	None	0.6	5.0	2	2.1	< 0.55	< 0.76	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
					Surface layer	2024/12/10	Sunny	7.3	0.8	6.2	0.0	Grayish greenish yellow	None	0.6	5.7	3	2.9	< 0.67	< 0.81	
					Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	202	Okawa Dam Reservoir		Aizuwakamatsu City	Surface layer	2024/5/17	Sunny	19.0	21.8	16.3	0.5	Dark grayish yellow green	None	4.0	6.1	<1	0.8	< 0.65	< 0.87	
					Deep layer					14.1	20.8	-	None		5.2	<1	0.6	< 0.75	< 0.92	
					Surface layer	2024/6/27	Sunny	25.9	9.9	20.5	0.5	Grayish yellow green	None	3.5	7.8	<1	1.0	< 0.72	< 0.76	
					Deep layer					19.1	8.9	-	None		7.4	2	1.1	< 0.56	< 0.54	
					Surface layer	2024/8/15	Sunny	28.8	8.0	26.4	0.5	Grayish yellow green	None	2.5	6.8	3	1.2	< 0.59	< 0.61	
					Deep layer					22.9	7.0	-	None		6.9	3	1.7	< 0.87	< 0.76	
					Surface layer	2024/10/15	Sunny	24.1	23.7	19.5	0.5	Dark grayish yellow green	None	1.5	7.0	<1	1.5	< 0.88	< 0.59	
					Deep layer					16.5	22.7	-	None		7.1	2	1.7	< 0.85	< 0.72	
					Surface layer	2024/11/18	Cloudy	5.9	17.2	12.3	0.5	Dark grayish yellow green	None	3.0	6.9	4	1.2	< 0.57	< 0.42	
					Deep layer					11.2	16.2	-	None		7.0	5	1.8	< 0.76	< 0.82	
					Surface layer	2024/12/10	Sunny	7.1	12.9	8.8	0.5	Dark grayish yellow green	None	3.0	7.5	2	1.1	< 0.65	< 0.61	
					Deep layer					8.1	11.9	-	None		7.3	2	1.3	< 0.73	< 0.75	

Fukushima Lakes(Water_Aizu) 8/9

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water											
									General items								Activity concentration(Bq/L)		Remarks
																	Radioactive cesium		
	No.	Location	Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	203	Tagokura Reservoir	Tadami Town	Surface layer	2024/5/9	Cloudy	9.0	95.0	14.2	0.5	Grayish yellow green	None	4.0	2.8	<1	1.1	< 0.62	< 0.81	
				Deep layer					5.7	94.0	-	None		3.1	<1	1.5	< 0.65	< 0.66	
				Surface layer	2024/6/27	Sunny	26.5	98.0	21.7	0.5	Dark grayish green	None	8.0	2.9	<1	0.4	< 0.88	< 0.64	
				Deep layer					7.4	97.0	-	None		4.0	<1	0.9	< 0.64	< 0.87	
				Surface layer	2024/8/28	Cloudy	31.6	88.3	29.2	0.5	Grayish yellow green	None	3.0	3.0	<1	0.7	< 0.87	< 0.79	
				Deep layer					11.2	87.3	-	None		3.4	<1	0.5	< 0.70	< 0.74	
				Surface layer	2024/10/25	Sunny	21.3	96.3	19.3	0.5	Grayish yellow green	None	4.5	3.4	2	1.0	< 0.90	< 0.68	
				Deep layer					14.1	95.3	-	None		3.7	<1	0.8	< 0.85	< 0.64	
				Surface layer	2024/11/13	Sunny	12.8	95.2	15.2	0.5	Grayish yellow green	None	8.0	3.4	<1	0.5	< 0.75	< 0.81	
				Deep layer					8.3	94.2	-	None		3.8	2	1.3	< 0.82	< 0.64	
				Surface layer	2024/12/9	Light Snow	1.2	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
				Deep layer					-	-	-	-		-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
	204	Minamiaizu(farm pond) Fukui		Surface layer	2024/5/9	Cloudy	7.0	0.9	17.9	0.0	Dark grayish reddish yellow	None	0.7	1.9	6	5.4	< 0.87	< 0.82	
				Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
				Surface layer	2024/6/27	Sunny	29.5	0.9	25.4	0.0	Light grayish yellow	None	0.4	1.5	6	5.4	< 0.85	< 0.73	
				Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
				Surface layer	2024/8/28	Sunny	30.9	0.9	29.5	0.0	Dark grayish reddish yellow	None	0.4	2.1	6	3.4	< 0.53	< 0.78	
				Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
				Surface layer	2024/10/25	Sunny	20.1	0.5	19.8	0.0	Dark grayish reddish yellow	None	0.4	2.4	7	4.6	< 0.51	< 0.60	
				Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
				Surface layer	2024/11/13	Sunny	12.9	0.8	15.1	0.0	Dark grayish greenish yellow	None	0.4	2.4	2	2.0	< 0.66	< 0.56	
				Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
				Surface layer	2024/12/9	Light Rain	2.1	0.5	3.9	0.0	Dark grayish reddish yellow	None	0.4	2.4	2	2.1	< 0.82	< 0.76	
				Deep layer					-	-	-	-		-	-	-	-	-	Collect samples from the upper layer due to shallow water
	205	Tajima Dam Reservoir (Lake Funehana)	Minamiaizu Town	Surface layer	2024/5/8	Cloudy	14.0	11.5	16.5	0.5	Dark grayish yellow green	None	4.0	2.5	<1	1.5	< 0.60	< 0.50	
				Deep layer					12.8	10.5	-	None		2.2	2	1.7	< 0.85	< 0.76	
				Surface layer	2024/6/19	Sunny	24.9	9.6	22.9	0.5	Dark grayish yellow green	None	3.0	3.0	<1	0.5	< 0.87	< 0.69	
				Deep layer					12.9	8.6	-	None		2.5	4	2.6	< 0.90	< 0.76	
				Surface layer	2024/8/15	Sunny	31.8	11.9	28.2	0.5	Dark grayish yellow green	None	3.5	3.1	<1	0.8	< 0.65	< 0.77	
				Deep layer					11.5	10.9	-	None		4.2	5	3.9	< 0.84	< 0.81	
				Surface layer	2024/10/25	Cloudy	17.3	11.0	16.4	0.5	Dark grayish yellow green	None	3.0	4.0	<1	0.9	< 0.60	< 0.70	
				Deep layer					15.0	10.0	-	None		4.0	<1	1.2	< 0.57	< 0.66	
				Surface layer	2024/11/14	Sunny	12.3	11.7	11.1	0.5	Dark grayish yellow green	None	3.0	3.7	<1	1.4	< 0.66	< 0.85	
				Deep layer					10.6	10.7	-	None		4.1	3	4.0	< 0.87	< 0.68	
				Surface layer	2024/12/10	Cloudy	1.3	12.2	5.4	0.5	Dark grayish yellow green	None	2.5	3.6	2	1.7	< 0.58	< 0.61	
				Deep layer					5.3	11.2	-	None		3.5	3	2.0	< 0.60	< 0.68	
	206	Okutadami Reservoir	Hinoemata Village	Surface layer	2024/6/14	Sunny	26.0	18.9	20.3	0.5	Dark grayish yellow green	None	5.0	2.5	<1	0.3	< 0.82	< 0.59	
				Deep layer					15.3	17.9	-	None		2.3	<1	0.6	< 0.84	< 0.72	
				Surface layer	2024/7/19	Sunny	30.2	22.2	25.1	0.5	Dark grayish yellow green	None	5.0	3.3	<1	0.6	< 0.90	< 0.82	
				Deep layer					18.8	21.2	-	None		3.3	2	0.6	< 0.63	< 0.69	
				Surface layer	2024/8/6	Light Rain	27.2	18.5	27.1	0.5	Dark grayish yellow green	None	5.0	3.2	<1	0.2	< 0.72	< 0.81	
				Deep layer					20.3	17.5	-	None		3.1	<1	0.6	< 0.82	< 0.88	
				Surface layer	2024/9/24	Sunny	22.5	14.4	24.1	0.5	Dark grayish yellow green	None	5.0	3.5	<1	0.6	< 0.51	< 0.58	
				Deep layer					23.1	13.4	-	None		3.5	5	0.8	< 0.88	< 0.72	
				Surface layer	2024/10/10	Cloudy	19.2	16.6	21.2	0.5	Dark grayish yellow green	None	3.5	3.5	<1	0.6	< 0.73	< 0.57	
				Deep layer					19.5	15.6	-	None		3.5	<1	0.8	< 0.80	< 0.81	
				Surface layer	2024/11/8	Sunny	8.6	19.1	15.9	0.5	Dark grayish yellow green	None	6.0	3.7	<1	0.7	< 0.89	< 0.73	
				Deep layer					15.8	18.1	-	None		3.6	<1	0.7	< 0.79	< 0.73	

Fukushima Lakes(Water_Aizu) 9/9

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water										
									General items								Activity concentration(Bq/L)		Remarks
																	Radioactive cesium		
	No.	Location	Municipality	Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Lakes and Reservoirs	207	Lake Ozenuma	Hinoemata Village	Surface layer	2024/6/14	Sunny	21.7	7.8	19.2	0.5	dark grayish greenish yellow	None	4.5	3.4	<1	0.2	< 0.56	< 0.56	
				Deep layer					17.3	6.8	-	None		3.4	<1	0.3	< 0.87	< 0.64	
				Surface layer	2024/7/19	Cloudy	18.3	8.3	21.1	0.5	dark grayish greenish yellow	None	3.0	3.2	<1	1.0	< 0.75	< 0.75	
				Deep layer					20.2	7.3	-	None		3.2	2	1.2	< 0.87	< 0.59	
				Surface layer	2024/8/9	Sunny	27.7	7.7	23.9	0.5	dark grayish greenish yellow	None	3.5	3.3	<1	0.6	< 0.95	< 0.53	
				Deep layer					22.4	6.7	-	None		3.2	<1	0.8	< 0.52	< 0.58	
				Surface layer	2024/9/13	Sunny	21.3	7.8	22.8	0.5	dark grayish greenish yellow	None	2.5	3.6	<1	1.2	< 0.81	< 0.58	
				Deep layer					21.5	6.8	-	None		3.5	<1	1.3	< 0.71	< 0.77	
				Surface layer	2024/10/11	Cloudy	12.1	7.9	17.1	0.5	dark grayish yellow green	None	1.5	3.9	3	3.1	< 0.77	< 0.77	
				Deep layer					16.6	6.9	-	None		3.8	3	3.1	< 0.68	< 0.70	

* Reasons for difficulty in entering the study area include winter closures, winter road closures, typhoons and other disasters, construction, etc.

Fukushima Lakes(Sediment_Aizu) 1/4

	Location			Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																				Remarks
									General items																	Activity concentration [Bq/kg(dry)]			
												Grain size distribution(%)								Sediment content (%)	Density (Mg/m^3)	Property	Radioactive cesium			
	No.	Location	Municipality					Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Lakes and Reservoirs	177	Nicchu Dam	Kitakata City	2024/5/13	Light Rain	15.0	67.0	7.8	4	Dark olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.0	0.2	33.0	66.7	33.8	2.72	silt	< 8.8	200 ± 9.5	200	
				2024/6/11	Sunny	21.5	51.6	8.6	3	Dark olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.1	0.3	27.9	71.6	39.6	2.73	silt	< 8.4	87 ± 5.1	87	
				2024/8/9	Sunny	32.6	45.5	9.8	3	Dark olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.1	0.4	60.6	38.8	37.4	2.64	silt	< 7.5	120 ± 5.7	120	
				2024/10/9	Cloudy	14.2	54.1	9.3	3	Dark olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.0	0.1	56.5	43.3	32.3	2.48	silt	< 8.5	190 ± 7.5	190	
				2024/11/12	Sunny	12.8	50.2	6.2	3	Dark olive	None	0.0	0.0	0.0	0.1	0.0	0.0	40.5	59.4	36.5	2.74	silt	< 8.8	100 ± 5.9	100	
				2024/12/11	Light Rain	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
	178	Lake Sohara	Kitashiobara Village	2024/5/15	Sunny	19.0	6.4	7.0	4	Olive black	Faint hydrogen sulfide	0.0	0.7	2.7	5.7	10.9	11.7	38.8	29.5	27.5	2.62	silt	33 ± 7.0	1,500 ± 30	1,533	
				2024/6/20	Sunny	16.6	7.1	13.5	3	Olive black	Faint hydrogen sulfide	0.0	0.0	4.8	5.2	8.8	7.6	25.9	47.7	27.9	2.59	silt	22 ± 3.8	1,400 ± 27	1,422	
				2024/8/8	Sunny	27.2	6.5	15.4	3	Olive black	Faint hydrogen sulfide	0.0	0.0	4.4	6.8	13.1	12.3	25.8	37.6	29.5	2.64	silt	23 ± 4.6	1,200 ± 21	1,223	
				2024/10/9	Cloudy	12.4	6.7	17.1	3	Olive black	Faint hydrogen sulfide	0.0	0.0	1.1	3.4	5.0	6.8	43.2	40.5	25.5	2.54	silt	24 ± 3.8	1,300 ± 23	1,324	
				2024/11/11	Sunny	15.1	6.4	11.7	3	Olive black	Faint hydrogen sulfide	0.0	0.0	5.0	9.3	15.4	18.0	23.6	28.7	35.4	2.65	silt	17 ± 3.5	850 ± 21	867	
				2024/12/9	Cloudy	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
	179	Lake Hibara		2024/5/15	Sunny	10.0	23.6	7.4	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.1	0.5	47.3	52.0	19.1	2.48	silt	53 ± 11	3,800 ± 90	3,853	
				2024/6/20	Sunny	15.2	23.2	8.8	4	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.2	0.5	37.8	61.4	19.0	2.49	silt	58 ± 9.2	3,100 ± 50	3,158	
				2024/7/17	Cloudy	22.1	23.1	9.9	4	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.8	1.0	1.5	47.1	49.6	22.6	2.54	silt	28 ± 6.4	2,000 ± 35	2,028	
				2024/8/8	Sunny	24.2	23.8	12.6	3	Olive black	Faint sewage	0.0	0.0	0.0	0.0	0.1	0.3	44.8	54.8	19.5	2.53	silt	65 ± 12	4,200 ± 83	4,265	
				2024/9/19	Light Rain	20.2	20.5	10.8	4	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.2	0.4	3.4	39.4	56.6	21.9	2.54	silt	50 ± 12	2,700 ± 68	2,750	
				2024/10/8	Cloudy	14.3	21.1	14.1	4	Olive black	Faint hydrogen sulfide	0.0	0.1	2.2	4.7	6.1	4.3	33.6	49.0	24.5	2.53	silt	19 ± 4.0	1,200 ± 24	1,219	
				2024/11/11	Sunny	11.4	21.8	9.7	3	Olive black	Faint hydrogen sulfide	0.0	0.0	3.8	4.2	7.7	5.4	26.4	52.5	27.6	2.57	silt	13 ± 3.4	970 ± 25	983	
				2024/12/9	Cloudy	2.3	20.7	6.2	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.2	0.1	0.2	0.6	54.2	44.7	21.2	2.53	silt	22 ± 4.3	1,400 ± 31	1,422	
				2025/1/8	Light Snow	-3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
				2025/2/3	Sunny	-3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
	180	Lake Onogawa		2024/5/15	Sunny	21.0	13.0	6.7	4	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.1	0.2	62.1	37.5	20.1	2.37	silt	58 ± 13	3,200 ± 87	3,258	
				2024/6/20	Sunny	25.8	13.7	12.5	4	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.0	0.1	39.7	60.1	20.8	2.40	silt	30 ± 5.4	1,800 ± 35	1,830	
				2024/7/17	Cloudy	22.9	12.8	9.9	4	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	0.0	54.3	45.6	19.5	2.40	silt	37 ± 9.7	2,300 ± 47	2,337	
				2024/8/8	Sunny	26.7	14.1	11.9	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.1	0.3	42.3	57.2	22.3	2.41	silt	38 ± 8.5	1,400 ± 46	1,438	
				2024/9/19	Cloudy	22.1	13.5	11.7	4	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.0	0.4	34.9	64.6	19.6	2.38	silt	32 ± 7.5	2,400 ± 47	2,432	
				2024/10/9	Cloudy	13.1	13.4	13.8	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.4	0.4	53.5	45.6	22.2	2.32	silt	35 ± 6.8	2,400 ± 35	2,435	
				2024/11/12	Cloudy	14.4	13.1	10.6	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.1	0.1	44.1	55.6	19.1	2.37	silt	64 ± 16	2,500 ± 78	2,564	
				2024/12/9	Cloudy	1.4	4.0	4.1	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.0	0.1	0.4	69.7	29.8	28.7	2.48	silt	< 9.7	540 ± 12	540	
				2025/1/8	Light Snow	-2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
				2025/2/3	Cloudy	-2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
	181	Lake Akimoto	Inawashiro Town	2024/5/15	Sunny	17.0	31.2	6.6	4	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.0	0.1	45.4	54.4	27.5	2.55	silt	32 ± 4.1	2,100 ± 29	2,132	
				2024/6/20	Sunny	30.6	29.0	11.1	4	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.0	0.1	34.6	65.2	30.9	2.55	silt	28 ± 5.7	1,400 ± 36	1,428	
				2024/7/17	Cloudy	22.3	30.0	8.8	4	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.0	0.1	57.1	42.7	29.8	2.58	silt	33 ± 6.8	2,200 ± 36	2,233	
				2024/8/8	Sunny	27.1	32.9	10.2	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.0	0.2	49.0	50.7	27.2	2.58	silt	43 ± 7.6	3,100 ± 52	3,143	
				2024/9/19	Light Rain	20.2	28.2	12.3	4	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	0.2	47.8	51.9	28.6	2.57	silt	25 ± 5.4	1,800 ± 38	1,825	
				2024/10/8	Cloudy	13.6	28.9	11.9	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	0.3	41.4	58.2	25.1	2.51	silt	40 ± 7.4	1,800 ± 43	1,840	
				2024/11/11	Sunny	14.5	27.8	8.2	3	Olive black	None	0.0	0.0	0.0	0.1	0.0	0.0	46.5	53.4	27.5	2.56	silt	30 ± 10	1,700 ± 54	1,730	
				2024/12/9	Cloudy	1.6	29.4	6.1	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.1	0.2	53.2	46.4	31.3	2.64	silt	20 ± 4.5	850 ± 29	870	
				2025/1/8	Light Snow	-2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
				2025/2/3	Cloudy	-2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought, drainage, freezing, etc.
	182	Lake Bishamonnuma	Kitashiobara Village	2024/5/15	Sunny	20.0	7.5	12.6	4	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.3	0.6	28.0	71.0	5.4	2.38	silt	37 ± 11	2,100 ± 40	2,137	
				2024/6/11	Sunny	24.8	6.5	15.2	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.2	0.6	31.5	67.6	9.5	2.46	silt	29 ± 8.1	2,100 ± 34	2,129	
				2024/8/9	Sunny	32.8	7.1	20.6	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.4	0.4	40.6	58.5	10.4	2.33	silt	30 ± 7.3	1,500 ± 32	1,530	
				2024/10/8	Light Rain	13.4	7.6	15.8	3	Olive brown	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.3	1.6	48.3	49.7	6.6	2.48	silt	19 ± 5.3	1,100 ± 19	1,119	
				2024/11/9	Sunny	10.1	7.7	12.5	3	Dark olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.3	0.5	0.8	19.5	78.9	9.4	2.44	silt	19 ± 4.6	730 ± 17	749	
				2024/12/9	Cloudy	2.4	0.9	4.9	3	Brownish black	Faint hydrogen sulfide	0.0	2.5	35.1	26.3	23.7	7.0	3.3	2.1	68.9	2.74	sand/gravel	< 2.6	40 ± 1.8	40	
	183	Lake Oguninuma		2024/7/26	Cloudy	21.7	4.7	17.1	4	Brownish black	None	0.0	0.0	0.0	0.1	0.4	0.6	31.9	67.0	12.7	2.07	silt	37 ± 11	2,700 ± 58	2,737	
				2024/8/30	Cloudy	23.6	4.9	19.6	4	Brownish black	None	0.0	0.0	0.0	0.1	0.1	0.5	22.1	77.2	11.7	2.05	silt	43 ± 10	3,100 ± 56	3,143	
				2024/9/25	Cloudy	22.3	3.9	17.4	3	Brownish black	Faint sewage	0.0	0.0	4.0	9.5	30.9	14.4	18.4	22.8	37.6	2.53	silt	< 9.8	630 ± 15	630	
				2024/10/18	Cloudy	16.5	3.5	15.5	3	Brownish black	Faint sewage	0.0	0.0	0.0	0.4	2.7	3.8	21.0	72.1	13.5	2.03	silt	45 ± 12	2,600 ± 63	2,645	
				2024/11/12	Sunny	13.6	4.2	10.2	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.1	0.1	13.7	86.0	10.7	1.33	silt	99 ± 30	4,300 ± 150	4,399	
				2024/12/26	Light Snow	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
	184	Aizu (farm pond)	Lake Onuma Nishiaizu Town	2024/5/10	Sunny	16.0	0.5	18.4	4	Dark grayish yellow	None	0.0	0.0	0.0	0.1	0.2	1.7	51.7	46.3	32.2	2.41	silt/sand	< 8.8	150 ± 7.5	150	
				2024/6/21	Cloudy	22.5	0.3	24.1	4	Dark grayish yellow	Faint swamp	0.0	0.0	0.1	0.4	1.1	5.7	41.9	50.8	33.0	2.41	silt/sand	< 7.4	65 ± 4.2	65	
				2024/8/29	Cloudy	27.9	1.1	28.1	3	Dark grayish yellow	Faint swamp	0.0	0.0	0.9	4.3	26.4	8.5	22.3	37.6	46.0	2.51	silt/sand	< 6.0	79 ± 4.4	79	
				2024/10/21	Sunny	20.7	0.2	16.6	3	Olive brown	None	0.0	0.0	0.1	0.2	1.3	10.1	45.5	42.8	33.5	2.41	silt	< 4.4	70 ± 3.0	70	
				2024/11/12	Sunny	19.5	0.4	12.2	4	Dark grayish yellow	None	0.0	0.1	2.6	5.9	20.3	8.1	20.8	42.2	38.8	2.47	silt/sand	< 9.5	140 ± 8.6	140	
				2024/12/11	Light Rain	3.7	10.4	7.6	3	Brownish black	None	0.0	0.0	0.0	0.1	0.3	6.3	49.9	43.4	28.7	2.46	silt	< 8.3	76 ± 5.3	76	

