

The measurement result of Mizuho water concerning radiation substance

No.	Experiment	Date	Sample weight	Cesium(Bq/kg)	Iodine131(Bq/kg)	Notes
1	Radioactively-contaminated water	2011//5/31	588	1371.5	18.8	Photo 1 (Sample of colorless and transparent radioactively-contaminated water)
2	Mizuho stone	2011/6/6	86	Undetected	Undetected	
3	Radioactively-contaminated water with Mizuho stone being soaked overnight	2011/6/7	682	1244	18.2	In the attached data, typing error has been corrected and recalculated (596g → 682g). Radioactive Cesium has decreased to 127.5 (Bq / kg).
4	Radioactively-contaminated water a Mizuho stone has been removed after an overnight soak.	2011/6/7	596	1375.6	19.2	After removing the Mizuho stone, radioactive cesium has been increased.
5	A removed Mizuho stone that had been soaked overnight in radioactively-contaminated water	2011/6/7	86	370	Undetected	Radioactive cesium has been adsorbed onto the stone.
6	A removed Mizuho stone that has been soaked in radioactively-contaminated water for a week	2011/6/13	87	639.6	Undetected	In comparison with No.5, the Mizuho stone almost doubled the amount of absorbed radioactive cesium.
7	Radioactively-contaminated water with Mizuho stone being soaked for a week.	2011/6/13	683	1277.2	25.2	In the attached data, typing error has been corrected and recalculated (596g → 682g). The result stayed pretty much the same as No.3 processed a week earlier with the same conditions.
8	Radioactively-contaminated water a Mizuho stone has been removed after a week-long soak	2011/6/13	596	1410.7	21.9	Removal of Mizuho stone has increased radioactive cesium from 1277.2 Bq/kg to 1410.7 Bq/kg
9	Radioactively contaminated water with additional 214g of Mizuho water	2011/6/13	723	1110.8	16.2	Compared to No.8, cesium had decreased by 299.9Bq/kg. Cesium decreased by simply adding Mizuho water.
10	Radioactively-contaminated water with another 292g of Mizuho water added to No.9	2011/6/13	1015	716.9	10	Compared to No.8, cesium decreased 693.8Bq by simply adding the Mizuho water.
11	Cesium indicated after a rite of Shinto practice to No. 10 polluted water.	2011/6/13	1015	605.5	12	Cesium has been reduced 111.4Bq. In addition, Radioactively-contaminated water containing Mizuho water, which had been clear and colorless, became clouded white quickly.
12	Radioactively-contaminated soil sampled from Saitama prefecture	2011/6/8	665	2958	44.9	Approximately 100 – 200ml of Mizuho water has been applied. Sample weight has not been taking into consideration for the dried soil soak with Mizuho water
13	Mizuho water has been poured on the contaminated soil.	2011/6/16	665	2912.7	50.1	
14	Numerical value of contaminated soil filled with Mizuho water after a rite of Shinto practice.	2011/6/16	665	2852.7	56.6	Radioactivity of Cs reduced by 4% in contrast with the initial value (No.12)
15	Numerical value of contaminated soil filled with Mizuho water after 30 minutes following a rite of Shinto practice.	2011/6/16	665	2625.5	51.4	Radioactivity of Cs reduced by 12% in contrast with the initial value (No.12)
16	Numerical value of contaminated soil filled with Mizuho water after 30 minutes following No.15	2011/6/26	665	2633.5	51.4	Remain unchanged