



## Sand Analysis, Oregon 2014

The following data is collected from sand samples taken along the Oregon Coast. The samples are analyzed for cesium-137 and iodine-131 content.

Coastal sand samples are collected and analyzed quarterly. Data is updated on the website once a month.

Sample Date	Sample Location	Cesium - 137 Activity (pCi/L)	Iodine - 131 Activity (pCi/L)
02/11/2014	Heceta Beach	* <MDA	* <MDA
02/12/2014	Harris Beach	* <MDA	* <MDA
02/14/2014	Oswald West	* <MDA	* <MDA
05/10/2014	Harris Beach	* <MDA	* <MDA
05/12/2014	Heceta Beach	* <MDA	* <MDA
05/15/2014	Oswald West	* <MDA	* <MDA
08/10/2014	Harris Beach	* <MDA	* <MDA
08/12/2014	Oswald West	* <MDA	* <MDA
08/15/2014	Heceta Beach	* <MDA	* <MDA
11/10/2014	Oswald West	* <MDA	* <MDA
11/12/2014	Harris Beach	* <MDA	* <MDA
11/17/2014	Heceta Beach	* <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.

## 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