Fukushima Lakes(Sediment_Aizu) 2/4

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																				Remarks
										General items																	Activity concentration [Bq/kg(dry)]			
													Grain size distribution(%)												Radioactive cesium			
	No.	Location		Municipality					Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay	Sediment content (%)	Density (Mg/m^3)	Property	Cs-134	Cs-137	Total	
Lakes and Reservoirs	185	Lake Inawashiro	Center	Aizuwakamatsu City	2024/5/14	Sunny	8.7	95.4	5.5	3	Black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.2	10.4	54.9	34.4	24.6	2.53	silt	< 9.5	230 ± 8.1	230	
					2024/6/18	Light Rain	17.1	94.8	7.7	3	Black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.2	8.3	39.6	51.8	28.0	2.53	silt	< 8.9	310 ± 9.2	310	
					2024/10/1	Sunny	16.4	94.0	8.8	3	Black	None	0.0	0.0	0.0	0.1	0.0	7.1	44.8	48.0	27.6	2.56	silt	< 8.5	71 ± 4.8	71	
					2024/10/16	Sunny	18.5	94.6	6.0	3	Black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.1	11.0	41.0	47.8	22.1	2.57	silt	< 9.8	320 ± 10	320	
					2024/11/1	Cloudy	11.5	94.5	7.5	3	Black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.4	9.9	43.0	46.6	22.7	2.55	silt	< 9.0	370 ± 11	370	
					2024/11/16	Sunny	14.5	94.9	6.9	3	Black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.2	9.5	43.5	46.8	25.6	2.55	silt	< 9.6	280 ± 10	280	
					2024/12/2	Cloudy	4.9	94.0	7.3	3	Black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.2	10.0	45.2	44.5	26.4	2.56	silt	< 9.4	200 ± 8.4	200	
					2024/12/25	Cloudy	2.3	94.9	4.8	3	Black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.3	9.5	56.7	33.4	24.6	2.57	silt	< 8.0	390 ± 8.9	390	
					2025/1/8	Light Snow	1.9	95.0	4.5	3	Black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.3	4.9	51.1	43.7	32.6	2.53	silt	< 6.1	170 ± 5.9	170	
					2025/2/3	Sunny	1.8	92.0	4.2	3	Black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.0	1.1	47.5	51.3	16.9	2.53	silt	18 ± 4.1	1,700 ± 32	1,718	
	186		Takahashi River Estuary	Inawashiro Town	2024/5/14	Sunny	12.1	1.9	9.0	4	Brownish black	Faint sewage	0.0	0.0	6.9	21.3	26.5	30.2	8.1	7.0	62.1	2.64	sand/gravel	< 7.0	52 ± 5.5	52	
					2024/6/18	Light Rain	17.5	1.7	17.6	3	Dull yellow brown	Faint phytoplankton	0.0	0.0	5.2	47.9	35.8	5.2	3.0	2.9	71.1	2.65	sand/gravel	< 6.8	33 ± 3.2	33	
					2024/10/16	Cloudy	18.7	1.5	17.7	3	Brownish black	None	0.0	0.1	5.4	50.3	29.6	5.9	4.2	4.5	62.1	2.65	sand/gravel	< 9.4	35 ± 4.3	35	
					2024/11/16	Sunny	13.6	1.9	12.5	3	Dark brown	Faint phytoplankton	0.0	0.0	7.2	24.4	29.5	25.8	4.3	8.8	64.8	2.66	sand/silt	< 8.5	36 ± 4.7	36	
					2024/12/2	Cloudy	5.2	1.7	8.9	3	Dark brown	None	0.0	0.2	9.1	31.1	30.7	16.6	5.4	6.9	64.7	2.68	sand/gravel	< 6.0	24 ± 3.5	24	
					2024/12/25	Cloudy	2.4	1.5	4.8	3	Brownish black	Faint sewage	0.0	0.1	8.0	27.8	27.6	17.8	8.3	10.4	52.3	2.61	sand/silt	< 5.3	41 ± 3.6	41	
	187		Oguro River Estuary		2024/5/14	Sunny	11.9	1.3	12.4	4	Dark brown	Faint fish	0.0	0.0	15.1	13.8	60.1	10.7	0.1	0.2	75.2	2.79	sand/gravel	< 5.2	36 ± 2.8	36	
					2024/6/18	Light Rain	17.5	1.0	19.1	3	Dark brown	Faint phytoplankton	0.0	0.3	14.2	19.8	53.0	12.0	0.3	0.4	76.8	2.78	sand/gravel	< 8.1	38 ± 4.1	38	
					2024/10/16	Cloudy	18.7	1.0	19.1	3	Dark brown	Faint phytoplankton	0.0	0.2	10.8	18.8	59.4	9.6	0.5	0.7	73.9	2.82	sand/gravel	< 9.1	26 ± 4.1	26	
					2024/11/16	Sunny	14.1	1.1	12.9	3	Dark brown	Faint phytoplankton	0.0	0.1	14.1	15.8	61.8	7.7	0.4	0.1	77.1	2.77	sand/gravel	< 7.2	27 ± 3.9	27	
					2024/12/2	Cloudy	5.4	1.0	8.1	3	Dark brown	Faint phytoplankton	0.0	0.2	7.9	27.6	58.5	5.1	0.4	0.3	72.4	2.67	sand/gravel	< 7.6	39 ± 4.5	39	
					2024/12/25	Cloudy	4.1	0.7	3.6	3	Dark brown	None	0.0	0.1	14.8	25.0	51.8	7.8	0.3	0.2	73.7	2.82	sand/gravel	< 7.1	34 ± 3.7	34	
	188		Tenjinhama Beach		2024/5/14	Sunny	12.5	1.9	12.1	4	Dark brown	Faint fish	0.0	0.0	8.0	23.5	58.4	9.6	0.2	0.3	73.6	2.65	sand/gravel	< 4.6	35 ± 2.8	35	
					2024/6/18	Light Rain	17.6	1.8	18.5	3	Dull yellow brown	None	0.0	0.2	9.4	23.1	58.5	8.0	0.3	0.5	75.9	2.69	sand/gravel	< 5.9	31 ± 3.2	31	
					2024/10/16	Sunny	17.6	1.7	19.6	3	Dark brown	Faint phytoplankton	0.0	0.1	10.4	32.8	50.8	4.6	0.5	0.8	73.7	2.70	sand/gravel	< 7.7	27 ± 3.3	27	
					2024/11/16	Sunny	14.8	1.9	14.0	3	Dark brown	Faint phytoplankton	0.0	0.1	9.1	23.4	58.3	8.2	0.6	0.3	73.6	2.69	sand/gravel	< 7.5	28 ± 3.7	28	
					2024/12/2	Cloudy	5.1	1.8	7.3	3	Dark brown	None	0.0	0.2	8.7	37.8	46.7	5.6	0.5	0.5	72.1	2.68	sand/gravel	< 7.4	30 ± 4.1	30	
					2024/12/25	Cloudy	4.2	1.6	3.1	3	Dark brown	None	0.0	0.0	7.6	37.6	48.2	5.4	0.8	0.4	71.9	2.67	sand/gravel	< 8.7	29 ± 4.3	29	
	189		Hishinuma River Estuary		2024/5/14	Sunny	14.1	1.8	13.0	4	Dark brown	Faint fish	0.0	0.2	17.6	35.6	24.3	20.2	1.5	0.6	79.5	2.74	sand/gravel	< 6.4	14 ± 2.5	14	
					2024/6/18	Light Rain	17.4	1.7	18.5	3	Dull yellow brown	Faint sewage	0.0	0.7	20.5	31.5	21.6	23.0	1.8	0.9	79.7	2.79	gravel/sand	< 4.5	15 ± 2.0	15	
					2024/10/16	Sunny	19.3	1.7	18.9	3	Brownish black	Faint phytoplankton	0.0	0.7	27.4	21.6	28.6	19.1	1.6	1.0	79.6	2.79	gravel/sand	< 7.5	17 ± 2.9	17	
					2024/11/16	Sunny	14.6	1.8	13.7	3	Dark brown	None	0.0	1.7	32.1	22.0	25.0	17.5	1.0	0.7	78.6	2.87	sand/gravel	< 3.7	6.6 ± 1.2	6.6	
					2024/12/2	Cloudy	5.1	1.7	8.7	3	Dark brown	None	0.0	1.0	20.0	32.3	16.4	26.6	2.4	1.3	78.0	2.79	sand/gravel	< 7.3	14 ± 2.5	14	
					2024/12/25	Cloudy	2.6	1.5	3.6	3	Dark brown	None	0.0	0.2	14.8	37.8	24.3	21.3	0.9	0.7	77.0	2.77	sand/gravel	< 6.6	12 ± 2.3	12	
	190		Intake of Asakasosui		2024/5/14	Sunny	15.2	3.3	13.5	3	Brownish black	None	0.0	0.1	6.2	19.2	32.3	40.0	1.2	1.0	69.9	2.73	sand/gravel	< 9.3	74 ± 5.9	74	
					2024/6/18	Light Rain	16.9	3.4	18.8	3	Brownish black	None	0.0	0.2	13.8	17.8	28.9	37.5	0.9	0.9	74.5	2.77	sand/gravel	< 4.6	36 ± 3.2	36	
					2024/10/1	Sunny	17.2	3.5	21.3	3	Brownish black	None	0.0	0.1	6.0	22.6	36.3	32.9	1.0	1.1	74.3	2.75	sand/gravel	< 6.9	62 ± 4.8	62	
					2024/10/16	Sunny	18.2	3.5	19.8	3	Brownish black	None	0.0	0.4	11.5	22.0	27.1	36.9	1.0	1.1	73.9	2.79	sand/gravel	< 7.5	46 ± 4.5	46	
					2024/11/1	Sunny	10.7	3.3	15.9	3	Brownish black	None	0.0	1.0	11.4	21.3	40.2	24.9	0.7	0.5	76.0	2.79	sand/gravel	< 5.9	28 ± 3.7	28	
					2024/11/16	Sunny	14.0	3.5	14.0	3	Brownish black	None	0.0	0.4	10.9	23.0	34.9	29.6	0.7	0.5	76.5	2.74	sand/gravel	< 6.2	28 ± 3.5	28	
					2024/12/2	Cloudy	5.3	3.5	8.3	3	Brownish black	None	0.0	0.2	7.3	29.5	36.3	24.6	1.4	0.7	74.5	2.73	sand/gravel	< 6.0	20 ± 3.0	20	
					2024/12/25	Cloudy	2.7	3.3	5.6	3	Brownish black	None	0.0	0.3	8.9	32.8	36.7	20.4	0.7	0.2	76.6	2.75	sand/gravel	< 5.6	22 ± 2.9	22	
					2025/1/8	Light Snow	-0.2	3.2	4.5	3	Dark olive brown	Faint phytoplankton	0.0	0.4	7.7	26.1	37.1	27.6	0.5	0.6	75.0	2.74	sand/gravel	< 5.0	29 ± 3.6	29	
					2025/2/3	Sunny	3.1	3.2	5.2	3	Olive brown	None	0.0	0.3	12.4	20.4	32.2	33.5	0.9	0.3	73.5	2.76	sand/gravel	< 5.4	41 ± 4.3	41	
	191		Hamajihama Beach	Koriyama City	2024/5/14	Sunny	14.8	5.0	12.2	4	Olive brown	None	0.0	0.0	0.2	0.5	62.7	36.1	0.2	0.3	74.6	2.78	sand	< 4.2	45 ± 3.3	45	
					2024/6/18	Light Rain	16.9	5.0	17.7	3	Olive brown	None	0.0	0.0	0.2	1.7	72.5	25.0	0.2	0.4	77.1	2.74	sand	< 5.9	56 ± 3.8	56	
					2024/10/16	Sunny	17.6	4.8	19.9	3	Olive brown	None	0.0	0.0	0.2	1.1	69.6	27.6	0.6	0.9	75.3	2.76	sand	< 8.4	53 ± 4.6	53	
					2024/11/16	Sunny	14.7	4.8	14.0	3	Olive brown	None	0.0	0.1	0.1	1.6	72.0	25.6	0.4	0.2	73.9	2.77	sand	< 8.0	55 ± 4.9	55	
					2024/12/2	Cloudy	4.7	5.1	9.2	3	Olive brown	None	0.0	0.1	0.4	8.8	67.0	22.3	0.8	0.6	75.4	2.79	sand	< 7.4	41 ± 4.4	41	
					2024/12/25	Cloudy	2.4	4.8	4.2	3	Dull yellow brown	None	0.0	0.0	0.1	1.3	75.4	22.3	0.7	0.2	75.1	2.76	sand	< 5.7	56 ± 4.8	56	
	192		Funatsu Port		2024/5/14	Sunny	14.1	6.0	13.9	3	Brownish black	None	0.0	0.1	6.3	9.1	47.4	35.5	1.1	0.5	73.9	2.78	sand	< 5.3	46 ± 3.6	46	
					2024/6/18	Light Rain	16.8	5.7	17.4	3	Brownish black	Faint sewage	0.0	0.0	4.8	9.7	47.5	36.1	0.9	1.0	77.3	2.78	sand/gravel	< 6.2	42 ± 3.5	42	
					2024/10/16	Sunny	18.1	5.6	19.0	3	Brownish black	Faint phytoplankton	0.0	0.0	0.0	11.7	23.5	57.7	3.2	3.9	67.0	2.75	sand/gravel	< 8.4	100 ± 6.8	100	
					2024/11/16	Cloudy	15.0	6.0	14.0	3	Olive brown	None	0.0	0.1	3.2	9.6	42.4	41.7	1.8	1.2	71.4	2.78	sand/gravel	< 8.0	55 ± 5.0	55	
					2024/12/2	Cloudy	4.1	5.9	8.1	3	Brownish black	None	0.0	0.3	10.9	7.7	49.2	31.5	0.3	0.1	74.0	2.82	sand/gravel	< 6.1	42 ± 4.0	42	
					2024/12/25	Cloudy	2.2	5.6	5.6	3	Brownish black	Faint fish	0.0	0.2	10.5	9.1	51.9	27.0	0.9	0.4	74.4	2.81	sand/gravel	< 5.3	34 ± 3.9	34	
	193		Offshore of Funatsu River Estuary		2024/5/14	Sunny	13.4	3.5	11.4	3	Yellowish gray	Faint sewage	0.0	0.1	1.2	3.0	61.6	28.9	3.0	2.2	69.4	2.74	sand	< 5.5	19 ± 2.5	19	
					2024/6/18	Light Rain	16.9	3.2	18.3	3	Yellowish gray	Faint sewage	0.0	0.1	0.7	4.6	67.3	24.6	1.6	1.1	76.2	2.71	sand/silt	< 5.4	29 ± 3.0	29	
					2024/10/16	Sunny	18.2	3.2	19.5	3	Dark grayish yellow	Faint phytoplankton	0.0	0.0	1.0	2.9	75.0	18.3	1.2	1.6	71.5	2.78	sand	< 7.7	27 ± 4.1	27	
					2024/11/16	Cloudy	14.6	3.5	14.1	3	Dark grayish yellow	None	0.0	0.1	1.2	3.8	80.5	13.3	0.5	0.6	73.0	2.73	sand/gravel	< 6.1	18 ± 2.8	18	
					2024/12/2	Cloudy	4.3	3.4	8.2	3	Olive brown	None	0.0	0.1	0.8	4.2	77.2	16.3	0.5	0.9	69.4	2.73	sand	< 7.0	22 ± 3.4	22	
					2024/12/25	Cloudy	2.3	2.6	5.5	3	Dull yellow brown	None	0.0	0.0	0.9	5.4	80.3	12.2	0.9	0.3	71.2	2.73	sand	< 6.3	21 ± 3.2	21	
	194		Seishogahama Beach		2024/5/14	Sunny	9.1	6.5	10.5	3	Brownish black	Faint sewage	0.0	0.0	0.8	3.4	47.0	41.1	4.0	3.7	61.8	2.64	sand/silt	< 5.3	210 ± 6.2	210	
					2024/6/18	Cloudy	17.2	6.3	18.1	3	Olive black	Faint sewage	0.0	0.0	0.6	1.9	35.9	44.0	10.3	7.3	58.0	2.63	sand/silt	< 9.2	270 ± 11	270	
					2024/10/16	Sunny	17.9	6.0	18.8	3	Olive black	None	0.0	0.0	0.0	1.9	21.8	59.9	10.1	6.3	55.0	2.65	sand/silt	< 8.0	260 ± 9.6	260	
					2024/11/16	Cloudy	15.5	6.4	14.0	3	Dark grayish yellow	None	0.0	0.1	2.6	5.6	62.7	24.6	3.1	1.3	66.8	2.66	sand/gravel	< 5.8	180 ± 8.2	180	
					2024/12/2	Cloudy	3.6	6.7	8.8	3	Olive black	Faint sewage	0.0	0.0	0.2	0.7	18.6	57.5	13.0	10.0	53.8	2.63	sand/silt	< 7.6	250 ± 11	250	
					2024/12/25	Cloudy	1.8	6.4	5.5	3	Dark grayish yellow	None	0.0	0.0	0.1	0.5	6.9	58.1	17.2	17.2	55.3	2.61	sand/silt	< 8.1	230 ± 8.9	230	

