

◦Results of Radioactive Material Monitoring of Aquatic Organisms (Locations A and B along the Abukuma River)

≤ Locations A and B along the Abukuma River: Samples collected ≥

Locations	General items		Radioactive materials			
	Water	Sediment	Water (Cs)	Water (Sr)	Sediment (Cs)	Sediment (Sr)
A-1	○	○	○	—	○	○
A-2	○	○	—	—	—	—
B-1	○	○	○	—	○	—
B-2	○	○	○	—	○	—
B-3	○	○	○	—	○	—

<Locations A and B along the Abukuma River: Site measurement item>

* The numbers in () indicates the degree of transparency

<Locations A and B along the Abukuma River: General survey items/Analysis of radioactive materials

Locations A and B along the Abukuma River: General survey items/Analysis of radioactive materials

Locations		Items		Latitude and longitude of the location		Survey date and time		Sample ID		Soil characteristics		Grain size distribution		Radiometric measurements								
Locations	Items	Scheduled latitude	Scheduled longitude	Date	Time (sediment)	pH	Redox potential EN_HLE (mV)	Water content (%)	IL (%)	TOC (mg/g-dry)	Soil particle density (g/cm³)	Gravel (2-75mm) (%)	Coarse sand (0.85-2mm) (%)	Medium sand (0.25-0.85mm) (%)	Fine sand (0.075-0.25mm) (0.0005-0.0075mm) (%)	Silt (Less than 0.005mm) (%)	Clay (Less than 0.005mm) (%)	Median grain diameter	Maximum grain diameter	Cs-134 (Bq/kg-dry)	Cs-137 (Bq/kg-dry)	Sr-90 (Bq/kg-dry)
A	A-1	37.6210°	140.5218°	2015/6/18	9:10	7.1	162	39.1	3.7	4.5	2.68	0	0.1	38.8	32.9	14.2	14	0.21	2	120	590	N.D. (0.12)
	A-2	37.5673°	140.3946°		10:45	6.9	367	18.9	1.7	4.1	2.759	20.7	44	27.2	5.8	1.1	1.2	1.1	19	50	190	—
	B-1	37.7843°	140.4924°		14:55	7.3	309	12.8	0.8	1.3	2.697	29.5	49.6	16.3	4.2	0.3	0.1	1.5	9.5	13	53	—
	B-2	37.8121°	140.5058°		13:42	7.1	357	26.5	1.6	2.4	2.771	3.8	2.6	60.1	30.1	1.5	1.9	0.31	9.5	53	180	—
	B-3	37.8182°	140.4679°		12:38	6.9	385	15.4	1.1	2.1	2.649	32.1	36.8	23	6.8	0.7	0.6	1.4	4.75	20	74	—
	B-4	37.7954°	140.4821°		11:20	7.0	345	20.5	1.4	2.2	2.731	4.5	2.8	59.5	31.1	1.5	1.8	0.29	9.5	53	180	—

<Locations A and B along the Abukuma River: Survey items Aquatic organisms>

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*1: Organisms were collected in or around the targeted water areas.

*2: When multiple types of aquatic organisms were collected, a sample was prepared by mixing them.

*3: For a sample made of multiple types of aquatic organisms, the name of the dominant one largest in number is underlined.
*4: Basically, measurement was conducted for all organism samples. Viscera (stomach and bowels) were removed for the small fish.

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*5: A statement in red in the "Growth stage" column shows the age assessed based on squama or otolith.

*6: Plankton (suspended algae) is the residue remaining after the filtration of lake water or seawater with a plankton net (40μm-mesh).
*7: River bottom materials (incl. algae) are algae, etc. that were scratched off stones with a brush, etc. and may include very fine particles.

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*8: N.D. means to be below the detection limit and figures in parentheses show the detection limit.

*9: Activity concentrations include counting errors, but the details are omitted here.

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