

WATER QUALITY OBSERVATION PROGRAM

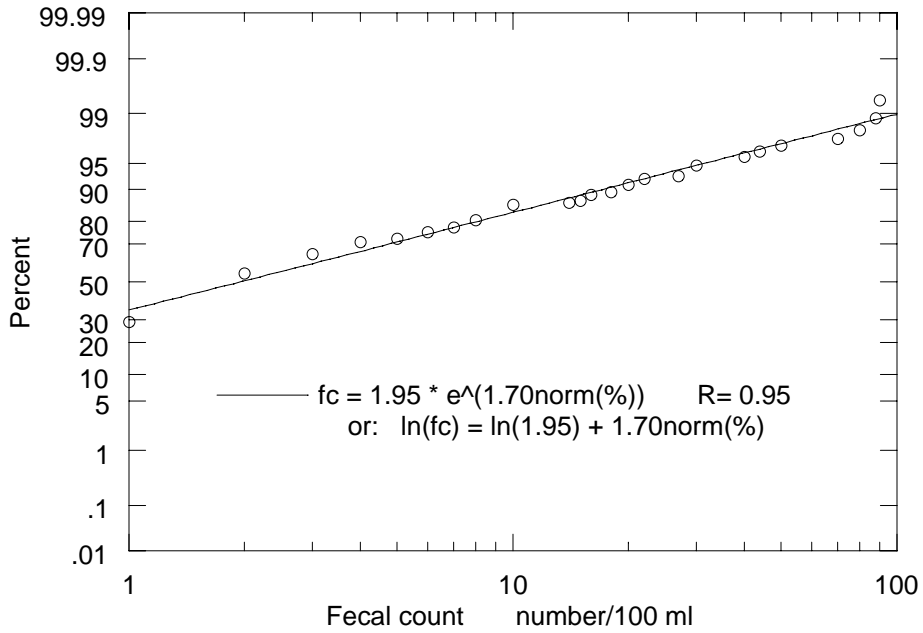
OTTY LAKE 1972 – 2002

ADDENDUM.1

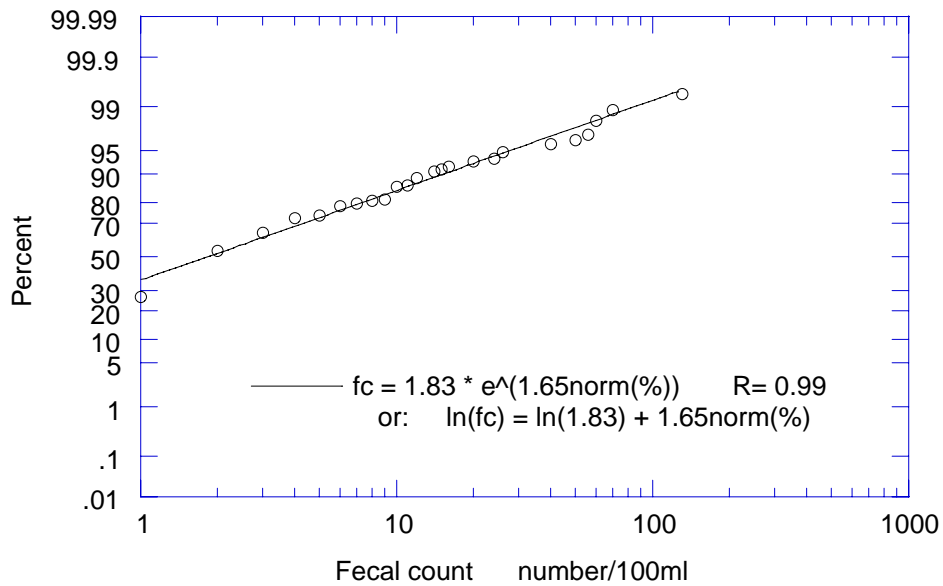
Lorne Gold

The addendum to the full report contains figures showing characteristics of the 32 stations that are considered to be visually instructive for the interpretation of the results of the analysis of thirty years of measurement of the fecal count. It has four sections, the titles of which are given below. Addendum.2, Addendum.3, and Addendum.4 include a table giving the values plotted in each respective set of figures. Addendum.1 presents lognormal probability plots for all the fecal counts for each station. This set of 5,493 counts is held by the Otty Lake Association.

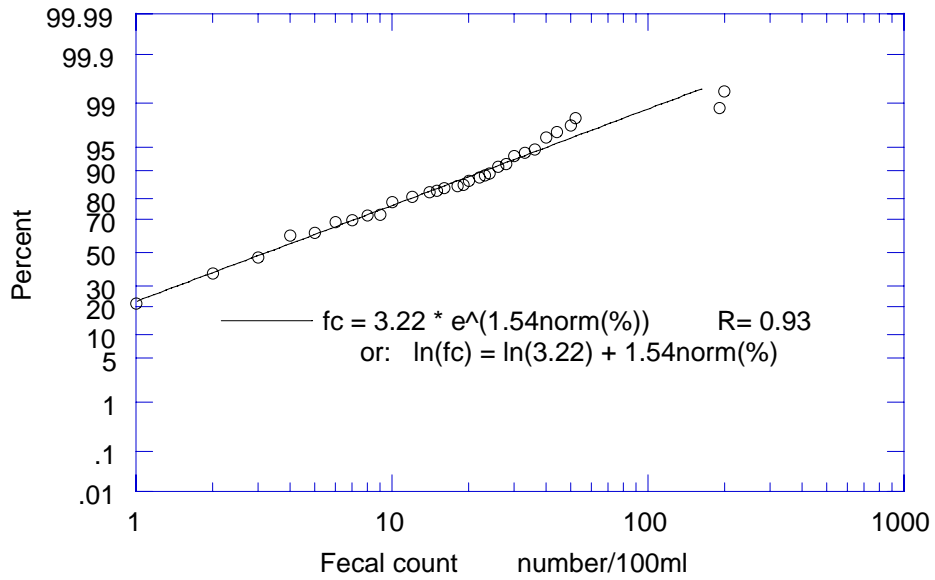
- Addendum.1** Lognormal probability plots of the measured fecal counts for each station.
- Addendum.2 Plots showing the dependence of the annual average lognormal fecal count on years for each station.
- Addendum.3 Bar charts showing the correlation of the station annual average lognormal fecal counts for the 30-year period with the corresponding values for all the other stations.
- Addendum.4 Bar charts showing the correlation between the station annual average lognormal fecal counts for a given year with the corresponding values for all other years.



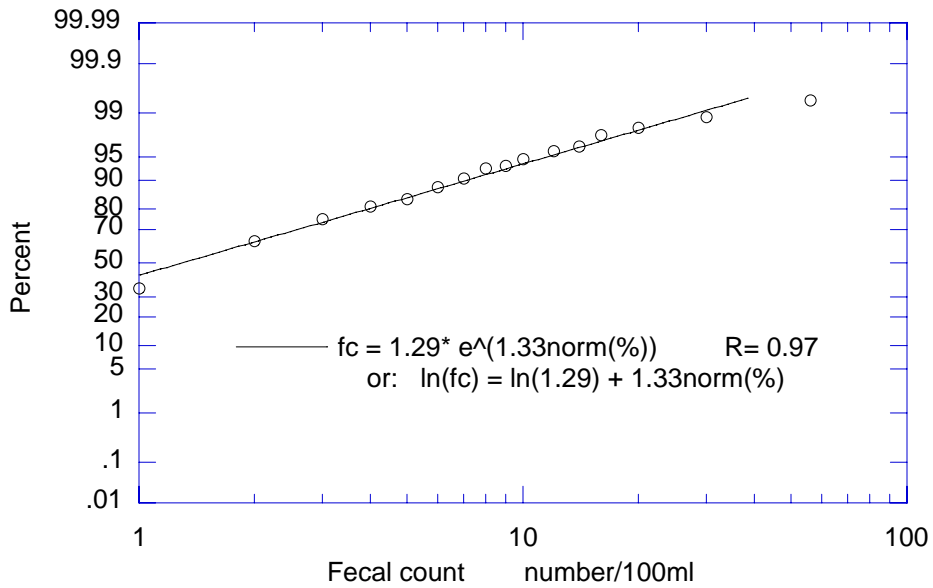
Station 1: Number of counts less than or equal to 1 is 49; total number of counts is 169