Fukushima Lakes(Sediment_Aizu) 3/4

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																			Remarks
										General items																		
														Grain size distribution(%)										Sediment content (%)	Density (Mg/m^3)	Property	Activity concentration [Bq/kg(dry)]			
	No.	Location		Municipality					Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Radioactive cesium			
																											Cs-134	Cs-137	Total	
Lakes and Reservoirs	195	Lake Inawashiro	Haragawa River Estuary	Aizuwakamatsu City	2024/5/14	Sunny	10.6	19.8	8.3	3	Olive black	Faint sewage	0.0	0.0	0.0	0.4	16.8	43.3	20.7	18.8	45.7	2.59	silt/sand	< 7.0	210 ± 7.5	210	
					2024/6/18	Light Rain	17.2	17.0	13.9	3	Olive black	Faint sewage	0.0	0.0	0.2	0.4	16.3	44.7	16.8	21.6	48.8	2.60	silt/sand	< 9.0	160 ± 9.6	160	
					2024/10/16	Cloudy	19.7	14.0	19.3	3	Olive black	Faint sewage	0.0	0.0	0.0	1.4	14.1	51.0	19.7	13.8	46.6	2.62	silt/sand	< 8.4	200 ± 9.5	200	
					2024/11/16	Sunny	12.2	17.8	13.5	3	Black	None	0.0	0.0	0.1	0.2	19.8	42.2	18.3	19.4	45.1	2.61	silt/sand	8.3 ± 2.2	240 ± 12	248.3	
					2024/12/2	Cloudy	6.8	18.5	9.8	3	Olive black	None	0.0	0.0	0.0	0.5	3.9	38.9	27.6	29.1	41.2	2.63	silt	< 8.8	140 ± 7.8	140	
					2024/12/25	Cloudy	4.5	18.9	6.1	3	Olive black	Faint sewage	0.0	0.0	0.2	0.4	16.6	38.9	21.0	22.9	39.9	2.59	silt/sand	< 7.7	180 ± 8.3	180	
	196		Koishigahama Floodgate	Inawashiro Town/ Aizuwakamatsu City	2024/5/14	Sunny	11.2	5.6	10.0	3	Brownish black	Faint sewage	0.0	0.0	0.1	0.3	1.2	21.1	55.0	22.3	30.9	2.55	silt/sand	< 9.8	190 ± 8.6	190	
					2024/6/18	Light Rain	17.3	5.3	17.4	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	1.0	23.5	46.0	29.4	34.6	2.59	silt/sand	< 8.8	97 ± 6.7	97	
					2024/10/1	Sunny	19.3	4.9	21.9	4	Brownish black	None	0.0	0.0	0.0	0.2	0.8	25.2	44.3	29.5	34.5	2.59	silt/sand	< 6.8	120 ± 5.2	120	
					2024/10/16	Cloudy	18.2	5.3	19.6	3	Brownish black	Faint phytoplankton	0.0	0.0	0.0	0.1	0.4	20.3	48.0	31.2	32.3	2.59	silt/sand	< 9.4	120 ± 7.3	120	
					2024/11/1	Sunny	12.1	5.3	16.3	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.1	0.2	1.6	31.2	42.0	24.9	34.1	2.60	silt	< 9.5	100 ± 7.4	100	
					2024/11/16	Sunny	13.1	5.4	13.5	3	Brownish black	None	0.0	0.0	0.1	0.4	2.3	28.4	36.6	32.2	37.4	2.61	silt/sand	< 9.4	150 ± 8.3	150	
					2024/12/2	Sunny	7.4	5.3	9.4	3	Brownish black	None	0.0	0.0	0.2	1.8	28.7	44.9	11.4	13.0	55.9	2.65	silt	< 4.6	120 ± 4.5	120	
					2024/12/25	Cloudy	3.7	4.9	4.0	3	Dark grayish yellow	None	0.0	0.0	0.0	0.3	1.1	25.6	48.2	24.8	34.0	2.61	silt/sand	< 6.5	73 ± 4.5	73	
					2025/1/8	Light Snow	-0.6	5.0	4.9	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.6	23.3	42.2	33.8	24.4	2.57	silt/sand	< 8.2	290 ± 7.7	290	
					2025/2/3	Sunny	2.1	5.2	3.9	3	Brownish black	None	0.0	0.0	0.1	0.1	0.8	21.4	54.4	23.2	30.3	2.57	silt/sand	< 9.3	170 ± 8.6	170	
	197	Higashiyama Dam Reservoir		Aizuwakamatsu City	2024/5/16	Cloudy	18.0	18.0	7.5	4	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.2	1.6	48.0	50.1	20.9	2.40	silt	< 7.6	280 ± 8.6	280	
					2024/6/14	Sunny	20.0	14.5	7.0	4	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.2	0.4	2.0	44.5	52.9	20.5	2.39	silt	< 8.3	290 ± 8.5	290	
					2024/8/15	Cloudy	27.7	16.5	10.8	3	Grayish yellow brown	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.3	1.2	39.0	59.4	22.7	2.44	silt	< 7.1	340 ± 7.6	340	
					2024/10/15	Sunny	17.2	14.5	8.8	3	Brownish black	Faint hydrogen sulfide	0.0	0.2	0.1	0.2	0.4	2.1	38.7	58.3	21.7	2.34	silt	< 9.1	250 ± 8.3	250	
					2024/11/18	Cloudy	6.2	14.9	6.7	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.2	0.1	1.6	45.7	52.4	20.7	2.42	silt	< 5.8	330 ± 6.0	330	
					2024/12/10	Sunny	5.2	14.0	5.8	5	Dark grayish yellow	Faint sewage	0.0	0.3	0.3	0.1	0.3	1.9	36.3	60.8	21.1	2.42	silt	< 9.3	530 ± 11	530	
	198	Lake Numazawa	Center	Kaneyama Town	2024/5/23	Sunny	19.4	95.0	6.9	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.2	0.3	44.1	55.4	19.0	2.57	silt	< 9.5	470 ± 11	470	
					2024/6/21	Cloudy	20.6	93.6	12.2	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.1	1.0	40.2	58.6	19.0	2.57	silt	< 9.1	120 ± 5.4	120	
					2024/8/29	Cloudy	26.3	98.0	8.7	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.8	1.2	37.3	60.6	17.6	2.56	silt	< 8.5	85 ± 5.0	85	
					2024/10/21	Sunny	11.2	96.5	9.5	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.2	0.3	46.8	52.7	17.0	2.53	silt	13 ± 3.7	580 ± 13	593	
					2024/11/13	Cloudy	12.5	94.1	5.9	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.4	1.0	45.1	53.4	17.3	2.62	silt	< 9.7	370 ± 11	370	
					2024/12/9	Light Snow	2.2	94.6	5.7	3	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.2	0.4	37.5	61.9	19.6	2.59	silt	< 9.2	120 ± 5.3	120	
	199		Midpoint between the center of the lake and off the estuary (at the depth of 30 m)		2024/5/23	Sunny	19.6	35.0	10.8	3	Olive black	Faint swamp	0.0	0.0	0.0	11.1	25.9	13.7	12.5	36.8	39.0	2.61	silt/sand	< 8.4	230 ± 9.0	230	
					2024/6/21	Sunny	20.3	35.8	12.6	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	0.3	2.1	12.9	36.6	48.1	29.6	2.55	silt/sand	< 9.4	270 ± 10	270	
					2024/8/29	Cloudy	26.4	29.8	12.1	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	4.1	5.7	6.7	36.5	47.0	31.0	2.57	silt	< 8.6	430 ± 12	430	
					2024/10/21	Sunny	14.2	29.8	17.0	3	Brownish black	Faint hydrogen sulfide	0.0	0.1	0.8	3.5	6.0	12.3	34.3	43.0	28.9	2.55	silt/sand	< 9.2	610 ± 14	610	
					2024/11/13	Cloudy	14.9	29.5	10.9	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.1	0.2	2.9	12.0	37.1	47.7	28.0	2.58	silt/sand	< 9.4	200 ± 8.2	200	
					2024/12/9	Light Snow	2.2	35.5	9.8	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.1	0.7	6.9	31.7	26.4	34.2	37.5	2.62	silt/sand	< 7.9	230 ± 9.4	230	
	200		Offshore of Maenosawa River Estuary		2024/5/23	Sunny	20.4	27.2	12.1	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.0	3.9	7.0	24.0	30.1	35.0	34.2	2.56	silt	< 9.7	160 ± 8.6	160	
					2024/6/21	Cloudy	20.3	26.9	15.9	3	Olive black	Faint swamp	0.0	0.4	1.7	1.7	2.9	10.1	41.3	41.9	32.2	2.51	silt/sand	20 ± 4.3	760 ± 23	780	
					2024/8/29	Cloudy	26.7	30.8	12.4	3	Olive black	Faint swamp	0.0	0.0	0.2	0.4	0.6	7.5	45.1	46.2	28.8	2.57	silt/sand	9.0 ± 2.2	270 ± 11	279.0	
					2024/10/21	Sunny	16.1	25.4	16.8	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	1.7	2.3	1.7	5.9	46.6	41.8	25.6	2.54	silt/sand	< 8.8	420 ± 11	420	
					2024/11/13	Cloudy	14.1	34.3	10.1	3	Olive black	Faint hydrogen sulfide	0.0	0.0	5.9	10.0	12.8	11.5	28.8	31.0	33.3	2.61	silt	11 ± 3.5	380 ± 11	391	
					2024/12/9	Light Snow	2.2	37.1	9.9	3	Brownish black	Faint hydrogen sulfide	0.0	0.0	0.8	4.5	6.4	8.7	46.3	33.3	34.7	2.59	silt/sand	< 8.2	90 ± 6.7	90	
	201	Aizu (farm pond)	Terairi	Aizumisato Town	2024/5/16	Sunny	24.0	3.3	20.1	3	Brownish black	Faint sewage	0.0	0.0	0.7	7.1	19.4	18.0	24.4	30.4	52.4	2.68	silt/sand	< 7.2	30 ± 3.9	30	
					2024/6/14	Sunny	29.8	5.5	22.7	3	Brownish black	Faint sewage	0.0	0.0	2.9	7.5	21.7	15.1	27.5	25.3	46.0	2.61	silt/sand	< 8.1	200 ± 9.3	200	
					2024/8/15	Sunny	28.6	1.7	28.9	4	Dark brown	Faint ditch	0.0	0.0	0.2	8.4	23.9	22.0	19.8	25.7	36.3	2.56	silt/sand	12 ± 3.3	430 ± 13	442	
					2024/10/15	Sunny	22.7	1.0	17.9	3	Dark grayish yellow	Faint sewage	0.0	0.0	1.0	10.8	28.0	21.9	16.5	21.8	51.6	2.63	silt/sand	< 9.4	230 ± 11	230	
					2024/11/18	Cloudy	8.3	0.8	11.2	3	Brownish black	None	0.0	0.1	0.2	9.5	35.8	21.1	14.1	19.2	56.9	2.66	silt/sand	< 7.4	140 ± 7.8	140	
					2024/12/10	Sunny	7.3	0.8	6.4	3	Brownish black	None	0.0	0.2	0.9	6.4	39.8	20.0	14.2	18.5	52.1	2.68	silt/sand	< 7.0	230 ± 9.3	230	
	202	Okawa Dam Reservoir		Aizuwakamatsu City	2024/5/17	Sunny	19.0	21.8	13.1	4	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	3.0	58.5	38.4	41.3	2.56	silt	< 9.4	55 ± 5.1	55	
					2024/6/27	Sunny	25.9	9.9	18.7	3	Dark grayish yellow	Faint hydrogen sulfide	0.0	0.0	0.0	0.2	0.1	1.7	57.3	40.7	36.2	2.56	silt	< 7.8	66 ± 4.7	66	
					2024/8/15	Sunny	28.8	8.0	24.6	3	Dark grayish yellow	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	2.6	62.3	35.0	41.2	2.58	silt	< 8.3	37 ± 3.9	37	
					2024/10/15	Sunny	24.1	23.7	16.7	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.2	0.8	52.7	46.2	32.8	2.52	silt	< 8.4	91 ± 6.9	91	
					2024/11/18	Cloudy	5.9	17.2	10.9	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.2	0.3	5.6	58.6	35.3	33.4	2.53	silt	< 9.4	74 ± 5.9	74	
					2024/12/10	Sunny	7.1	12.9	8.2	3	Grayish olive	None	0.0	0.0	0.1	0.3	0.5	1.7	62.5	34.9	29.3	2.56	silt	< 9.5	78 ± 5.7	78	
	203	Tagokura Reservoir		Tadami Town	2024/5/9	Cloudy	9.0	95.0	4.2	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	0.2	38.6	61.1	32.9	2.64	silt	< 9.5	140 ± 7.2	140	
					2024/6/27	Sunny	26.5	98.0	7.9	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.2	0.3	25.0	74.4	30.2	2.63	silt	< 8.5	130 ± 7.2	130	
					2024/8/28	Cloudy	31.6	88.3	11.9	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.0	0.3	23.7	75.9	31.0	2.62	silt	< 9.7	190 ± 8.2	190	
					2024/10/25	Sunny	21.3	96.3	8.4	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.1	0.2	34.7	64.9	28.8	2.67	silt	< 8.9	150 ± 7.3	150	
					2024/11/13	Sunny	12.8	95.2	8.8	3	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.0	0.1	30.3	69.5	29.5	2.69	silt	< 9.5	120 ± 6.6	120	
					2024/12/9	Light Snow	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to location inaccessibility.*
	204	Minamiaizu(farm pond)	Fukui		2024/5/9	Cloudy	7.0	0.9	16.0	3	Olive brown	None	0.0	0.3	16.5	14.7	29.4	14.1	13.6	11.4	74.5	2.68	gravel/sand	< 0.89	< 0.97	-	
					2024/6/27	Sunny	29.5	0.9	25.6	2	Yellow brown	None	0.0	0.9	19.6	19.3	33.9	13.5	4.8	8.0	76.8	2.67	gravel/sand	< 0.94	< 0.92	-	
					2024/8/28	Sunny	30.9	0.9	29.3	3	Yellow brown	None	0.0	1.1	19.3	15.7	28.7	14.6	10.9	9.7	77.3	2.68	sand/gravel	< 0.86	< 0.98	-	
					2024/10/25	Sunny	20.1	0.5	19.1	3	Yellow brown	None	0.0	4.2	24.0	22.5	32.1	10.5	4.1	2.6	76.6	2.67	gravel/sand	< 0.88	< 0.98	-	
					2024/11/13	Sunny	12.9	0.8	12.1	3	Yellow brown	None	0.0	2.1	18.5	19.5	38.1	13.1	4.6	4.1	74.1	2.68	gravel/sand	< 0.80	< 0.89	-	
					2024/12/9	Light Rain	2.1	0.5	5.2	3	Yellow brown	None	0.0	1.8	21.8	22.0	31.3	8.9	7.3	6.9	77.5	2.70	silt/sand	< 0.90	< 0.99	-	

Fukushima Lakes(Sediment_Aizu) 4/4

| | Location | | | Sampling Date | Weather | Air temperature (℃) | Water depth (m) | Sediment | | |

Fukushima Lakes(SE_Aizu) 1/3

	Location			Sampling Date	Weather	Air temperature (℃)	Surrounding Environment(Soil,Air dose)								
							Soil							Air dose (μSv/h)	Remarks
										Activity concentration [Bq/kg(dry)]					
										Radioactive cesium					
	No.	Location	Municipality				Color	Odor	Property	Cs-134	Cs-137	Total		
Lakes and Reservoirs	177	Nicchu Dam	Kitakata City	2024/5/13	Light Rain	15.0	Grayish yellow brown	Faint earth	loamy	< 8.3	91 ± 6.2	91	0.07	
				2024/6/11	Sunny	21.5	Brown	Faint earth	loamy	< 7.8	150 ± 8.5	150	0.08	
				2024/8/9	Sunny	32.6	Grayish yellow brown	Faint earth	loamy	< 7.6	260 ± 11	260	0.08	
	178	Lake Sohara	Kitashiobara Village	2024/5/15	Sunny	19.0	Brownish black	Faint earth	loamy	12 ± 2.9	510 ± 14	522	0.06	
				2024/6/20	Sunny	16.6	Brownish black	Faint earth	loamy	8.5 ± 2.5	880 ± 13	888.5	0.06	
				2024/8/8	Sunny	27.2	Brownish black	Faint earth	loamy	< 9.0	480 ± 16	480	0.05	
	179	Lake Hibara		2024/5/15	Sunny	10.0	Dark brown	Faint earth	loamy	10 ± 2.6	310 ± 15	320	0.06	
				2024/6/20	Sunny	15.2	Dark brown	Faint earth	loamy	< 8.1	280 ± 12	280	0.06	
				2024/7/17	Cloudy	22.1	Dark brown	Faint earth	loamy	< 7.9	330 ± 14	330	0.06	
				2024/8/8	Sunny	24.2	Dark brown	Faint earth	loamy	< 8.9	350 ± 12	350	0.05	
				2024/9/19	Light Rain	20.2	Dark brown	Faint earth	loamy	< 8.3	230 ± 11	230	0.06	
	180	Lake Onogawa		2024/5/15	Sunny	21.0	Brownish black	Faint earth	loamy	12 ± 2.6	620 ± 17	632	0.07	
				2024/6/20	Sunny	25.8	Brownish black	Faint earth	loamy	< 8.3	180 ± 9.2	180	0.06	
				2024/7/17	Cloudy	22.9	Brownish black	Faint earth	loamy	19 ± 3.9	1,200 ± 25	1,219	0.07	
				2024/8/8	Sunny	26.7	Brownish black	Faint earth	loamy	8.9 ± 2.0	350 ± 10	358.9	0.07	
				2024/9/19	Cloudy	22.1	Dark brown	Faint earth	loamy	< 7.1	73 ± 5.4	73	0.08	
	181	Lake Akimoto	Inawashiro Town	2024/5/15	Sunny	17.0	Brownish black	Faint earth	loamy	10 ± 2.8	820 ± 18	830	0.06	
				2024/6/20	Sunny	30.6	Brownish black	Faint earth	loamy	19 ± 4.3	850 ± 27	869	0.06	
				2024/7/17	Cloudy	22.3	Brownish black	Faint earth	loamy	12 ± 2.7	790 ± 21	802	0.07	
				2024/8/8	Sunny	27.1	Brownish black	Faint earth	loamy	< 7.7	210 ± 8.7	210	0.07	
				2024/9/19	Light Rain	20.2	Dark brown	Faint earth	loamy	< 9.2	390 ± 13	390	0.06	
	182	Lake Bishamonnuma	Kitashiobara Village	2024/5/15	Sunny	20.0	Brownish black	Faint earth	loamy	20 ± 5.5	1,700 ± 37	1,720	0.08	
				2024/6/11	Sunny	24.8	Brownish black	Faint earth	loamy	12 ± 2.6	940 ± 18	952	0.06	
				2024/8/9	Sunny	32.8	Brownish black	Faint earth	loamy	13 ± 2.4	1,200 ± 19	1,213	0.07	
	183	Lake Oguninuma		2024/7/26	Cloudy	21.7	Dark brown	Faint earth	loamy	20 ± 3.6	810 ± 17	830	0.05	
				2024/8/30	Cloudy	23.6	Dark brown	Faint earth	loamy	< 9.2	570 ± 16	570	0.05	
				2024/9/25	Cloudy	22.3	Dark brown	Faint earth	loamy	9.0 ± 2.2	520 ± 16	529.0	0.05	
	184	Aizu (farm pond)	Lake Onuma / Nishiaizu Town	2024/5/10	Sunny	16.0	Brownish black	Faint earth	loamy	< 9.0	310 ± 13	310	0.06	
				2024/6/21	Cloudy	22.5	Brownish black	Faint earth	loamy	8.4 ± 2.6	510 ± 14	518.4	0.06	
				2024/8/29	Cloudy	27.9	Brownish black	Faint earth	loamy	12 ± 3.4	390 ± 14	402	0.06	
	185	Lake Inawashiro	Center / Aizuwakamatsu City	2024/5/14	Sunny	8.7	-	-	-	-	-	-	-	No sampling soil location
				2024/6/18	Light Rain	17.1	-	-	-	-	-	-	-	No sampling soil location
				2024/10/1	Sunny	16.4	-	-	-	-	-	-	-	No sampling soil location
				2024/10/16	Sunny	18.5	-	-	-	-	-	-	-	No sampling soil location
				2024/11/1	Cloudy	11.5	-	-	-	-	-	-	-	No sampling soil location
	186		Takahashi River Estuary / Inawashiro Town	2024/5/14	Sunny	12.1	Dark brown	Faint earth	sandy	< 8.0	90 ± 6.8	90	0.05	
				2024/6/18	Light Rain	17.5	Dark brown	Faint earth	sandy	< 6.4	170 ± 7.5	170	0.05	
				2024/10/16	Cloudy	18.7	Dark brown	Faint earth	loamy	< 8.2	110 ± 7.1	110	0.05	
	187		Oguro River Estuary / Inawashiro Town	2024/5/14	Sunny	11.9	Brownish black	Faint earth	loamy	< 9.8	460 ± 16	460	0.06	
				2024/6/18	Light Rain	17.5	Dark brown	Faint earth	loamy	< 8.7	300 ± 11	300	0.06	
				2024/10/16	Cloudy	18.7	Grayish yellow brown	Faint earth	loamy	< 7.0	480 ± 11	480	0.05	

