



Rain Water Analysis, Portland Oregon 2014

The following data was obtained from rain water samples that were collected in Portland, Oregon. Samples are collected once a month and are analyzed for cesium-137 and iodine-131 content. Data is updated on the website monthly.

Sample End Date	Cesium - 137 Activity pCi/L	Iodine - 131 Activity pCi/L
01/31/2014	No Data	No Data
02/28/2014	* <MDA	* <MDA
03/31/2014	* <MDA	* <MDA
04/22/2014	* <MDA	* <MDA
05/23/2014	* <MDA	* <MDA
06/27/2014	* <MDA	* <MDA
07/31/2014	* <MDA	* <MDA
08/31/2014	**IQ	**IQ
09/26/2014	* <MDA	* <MDA
10/30/2014	* <MDA	* <MDA

*Minimum Detectable Activity (MDA): The MDA is defined as the smallest quantity of radioactivity that can be distinguished from background radiation under specified conditions.

** Insufficient Quantity: There was not adequate percipitation to complete the water analysis.

Units

Picocurie (pCi): A unit of measurement that tells you the rate at which a sample of radioactive material decays.

1 pCi = 0.037 Becquerel (Bq) = 2.22 radioactive decays per minute