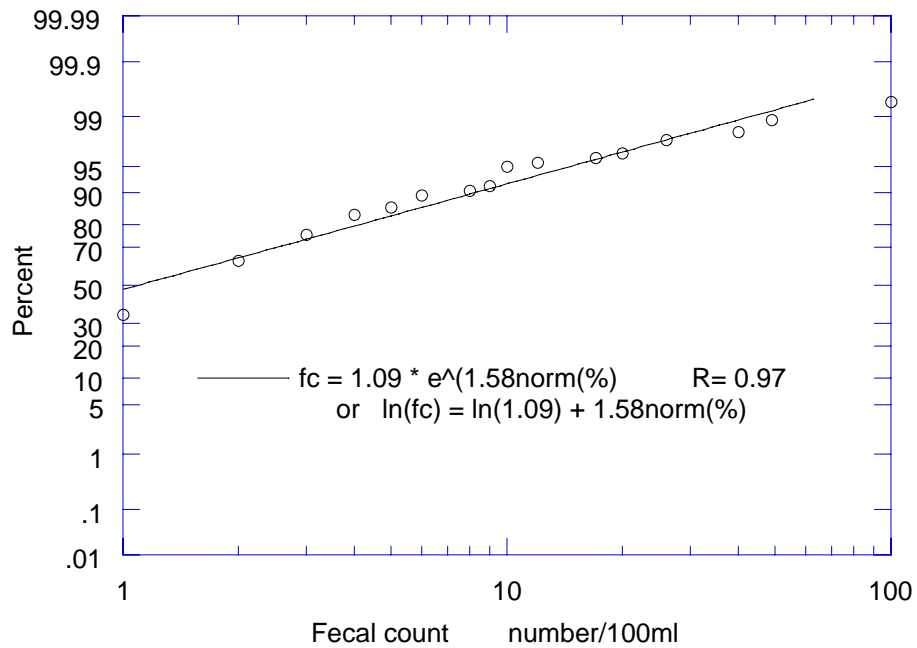
Station 2: Number of counts less than or equal to 1 is 46; total number of counts is 173.



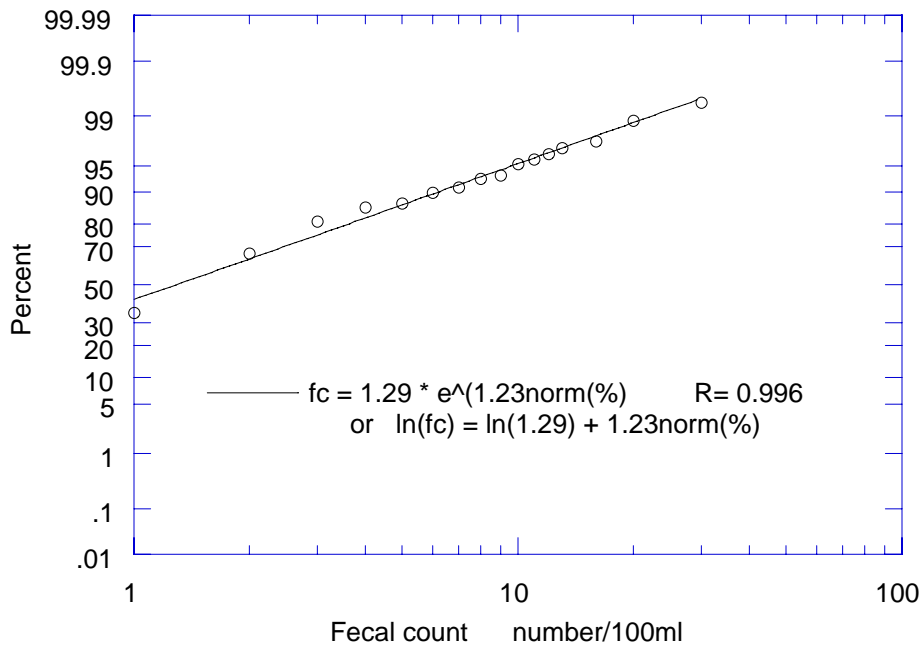
Station 3: Number of counts less than or equal to 1 is 36; total number of counts is 168.



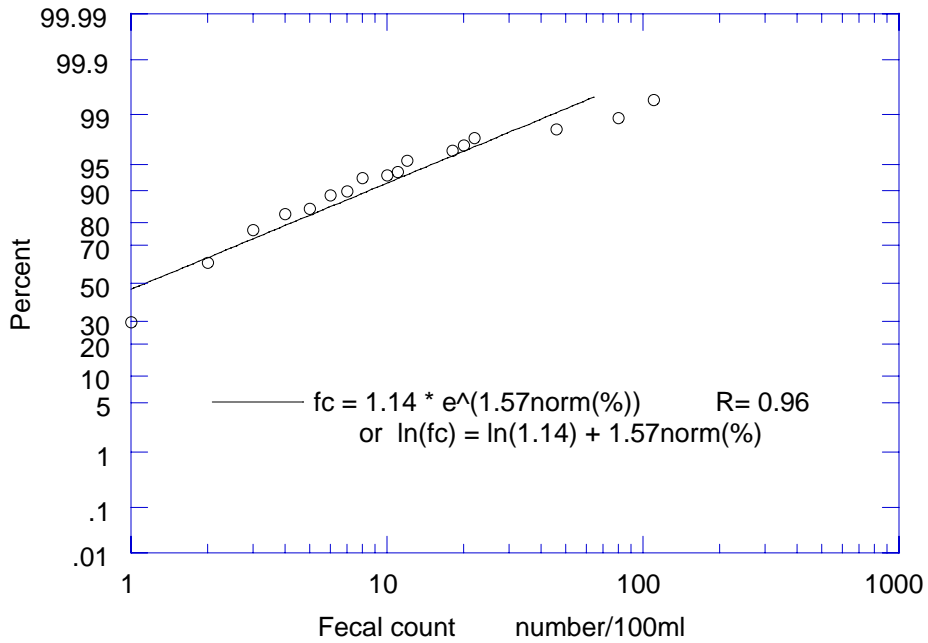
Station 4: Number of counts less than or equal to 1 is 59; total number of counts is 170.



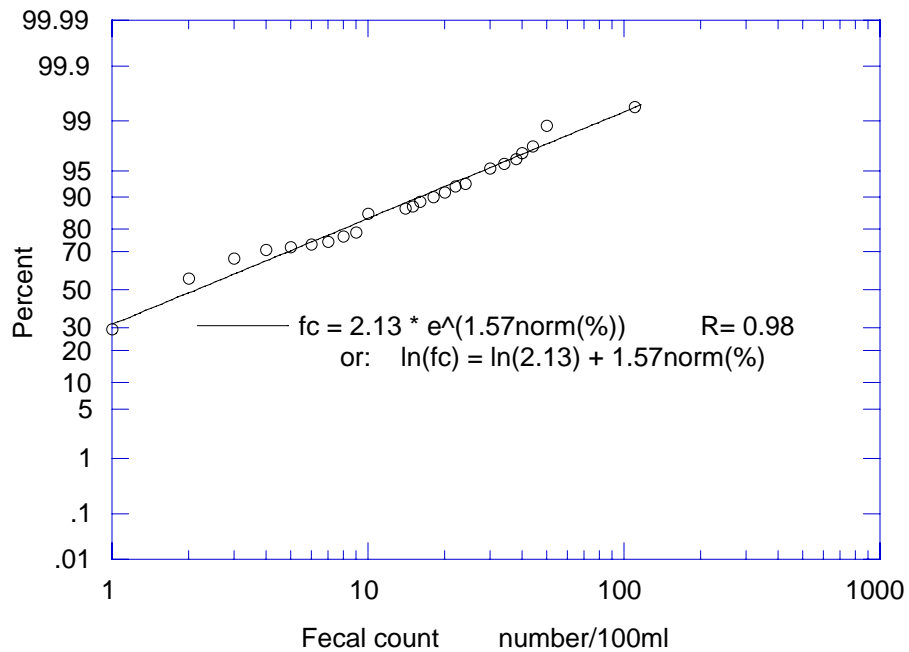
Station 5: Number of counts less than or equal to 1 is 61; total number of counts is 178.



