



Sea Water Analysis, Oregon 2014

The following data was obtained from sea water samples that were collected from various locations along the Oregon Coast. Samples are collected quarterly and are analyzed for cesium-137 and iodine-131 content. Data is updated on the website monthly.

Sample Date	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
08/12/2014	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

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

Units

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

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