The level, in grams per millilitre, of a pollutant at different locations in a certain river is denoted by the random variable X, where X has the distribution $N(\mu, 0.0000409)$. In the past the value of μ has been 0.0340. This year the mean level of the pollutant at 50 randomly chosen locations was found to be 0.0325 grams per millilitre. Test, at the 5% significance level, whether the mean level of pollutant has changed.