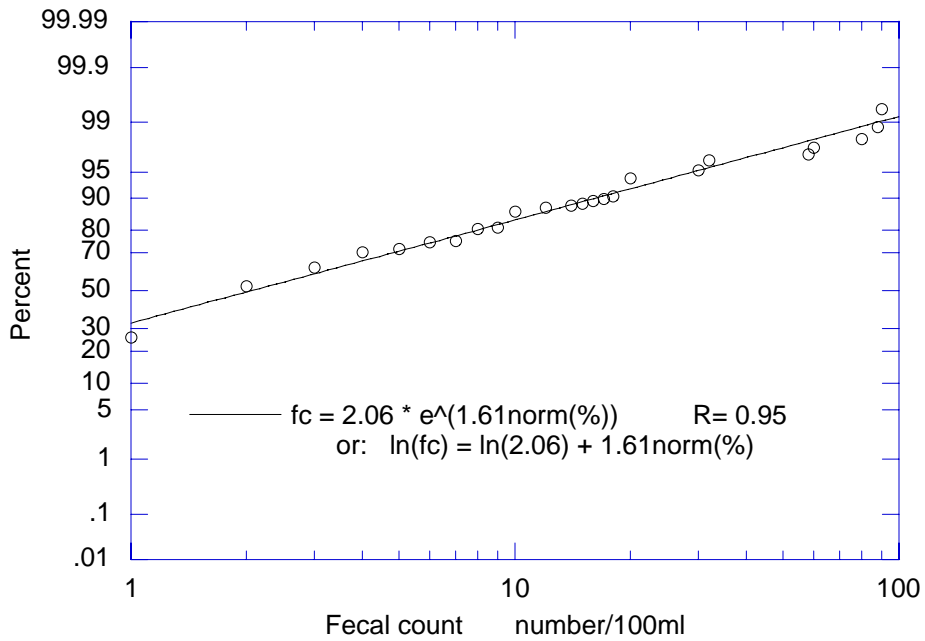
Station 6: Number of counts less than or equal to 1 is 59; total number of counts is 169.



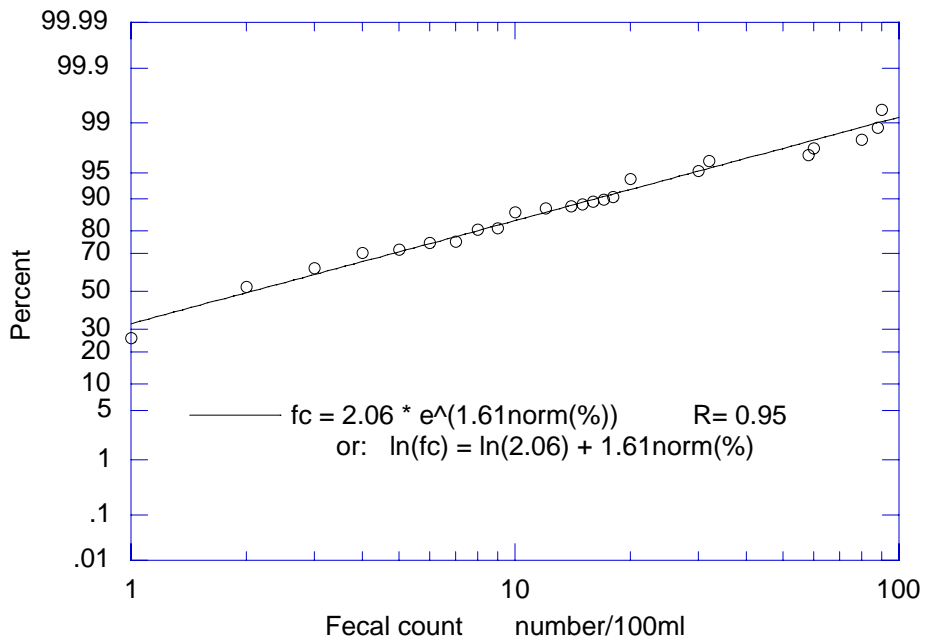
Station 7: Number of counts less than or equal to 1 is 53; total number of counts is 179.



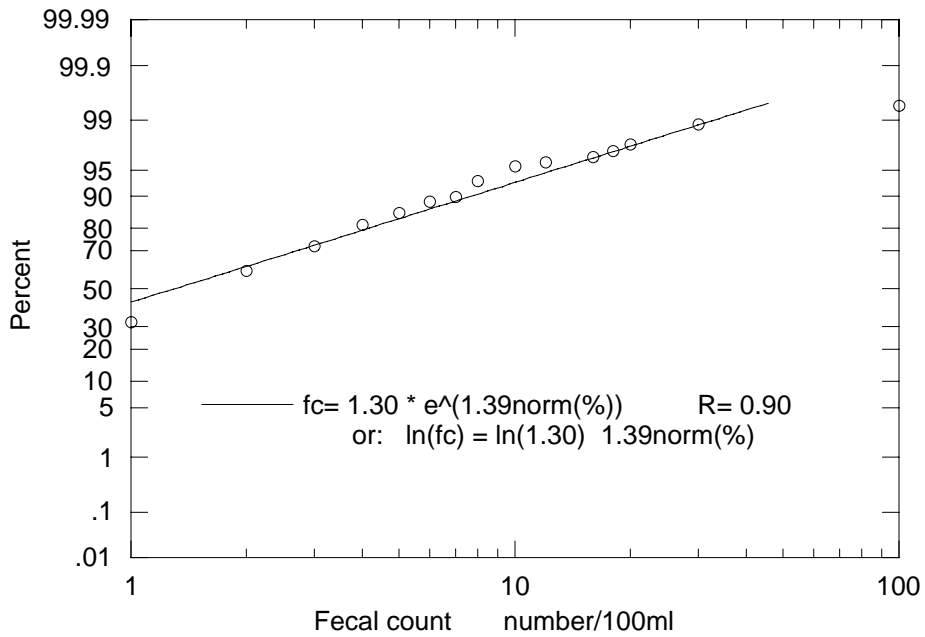
Station 8: Number of counts less than or equal to 1 is 50; total number of counts is 170.



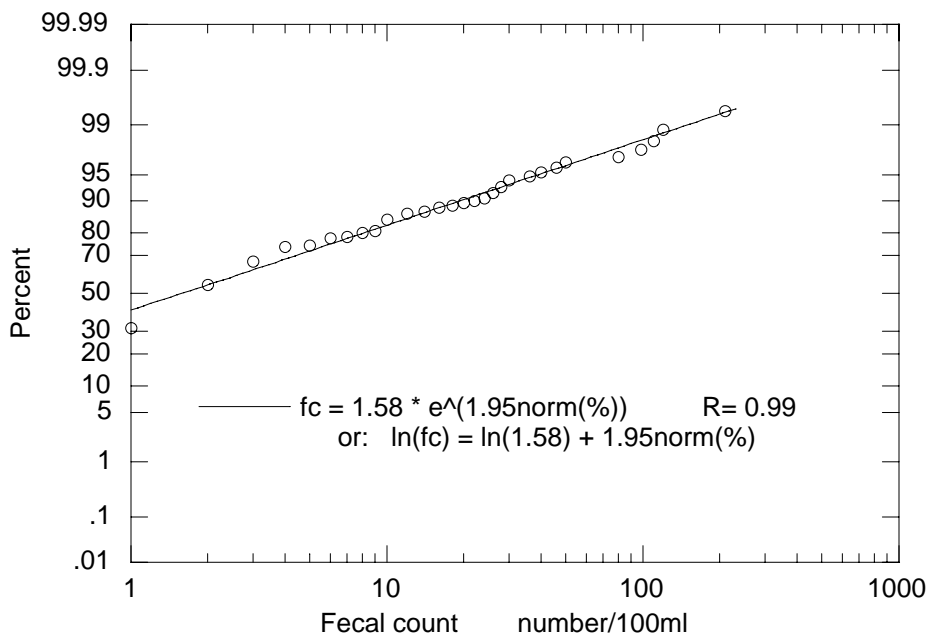
Station 9: Number of counts less than or equal to 1 is 44; total number of counts is 169.