Fukushima Lakes(SE_Aizu) 2/3

	Location				Sampling Date	Weather	Air temperature (℃)	Surrounding Environment(Soil,Air dose)								
								Soil						Air dose (μSv/h)	Remarks
								Color	Odor	Property	Activity concentration [Bq/kg(dry)]				
											Radioactive cesium				
	No.	Location		Municipality							Cs-134	Cs-137	Total		
Lakes and Reservoirs	188	Lake Inawashiro	Tenjinhama Beach	Inawashiro Town	2024/5/14	Sunny	12.5	Brownish black	Faint earth	sandy	< 4.1	36 ± 3.7	36	0.03	
					2024/6/18	Light Rain	17.6	Brownish black	Faint earth	sandy	< 3.5	26 ± 2.3	26	0.04	
					2024/10/16	Sunny	17.6	Dark brown	Faint earth	sandy	< 4.1	19 ± 2.9	19	0.04	
	189		Hishinuma River Estuary		2024/5/14	Sunny	14.1	Dark brown	Faint earth	sandy	< 5.4	25 ± 3.1	25	0.05	
					2024/6/18	Light Rain	17.4	Dark brown	Faint earth	sandy	< 3.5	15 ± 2.0	15	0.05	
					2024/10/16	Sunny	19.3	Dark brown	Faint earth	sandy	< 4.5	15 ± 2.2	15	0.04	
	190		Intake of Asakasosui		2024/5/14	Sunny	15.2	Dull yellow brown	Faint earth	loamy	< 9.5	140 ± 8.6	140	0.06	
					2024/6/18	Light Rain	16.9	Dull yellow brown	Faint earth	loamy	< 8.4	150 ± 9.0	150	0.07	
					2024/10/1	Sunny	17.2	Dull yellow brown	Faint earth	loamy	< 8.1	190 ± 8.8	190	0.06	
					2024/10/16	Sunny	18.2	Dark brown	Faint earth	loamy	< 9.3	160 ± 9.9	160	0.06	
					2024/11/1	Sunny	10.7	Dull yellow brown	Faint earth	loamy	< 7.8	240 ± 10	240	0.06	
	191		Hamajihama Beach	Koriyama City	2024/5/14	Sunny	14.8	Brownish black	Faint earth	loamy	< 8.3	550 ± 13	550	0.05	
					2024/6/18	Light Rain	16.9	Grayish yellow brown	Faint earth	loamy	< 9.7	200 ± 10	200	0.06	
					2024/10/16	Sunny	17.6	Dark brown	Faint earth	loamy	< 6.8	140 ± 7.3	140	0.04	
	192		Funatsu Port		2024/5/14	Sunny	14.1	Grayish yellow brown	Faint earth	loamy	< 5.3	73 ± 5.0	73	0.05	
					2024/6/18	Light Rain	16.8	Grayish yellow brown	Faint earth	sandy	< 6.0	75 ± 5.3	75	0.05	
					2024/10/16	Sunny	18.1	Dull yellow brown	None	sandy	< 8.0	80 ± 5.5	80	0.06	
	193		Offshore of Funatsu River Estuary		2024/5/14	Sunny	13.4	Brownish black	Faint earth	loamy	< 7.5	180 ± 9.7	180	0.05	
					2024/6/18	Light Rain	16.9	Dark brown	Faint earth	loamy	< 7.9	150 ± 8.5	150	0.05	
					2024/10/16	Sunny	18.2	Dark brown	Faint earth	loamy	< 6.9	140 ± 7.4	140	0.06	
	194		Seishogahama Beach		2024/5/14	Sunny	9.1	Dull yellow brown	Faint earth	sandy	< 5.5	68 ± 5.1	68	0.04	
					2024/6/18	Cloudy	17.2	Dull yellow brown	Faint earth	sandy	< 6.2	70 ± 5.3	70	0.04	
					2024/10/16	Sunny	17.9	Dull yellow brown	Faint earth	sandy	< 4.9	80 ± 5.4	80	0.05	
	195		Haragawa River Estuary	Aizuwakamatsu City	2024/5/14	Sunny	10.6	Dark brown	Faint earth	loamy	7.9 ± 1.8	250 ± 9.6	257.9	0.06	
					2024/6/18	Light Rain	17.2	Dark brown	Faint earth	sandy	7.6 ± 1.7	460 ± 10	467.6	0.06	
					2024/10/16	Cloudy	19.7	Dark brown	Faint earth	loamy	< 7.6	400 ± 14	400	0.06	
	196		Koishigahama Floodgate	Inawashiro Town/ Aizuwakamatsu City	2024/5/14	Sunny	11.2	Dark brown	Faint earth	loamy	< 8.1	470 ± 15	470	0.07	
					2024/6/18	Light Rain	17.3	Dark brown	Faint earth	loamy	< 8.6	810 ± 17	810	0.06	
					2024/10/1	Sunny	19.3	Dark brown	Faint earth	loamy	< 9.3	570 ± 16	570	0.06	
					2024/10/16	Cloudy	18.2	Dark brown	Faint earth	loamy	15 ± 3.4	740 ± 21	755	0.06	
					2024/11/1	Sunny	12.1	Dark brown	Faint earth	loamy	16 ± 4.9	1,000 ± 26	1,016	0.07	
	197	Higashiyama Dam Reservoir		Aizuwakamatsu City	2024/5/16	Cloudy	18.0	Brownish black	Faint earth	loamy	12 ± 2.5	540 ± 15	552	0.07	
					2024/6/14	Sunny	20.0	Brownish black	Faint earth	loamy	< 8.5	200 ± 10	200	0.07	
					2024/8/15	Cloudy	27.7	Brownish black	Faint earth	loamy	< 8.1	300 ± 11	300	0.07	
	198	Lake Numazawa	Center	Kaneyama Town	2024/5/23	Sunny	19.4	Brownish black	Faint earth	loamy	< 6.9	100 ± 7.3	100	0.07	
					2024/6/21	Cloudy	20.6	Dark brown	Faint earth	loamy	< 5.0	230 ± 7.0	230	0.07	
					2024/8/29	Cloudy	26.3	Dark brown	Faint earth	loamy	17 ± 3.6	1,200 ± 21	1,217	0.07	
	199		Midpoint between the center of the lake and off the estuary (at the depth of 30 m)		2024/5/23	Sunny	19.6	-	-	-	-	-	-	-	No sampling soil location
					2024/6/21	Sunny	20.3	-	-	-	-	-	-	-	No sampling soil location
					2024/8/29	Cloudy	26.4	-	-	-	-	-	-	-	No sampling soil location

Fukushima Lakes(SE_Aizu) 3/3

	No.	Location		Municipality	Sampling Date	Weather	Air temperature (℃)	Surrounding Environment(Soil,Air dose)							
								Soil						Air dose (μSv/h)	Remarks
								Color	Odor	Property	Activity concentration ［Bq/kg(dry)］				
											Radioactive cesium				
											Cs-134	Cs-137	Total		
Lakes and Reservoirs	200	Lake Numazawa	Offshore of Maenosawa River Estuary	Kaneyama Town	2024/5/23	Sunny	20.4	-	-	-	-	-	-	-	No sampling soil location
					2024/6/21	Cloudy	20.3	-	-	-	-	-	-	-	No sampling soil location
					2024/8/29	Cloudy	26.7	-	-	-	-	-	-	-	No sampling soil location
	201	Aizu (farm pond)	Terairi	Aizumisato Town	2024/5/16	Sunny	24.0	Dark brown	Faint earth	loamy	< 9.8	390 ± 11	390	0.06	
					2024/6/14	Sunny	29.8	Dark grayish yellow	Faint earth	loamy	< 7.7	300 ± 10	300	0.06	
					2024/8/15	Sunny	28.6	Dull yellow brown	Faint earth	loamy	< 8.0	520 ± 15	520	0.05	
	202	Okawa Dam Reservoir		Aizuwakamatsu City	2024/5/17	Sunny	19.0	Brownish black	Faint earth	loamy	< 8.3	190 ± 9.7	190	0.06	
					2024/6/27	Sunny	25.9	Brownish black	Faint earth	loamy	< 9.2	350 ± 11	350	0.06	
					2024/8/15	Sunny	28.8	Brownish black	Faint earth	loamy	< 7.1	320 ± 13	320	0.06	
	203	Tagokura Reservoir		Tadami Town	2024/5/9	Cloudy	9.0	Brownish black	Faint earth	loamy	< 9.1	30 ± 4.2	30	0.07	
					2024/6/27	Sunny	26.5	Brownish black	Faint earth	loamy	< 8.9	25 ± 3.8	25	0.06	
					2024/8/28	Cloudy	31.6	Brownish black	Faint earth	loamy	< 9.5	29 ± 4.0	29	0.07	
	204	Minamiaizu(farm pond)	Fukui		2024/5/9	Cloudy	7.0	Dark brown	Faint earth	loamy	< 9.4	16 ± 4.6	16	0.11	
					2024/6/27	Sunny	29.5	Brown	Faint earth	loamy	< 7.8	30 ± 3.9	30	0.09	
					2024/8/28	Sunny	30.9	Dark brown	Faint earth	loamy	< 7.6	23 ± 3.1	23	0.10	
	205	Tajima Dam Reservoir (Lake Funehana)		Minamiaizu Town	2024/5/8	Cloudy	14.0	Brownish black	Faint earth	loamy	< 9.8	27 ± 4.5	27	0.05	
					2024/6/19	Sunny	24.9	Brownish black	Faint earth	loamy	< 5.4	45 ± 3.5	45	0.05	
					2024/8/15	Sunny	31.8	Brownish black	Faint earth	loamy	< 8.6	44 ± 4.6	44	0.05	
	206	Okutadami Reservoir		Hinoemata Village	2024/6/14	Sunny	26.0	Dark brown	Faint earth	loamy	< 9.0	130 ± 6.8	130	0.05	
					2024/7/19	Sunny	30.2	Dark brown	Faint earth	loamy	< 8.2	91 ± 6.0	91	0.05	
					2024/8/6	Light Rain	27.2	Brown	Faint earth	loamy	< 9.2	73 ± 5.8	73	0.05	
					2024/9/24	Sunny	22.5	Brown	Faint earth	loamy	< 9.3	60 ± 5.7	60	0.06	
	207	Lake Ozenuma			2024/6/14	Sunny	21.7	brown	Faint earth	loamy	< 8.2	45 ± 4.3	45	0.07	
					2024/7/19	Cloudy	18.3	brown	Faint earth	loamy	< 7.8	430 ± 11	430	0.06	
					2024/8/9	Sunny	27.7	brown	Faint earth	loamy	< 9.0	230 ± 10	230	0.06	
					2024/9/13	Sunny	21.3	brown	Faint earth	loamy	< 9.3	380 ± 12	380	0.06	

Fukushima Coastal(Water) 1/8

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water											Remarks
									General items									Activity concentration(Bq/L)		
	No.	Water Area		Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Salinity (‰)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium Cs-134	Radioactive cesium Cs-137		
Coastal areas	208	Neighboring sea area of Soso	Approx. 2,000 m offshore of Tsurushihama Fishing Port	Surface layer	2024/5/14	Cloudy	18.2	14.3	16.6	0.5	Dark grayish green	None	5.0	33.7	2	0.7	< 0.47	< 0.61		
				Deep layer					15.1	13.3	-	None		34.1	6	2.2	< 0.60	< 0.55		
				Surface layer	2024/6/6	Sunny	26.2	13.7	18.8	0.5	Dark grayish yellow green	None	2.8	31.4	3	1.9	< 0.48	< 0.63		
				Deep layer					17.1	12.7	-	None		34.2	12	6.2	< 0.57	< 0.63		
				Surface layer	2024/7/10	Cloudy	25.3	15.2	21.9	0.5	Dark grayish yellowish green	None	6.2	33.7	2	0.7	< 0.66	< 0.55		
				Deep layer					17.0	14.2	-	None		34.2	2	0.6	< 0.52	< 0.70		
				Surface layer	2024/8/6	Sunny	28.6	14.8	25.6	0.5	Dark grayish blue green	None	8.5	32.5	<1	0.6	< 0.50	< 0.63		
				Deep layer					21.8	13.8	-	None		33.4	19	4.9	< 0.53	< 0.55		
				Surface layer	2024/9/10	Cloudy	26.5	14.7	26.2	0.5	Dark grayish yellowish green	None	4.7	30.1	3	1.0	< 0.64	< 0.58		
				Deep layer					23.1	13.7	-	None		33.6	3	0.8	< 0.69	< 0.48		
				Surface layer	2024/10/8	Light Rain	16.5	15.3	22.3	0.5	Dark grayish green	None	5.0	31.4	3	0.8	< 0.45	< 0.58		
				Deep layer					22.7	14.3	-	None		32.2	3	0.5	< 0.57	< 0.48		
				Surface layer	2024/11/6	Light Rain	9.2	15.0	19.4	0.5	Dark grayish blue green	None	4.5	32.7	3	1.3	< 0.71	< 0.66		
				Deep layer					20.0	14.0	-	None		33.3	2	1.4	< 0.59	< 0.55		
				Surface layer	2024/12/3	Sunny	11.3	14.9	14.1	0.5	Dark grayish green	None	4.0	32.0	3	1.3	< 0.57	< 0.55		
				Deep layer					15.1	13.9	-	None		33.5	10	4.3	< 0.57	< 0.68		
				Surface layer	2025/1/7	Sunny	7.7	14.8	11.1	0.5	Dark grayish green	None	3.5	34.0	1	1.0	< 0.48	< 0.55		
				Deep layer					11.3	13.8	-	None		34.1	1	1.1	< 0.69	< 0.61		
				Surface layer	2025/2/3	Cloudy	2.2	15.0	9.8	0.5	Dark grayish yellowish green	None	4.0	33.8	3	1.0	< 0.52	< 0.58		
				Deep layer					10.2	14.0	-	None		34.1	6	1.9	< 0.61	< 0.45		
	209	Matsukawaura sea area	Around center of Fishing Right Area-1	Surface layer	2024/5/14	Sunny	21.7	2.3	16.3	0.5	Dark grayish green	None	>2.3	32.7	6	2.1	< 0.62	< 0.64		
				Deep layer					16.3	1.3	-	None		33.0	7	1.9	< 0.68	< 0.55		
				Surface layer	2024/6/6	Sunny	21.3	2.2	22.1	0.5	Dark grayish yellow green	None	1.0	26.9	19	14	< 0.75	< 0.66		
				Deep layer					22.0	1.2	-	None		27.0	23	14	< 0.64	< 0.58		
				Surface layer	2024/7/10	Cloudy	26.8	2.1	19.5	0.5	Dark grayish green	None	>2.1	33.8	5	1.0	< 0.47	< 0.74		
				Deep layer					19.5	1.1	-	None		33.8	5	1.2	< 0.63	< 0.45		
				Surface layer	2024/8/6	Sunny	31.5	2.2	27.2	0.5	Dark grayish yellowish green	None	2.0	32.2	8	3.9	< 0.48	< 0.48		
				Deep layer					27.2	1.2	-	None		32.2	9	4.2	< 0.45	< 0.52		
				Surface layer	2024/9/10	Cloudy	27.6	2.1	25.7	0.5	Dark grayish yellowish green	None	>2.1	31.1	3	1.0	< 0.71	< 0.55		
				Deep layer					25.7	1.1	-	None		31.2	4	0.9	< 0.67	< 0.55		
				Surface layer	2024/10/8	Light Rain	17.8	2.3	22.3	0.5	Grayish yellow green	None	>2.3	30.6	5	1.8	< 0.59	< 0.52		
				Deep layer					22.3	1.3	-	None		30.6	3	1.7	< 0.61	< 0.61		
				Surface layer	2024/11/6	Light Rain	9.1	2.3	18.8	0.5	Dark grayish yellow green	None	>2.3	31.8	2	1.0	< 0.41	< 0.55		
				Deep layer					18.8	1.3	-	None		31.8	4	1.0	< 0.50	< 0.55		
				Surface layer	2024/12/3	Sunny	14.4	2.6	15.0	0.5	Dark grayish yellowish green	None	>2.6	33.3	2	1.0	< 0.64	< 0.55		
				Deep layer					15.0	1.6	-	None		33.3	2	1.0	< 0.75	< 0.68		
				Surface layer	2025/1/7	Sunny	7.8	2.2	10.8	0.5	Grayish yellowish green	None	>2.2	33.9	2	0.9	< 0.52	< 0.52		
				Deep layer					10.8	1.2	-	None		33.9	2	0.9	< 0.67	< 0.55		
				Surface layer	2025/2/3	Cloudy	1.9	2.2	9.6	0.5	Dark grayish yellowish green	None	>2.2	33.8	2	1.1	< 0.57	< 0.61		
				Deep layer					9.6	1.2	-	None		33.8	3	1.2	< 0.67	< 0.51		

Fukushima Coastal(Water) 2/8

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water											
									General items									Activity concentration(Bq/L)		Remarks
																		Radioactive cesium		
	No.	Water Area		Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Salinity (‰)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Coastal areas	210	Neighboring sea area of Soso	Approx. 2,000 m offshore of Mano River	Surface layer	2024/5/14	Sunny	18.8	19.5	15.6	0.5	Dark grayish green	None	5.5	33.9	2	0.6	< 0.60	< 0.71	
				Deep layer					15.0	18.5	-	None		34.2	4	0.8	< 0.38	< 0.55	
				Surface layer	2024/6/6	Sunny	21.8	19.1	19.3	0.5	Dark grayish yellowish green	None	3.0	32.4	3	2.0	< 0.55	< 0.61	
				Deep layer					16.6	18.1	-	None		34.2	7	3.6	< 0.68	< 0.55	
				Surface layer	2024/7/10	Sunny	26.5	18.5	19.3	0.5	Dark grayish bluish green	None	5.5	34.1	4	0.7	< 0.57	< 0.55	
				Deep layer					15.6	17.5	-	None		34.2	5	0.3	< 0.66	< 0.55	
				Surface layer	2024/8/6	Sunny	33.9	18.5	26.0	0.5	Dark grayish green	None	7.0	33.0	1	0.4	< 0.55	< 0.58	
				Deep layer					19.9	17.5	-	None		33.9	1	0.5	< 0.53	< 0.58	
				Surface layer	2024/9/10	Sunny	29.0	19.1	26.5	0.5	Dark grayish bluish green	None	7.5	30.6	1	0.8	< 0.50	< 0.55	
				Deep layer					23.7	18.1	-	None		33.5	1	0.3	< 0.61	< 0.55	
				Surface layer	2024/10/8	Cloudy	19.9	18.6	22.4	0.5	Dark grayish green	None	4.0	31.4	3	1.0	< 0.61	< 0.55	
				Deep layer					23.3	17.6	-	None		33.7	3	1.0	< 0.59	< 0.55	
				Surface layer	2024/11/8	Sunny	11.5	19.6	19.3	0.5	Dark grayish green	None	6.8	33.2	3	0.9	< 0.61	< 0.58	
				Deep layer					19.6	18.6	-	None		33.4	3	0.9	< 0.57	< 0.45	
				Surface layer	2024/12/3	Sunny	18.3	19.6	18.7	0.5	Dark grayish bluish green	None	6.5	34.4	3	0.8	< 0.57	< 0.51	
				Deep layer					18.5	18.6	-	None		34.3	4	1.0	< 0.64	< 0.58	
				Surface layer	2025/1/7	Sunny	8.2	19.8	14.0	0.5	Dark grayish green	None	7.0	34.5	<1	0.4	< 0.69	< 0.61	
				Deep layer					13.0	18.8	-	None		34.5	<1	0.5	< 0.77	< 0.68	
				Surface layer	2025/2/3	Cloudy	9.9	18.2	11.6	0.5	Dark grayish blue green	None	8.3	34.5	5	1.6	< 0.58	< 0.74	
				Deep layer					11.5	17.2	-	None		34.5	3	0.8	< 0.56	< 0.58	
	211	Neighboring sea area of Haramachi City (Present: Haramachi ward, Minamisoma City)	Approx. 1,000 m offshore of Niida River	Surface layer	2024/5/14	Sunny	15.0	8.9	14.7	0.5	Dark grayish green	None	2.5	34.0	6	2.0	< 0.55	< 0.61	
				Deep layer					14.4	7.9	-	None		34.3	14	4.8	< 0.61	< 0.61	
				Surface layer	2024/6/6	Cloudy	20.2	7.8	18.9	0.5	Dark grayish yellow green	None	1.8	32.8	12	4.1	< 0.61	< 0.55	
				Deep layer					18.4	6.8	-	None		32.9	23	5.6	< 0.70	< 0.49	
				Surface layer	2024/7/10	Sunny	24.4	7.4	19.5	0.5	Dark grayish green	None	5.8	33.9	4	0.6	< 0.60	< 0.71	
				Deep layer					17.6	6.4	-	None		34.1	3	0.6	< 0.60	< 0.64	
				Surface layer	2024/8/6	Sunny	32.7	7.8	25.6	0.5	Dark grayish green	None	3.5	32.4	3	1.2	< 0.65	< 0.63	
				Deep layer					22.7	6.8	-	None		33.5	12	3.3	< 0.57	< 0.58	
				Surface layer	2024/9/10	Sunny	28.0	8.3	26.3	0.5	Dark grayish yellowish green	None	5.6	31.2	2	0.8	< 0.62	< 0.66	
				Deep layer					25.4	7.3	-	None		32.9	2	0.8	< 0.65	< 0.66	
				Surface layer	2024/10/8	Cloudy	19.5	7.6	23.0	0.5	Dark grayish yellow green	None	3.0	31.8	5	1.6	< 0.57	< 0.52	
				Deep layer					23.3	6.6	-	None		32.4	2	0.8	< 0.52	< 0.58	
				Surface layer	2024/11/8	Sunny	10.4	8.4	18.0	0.5	Dark grayish green	None	5.5	32.5	3	0.9	< 0.57	< 0.63	
				Deep layer					18.3	7.4	-	None		32.8	7	0.8	< 0.57	< 0.45	
				Surface layer	2024/12/3	Sunny	18.3	8.4	17.9	0.5	Dark grayish bluish green	None	7.0	34.0	3	0.8	< 0.59	< 0.48	
				Deep layer					17.6	7.4	-	None		34.1	4	0.9	< 0.50	< 0.52	
				Surface layer	2025/1/7	Sunny	7.7	9.0	12.8	0.5	Dark grayish yellowish green	None	5.5	33.8	1	0.8	< 0.42	< 0.63	
				Deep layer					13.0	8.0	-	None		34.5	<1	0.8	< 0.71	< 0.61	
				Surface layer	2025/2/3	Cloudy	10.1	7.9	10.7	0.5	Dark grayish green	None	5.0	33.5	3	1.1	< 0.52	< 0.63	
				Deep layer					10.8	6.9	-	None		34.4	8	1.1	< 0.57	< 0.68	

