

# Radioactive Material Monitoring in and around Fukushima Prefecture (Public Water Areas)



[Coverage]  
Whole Area of Fukushima, Miyagi, Ibaraki, Tochigi and Gunma Prefectures, and part of Iwate and Chiba Prefectures, etc.

[Monitoring points]  
602 locations

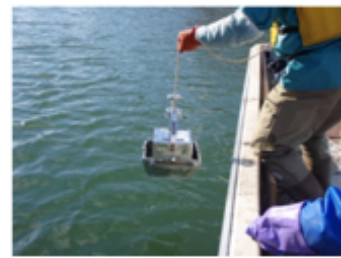
[Radionuclide analyses]  
• Samples  
Water, sediments and Surrounding environment (soil)

• Analyzed radionuclides  
Radioactive cesium, Radioactive strontium (only for some water and sediment samples), etc.

[Frequencies]  
Twice to 10 times a year depending on the contamination status, etc.



(River: water sampling)



(Lake: sediments sampling)

Prepared based on the Results of the FY2022 Radioactive Material Monitoring in the Water Environment (Public Water Areas) (Summary) by the Ministry of the Environment  
[https://www.env.go.jp/jishin/monitoring/results\\_r-pw-r04.html](https://www.env.go.jp/jishin/monitoring/results_r-pw-r04.html) (in Japanese)

Radioactive material monitoring was conducted at rivers, lakes and coastal areas in Miyagi, Ibaraki and other Prefectures, centered on Fukushima Prefecture, where contamination with radioactive materials was suspected.

In FY2022, monitoring covered 602 locations and analysis was conducted for radioactive cesium and strontium in water, etc.

Monitoring results of radioactive cesium concentrations in water are as follows. Monitoring results for sediments (mud of the bottom of rivers, lakes, etc.) are shown in p.44 of Vol. 2, “Radioactive Material Monitoring in the Water Environment (River Sediments)” through to p.46 of Vol. 2, “Radioactive Material Monitoring in the Water Environment (Coastal Area Sediments).”

[Monitoring results of radioactive cesium concentrations in water]

River water samples (2,010 samples): Radioactive cesium concentrations were all below the detection limit.

Lake/reservoir water samples (1,378 samples): Radioactive cesium concentrations were all below the detection limit except for those in 9 samples collected at 2 locations in the Hamadori District.

Coastal samples (534 samples): Radioactive cesium concentrations were all below the detection limit.

- At all locations where radioactive cesium was detected, amounts of suspended solids (SS) and turbidity were relatively large.

Included in this reference material on March 31, 2013

Updated on March 31, 2024