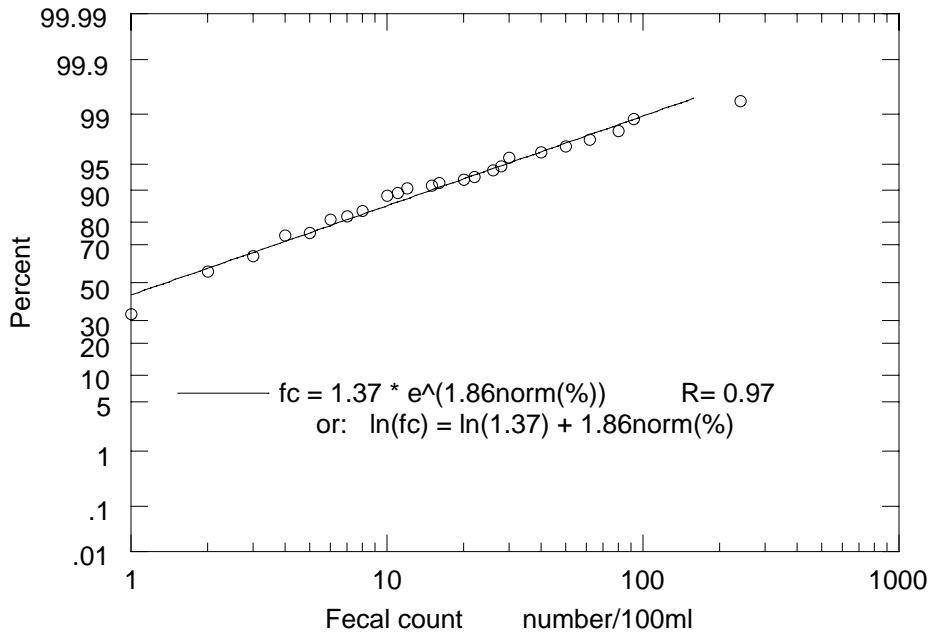
Station 10: Number of counts less than or equal to 1 is 47; total number of counts is 169



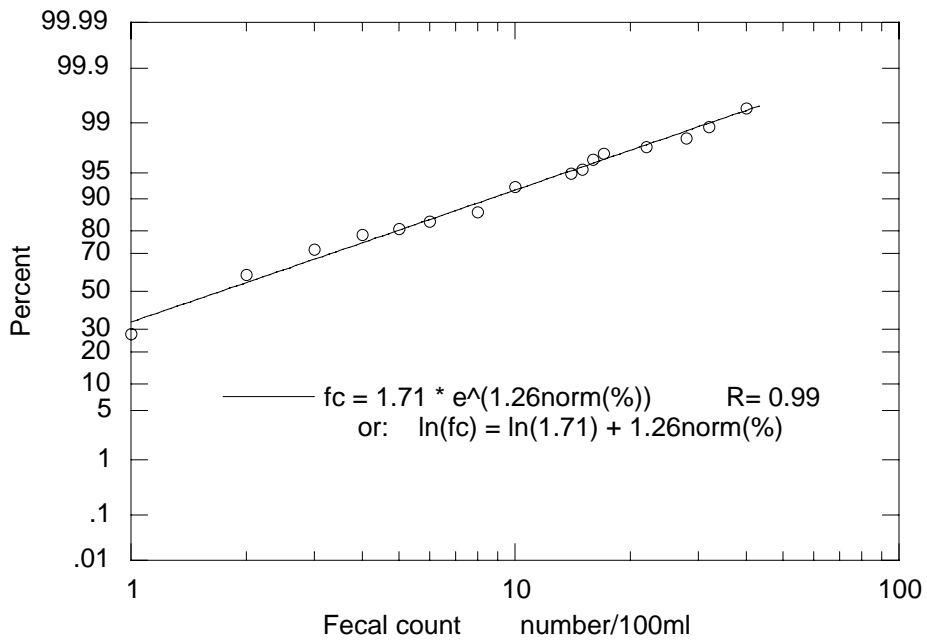
Station 11: Number of counts less than or equal to 1 is 57; total number of counts is 177.



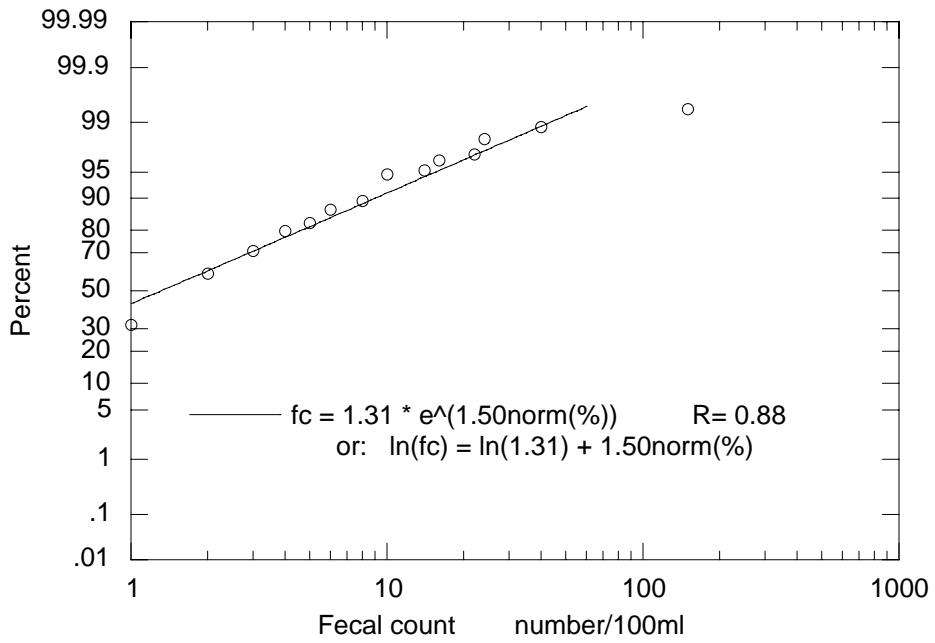
Station 12: Number of counts less than or equal to 1 is 54; total number of counts is 171.



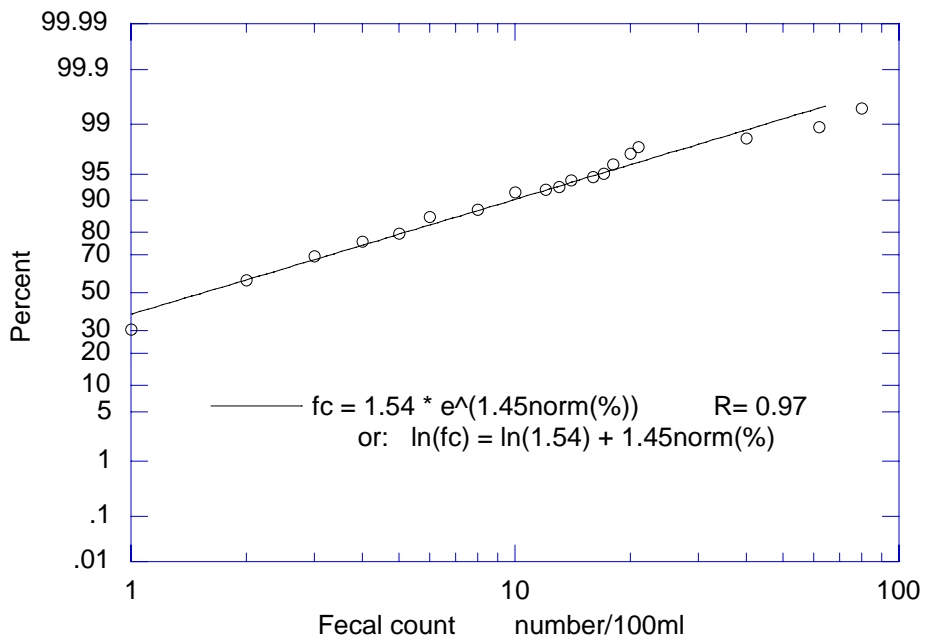
Station 13: Number of counts less than or equal to 1 is 56; total number of counts is 169.



