



The image is an aerial photograph of a coastal area, likely near Astoria, Oregon, showing the Willamette River and its backwater effect. The river is highlighted in light blue. Three red dashed lines indicate different inundation levels: the top line is labeled '<10' inundated ~ 55%', the middle line is labeled '<12' inundated ~ 28%', and the bottom line is labeled '<14' inundated ~ 10%'. The area below the bottom line is labeled 'Entire lake inundated ~ 5%'. The map shows residential areas, industrial sites with large circular tanks, and a highway.

**<10' inundated ~ 55%**

**<12' inundated ~ 28%**

**<14' inundated ~ 10%**

**Entire lake inundated ~ 5%**

**Willamette Backwater Effect Inundation  
(Nov. thru April)**



Map created with ArcGIS