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## 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	lodine - 131 Activity pCi/L
02/11/2014	Heceta Beach	* <mda< td=""><td>*<mda< td=""></mda<></td></mda<>	* <mda< td=""></mda<>
02/12/2014	Harris Beach	* <mda< td=""><td>*<mda< td=""></mda<></td></mda<>	* <mda< td=""></mda<>
02/14/2014	Oswald West	* <mda< td=""><td>*<mda< td=""></mda<></td></mda<>	* <mda< td=""></mda<>
05/10/2014	Harris Beach	* <mda< td=""><td>*<mda< td=""></mda<></td></mda<>	* <mda< td=""></mda<>
05/12/2014	Heceta Beach	* <mda< td=""><td>*<mda< td=""></mda<></td></mda<>	* <mda< td=""></mda<>
05/15/2014	Oswald West	* <mda< td=""><td>*<mda< td=""></mda<></td></mda<>	* <mda< td=""></mda<>
08/10/2014	Harris Beach	* <mda< td=""><td>*<mda< td=""></mda<></td></mda<>	* <mda< td=""></mda<>
08/12/2014	Oswald West	* <mda< td=""><td>*<mda< td=""></mda<></td></mda<>	* <mda< td=""></mda<>
08/12/2014	Heceta Beach	* <mda< td=""><td>*<mda< td=""></mda<></td></mda<>	* <mda< td=""></mda<>
11/10/2014	Oswald West	* <mda< td=""><td>*<mda< td=""></mda<></td></mda<>	* <mda< td=""></mda<>
11/12/2014	Harris Beach	* <mda< td=""><td>*<mda< td=""></mda<></td></mda<>	* <mda< td=""></mda<>
11/17/2014	Heceta Beach	* <mda< td=""><td>*<mda< td=""></mda<></td></mda<>	* <mda< td=""></mda<>

<sup>\*</sup>Minimum Detectable Activity (MDA): The MDA is defined as the smallest quantity of radioactivity \*\* Insufficent Quantity: There was not adequate percipitation 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