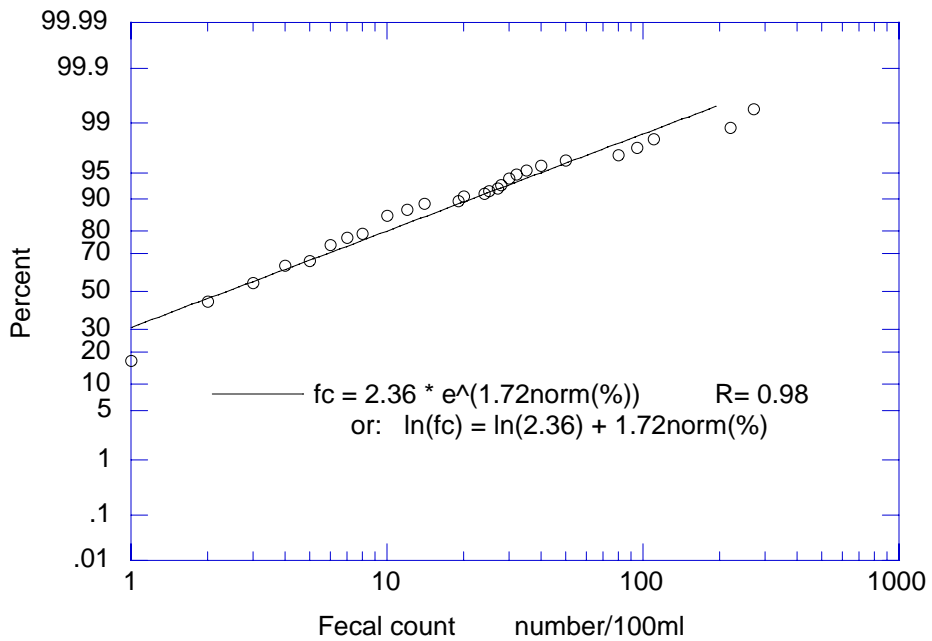
Station 14: Number of counts less than or equal to 1 is 49; total number of counts is 170.



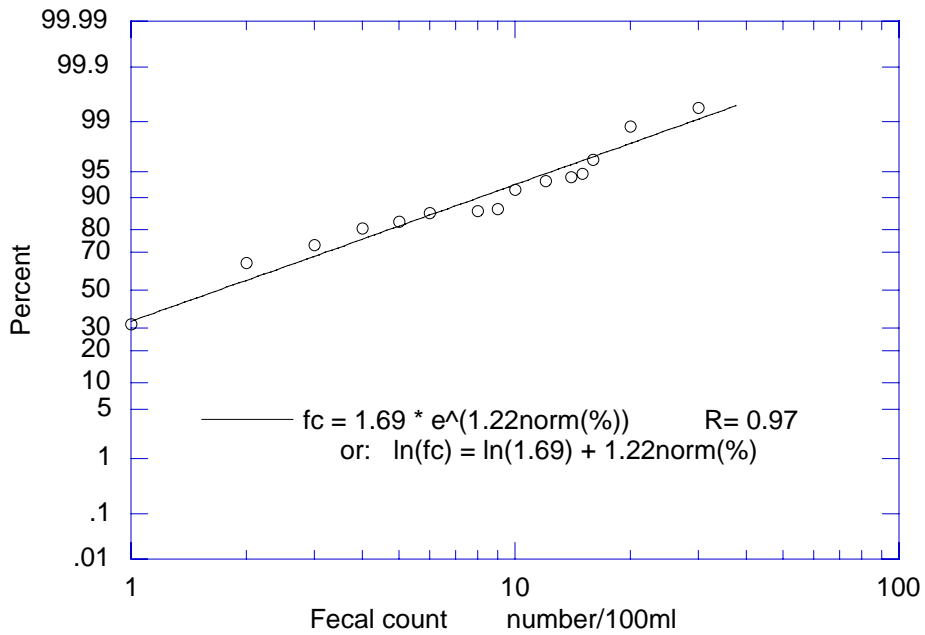
Station 15



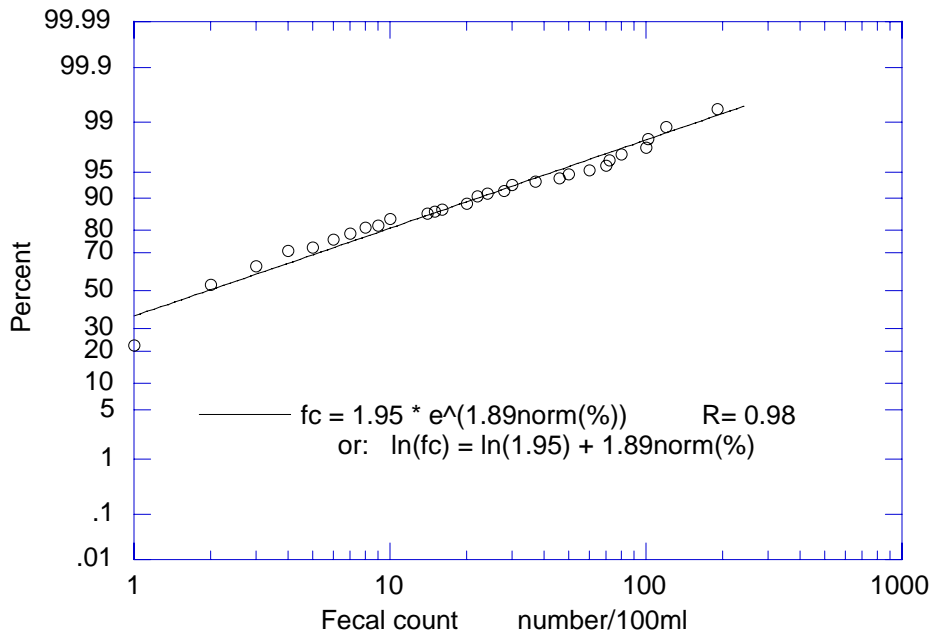
Station 16: Number of counts less than or equal to 1 is 56; total number of counts is 184.



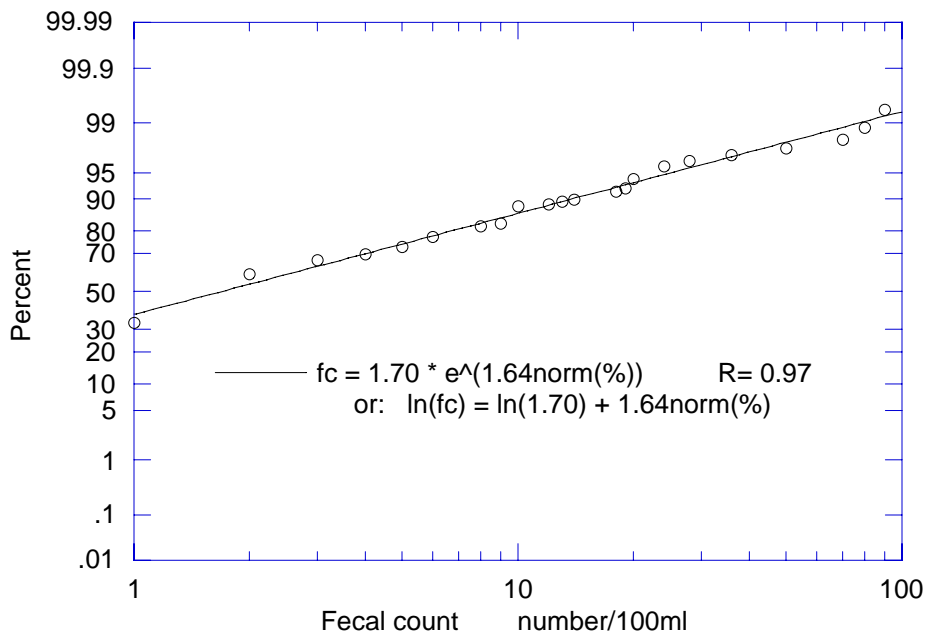
Station 17: Number of counts less than or equal to 1 is 29; total number of counts is 171.



