



## **Extended Monitoring of Radioactive Fallout from the Fukushima Reactor Incident in a Variety of Media**

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We have observed fallout from the Fukushima Dai-ichi reactor accident in March of 2011 in samples of rainwater and a variety of air filters collected in the San Francisco Bay area and Northern California. Gamma ray spectra measured from the rain samples showed clear evidence of fission products –  $^{131,132}\text{I}$ ,  $^{132}\text{Te}$ , and  $^{134,137}\text{Cs}$ . The activity levels measured for these isotopes were very low and posed no health risk to the public or environment. Additional testing was performed upon these rainwater samples in 2012 to also investigate the presence of  $^{90}\text{Sr}$ —which was not detected and a detection limit was determined. Also presented will be a separate set of gamma ray measurements of Fukushima fallout that has been tracked on a variety of media—rainwater, air filters, and automobile filters; throughout 2011 and 2012.