



Sand Analysis, Oregon 2016

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 quarterly.

Sample Date	Sample Location	Cesium - 137 Activity (pCi/L)	Iodine - 131 Activity (pCi/L)
02/11/2016	Heceta Beach	*<MDA	*<MDA
02/12/2016	Harris Beach	*<MDA	*<MDA
02/18/2016	Peter Iredale	*<MDA	*<MDA
05/09/2016	Harris Beach	*<MDA	*<MDA
05/12/2016	Heceta Beach	*<MDA	*<MDA
05/18/2016	Fort Stevens	*<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