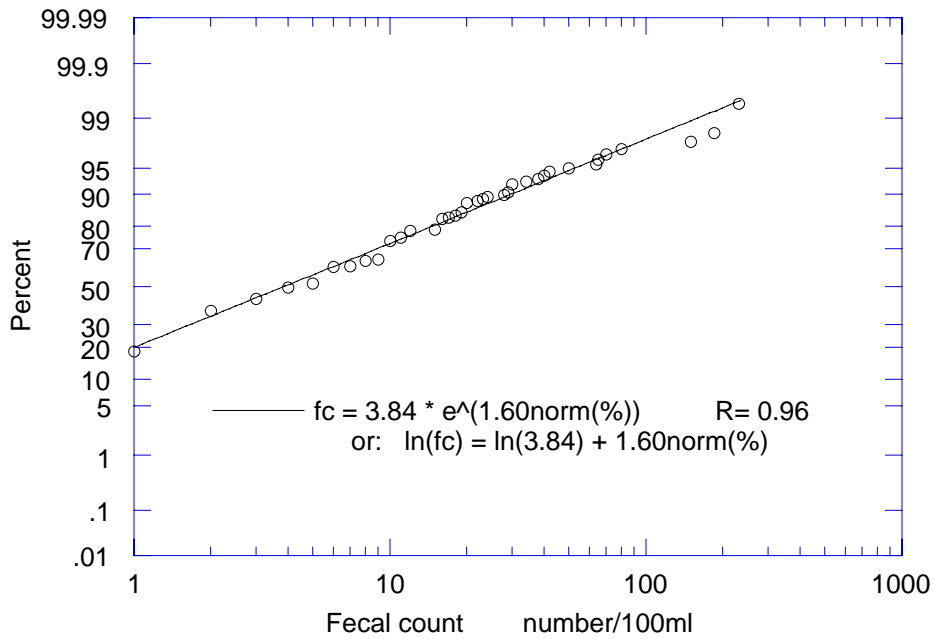
Station 18: Number of counts less than or equal to 1 is 54; total number of counts is 170.



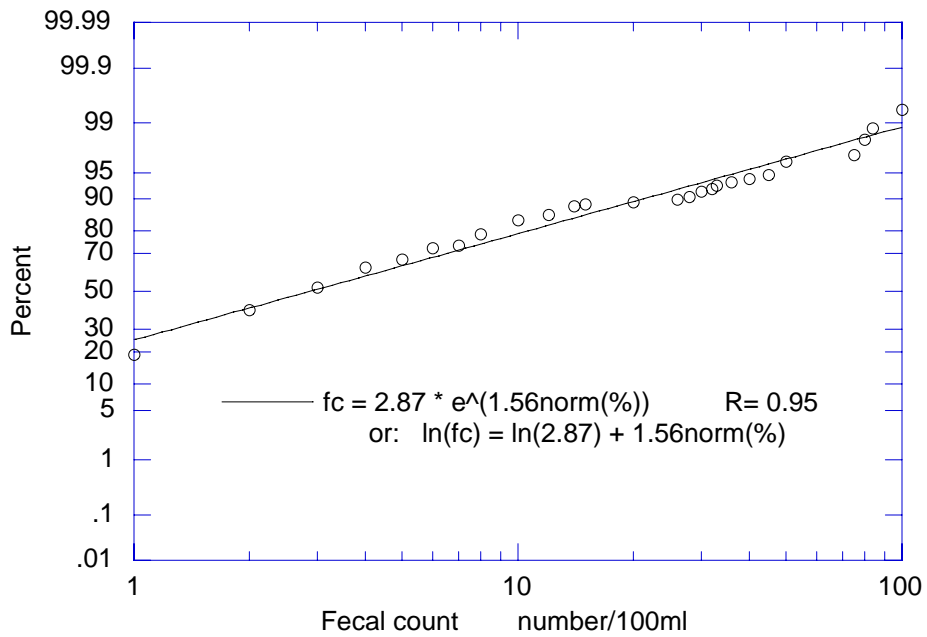
Station 19: Number of counts less than or equal to 1 is 38; total number of counts is 169.



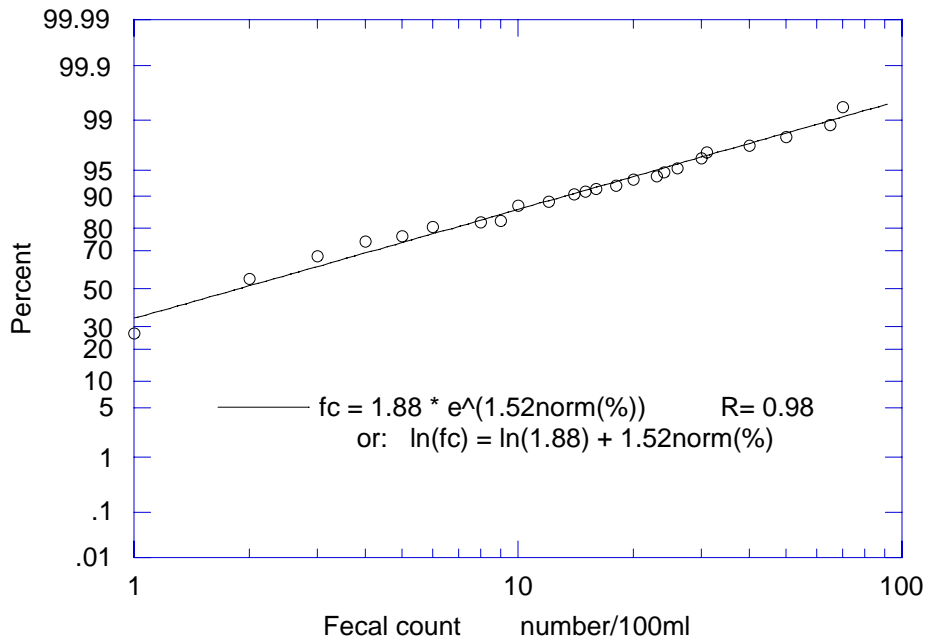
Station 20: Number of counts less than or equal to 1 is 56; total number of counts is 169.



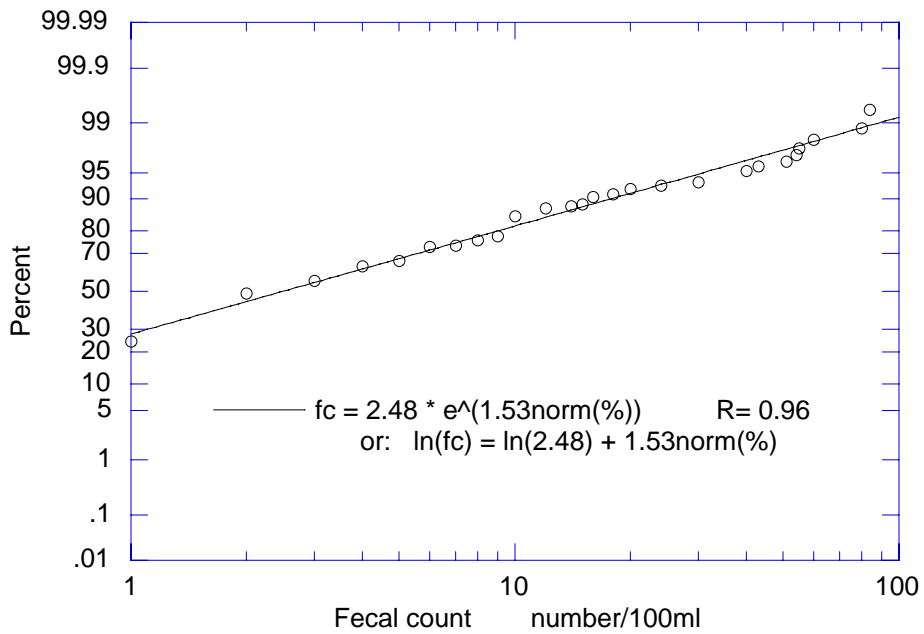
Station 21: Number of counts equal to or less than 1 is 33; total number of counts is 178.