Fukushima Coastal(Water) 3/8

	No.	Water Area		Surface layer/ Deep layer	Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water: General items: Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Salinity (‰)	SS (mg/L)	Turbidity (FNU)	Activity concentration(Bq/L): Radioactive cesium: Cs-134	Cs-137	Remarks
Coastal areas	212	Neighboring sea area of Haramachi City (Present: Haramachi ward, Minamisoma City)	Approx. 1,000 m offshore of Ota River	Surface layer	2024/5/14	Cloudy	15.4	10.6	14.8	0.5	Dark grayish green	None	2.5	33.9	6	1.4	< 0.66	< 0.61	
				Deep layer					14.6	9.6	-	None		34.2	6	0.9	< 0.66	< 0.74	
				Surface layer	2024/6/6	Cloudy	22.0	9.9	19.1	0.5	Dark grayish yellowish green	None	3.0	32.7	2	2.0	< 0.57	< 0.58	
				Deep layer					17.2	8.9	-	None		33.7	13	3.3	< 0.65	< 0.61	
				Surface layer	2024/7/10	Cloudy	23.0	9.9	19.8	0.5	Dark grayish bluish green	None	7.5	33.9	3	0.7	< 0.55	< 0.37	
				Deep layer					18.5	8.9	-	None		34.0	3	0.5	< 0.54	< 0.55	
				Surface layer	2024/8/6	Sunny	33.8	9.9	25.2	0.5	Dark grayish bluish green	None	5.0	33.0	2	0.8	< 0.65	< 0.58	
				Deep layer					22.1	8.9	-	None		33.6	2	0.7	< 0.65	< 0.61	
				Surface layer	2024/9/10	Sunny	28.0	10.3	26.1	0.5	Dark grayish yellowish green	None	8.4	31.2	1	0.7	< 0.50	< 0.58	
				Deep layer					25.0	9.3	-	None		33.2	2	0.7	< 0.57	< 0.55	
				Surface layer	2024/10/8	Cloudy	19.6	10.1	22.6	0.5	Dark grayish blue green	None	3.0	30.8	5	1.6	< 0.57	< 0.74	
				Deep layer					23.1	9.1	-	None		32.4	4	1.0	< 0.64	< 0.58	
				Surface layer	2024/11/8	Sunny	10.6	10.7	17.9	0.5	Dark grayish green	None	6.5	32.6	4	0.9	< 0.59	< 0.61	
				Deep layer					18.1	9.7	-	None		32.8	5	0.9	< 0.50	< 0.70	
				Surface layer	2024/12/3	Sunny	18.3	10.8	18.5	0.5	Dark grayish yellowish green	None	6.5	34.3	4	0.8	< 0.67	< 0.66	
				Deep layer					18.5	9.8	-	None		34.3	4	1.0	< 0.64	< 0.51	
				Surface layer	2025/1/7	Sunny	7.8	10.7	13.3	0.5	Dark grayish green	None	7.5	34.4	<1	0.7	< 0.61	< 0.61	
				Deep layer					12.9	9.7	-	None		34.5	2	0.7	< 0.67	< 0.61	
				Surface layer	2025/2/3	Cloudy	8.0	9.9	10.0	0.5	Dark grayish green	None	4.5	34.2	5	1.6	< 0.62	< 0.58	
				Deep layer					10.2	8.9	-	None		34.2	9	1.8	< 0.67	< 0.63	
	213	Neighboring sea area of Soso	Approx. 1,000 m offshore of Odaka River	Surface layer	2024/5/15	Sunny	21.8	10.4	16.6	0.5	Dark grayish green	None	4.3	33.7	3	1.2	< 0.65	< 0.58	
				Deep layer					15.5	9.4	-	None		34.0	4	0.9	< 0.65	< 0.58	
				Surface layer	2024/6/7	Cloudy	17.8	9.8	18.8	0.5	Dark grayish yellowish green	None	3.5	32.8	2	1.4	< 0.61	< 0.64	
				Deep layer					18.1	8.8	-	None		33.1	5	2.2	< 0.66	< 0.58	
				Surface layer	2024/7/11	Light Rain	23.2	10.9	19.7	0.5	Dark grayish bluish green	None	5.8	32.9	3	1.7	< 0.62	< 0.51	
				Deep layer					17.3	9.9	-	None		34.2	3	0.5	< 0.55	< 0.74	
				Surface layer	2024/8/7	Cloudy	28.7	10.0	25.6	0.5	Dark grayish bluish green	None	5.5	33.1	2	0.8	< 0.60	< 0.61	
				Deep layer					22.0	9.0	-	None		33.6	1	0.6	< 0.36	< 0.58	
				Surface layer	2024/9/11	Sunny	33.0	10.4	26.5	0.5	Dark grayish blue green	None	>10.4	32.3	2	0.6	< 0.54	< 0.58	
				Deep layer					25.0	9.4	-	None		33.3	1	0.3	< 0.46	< 0.58	
				Surface layer	2024/10/15	Sunny	33.0	11.1	21.3	0.5	Dark grayish green	None	3.0	31.7	3	1.5	< 0.53	< 0.58	
				Deep layer					22.2	10.1	-	None		32.9	7	2.6	< 0.59	< 0.48	
				Surface layer	2024/11/8	Cloudy	14.2	10.9	18.5	0.5	Dark grayish green	None	5.8	32.9	3	0.8	< 0.55	< 0.61	
				Deep layer					18.5	9.9	-	None		32.9	4	1.0	< 0.59	< 0.55	
				Surface layer	2024/12/4	Cloudy	14.5	10.5	18.8	0.5	Dark grayish bluish green	None	6.5	34.4	3	0.8	< 0.63	< 0.45	
				Deep layer					18.8	9.5	-	None		34.4	3	0.7	< 0.59	< 0.66	
				Surface layer	2025/1/15	Sunny	5.8	11.0	11.2	0.5	Dark grayish yellow green	None	2.0	34.4	9	2.7	< 0.57	< 0.55	
				Deep layer					11.2	10.0	-	None		34.4	13	3.2	< 0.57	< 0.51	
				Surface layer	2025/2/4	Sunny	11.8	10.8	10.8	0.5	Dark grayish bluish green	None	4.5	34.3	3	1.2	< 0.69	< 0.55	
				Deep layer					10.9	9.8	-	None		34.3	4	1.1	< 0.62	< 0.69	

Fukushima Coastal(Water) 4/8

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water											
									General items									Activity concentration(Bq/L)		Remarks
	No.	Water Area		Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Salinity (‰)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium		
																	Cs-134	Cs-137	
Coastal areas	214	Neighboring sea area of Soso	Approx. 2,000 m offshore of Ukedo River	Surface layer	2024/5/15	Sunny	24.5	15.3	16.1	0.5	Dark grayish yellowish green	None	6.0	34.1	2	0.7	< 0.69	< 0.68	
				Deep layer					15.2	14.3	-	None		34.2	8	1.3	< 0.64	< 0.55	
				Surface layer	2024/6/7	Cloudy	19.5	15.0	18.6	0.5	Dark grayish yellowish green	None	3.5	33.0	3	1.3	< 0.54	< 0.58	
				Deep layer					16.8	14.0	-	None		34.1	20	6.5	< 0.57	< 0.63	
				Surface layer	2024/7/11	Cloudy	24.0	15.4	20.7	0.5	Dark grayish bluish green	None	10.5	33.7	4	0.3	< 0.71	< 0.66	
				Deep layer					16.9	14.4	-	None		34.2	4	0.6	< 0.60	< 0.55	
				Surface layer	2024/8/7	Sunny	28.5	14.6	25.9	0.5	Dark grayish blue green	None	11.0	33.1	3	0.4	< 0.55	< 0.71	
				Deep layer					19.9	13.6	-	None		33.9	1	0.6	< 0.68	< 0.64	
				Surface layer	2024/9/11	Sunny	33.0	15.4	26.0	0.5	Grayish green	None	12.5	32.8	<1	0.4	< 0.63	< 0.63	
				Deep layer					23.2	14.4	-	None		33.7	5	0.4	< 0.63	< 0.55	
				Surface layer	2024/10/15	Sunny	25.1	15.0	21.9	0.5	Dark grayish yellowish green	None	2.5	32.2	5	2.2	< 0.46	< 0.71	
				Deep layer					21.9	14.0	-	None		32.6	16	5.6	< 0.62	< 0.64	
				Surface layer	2024/11/8	Sunny	14.8	15.3	18.9	0.5	Dark grayish bluish green	None	8.0	33.2	3	0.6	< 0.63	< 0.58	
				Deep layer					19.0	14.3	-	None		33.3	1	0.7	< 0.64	< 0.61	
				Surface layer	2024/12/4	Cloudy	14.5	16.4	18.5	0.5	Dark grayish yellowish green	None	6.0	34.3	7	0.7	< 0.67	< 0.58	
				Deep layer					18.5	15.4	-	None		34.3	3	0.7	< 0.59	< 0.71	
				Surface layer	2025/1/15	Cloudy	6.4	15.9	12.3	0.5	Dark grayish yellowish green	None	3.0	34.5	7	1.2	< 0.57	< 0.43	
				Deep layer					12.3	14.9	-	None		34.4	19	2.7	< 0.53	< 0.71	
				Surface layer	2025/2/4	Sunny	12.0	14.8	11.7	0.5	Grayish green	None	6.5	34.5	4	1.1	< 0.55	< 0.58	
				Deep layer					11.6	13.8	-	None		34.5	4	1.2	< 0.52	< 0.66	
	215		Approx. 1,000 m offshore of Kumagawa River	Surface layer	2024/5/15	Sunny	15.7	11.9	14.7	0.5	Dark grayish yellowish green	None	3.5	33.6	3	1.6	< 0.72	< 0.51	
				Deep layer					14.6	10.9	-	None		34.2	6	1.3	< 0.62	< 0.55	
				Surface layer	2024/6/7	Cloudy	19.1	11.4	18.7	0.5	Dark grayish green	None	4.3	33.1	3	1.4	< 0.65	< 0.61	
				Deep layer					17.2	10.4	-	None		33.9	19	6.7	< 0.65	< 0.58	
				Surface layer	2024/7/11	Light Rain	21.8	11.4	19.8	0.5	Dark grayish blue green	None	10.2	33.9	3	0.5	< 0.67	< 0.63	
				Deep layer					17.7	10.4	-	None		34.1	11	0.8	< 0.57	< 0.66	
				Surface layer	2024/8/7	Sunny	26.8	11.9	24.9	0.5	Dark grayish blue green	None	7.0	33.3	2	0.7	< 0.60	< 0.55	
				Deep layer					19.5	10.9	-	None		33.9	2	0.9	< 0.58	< 0.42	
				Surface layer	2024/9/11	Sunny	26.2	11.5	25.2	0.5	Dark grayish blue green	None	>11.5	33.0	3	0.6	< 0.73	< 0.47	
				Deep layer					23.4	10.5	-	None		33.7	2	0.4	< 0.62	< 0.55	
				Surface layer	2024/10/15	Sunny	24.5	12.1	22.2	0.5	Grayish yellowish green	None	2.5	32.6	6	2.6	< 0.55	< 0.66	
				Deep layer					22.2	11.1	-	None		33.0	4	1.6	< 0.71	< 0.66	
				Surface layer	2024/11/13	Sunny	17.4	12.3	20.4	0.5	Dark grayish green	None	6.5	33.9	4	0.7	< 0.65	< 0.47	
				Deep layer					20.3	11.3	-	None		33.9	10	0.9	< 0.59	< 0.58	
				Surface layer	2024/12/4	Sunny	15.8	12.1	18.2	0.5	Dark grayish green	None	6.0	34.3	4	1.0	< 0.67	< 0.58	
				Deep layer					18.2	11.1	-	None		34.3	6	1.0	< 0.71	< 0.61	
				Surface layer	2025/1/15	Light Rain	5.2	11.6	14.5	0.5	Dark grayish bluish green	None	4.0	34.6	5	0.7	< 0.55	< 0.64	
				Deep layer					14.1	10.6	-	None		34.5	9	1.2	< 0.62	< 0.69	
				Surface layer	2025/2/4	Cloudy	5.2	12.1	12.7	0.5	Dark grayish blue green	None	8.2	34.6	2	0.6	< 0.50	< 0.64	
				Deep layer					12.1	11.1	-	None		34.5	19	1.9	< 0.54	< 0.66	

Fukushima Coastal(Water) 5/8

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water											
									General items									Activity concentration(Bq/L)		Remarks
	No.	Water Area		Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Salinity (‰)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium		
																	Cs-134	Cs-137	
Coastal areas	216	Neighboring sea area of Soso	Approx. 1,000 m offshore of Tomioka River	Surface layer	2024/5/15	Sunny	19.8	10.1	14.4	0.5	Dark grayish yellowish green	None	2.0	33.6	7	3.2	< 0.58	< 0.45	
				Deep layer					14.0	9.1	-	None		34.0	12	2.9	< 0.48	< 0.61	
				Surface layer	2024/6/7	Cloudy	21.2	9.6	18.7	0.5	Dark grayish green	None	4.0	33.2	2	1.3	< 0.58	< 0.67	
				Deep layer					18.3	8.6	-	None		33.3	3	1.7	< 0.70	< 0.69	
				Surface layer	2024/7/11	Light Rain	22.2	9.6	20.0	0.5	Dark grayish bluish green	None	8.0	33.6	3	0.6	< 0.64	< 0.48	
				Deep layer					18.3	8.6	-	None		34.1	2	0.5	< 0.48	< 0.68	
				Surface layer	2024/8/7	Cloudy	26.3	10.2	24.3	0.5	Dark grayish blue green	None	7.0	33.4	3	1.0	< 0.62	< 0.51	
				Deep layer					20.5	9.2	-	None		33.8	2	0.8	< 0.64	< 0.58	
				Surface layer	2024/9/11	Sunny	27.0	9.9	25.1	0.5	Dark grayish yellowish green	None	>9.9	33.2	2	0.5	< 0.55	< 0.55	
				Deep layer					24.0	8.9	-	None		33.6	3	0.4	< 0.55	< 0.61	
				Surface layer	2024/10/15	Sunny	23.2	10.5	22.1	0.5	Dark grayish green	None	2.5	32.6	5	2.5	< 0.60	< 0.66	
				Deep layer					22.1	9.5	-	None		32.8	8	3.7	< 0.42	< 0.61	
				Surface layer	2024/11/13	Sunny	16.6	10.9	20.1	0.5	Grayish yellowish green	None	4.8	33.8	6	0.9	< 0.59	< 0.61	
				Deep layer					19.8	9.9	-	None		33.8	10	1.5	< 0.69	< 0.58	
				Surface layer	2024/12/4	Sunny	15.8	10.5	18.3	0.5	Dark grayish green	None	4.5	34.3	5	1.0	< 0.64	< 0.66	
				Deep layer					18.3	9.5	-	None		34.3	6	1.0	< 0.50	< 0.58	
				Surface layer	2025/1/15	Cloudy	4.2	10.7	14.7	0.5	Dark grayish yellowish green	None	4.3	34.6	6	0.8	< 0.64	< 0.61	
				Deep layer					14.7	9.7	-	None		34.6	4	0.8	< 0.62	< 0.55	
				Surface layer	2025/2/4	Sunny	4.0	10.1	13.1	0.5	Dark grayish green	None	7.6	34.6	1	0.5	< 0.62	< 0.58	
				Deep layer					12.9	9.1	-	None		34.6	22	0.9	< 0.64	< 0.64	
	217		Approx. 1,000 m offshore of Kidogawa River	Surface layer	2024/5/16	Light Rain	17.4	9.2	14.9	0.5	Dark grayish yellowish green	None	2.2	32.2	6	2.3	< 0.62	< 0.55	
				Deep layer					14.1	8.2	-	None		34.1	7	1.6	< 0.62	< 0.52	
				Surface layer	2024/6/21	Cloudy	22.5	10.2	19.3	0.5	Dark grayish yellow green	None	5.0	33.1	2	1.1	< 0.59	< 0.61	
				Deep layer					16.4	9.2	-	None		34.3	6	1.0	< 0.65	< 0.71	
				Surface layer	2024/7/24	Sunny	27.8	9.4	21.1	0.5	Dark grayish yellowish green	None	7.0	33.4	1	1.0	< 0.55	< 0.55	
				Deep layer					17.8	8.4	-	None		33.9	2	0.7	< 0.62	< 0.51	
				Surface layer	2024/8/21	Cloudy	25.5	10.8	27.6	0.5	Dark grayish yellow green	None	5.5	32.1	3	1.3	< 0.53	< 0.42	
				Deep layer					27.1	9.8	-	None		33.1	3	1.0	< 0.47	< 0.47	
				Surface layer	2024/9/19	Light Rain	23.2	9.6	25.8	0.5	Dark grayish yellowish green	None	7.0	32.1	3	0.5	< 0.50	< 0.58	
				Deep layer					25.1	8.6	-	None		32.8	5	0.7	< 0.55	< 0.55	
				Surface layer	2024/10/21	Sunny	10.5	11.3	20.9	0.5	Dark grayish green	None	2.5	33.2	4	1.6	< 0.55	< 0.61	
				Deep layer					21.5	10.3	-	None		33.5	16	6.0	< 0.45	< 0.58	
				Surface layer	2024/11/22	Sunny	16.8	9.7	21.0	0.5	Dark grayish green	None	9.5	34.2	<1	0.4	< 0.64	< 0.71	
				Deep layer					20.9	8.7	-	None		34.2	4	0.6	< 0.46	< 0.55	
				Surface layer	2024/12/18	Sunny	5.4	9.4	16.4	0.5	Dark grayish green	None	8.5	34.1	1	0.5	< 0.54	< 0.66	
				Deep layer					16.8	8.4	-	None		34.4	3	0.6	< 0.53	< 0.69	
				Surface layer	2025/1/25	Sunny	10.2	9.2	12.5	0.5	Dark grayish yellowish green	None	3.0	34.4	6	1.8	< 0.62	< 0.63	
				Deep layer					12.9	8.2	-	None		34.5	6	0.9	< 0.57	< 0.58	
				Surface layer	2025/2/12	Cloudy	6.9	11.1	12.3	0.5	Dark grayish yellowish green	None	7.0	34.3	1	0.9	< 0.45	< 0.66	
				Deep layer					12.4	10.1	-	None		34.6	2	0.8	< 0.57	< 0.71	

