



Sand Analysis, Oregon 2012

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

Sample Date	Sample Location	Cesium - 137 Activity (pCi/L)	Iodine - 131 Activity (pCi/L)
12/05/2012	Heceta Beach	<MDA*	<MDA*
12/03/2012	Harris Beach	<MDA*	<MDA*
11/28/2012	Oswald State Park	<MDA*	<MDA*
11/09/2012	Heceta Beach	<MDA*	<MDA*
10/29/2012	Oswald State Park	<MDA*	<MDA*
10/16/2012	Harris Beach	<MDA*	<MDA*
10/09/2012	Heceta Beach	<MDA*	<MDA*
09/24/2012	Oswald State Park	<MDA*	<MDA*
09/17/2012	Harris Beach	<MDA*	<MDA*
09/11/2012	Heceta Beach	<MDA*	<MDA*
08/20/2012	Oswald State Park	<MDA*	<MDA*
08/21/2012	Heceta Beach	<MDA*	<MDA*
08/22/2012	Harris Beach	<MDA*	<MDA*
08/21/2012	Heceta Beach	<MDA*	<MDA*
08/20/2012	Oswald State Park	<MDA*	<MDA*
07/25/2012	Harris Beach	<MDA*	<MDA*
07/24/2012	Heceta Beach	<MDA*	<MDA*
07/23/2012	Oswald State Park	<MDA*	<MDA*
06/06/2012	Harris Beach	<MDA*	<MDA*
06/05/2012	Heceta Beach	<MDA*	<MDA*
05/29/2012	Oswald State Park	<MDA*	<MDA*
04/13/2012	Bandon	<MDA*	<MDA*
04/12/2012	Newport	<MDA*	<MDA*
04/11/2012	Seaside	<MDA*	<MDA*

*Minimum Detectable Activity

Units

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

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