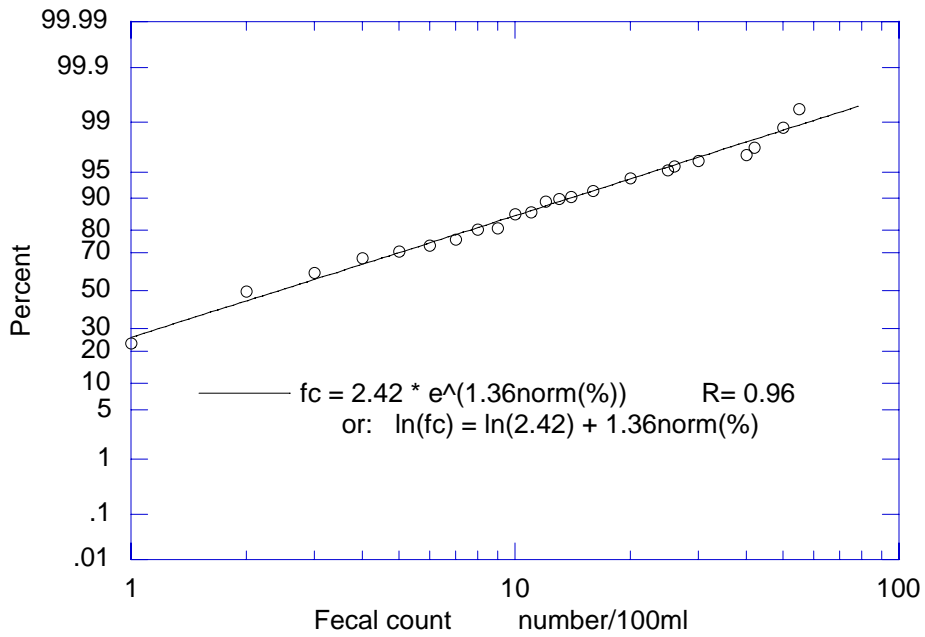
Station 22: Number of counts less than or equal to 1 is 32; total number of counts is 168.



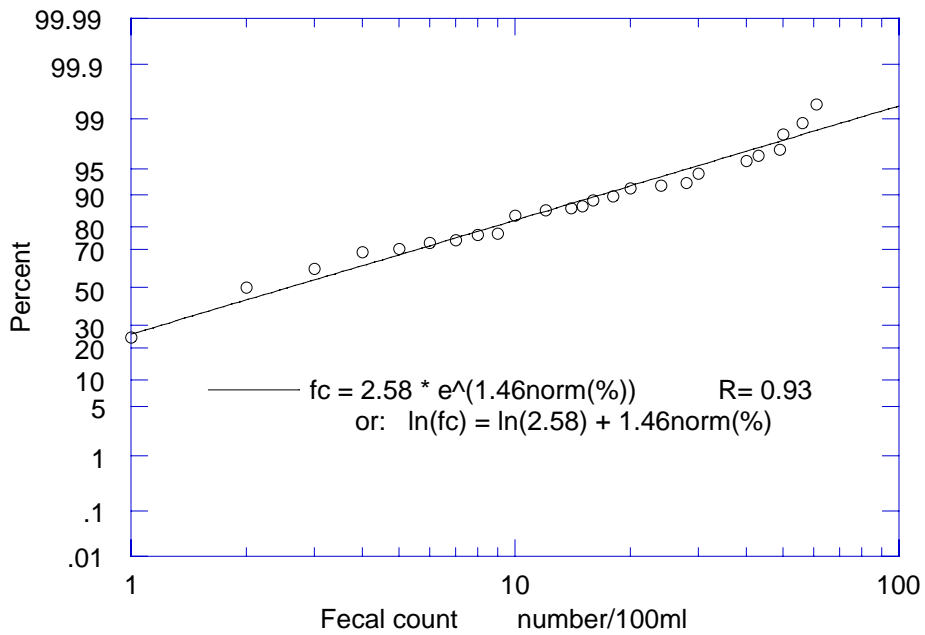
Station 23: Number of counts less than or equal to 1 is 45; total number of counts is 169.



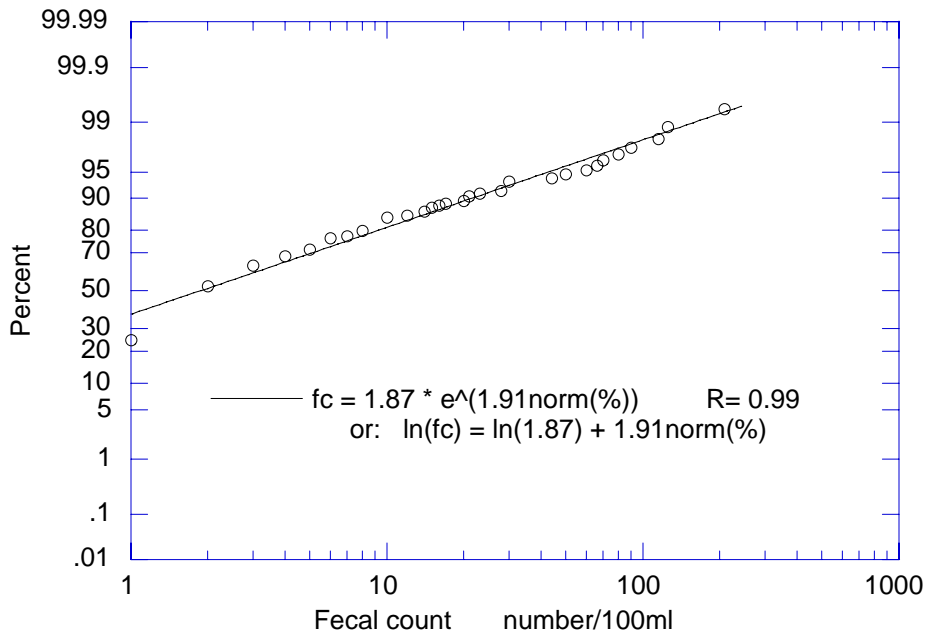
Station 24: Number of counts less than or equal to 1 is 41; total number of counts is 168.



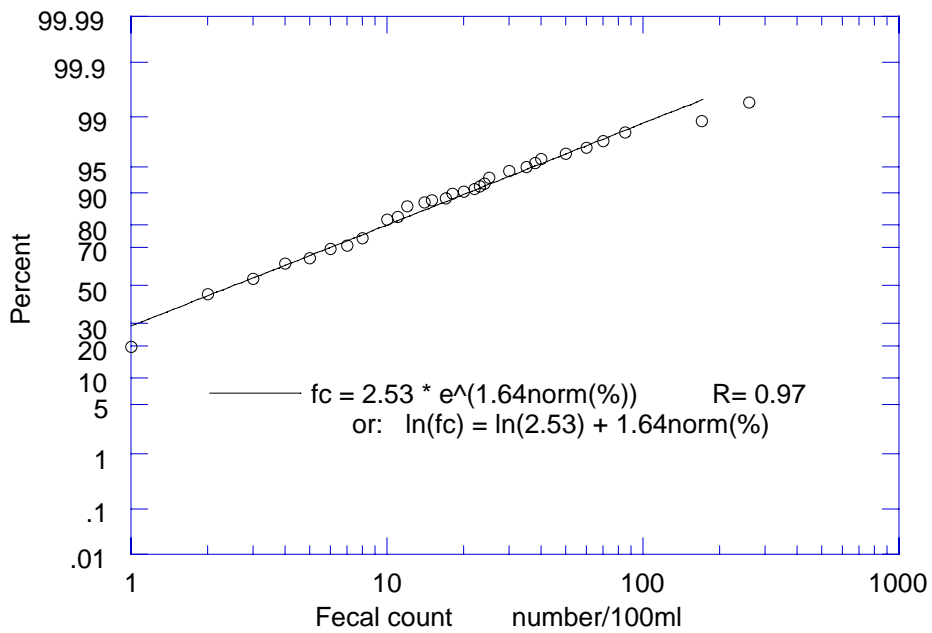
Station 25: Number of counts less than or equal to 1 is 39; total number of counts is 167.