Fukushima Coastal(Water) 6/8

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water											Remarks
									General items									Activity concentration(Bq/L)		
	No.	Water Area		Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Salinity (‰)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium			
																	Cs-134		Cs-137	
Coastal areas	218	Neighboring sea area of Soso	Approx. 1,000 m offshore of Asami River Estuary	Surface layer	2024/5/16	Light Rain	16.4	10.5	15.5	0.5	Dark grayish green	None	3.0	33.5	4	1.5	< 0.67	<	0.66	
				Deep layer					14.2	9.5	-	None		34.1	4	1.1	< 0.67	<	0.61	
				Surface layer	2024/6/21	Cloudy	22.5	9.7	19.4	0.5	Dark grayish yellowish green	None	5.0	34.0	2	0.9	< 0.50	<	0.55	
				Deep layer					16.3	8.7	-	None		34.3	8	0.8	< 0.63	<	0.58	
				Surface layer	2024/7/24	Sunny	30.0	10.5	22.7	0.5	Dark grayish yellowish green	None	6.5	33.3	2	1.2	< 0.53	<	0.58	
				Deep layer					18.6	9.5	-	None		33.9	4	0.9	< 0.63	<	0.45	
				Surface layer	2024/8/21	Cloudy	25.7	10.7	27.2	0.5	Dark grayish yellowish green	None	4.3	32.6	3	1.1	< 0.67	<	0.66	
				Deep layer					26.9	9.7	-	None		33.2	4	1.0	< 0.62	<	0.47	
				Surface layer	2024/9/19	Light Rain	23.4	10.4	25.9	0.5	Dark grayish yellowish green	None	8.0	32.4	2	0.3	< 0.48	<	0.61	
				Deep layer					24.2	9.4	-	None		33.3	3	0.4	< 0.57	<	0.61	
				Surface layer	2024/10/21	Sunny	10.7	10.3	21.2	0.5	Dark grayish green	None	2.5	33.5	8	1.9	< 0.52	<	0.63	
				Deep layer					21.2	9.3	-	None		33.5	9	2.4	< 0.66	<	0.63	
				Surface layer	2024/11/22	Sunny	17.0	9.9	21.0	0.5	Dark grayish green	None	9.0	34.2	3	0.6	< 0.66	<	0.55	
				Deep layer					20.5	8.9	-	None		34.2	6	1.0	< 0.64	<	0.69	
				Surface layer	2024/12/18	Sunny	6.0	9.7	16.9	0.5	Dark grayish blue green	None	9.0	34.5	1	0.4	< 0.67	<	0.58	
				Deep layer					16.9	8.7	-	None		34.5	3	0.5	< 0.62	<	0.58	
				Surface layer	2025/1/25	Cloudy	10.5	9.9	13.2	0.5	Dark grayish green	None	4.0	34.5	4	1.0	< 0.57	<	0.55	
				Deep layer					13.2	8.9	-	None		34.5	7	1.1	< 0.52	<	0.55	
				Surface layer	2025/2/12	Cloudy	6.7	10.0	12.4	0.5	Dark grayish yellowish green	None	8.0	34.6	1	0.6	< 0.55	<	0.61	
				Deep layer					11.7	9.0	-	None		34.5	3	1.0	< 0.71	<	0.64	
	219	Neighboring sea area of Iwaki City	Approx. 1,000 m offshore of Ohisa River Estuary	Surface layer	2024/5/16	Cloudy	21.3	10.8	15.5	0.5	Dark grayish green	None	3.7	33.7	3	1.2	< 0.64	<	0.68	
				Deep layer					13.9	9.8	-	None		34.1	8	1.6	< 0.57	<	0.61	
				Surface layer	2024/6/21	Cloudy	22.0	9.6	17.8	0.5	Dark grayish yellowish green	None	2.8	34.2	6	2.1	< 0.64	<	0.58	
				Deep layer					15.4	8.6	-	None		34.4	3	0.7	< 0.64	<	0.61	
				Surface layer	2024/7/24	Sunny	32.2	10.4	22.6	0.5	Dark grayish bluish green	None	7.5	33.3	1	0.8	< 0.59	<	0.47	
				Deep layer					19.6	9.4	-	None		33.8	3	0.5	< 0.58	<	0.47	
				Surface layer	2024/8/21	Cloudy	25.9	9.3	27.3	0.5	Dark grayish bluish green	None	5.3	32.8	4	0.8	< 0.58	<	0.61	
				Deep layer					27.3	8.3	-	None		32.9	4	1.0	< 0.58	<	0.66	
				Surface layer	2024/9/19	Light Rain	24.2	10.1	25.7	0.5	Dark grayish green	None	7.0	32.3	2	0.3	< 0.50	<	0.48	
				Deep layer					24.8	9.1	-	None		33.0	2	0.3	< 0.57	<	0.48	
				Surface layer	2024/10/22	Sunny	21.3	10.8	22.2	0.5	Dark grayish blue green	None	10.1	33.2	<1	0.7	< 0.69	<	0.48	
				Deep layer					22.3	9.8	-	None		33.8	4	1.0	< 0.59	<	0.63	
				Surface layer	2024/11/20	Cloudy	5.9	10.9	20.6	0.5	Dark grayish bluish green	None	7.0	34.2	3	0.5	< 0.53	<	0.52	
				Deep layer					20.6	9.9	-	None		34.2	3	0.4	< 0.63	<	0.55	
				Surface layer	2024/12/18	Sunny	10.3	10.0	17.2	0.5	Dark grayish blue green	None	>10.0	34.5	2	0.5	< 0.64	<	0.55	
				Deep layer					17.1	9.0	-	None		34.5	2	0.5	< 0.55	<	0.63	
				Surface layer	2025/1/24	Sunny	10.3	10.9	13.8	0.5	Dark grayish blue green	None	4.8	34.6	3	0.6	< 0.68	<	0.55	
				Deep layer					13.7	9.9	-	None		34.6	3	0.7	< 0.52	<	0.61	
				Surface layer	2025/2/12	Cloudy	8.0	10.8	11.7	0.5	Dark grayish green	None	6.5	34.5	3	0.6	< 0.69	<	0.58	
				Deep layer					11.6	9.8	-	None		34.5	4	0.9	< 0.64	<	0.58	

Fukushima Coastal(Water) 7/8

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water											
									General items									Activity concentration(Bq/L)		Remarks
																		Radioactive cesium		
	No.	Water Area		Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Salinity (‰)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137	
Coastal areas	220	Neighboring sea area of Iwaki City	Approx. 1,500 m offshore of Natsui River	Surface layer	2024/5/22	Cloudy	14.5	16.6	16.8	0.5	Dark grayish green	None	8.4	34.2	<1	0.4	< 0.70	< 0.51	
				Deep layer					14.3	15.6	-	None		34.4	2	0.9	< 0.64	< 0.64	
				Surface layer	2024/6/20	Sunny	26.1	16.8	20.5	0.5	Dark grayish green	None	11.5	34.3	1	0.4	< 0.65	< 0.58	
				Deep layer					16.1	15.8	-	None		34.4	1	0.6	< 0.57	< 0.47	
				Surface layer	2024/7/23	Sunny	30.0	17.4	22.5	0.5	Dark grayish bluish green	None	10.0	33.4	3	1.0	< 0.66	< 0.58	
				Deep layer					19.6	16.4	-	None		33.8	2	0.6	< 0.69	< 0.66	
				Surface layer	2024/8/20	Cloudy	26.3	16.8	27.0	0.5	Dark grayish green	None	9.0	33.6	1	0.5	< 0.57	< 0.58	
				Deep layer					26.0	15.8	-	None		33.6	5	0.8	< 0.69	< 0.66	
				Surface layer	2024/9/18	Sunny	26.6	16.7	25.3	0.5	Dark grayish blue green	None	9.0	33.2	1	0.2	< 0.50	< 0.66	
				Deep layer					24.7	15.7	-	None		33.4	5	0.5	< 0.65	< 0.43	
				Surface layer	2024/10/21	Cloudy	19.8	17.2	22.2	0.5	Dark grayish blue green	None	11.5	33.6	1	0.5	< 0.55	< 0.40	
				Deep layer					22.1	16.2	-	None		33.8	2	0.5	< 0.45	< 0.68	
				Surface layer	2024/11/20	Cloudy	9.6	16.6	20.8	0.5	Dark grayish green	None	9.0	33.9	2	0.6	< 0.62	< 0.63	
				Deep layer					20.4	15.6	-	None		34.2	3	0.5	< 0.71	< 0.66	
				Surface layer	2024/12/17	Sunny	7.2	17.6	17.1	0.5	Dark grayish bluish green	None	8.5	33.5	<1	0.3	< 0.68	< 0.51	
				Deep layer					18.1	16.6	-	None		34.5	1	0.4	< 0.58	< 0.55	
				Surface layer	2025/1/20	Cloudy	6.4	17.3	14.7	0.5	Dark grayish green	None	7.5	34.6	3	0.3	< 0.63	< 0.73	
				Deep layer					14.7	16.3	-	None		34.6	3	0.3	< 0.57	< 0.58	
				Surface layer	2025/2/12	Cloudy	3.2	17.3	13.2	0.5	Dark grayish bluish green	None	12.0	34.6	<1	0.4	< 0.67	< 0.66	
				Deep layer					13.0	16.3	-	None		34.6	2	0.4	< 0.59	< 0.66	
	221	Onahama Port	Approx. 400 m north of West breakwater No. 2	Surface layer	2024/5/22	Sunny	20.5	15.3	18.7	0.5	Dark grayish green	None	3.0	28.1	6	3.8	< 0.61	< 0.55	
				Deep layer					14.5	14.3	-	None		34.3	2	0.9	< 0.57	< 0.61	
				Surface layer	2024/6/20	Sunny	22.0	15.0	22.7	0.5	Dark grayish yellowish green	None	2.7	31.2	2	2.1	< 0.53	< 0.58	
				Deep layer					16.0	14.0	-	None		34.4	2	0.8	< 0.59	< 0.61	
				Surface layer	2024/7/23	Sunny	33.1	15.3	24.9	0.5	Dark grayish yellow green	None	2.5	32.4	5	2.3	< 0.53	< 0.66	
				Deep layer					17.6	14.3	-	None		34.0	8	2.1	< 0.57	< 0.45	
				Surface layer	2024/8/20	Sunny	29.0	15.2	27.0	0.5	Dark grayish yellow green	None	3.0	31.0	6	2.8	< 0.70	< 0.55	
				Deep layer					22.1	14.2	-	None		33.2	4	1.1	< 0.53	< 0.66	
				Surface layer	2024/9/18	Sunny	28.5	15.2	26.4	0.5	Dark grayish yellow green	None	3.0	28.7	4	1.9	< 0.57	< 0.61	
				Deep layer					23.8	14.2	-	None		33.7	2	0.8	< 0.69	< 0.66	
				Surface layer	2024/10/21	Sunny	17.2	15.8	22.1	0.5	Dark grayish green	None	5.7	33.1	2	0.9	< 0.42	< 0.58	
				Deep layer					21.3	14.8	-	None		33.9	2	0.8	< 0.61	< 0.58	
				Surface layer	2024/11/20	Cloudy	12.3	15.8	20.0	0.5	Dark grayish bluish green	None	7.0	33.6	2	1.5	< 0.59	< 0.58	
				Deep layer					20.1	14.8	-	None		33.8	3	1.3	< 0.53	< 0.55	
				Surface layer	2024/12/17	Sunny	9.4	15.8	15.3	0.5	Dark grayish bluish green	None	9.0	33.3	<1	0.9	< 0.65	< 0.55	
				Deep layer					16.6	14.8	-	None		34.2	3	1.4	< 0.65	< 0.55	
				Surface layer	2025/1/20	Cloudy	7.4	16.0	13.7	0.5	Dark grayish green	None	10.0	34.0	3	0.4	< 0.79	< 0.83	
				Deep layer					13.6	15.0	-	None		34.4	3	0.4	< 0.57	< 0.55	
				Surface layer	2025/2/12	Cloudy	6.2	15.7	11.0	0.5	Dark grayish green	None	8.5	32.5	2	0.9	< 0.64	< 0.66	
				Deep layer					12.1	14.7	-	None		34.6	1	0.6	< 0.59	< 0.66	

Fukushima Coastal(Water) 8/8

	Location				Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Water											
									General items									Activity concentration(Bq/L)		Remarks
	No.	Water Area		Surface layer/ Deep layer					Water temperature (℃)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Salinity (‰)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium		
																	Cs-134	Cs-137	
Coastal areas	222	Joban coastal sea area	Approx. 1,000 m offshore of Binda River	Surface layer	2024/5/22	Sunny	17.6	16.9	17.6	0.5	Dark grayish yellowish green	None	7.0	32.9	1	0.8	< 0.61	< 0.48	
				Deep layer					14.5	15.9	-	None		34.3	10	2.4	< 0.59	< 0.45	
				Surface layer	2024/6/20	Sunny	25.1	17.3	20.7	0.5	Dark grayish yellowish green	None	4.5	33.8	<1	0.6	< 0.64	< 0.47	
				Deep layer					17.0	16.3	-	None		34.3	<1	0.6	< 0.50	< 0.72	
				Surface layer	2024/7/23	Sunny	31.1	16.8	25.3	0.5	Dark grayish green	None	4.0	33.1	3	1.4	< 0.65	< 0.55	
				Deep layer					17.8	15.8	-	None		34.0	1	0.7	< 0.62	< 0.55	
				Surface layer	2024/8/20	Cloudy	28.0	16.8	26.7	0.5	Dark grayish green	None	3.7	32.5	4	1.9	< 0.65	< 0.51	
				Deep layer					23.6	15.8	-	None		33.7	2	0.8	< 0.65	< 0.51	
				Surface layer	2024/9/18	Cloudy	29.4	17.2	27.9	0.5	Dark grayish yellowish green	None	4.0	32.6	3	1.0	< 0.54	< 0.55	
				Deep layer					24.1	16.2	-	None		33.6	1	0.4	< 0.57	< 0.61	
				Surface layer	2024/10/21	Cloudy	22.8	17.5	22.5	0.5	Dark grayish blue green	None	12.5	33.3	3	1.2	< 0.52	< 0.58	
				Deep layer					22.5	16.5	-	None		33.8	<1	0.4	< 0.52	< 0.52	
				Surface layer	2024/11/20	Cloudy	10.5	17.5	20.5	0.5	Dark grayish green	None	9.0	34.0	3	0.5	< 0.65	< 0.64	
				Deep layer					20.5	16.5	-	None		34.1	3	0.6	< 0.62	< 0.37	
				Surface layer	2024/12/17	Sunny	12.5	18.0	16.7	0.5	Dark grayish green	None	11.5	34.1	<1	0.4	< 0.53	< 0.55	
				Deep layer					17.0	17.0	-	None		34.4	1	0.5	< 0.57	< 0.63	
				Surface layer	2025/1/20	Cloudy	10.2	18.3	15.0	0.5	Dark grayish blue green	None	15.0	34.6	2	0.3	< 0.58	< 0.74	
				Deep layer					14.5	17.3	-	None		34.6	2	0.4	< 0.58	< 0.66	
				Surface layer	2025/2/12	Cloudy	7.0	17.6	12.6	0.5	Dark grayish green	None	10.5	34.5	<1	0.5	< 0.69	< 0.55	
				Deep layer					12.6	16.6	-	None		34.6	<1	0.5	< 0.60	< 0.61	

