



Rain Water Analysis, Portland Oregon 2012

The following data is collected from rain water samples taken once a month in Portland, Oregon. The samples are analyzed for Cesium 137 and Iodine 131.

Sample End Date	Cesium - 137	Iodine - 131
	Activity pCi/L	Activity pCi/L
12/21/2012	<MDA*	<MDA*
11/26/2012	<MDA*	<MDA*
10/29/2012	<MDA*	<MDA*
09/30/2012	IQ**	IQ**
08/31/2012	IQ**	IQ**
07/23/2012	<MDA*	<MDA*
06/19/2012	<MDA*	<MDA*
05/22/2012	<MDA*	<MDA*
04/24/2012	<MDA*	<MDA*
03/29/2012	<MDA*	<MDA*
02/10/2012	<MDA*	<MDA*
01/24/2012	<MDA*	<MDA*

*Minimum Detectable Activity

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

Units

Picocurie (pCi): A unit of measurement that tells your the rate of decay of a sample of radioactive material.

Millirem (mrem): Equals 1/1000 of a rem (Roentgen equivalent man). Measures the biological effect (risk of illness) of a dose of radiation on a person.