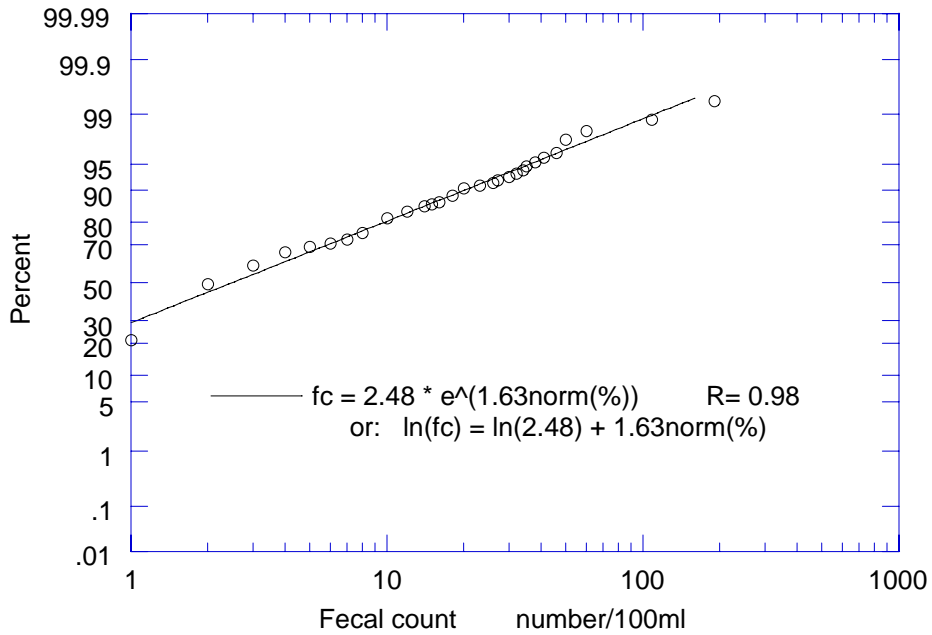
Station 26: Number of counts equal to or less than 1 is 43; total number of counts is 176.



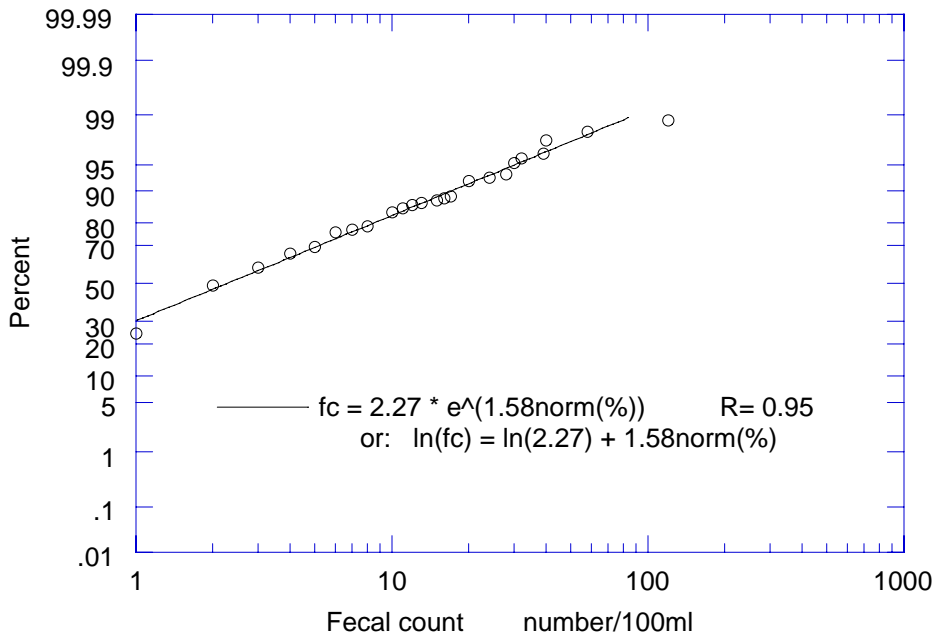
Station 27: Number of counts less than or equal to 1 is 42; total number of counts is 169.



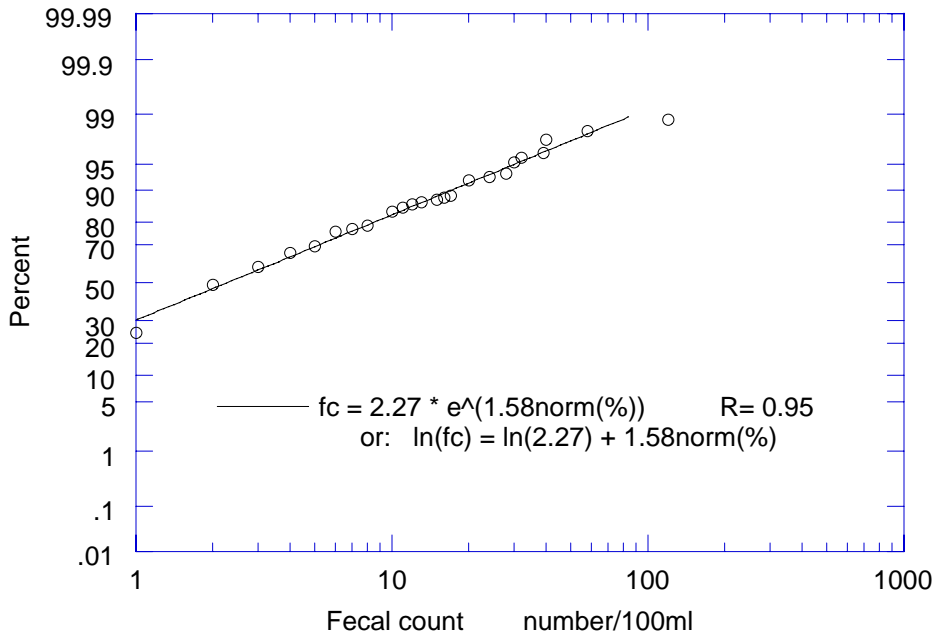
Station 28: Number of counts less than or equal to 1 is 35; total number of counts is 177.



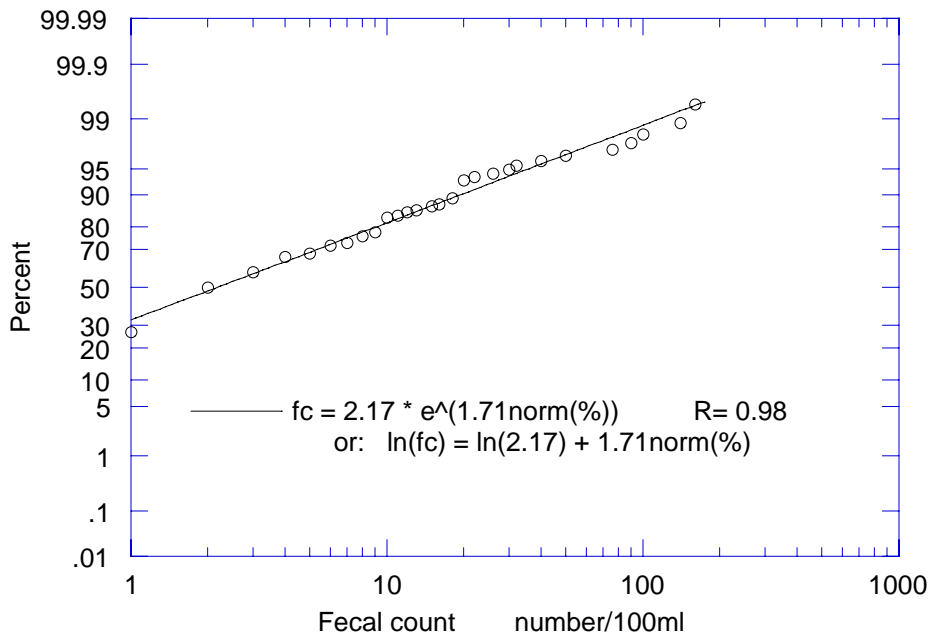
Station 29: Number of counts less than or equal to 1 is 36; total number of counts is 168.



Station 30: Number of counts less than or equal to 1 is 41; total number of counts is 168.



Station 31: Number of counts less than or equal to 1 is 31; total number of counts is 169.



Station 32: Number of counts equal or less than 1 is 47; total number of counts is 176.