Fukushima Coastal(Sediment) 1/3

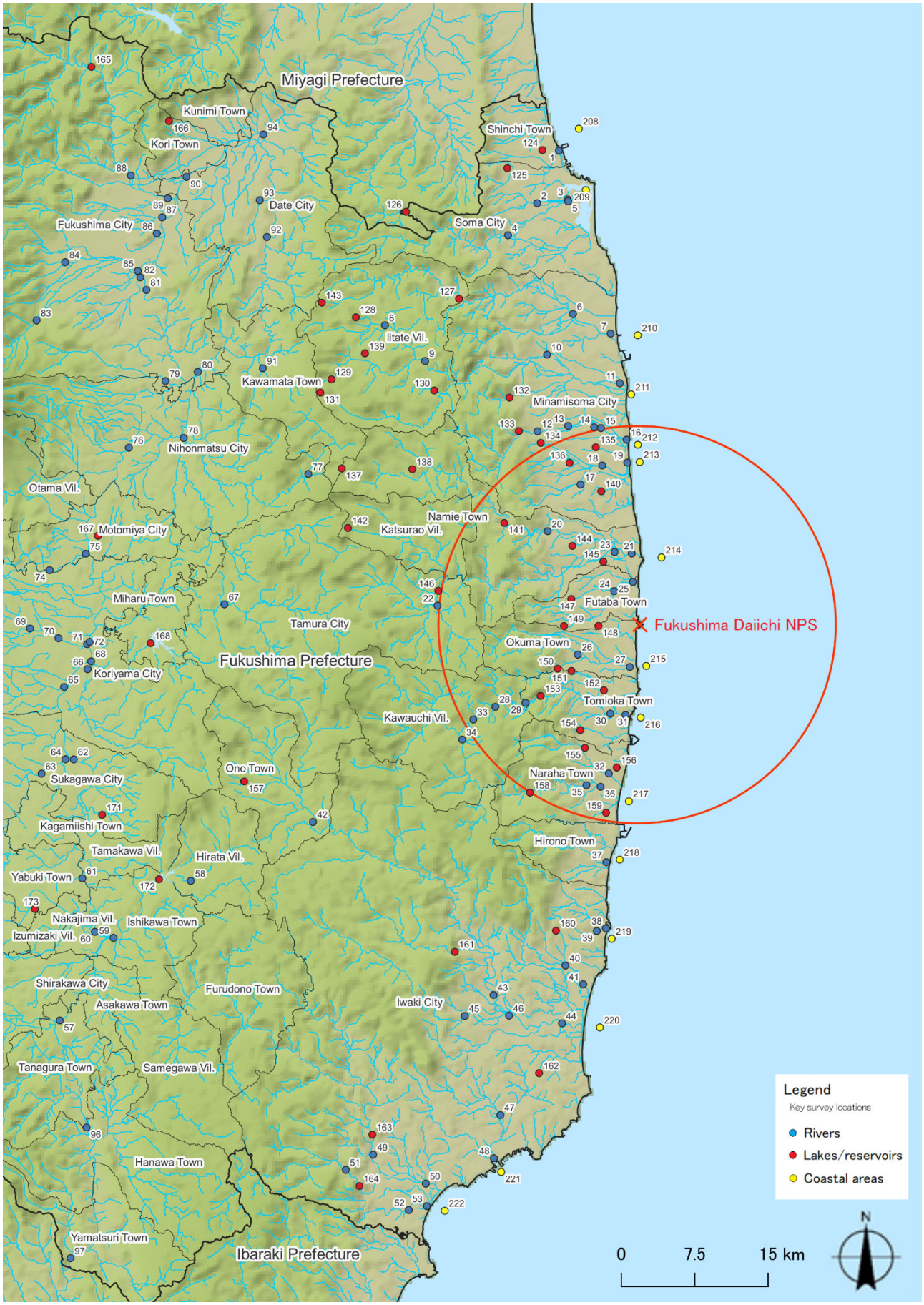
	Location			Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																				Remarks
									Sediment																			
									General items																Activity concentration [Bq/kg(dry)]			
													Grain size distribution(%)									Sediment content (%)	Density (Mg/m^3)	Property	Radioactive cesium			
	No.	Water Area						Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Coastal areas	208	Neighboring sea area of Soso	Approx. 2,000 m offshore of Tsurushihama Fishing Port	2024/5/14	Cloudy	18.2	14.3	15.0	9	Brownish black	None	0.0	0.0	0.1	0.1	5.0	78.5	9.8	6.5	73.1	2.68	sand	< 1.2	4.7 ± 0.49	4.7	
				2024/6/6	Sunny	26.2	13.7	17.3	6	Brownish black	None	0.0	0.0	0.1	0.2	16.4	77.5	3.6	2.2	80.1	2.73	sand	< 1.4	3.3 ± 0.55	3.3	
				2024/7/10	Cloudy	25.3	15.2	17.5	6	Brownish black	None	0.0	0.0	0.1	1.6	7.7	54.0	26.1	10.5	66.1	2.67	sand	< 2.3	19 ± 1.2	19	
				2024/8/6	Sunny	28.6	14.8	21.3	7	Brownish black	None	0.0	0.0	0.0	0.4	6.7	56.6	25.2	11.1	64.8	2.64	sand	< 2.8	27 ± 1.5	27	
				2024/9/10	Cloudy	26.5	14.7	23.0	10	Brownish black	None	0.0	1.8	2.3	4.8	15.9	60.9	6.9	7.4	74.2	2.70	sand	< 2.3	4.0 ± 0.81	4.0	
				2024/10/8	Light Rain	16.5	15.3	22.4	6	Brownish black	None	0.0	0.0	0.1	0.1	30.5	48.9	11.6	8.8	74.5	2.68	sand	< 2.3	16 ± 1.2	16	
				2024/11/6	Light Rain	9.2	15.0	20.0	6	Brownish black	None	0.0	0.0	0.0	0.1	7.0	69.4	13.7	9.8	77.7	2.68	sand	< 2.5	3.0 ± 0.87	3.0	
				2024/12/3	Sunny	11.3	14.9	14.9	7	Brownish black	None	0.0	0.0	0.0	1.4	54.3	40.4	2.7	1.2	82.5	2.72	sand	< 0.59	1.1 ± 0.20	1.1	
				2025/1/7	Sunny	7.7	14.8	11.6	10	Brownish black	None	0.0	0.0	0.0	0.3	28.6	56.9	5.6	8.6	73.4	2.68	sand	< 0.89	5.5 ± 0.38	5.5	
				2025/2/3	Cloudy	2.2	15.0	10.6	8	Brownish black	None	0.0	0.0	0.0	0.4	22.3	72.6	4.2	0.5	80.5	2.75	sand	< 0.91	1.1 ± 0.29	1.1	
	209	Matsukawaura sea area	Around center of Fishing Right Area-1	2024/5/14	Sunny	21.7	2.3	16.4	8	Dark grayish yellow	None	0.0	0.0	0.3	1.5	84.0	12.6	0.9	0.7	73.5	2.71	sand	< 5.6	28 ± 3.3	28	
				2024/6/6	Sunny	21.3	2.2	22.0	6	Dark grayish yellow	None	0.0	0.6	3.9	21.1	71.5	2.4	0.2	0.3	80.3	2.69	sand	< 0.75	3.4 ± 0.27	3.4	
				2024/7/10	Cloudy	26.8	2.1	19.7	10	Dark grayish yellow	None	0.0	0.0	1.0	8.0	86.5	3.1	0.9	0.5	74.1	2.72	sand	< 0.85	17 ± 0.52	17	
				2024/8/6	Sunny	31.5	2.2	26.8	7	Dark grayish yellow	None	0.0	0.7	8.5	32.0	57.3	0.8	0.1	0.6	79.3	2.70	sand	< 0.92	4.2 ± 0.37	4.2	
				2024/9/10	Cloudy	27.6	2.1	25.7	10	Dark grayish yellow	None	0.0	0.1	0.2	1.6	90.2	6.8	0.4	0.7	78.3	2.74	sand	< 1.2	17 ± 0.71	17	
				2024/10/8	Light Rain	17.8	2.3	22.5	10	Dark grayish yellow	None	0.0	0.0	0.8	4.1	88.2	5.8	0.6	0.5	76.8	2.71	sand	< 1.3	13 ± 0.69	13	
				2024/11/6	Light Rain	9.1	2.3	18.8	10	Dark grayish yellow	None	0.0	0.1	0.2	1.4	90.5	6.4	0.9	0.5	77.3	2.71	sand	< 1.4	22 ± 0.91	22	
				2024/12/3	Sunny	14.4	2.6	15.1	7	Dark grayish yellow	None	0.0	0.0	0.2	0.8	60.6	36.2	1.2	1.0	77.7	2.73	sand	< 1.7	23 ± 0.99	23	
				2025/1/7	Sunny	7.8	2.2	10.3	10	Dark grayish yellow	None	0.0	0.0	0.2	1.5	91.0	6.0	0.6	0.7	74.9	2.72	sand	< 1.8	26 ± 1.2	26	
				2025/2/3	Cloudy	1.9	2.2	9.2	9	Dark grayish yellow	None	0.0	0.0	0.1	0.3	86.3	12.5	0.6	0.2	75.3	2.72	sand	< 2.2	26 ± 1.3	26	
	210	Neighboring sea area of Soso	Approx. 2,000 m offshore of Mano River	2024/5/14	Sunny	18.8	19.5	15.0	3	Brownish black	None	0.0	0.0	0.0	0.1	10.0	75.7	4.8	9.4	77.9	2.71	sand	< 5.5	6.8 ± 2.0	6.8	
				2024/6/6	Sunny	21.8	19.1	17.1	4	Brownish black	None	0.0	0.0	0.0	0.0	5.1	79.6	7.5	7.8	75.8	2.71	sand	< 1.8	7.9 ± 0.79	7.9	
				2024/7/10	Sunny	26.5	18.5	15.7	7	Brownish black	None	0.0	0.0	0.0	0.2	18.3	68.5	7.8	5.2	76.8	2.71	sand	< 2.6	6.6 ± 0.98	6.6	
				2024/8/6	Sunny	33.9	18.5	19.8	5	Brownish black	None	0.0	0.0	0.0	0.1	18.2	62.0	10.3	9.4	75.8	2.69	sand	< 2.5	8.4 ± 1.1	8.4	
				2024/9/10	Sunny	29.0	19.1	22.4	8	Brownish black	None	0.0	0.0	0.0	0.1	23.4	65.0	4.6	6.9	77.0	2.73	sand	< 3.0	7.5 ± 1.2	7.5	
				2024/10/8	Cloudy	19.9	18.6	22.8	6	Brownish black	None	0.0	0.0	0.1	0.0	5.0	69.4	18.0	7.5	72.8	2.70	sand	< 3.2	13 ± 1.5	13	
				2024/11/8	Sunny	11.5	19.6	19.5	7	Brownish black	None	0.0	0.0	0.0	0.1	10.2	72.1	10.6	7.0	77.1	2.72	sand	< 3.0	8.4 ± 1.2	8.4	
				2024/12/3	Sunny	18.3	19.6	18.8	6	Brownish black	None	0.0	0.0	0.0	0.1	4.1	74.9	15.4	5.5	75.9	2.71	sand/silt	< 3.5	12 ± 1.5	12	
				2025/1/7	Sunny	8.2	19.8	13.2	10	Brownish black	None	0.0	0.0	0.0	0.1	13.6	62.0	9.6	14.7	71.0	2.68	sand	< 3.9	18 ± 1.9	18	
				2025/2/3	Cloudy	9.9	18.2	10.6	9	Brownish black	None	0.0	0.0	0.0	0.1	13.7	70.5	10.5	5.2	78.0	2.70	sand	< 3.1	13 ± 1.6	13	
	211	Neighboring sea area of Haramachi City (Present: Haramachi ward, Minamisoma City)	Approx. 1,000 m offshore of Niida River	2024/5/14	Sunny	15.0	8.9	14.7	8	Brownish black	None	0.0	0.0	0.4	1.6	12.1	82.2	1.7	2.0	74.1	2.66	sand	< 5.4	37 ± 3.4	37	
				2024/6/6	Cloudy	20.2	7.8	18.0	6	Brownish black	None	0.0	0.0	0.2	0.9	28.7	68.5	1.1	0.6	79.0	2.72	sand	< 4.4	11 ± 2.0	11	
				2024/7/10	Sunny	24.4	7.4	17.8	3	Brownish black	None	0.0	0.0	0.0	0.1	6.0	88.6	3.2	2.1	78.1	2.73	sand	< 5.1	19 ± 2.5	19	
				2024/8/6	Sunny	32.7	7.8	22.8	3	Brownish black	None	0.0	0.0	0.0	0.1	11.7	80.2	1.8	6.2	74.7	2.69	sand	< 4.6	26 ± 2.9	26	
				2024/9/10	Sunny	28.0	8.3	25.2	10	Dark olive brown	None	0.0	0.0	0.0	0.0	3.8	89.6	3.0	3.6	74.9	2.69	sand	< 5.4	29 ± 2.9	29	
				2024/10/8	Cloudy	19.5	7.6	23.2	8	Brownish black	None	0.0	0.0	0.2	0.5	5.5	83.9	6.1	3.8	75.8	2.76	sand	< 4.8	33 ± 3.5	33	
				2024/11/8	Sunny	10.4	8.4	19.2	9	Olive black	None	0.0	0.0	0.0	0.7	2.9	71.5	11.4	13.5	73.1	2.67	sand	< 5.5	48 ± 3.6	48	
				2024/12/3	Sunny	18.3	8.4	17.8	7	Brownish black	None	0.0	0.0	0.1	0.3	3.2	82.3	8.5	5.6	77.9	2.70	sand	< 5.3	38 ± 3.1	38	
				2025/1/7	Sunny	7.7	9.0	13.0	5	Brownish black	None	0.0	0.0	0.0	0.3	15.4	71.3	6.0	7.0	75.4	2.71	sand	< 4.6	46 ± 3.6	46	
				2025/2/3	Cloudy	10.1	7.9	10.8	4	Brownish black	None	0.0	0.0	0.0	0.1	4.6	78.5	11.4	5.4	76.0	2.69	sand	< 4.9	45 ± 3.3	45	
	212		Approx. 1,000 m offshore of Ota River	2024/5/14	Cloudy	15.4	10.6	14.8	4	Brownish black	None	0.0	0.0	0.0	0.1	7.6	84.5	2.0	5.8	78.1	2.80	sand	< 4.9	9.1 ± 1.8	9.1	
				2024/6/6	Cloudy	22.0	9.9	17.1	6	Brownish black	None	0.0	0.0	0.0	0.1	3.0	91.8	3.8	1.3	76.0	2.73	sand	< 4.8	16 ± 2.3	16	
				2024/7/10	Cloudy	23.0	9.9	18.4	4	Brownish black	None	0.0	0.0	0.0	0.1	8.2	87.2	2.8	1.7	75.7	2.74	sand	< 4.5	12 ± 2.0	12	
				2024/8/6	Sunny	33.8	9.9	21.8	6	Brownish black	None	0.0	0.0	0.0	0.1	7.7	86.7	1.2	4.3	77.5	2.71	sand	< 4.1	14 ± 2.2	14	
				2024/9/10	Sunny	28.0	10.3	24.8	8	Brownish black	None	0.0	0.0	1.1	1.0	6.6	84.5	2.4	4.4	76.9	2.75	sand	< 5.9	20 ± 2.3	20	
				2024/10/8	Cloudy	19.6	10.1	23.2	8	Brownish black	None	0.0	0.0	0.2	0.1	3.0	89.0	4.5	3.2	74.9	2.68	sand	< 4.8	14 ± 2.4	14	
				2024/11/8	Sunny	10.6	10.7	18.5	7	Brownish black	None	0.0	0.0	0.0	0.1	1.9	88.8	5.7	3.5	75.7	2.71	sand	< 4.0	20 ± 2.3	20	
				2024/12/3	Sunny	18.3	10.8	18.6	6	Brownish black	None	0.0	0.0	0.0	0.1	3.1	87.3	8.0	1.5	77.9	2.75	sand	< 4.2	21 ± 2.3	21	
				2025/1/7	Sunny	7.8	10.7	13.1	8	Brownish black	None	0.0	0.1	0.1	0.6	13.6	78.8	3.4	3.4	76.4	2.79	sand	< 4.8	27 ± 2.7	27	
				2025/2/3	Cloudy	8.0	9.9	10.6	5	Brownish black	None	0.0	0.0	0.1	0.2	6.2	83.5	7.0	3.0	77.0	2.72	sand	< 4.3	25 ± 2.6	25	
	213	Neighboring sea area of Soso	Approx. 1,000 m offshore of Odaka River	2024/5/15	Sunny	21.8	10.4	15.5	8	Brownish black	None	0.0	0.0	0.0	0.1	2.1	92.5	2.5	2.8	76.9	2.71	sand/silt	< 4.4	18 ± 2.4	18	
				2024/6/7	Cloudy	17.8	9.8	17.2	8	Brownish black	None	0.0	0.0	0.0	0.1	1.3	93.7	3.5	1.4	76.7	2.68	sand	< 4.5	24 ± 2.6	24	
				2024/7/11	Light Rain	23.2	10.9	17.4	6	Brownish black	None	0.0	0.0	0.0	0.0	2.3	92.5	3.1	2.1	74.7	2.71	sand	< 4.2	26 ± 2.7	26	
				2024/8/7	Cloudy	28.7	10.0	21.7	6	Brownish black	None	0.0	0.0	0.0	0.1	3.8	89.5	1.4	5.2	74.7	2.71	sand	< 4.2	23 ± 2.5	23	
				2024/9/11	Sunny	33.0	10.4	24.2	8	Brownish black	None	0.0	0.0	0.0	0.4	6.8	87.6	1.8	3.4	76.3	2.75	sand	< 4.0	18 ± 2.1	18	
				2024/10/15	Sunny	33.0	11.1	22.3	4	Brownish black	None	0.0	0.0	0.0	0.4	7.8	84.5	3.9	3.4	74.3	2.73	sand	< 4.8	16 ± 2.4	16	
				2024/11/8	Cloudy	14.2	10.9	18.9	6	Brownish black	None	0.0	0.0	0.0	0.1	2.7	89.5	4.4	3.3	76.8	2.74	sand	< 4.6	20 ± 2.4	20	
				2024/12/4	Cloudy	14.5	10.5	18.4	6	Brownish black	None	0.0	0.0	0.0	0.1	1.8	89.7	6.9	1.5	76.8	2.72	sand	< 3.9	22 ± 2.6	22	
				2025/1/15	Sunny	5.8	11.0	11.6	5	Brownish black	None	0.0	0.0	0.0	0.1	4.6	89.0	4.2	2.1	75.3	2.73	sand	< 4.8	15 ± 2.2	15	
				2025/2/4	Sunny	11.8	10.8	10.1	5	Brownish black	None	0.0	0.0	0.0	0.2	9.9	81.8	5.8	2.3	77.8	2.76	sand	< 4.9	32 ± 2.7	32	

