



Rain Water Analysis, Portland Oregon 2011

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
12/30/2011	<MDA*	<MDA*
11/29/2011	<MDA*	<MDA*
10/01/2011	NDP**	NDP**
09/01/2011	NDP**	NDP**
08/01/2011	NDP**	NDP**
07/01/2011	NDP**	NDP**
06/23/2011	<MDA*	<MDA*
05/16/2011	<MDA*	<MDA*
05/12/2011	<MDA*	<MDA*
05/09/2011	<MDA*	<MDA*
05/05/2011	<MDA*	<MDA*
05/03/2011	<MDA*	<MDA*
04/28/2011	<MDA*	<MDA*
04/18/2011	<MDA*	<MDA*
04/11/2011	<MDA*	<MDA*
04/07/2011	<MDA*	<MDA*
03/28/2011	<MDA*	<MDA*
03/23/2011	<MDA*	196.2

*Minimum Detectable Activity

** No Detectable Precipitation

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.