Fukushima Coastal(Sediment) 2/3

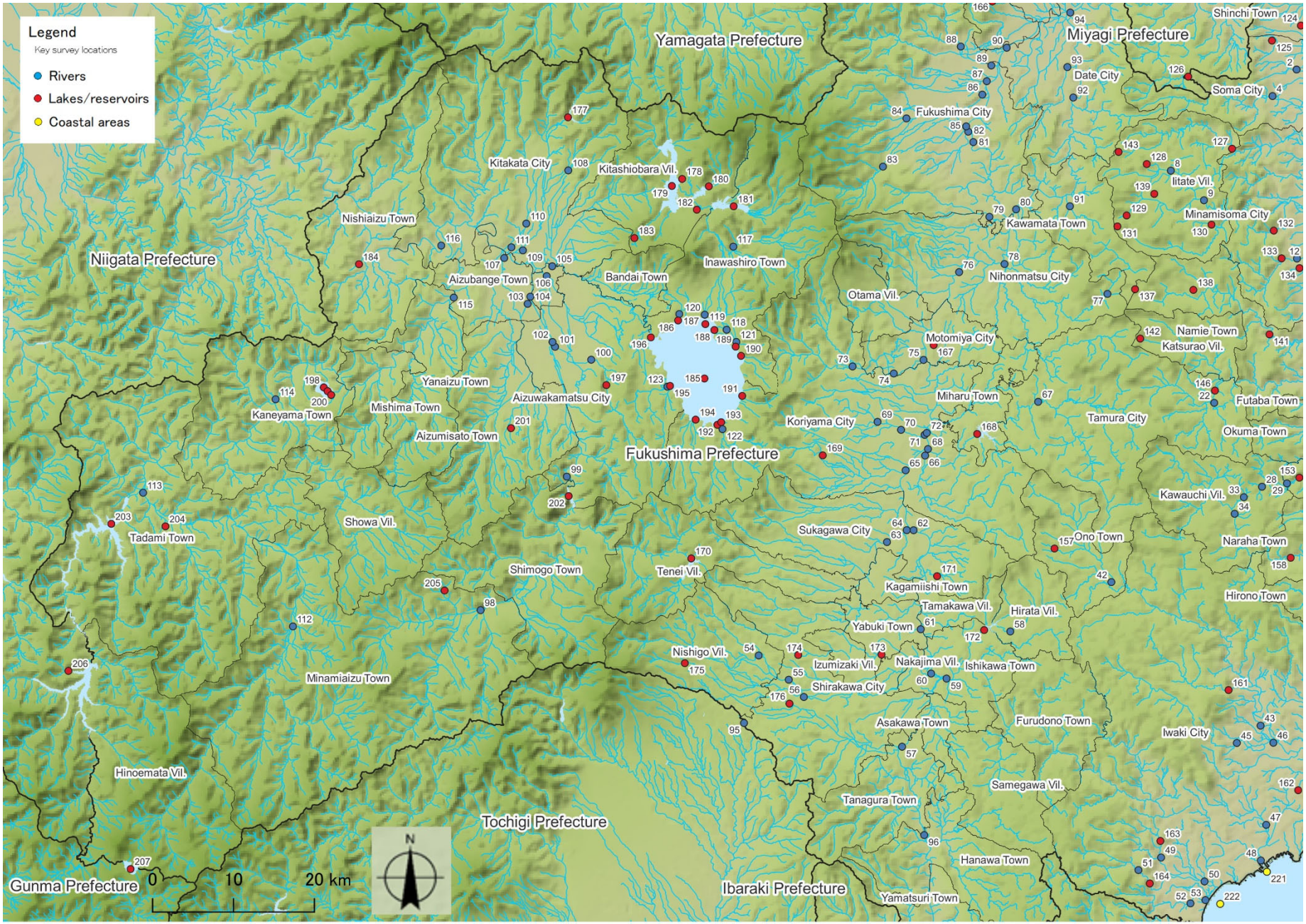
	Location			Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																				Remarks
									General items																Activity concentration [Bq/kg(dry)]			
													Grain size distribution(%)								Sediment content (%)	Density (Mg/m^3)	Property	Radioactive cesium			
	No.	Water Area						Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Coastal areas	214	Neighboring sea area of Soso	Approx. 2,000 m offshore of Ukedo River	2024/5/15	Sunny	24.5	15.3	15.3	8	Brownish black	None	0.0	0.0	0.0	0.2	14.0	66.2	13.4	6.2	71.7	2.70	sand/silt	< 5.1	120 ± 5.2	120	
				2024/6/7	Cloudy	19.5	15.0	17.0	5	Brownish black	None	0.0	0.0	0.1	1.2	8.2	61.5	19.5	9.5	76.2	2.68	sand/silt	< 4.2	81 ± 4.1	81	
				2024/7/11	Cloudy	24.0	15.4	16.7	6	Brownish black	None	0.0	0.0	0.2	1.3	59.8	34.4	2.5	1.8	81.4	2.72	sand	< 3.4	10 ± 1.7	10	
				2024/8/7	Sunny	28.5	14.6	19.5	6	Brownish black	None	0.0	0.0	0.0	0.1	4.0	69.3	16.3	10.3	74.8	2.68	sand	< 4.2	98 ± 4.6	98	
				2024/9/11	Sunny	33.0	15.4	22.9	8	Brownish black	None	0.0	0.0	0.0	0.5	18.8	62.3	10.8	7.6	74.4	2.70	sand	< 5.0	100 ± 4.6	100	
				2024/10/15	Sunny	25.1	15.0	22.1	4	Brownish black	None	0.0	0.0	0.1	0.2	6.1	50.3	27.1	16.2	69.4	2.67	sand	< 5.8	120 ± 5.6	120	
				2024/11/8	Sunny	14.8	15.3	19.8	9	Brownish black	None	0.0	0.0	0.1	0.1	3.7	46.1	23.4	26.6	69.5	2.68	sand/silt	< 5.1	120 ± 5.5	120	
				2024/12/4	Cloudy	14.5	16.4	18.4	6	Brownish black	None	0.0	0.9	5.0	23.5	61.4	7.7	0.9	0.6	84.3	2.72	sand	< 3.9	8.0 ± 1.5	8.0	
				2025/1/15	Cloudy	6.4	15.9	11.6	7	Brownish black	None	0.0	0.1	0.1	0.2	5.0	64.4	21.9	8.3	75.1	2.70	sand	< 4.8	73 ± 4.2	73	
				2025/2/4	Sunny	12.0	14.8	10.9	6	Brownish black	None	0.0	0.0	0.0	0.2	8.1	68.1	18.0	5.6	76.4	2.70	sand	< 4.1	58 ± 3.5	58	
	215		Approx. 1,000 m offshore of Kumagawa River	2024/5/15	Sunny	15.7	11.9	14.8	4	Brownish black	None	0.0	0.0	0.1	0.0	2.2	91.1	3.5	3.1	75.7	2.71	sand	< 5.3	140 ± 5.9	140	
				2024/6/7	Cloudy	19.1	11.4	17.4	4	Brownish black	None	0.0	0.0	0.0	0.1	3.6	90.9	4.3	1.1	75.5	2.71	sand	< 8.3	110 ± 5.1	110	
				2024/7/11	Light Rain	21.8	11.4	18.0	6	Brownish black	None	0.0	0.0	0.0	0.2	4.9	87.8	4.4	2.7	74.1	2.74	sand	< 6.7	110 ± 5.6	110	
				2024/8/7	Sunny	26.8	11.9	19.9	6	Brownish black	None	0.0	0.0	0.0	0.1	2.2	88.3	2.9	6.5	75.7	2.71	sand	< 6.2	120 ± 5.6	120	
				2024/9/11	Sunny	26.2	11.5	23.7	6	Brownish black	None	0.0	0.0	0.0	0.0	2.8	87.9	2.5	6.8	72.1	2.70	sand	< 5.6	150 ± 6.2	150	
				2024/10/15	Sunny	24.5	12.1	22.2	4	Brownish black	None	0.0	0.0	0.0	0.1	2.0	89.2	5.3	3.4	73.4	2.69	sand	< 8.6	190 ± 7.3	190	
				2024/11/13	Sunny	17.4	12.3	20.5	4	Brownish black	None	0.0	0.0	0.0	0.1	4.4	86.9	4.9	3.7	75.1	2.72	sand	< 5.2	180 ± 6.6	180	
				2024/12/4	Sunny	15.8	12.1	18.0	6	Brownish black	None	0.0	0.0	0.0	0.1	4.3	85.6	4.3	5.7	76.7	2.72	sand	< 8.1	150 ± 5.9	150	
				2025/1/15	Light Rain	5.2	11.6	14.3	6	Brownish black	None	0.0	0.0	0.1	0.0	1.7	88.1	6.5	3.6	74.4	2.70	sand	< 5.7	150 ± 6.3	150	
				2025/2/4	Cloudy	5.2	12.1	12.2	8	Brownish black	None	0.0	0.0	0.0	0.1	6.1	85.7	5.9	2.2	72.6	2.67	sand	< 5.6	200 ± 6.8	200	
	216		Approx. 1,000 m offshore of Tomioka River	2024/5/15	Sunny	19.8	10.1	14.1	8	Brownish black	None	0.0	0.0	0.0	0.1	1.5	89.7	5.2	3.5	77.6	2.72	sand	< 5.1	120 ± 5.2	120	
				2024/6/7	Cloudy	21.2	9.6	17.9	5	Brownish black	None	0.0	0.0	0.0	0.1	1.3	87.9	8.5	2.2	73.2	2.69	sand	< 4.3	130 ± 5.4	130	
				2024/7/11	Light Rain	22.2	9.6	18.1	6	Brownish black	None	0.0	0.0	0.0	0.1	1.8	83.1	5.9	9.1	73.0	2.69	sand/silt	< 5.2	140 ± 6.3	140	
				2024/8/7	Cloudy	26.3	10.2	20.7	6	Brownish black	None	0.0	0.0	0.0	0.1	3.5	83.4	6.0	7.0	77.3	2.69	sand	< 6.2	130 ± 5.7	130	
				2024/9/11	Sunny	27.0	9.9	24.2	8	Brownish black	None	0.0	0.0	0.1	0.7	4.9	68.1	17.4	8.8	74.4	2.68	sand/silt	< 5.3	180 ± 6.8	180	
				2024/10/15	Sunny	23.2	10.5	22.1	5	Brownish black	None	0.0	0.0	0.1	0.0	3.9	87.6	5.0	3.4	76.2	2.80	sand	< 6.3	110 ± 5.3	110	
				2024/11/13	Sunny	16.6	10.9	19.6	5	Brownish black	None	0.0	0.0	0.0	0.2	2.6	75.9	12.9	8.4	78.6	2.84	sand/silt	< 5.7	120 ± 5.4	120	
				2024/12/4	Sunny	15.8	10.5	18.0	6	Brownish black	None	0.0	0.0	0.0	0.1	0.9	78.1	15.4	5.5	76.7	2.72	sand	< 7.7	140 ± 5.6	140	
				2025/1/15	Cloudy	4.2	10.7	14.6	5	Brownish black	None	0.0	0.0	0.1	0.1	1.6	82.7	9.5	6.0	75.0	2.79	sand/silt	< 5.4	110 ± 5.3	110	
				2025/2/4	Sunny	4.0	10.1	12.9	6	Brownish black	None	0.0	0.0	0.0	0.1	7.9	89.7	1.5	0.8	78.8	2.72	sand	< 5.1	63 ± 3.6	63	
	217		Approx. 1,000 m offshore of Kidogawa River	2024/5/16	Light Rain	17.4	9.2	14.2	9	Brownish black	None	0.0	0.0	0.0	0.1	0.4	51.3	36.7	11.5	66.7	2.62	sand/silt	< 7.5	170 ± 7.2	170	
				2024/6/21	Cloudy	22.5	10.2	16.0	6	Brownish black	None	0.0	0.0	0.0	0.1	0.5	64.2	25.6	9.6	64.5	2.64	sand/silt	< 6.3	160 ± 6.8	160	
				2024/7/24	Sunny	27.8	9.4	17.9	5	Brownish black	None	0.0	0.0	0.0	0.5	4.4	86.3	3.0	5.8	75.5	2.78	sand	< 4.9	80 ± 4.3	80	
				2024/8/21	Cloudy	25.5	10.8	26.2	8	Brownish black	None	0.0	0.0	0.3	1.1	6.7	67.5	18.1	6.3	78.9	2.81	sand	< 4.8	39 ± 3.0	39	
				2024/9/19	Light Rain	23.2	9.6	24.7	6	Brownish black	None	0.0	0.0	0.0	0.2	5.9	83.6	5.5	4.8	74.3	2.72	sand	< 5.6	67 ± 4.3	67	
				2024/10/21	Sunny	10.5	11.3	21.4	5	Brownish black	None	0.0	0.0	0.1	0.1	1.5	74.3	14.0	10.0	73.4	2.73	sand	< 5.9	96 ± 5.2	96	
				2024/11/22	Sunny	16.8	9.7	20.6	4	Brownish black	None	0.0	0.0	0.0	0.3	1.5	75.6	14.0	8.6	75.8	2.71	sand	< 5.4	89 ± 4.9	89	
				2024/12/18	Sunny	5.4	9.4	17.0	8	Brownish black	None	0.0	0.0	0.0	1.0	4.1	73.1	11.5	10.3	79.2	2.73	sand	< 4.4	48 ± 3.3	48	
				2025/1/25	Sunny	10.2	9.2	13.2	9	Olive black	None	0.0	0.0	0.0	3.0	31.5	27.6	25.7	12.2	53.0	2.72	sand/silt	< 7.3	150 ± 6.8	150	
				2025/2/12	Cloudy	6.9	11.1	12.3	8	Brownish black	None	0.0	0.0	0.0	0.2	1.1	74.3	16.2	8.2	75.4	2.67	sand	< 6.4	93 ± 4.3	93	
	218		Approx. 1,000 m offshore of Asami River Estuary	2024/5/16	Light Rain	16.4	10.5	14.5	5	Brownish black	None	0.0	0.0	0.0	0.1	1.0	93.0	3.0	2.9	77.6	2.72	sand/silt	< 5.0	36 ± 3.0	36	
				2024/6/21	Cloudy	22.5	9.7	16.5	6	Brownish black	None	0.0	0.0	0.0	0.1	0.7	91.7	5.2	2.3	77.1	2.72	sand	< 5.0	58 ± 3.7	58	
				2024/7/24	Sunny	30.0	10.5	18.7	10	Brownish black	None	0.0	0.0	0.1	0.3	6.6	87.9	1.9	3.2	74.6	2.71	sand	< 5.0	38 ± 3.2	38	
				2024/8/21	Cloudy	25.7	10.7	26.3	6	Brownish black	None	0.0	0.0	0.0	0.1	1.1	92.7	1.9	4.2	77.0	2.71	sand	< 4.1	46 ± 3.0	46	
				2024/9/19	Light Rain	23.4	10.4	24.8	6	Brownish black	None	0.0	0.0	0.1	0.1	11.4	82.5	2.8	3.1	73.4	2.71	sand	< 5.4	40 ± 3.5	40	
				2024/10/21	Sunny	10.7	10.3	21.2	5	Brownish black	None	0.0	0.0	0.1	0.1	0.7	90.6	5.2	3.3	75.3	2.76	sand	< 5.6	45 ± 3.6	45	
				2024/11/22	Sunny	17.0	9.9	20.5	4	Brownish black	None	0.0	0.0	0.0	0.1	0.6	91.0	5.4	2.9	76.6	2.73	sand	< 4.2	41 ± 3.4	41	
				2024/12/18	Sunny	6.0	9.7	16.9	7	Brownish black	None	0.0	0.0	0.0	0.1	8.7	81.3	5.4	4.5	77.2	2.74	sand	< 4.8	47 ± 3.3	47	
				2025/1/25	Cloudy	10.5	9.9	13.1	6	Dark grayish yellow	None	0.0	0.0	0.1	0.2	28.4	63.1	5.3	2.9	76.3	2.74	sand	< 6.3	35 ± 3.6	35	
				2025/2/12	Cloudy	6.7	10.0	11.9	10	Brownish black	None	0.0	0.0	0.0	0.1	2.6	90.0	4.2	3.1	76.2	2.73	sand	< 5.2	54 ± 3.9	54	
	219	Neighboring sea area of Iwaki City	Approx. 1,000 m offshore of Ohisa River Estuary	2024/5/16	Cloudy	21.3	10.8	14.2	7	Brownish black	None	0.0	0.2	0.0	0.1	1.2	94.9	2.2	1.4	77.4	2.68	sand/silt	< 4.0	18 ± 2.4	18	
				2024/6/21	Cloudy	22.0	9.6	15.6	6	Brownish black	None	0.0	0.7	0.0	0.1	1.9	92.5	3.1	1.7	76.9	2.74	sand	< 4.0	18 ± 2.4	18	
				2024/7/24	Sunny	32.2	10.4	20.5	3	Brownish black	None	0.0	0.0	0.0	0.0	3.0	94.1	0.7	2.2	76.3	2.74	sand	< 4.4	17 ± 2.2	17	
				2024/8/21	Cloudy	25.9	9.3	26.2	7	Brownish black	None	0.0	0.0	0.1	0.0	0.9	95.5	2.4	1.1	77.5	2.69	sand	< 4.5	19 ± 2.1	19	
				2024/9/19	Light Rain	24.2	10.1	24.7	5	Brownish black	None	0.0	0.0	0.1	0.3	7.1	89.7	1.5	1.3	70.9	2.71	sand	< 5.8	59 ± 4.3	59	
				2024/10/22	Sunny	21.3	10.8	22.5	6	Brownish black	None	0.0	0.0	0.0	0.1	0.5	95.2	2.5	1.7	77.8	2.74	sand	< 4.9	21 ± 2.7	21	
				2024/11/20	Cloudy	5.9	10.9	20.5	10	Brownish black	None	0.0	0.0	0.0	0.1	0.5	95.3	3.2	0.9	78.7	2.74	sand	< 5.2	16 ± 2.2	16	
				2024/12/18	Sunny	10.3	10.0	16.9	5	Brownish black	None	0.0	0.0	0.0	0.1	1.1	88.3	5.9	4.6	78.5	2.73	sand	< 4.5	15 ± 2.0	15	
				2025/1/24	Sunny	10.3	10.9	12.1	3	Brownish black	None	0.0	0.0	0.1	0.0	22.4	72.3	2.4	2.8	77.3	2.71	sand	< 5.8	18 ± 2.5	18	
				2025/2/12	Cloudy	8.0	10.8	11.8	5	Brownish black	None	0.0	0.0	0.0	0.1	3.7	92.3	1.3	2.6	78.7	2.71	sand	< 4.5	10 ± 2.3	10	

Fukushima Coastal(Sediment) 3/3

	Location			Sampling Date	Weather	Air temperature (℃)	Water depth (m)	Sediment																		Remarks
									General items															Activity concentration [Bq/kg(dry)]			
													Grain size distribution(%)								Sediment content (%)	Density (Mg/m^3)	Property	Radioactive cesium			
	No.	Water Area						Sediment temperature (℃)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	silt	clay				Cs-134	Cs-137	Total	
Coastal areas	220	Neighboring sea area of Iwaki City	Approx. 1,500 m offshore of Natsui River	2024/5/22	Cloudy	14.5	16.6	14.3	10	Brownish black	None	0.0	0.0	0.1	0.0	1.2	95.5	1.3	1.9	76.1	2.68	sand	< 4.5	110 ± 5.1	110	
				2024/6/20	Sunny	26.1	16.8	16.1	6	Brownish black	None	0.0	0.0	0.1	0.0	0.8	95.6	2.1	1.4	76.8	2.73	sand	< 4.8	8.8 ± 2.0	8.8	
				2024/7/23	Sunny	30.0	17.4	19.8	5	Brownish black	None	0.0	0.0	0.0	0.0	4.8	92.3	0.6	2.3	75.4	2.72	sand	< 5.2	11 ± 2.0	11	
				2024/8/20	Cloudy	26.3	16.8	25.9	9	Brownish black	None	0.0	0.0	0.1	0.0	0.6	96.0	2.2	1.1	76.0	2.71	sand	< 2.9	12 ± 1.8	12	
				2024/9/18	Sunny	26.6	16.7	24.7	6	Brownish black	None	0.0	0.0	0.1	0.0	6.8	90.7	1.4	1.0	76.3	2.72	sand	< 5.2	9.8 ± 2.1	9.8	
				2024/10/21	Cloudy	19.8	17.2	22.3	8	Brownish black	None	0.0	0.0	0.0	0.1	0.5	95.1	2.4	1.9	75.7	2.74	sand	< 1.4	8.8 ± 0.67	8.8	
				2024/11/20	Cloudy	9.6	16.6	20.5	10	Brownish black	None	0.0	0.0	0.0	0.1	0.7	95.0	3.2	1.0	78.3	2.73	sand	< 2.1	11 ± 0.97	11	
				2024/12/17	Sunny	7.2	17.6	18.2	4	Brownish black	None	0.0	0.0	0.0	0.1	4.6	90.0	2.5	2.8	77.2	2.72	sand	< 2.1	7.0 ± 0.79	7.0	
				2025/1/20	Cloudy	6.4	17.3	14.7	6	Brownish black	None	0.0	0.0	0.0	0.1	0.4	96.2	2.0	1.3	75.8	2.72	sand	< 2.7	8.4 ± 1.1	8.4	
				2025/2/12	Cloudy	3.2	17.3	13.2	8	Brownish black	None	0.0	0.0	0.1	0.1	12.4	83.3	1.5	2.6	76.4	2.73	sand	< 2.2	7.3 ± 0.95	7.3	
	221	Onahama Port	Approx. 400 m north of West breakwater No. 2	2024/5/22	Sunny	20.5	15.3	14.6	10	Olive black	None	0.0	0.0	0.0	0.1	0.1	11.6	41.5	46.7	37.6	2.55	silt	< 8.1	76 ± 5.1	76	
				2024/6/20	Sunny	22.0	15.0	16.1	6	Olive black	None	0.0	0.0	0.0	0.1	0.3	12.0	50.5	37.1	36.7	2.60	silt/sand	< 8.4	270 ± 9.2	270	
				2024/7/23	Sunny	33.1	15.3	17.8	10	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.7	15.9	35.5	47.9	37.9	2.64	silt/sand	< 9.0	250 ± 9.0	250	
				2024/8/20	Sunny	29.0	15.2	22.4	10	Olive black	None	0.0	0.0	0.0	0.1	0.0	10.5	49.4	40.0	36.6	2.60	silt	< 6.1	240 ± 7.5	240	
				2024/9/18	Sunny	28.5	15.2	23.5	10	Olive black	Faint ditch	0.0	0.0	0.0	0.1	0.3	9.4	45.8	44.4	36.2	2.62	silt	< 9.5	230 ± 8.6	230	
				2024/10/21	Sunny	17.2	15.8	22.2	10	Olive black	None	0.0	0.0	0.0	0.1	0.1	9.1	37.3	53.4	33.3	2.63	silt/sand	< 7.6	260 ± 8.2	260	
				2024/11/20	Cloudy	12.3	15.8	20.2	10	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.3	18.0	36.0	45.6	38.1	2.62	silt/sand	< 7.9	290 ± 8.6	290	
				2024/12/17	Sunny	9.4	15.8	17.1	10	Olive black	None	0.0	0.0	0.0	0.1	0.2	2.2	50.7	46.8	30.9	2.63	silt	< 6.9	260 ± 7.5	260	
				2025/1/20	Cloudy	7.4	16.0	13.7	10	Olive black	Faint ditch	0.0	0.0	0.0	0.2	0.3	10.7	38.3	50.5	36.3	2.64	silt/sand	< 7.5	250 ± 8.1	250	
				2025/2/12	Cloudy	6.2	15.7	13.6	10	Olive black	None	0.0	0.0	0.0	0.1	0.7	24.5	34.6	40.1	36.5	2.62	silt/sand	< 8.5	230 ± 8.2	230	
	222	Joban coastal sea area	Approx. 1,000 m offshore of Binda River	2024/5/22	Sunny	17.6	16.9	14.7	7	Brownish black	None	0.0	0.0	0.0	0.1	7.8	76.5	6.8	8.8	71.9	2.66	sand	< 4.9	7.6 ± 2.2	7.6	
				2024/6/20	Sunny	25.1	17.3	16.6	5	Brownish black	None	0.0	0.0	0.1	0.1	9.4	72.8	8.0	9.6	73.2	2.69	sand	< 5.0	35 ± 3.1	35	
				2024/7/23	Sunny	31.1	16.8	18.0	5	Brownish black	None	0.0	0.0	0.0	0.1	11.6	74.0	5.2	9.1	72.1	2.70	sand/silt	< 4.8	27 ± 2.9	27	
				2024/8/20	Cloudy	28.0	16.8	22.4	6	Brownish black	None	0.0	0.0	0.1	0.1	2.2	79.8	11.9	5.9	72.1	2.68	sand	< 4.9	35 ± 3.0	35	
				2024/9/18	Cloudy	29.4	17.2	24.2	3	Brownish black	None	0.0	0.0	0.0	0.0	5.3	83.0	6.7	5.0	73.8	2.70	sand	< 6.3	20 ± 2.9	20	
				2024/10/21	Cloudy	22.8	17.5	22.4	5	Brownish black	None	0.0	0.0	0.0	0.1	2.0	81.2	9.9	6.8	72.7	2.70	sand	< 6.0	25 ± 3.0	25	
				2024/11/20	Cloudy	10.5	17.5	20.5	10	Brownish black	None	0.0	0.1	0.0	0.1	1.6	78.6	9.7	9.9	74.0	2.71	sand	< 5.4	27 ± 3.1	27	
				2024/12/17	Sunny	12.5	18.0	17.2	7	Brownish black	None	0.0	0.0	0.1	0.1	13.2	67.8	9.2	9.6	72.7	2.70	sand	< 5.8	30 ± 3.0	30	
				2025/1/20	Cloudy	10.2	18.3	14.7	7	Brownish black	None	0.0	0.0	0.0	0.1	1.9	84.9	7.6	5.5	72.3	2.70	sand	< 5.6	22 ± 2.8	22	
				2025/2/12	Cloudy	7.0	17.6	12.6	6	Brownish black	None	0.0	0.0	0.0	0.1	15.2	69.3	6.9	8.5	74.0	2.69	sand	< 5.3	31 ± 2.8	31	



Survey Locations (Fukushima Prefecture)



Survey Locations (Fukushima Prefecture)