



Environmental Protection Agency

Division of Surface Water

Instructions for Using the Geometric Mean Calculation Worksheet

1. The geometric mean calculation worksheet serves to ensure compliance with pathogen reduction alternative one, geometric mean of seven fecal coliform samples, as established within Ohio Administrative Code rule 3745-40-05(O)(1).
2. In order to calculate the geometric mean of seven fecal coliform samples, enter the seven individual analytical results of the fecal coliform samples in the seven “blue” boxes provided. Please note that the seven individual analytical results are to be entered as most probable number per gram (mpn/g) or colony forming units per gram (cfu/g).
3. After entering the seven individual analytical results of the seven fecal coliform samples, the geometric mean will automatically be calculated in the “green” box.
4. Enter the date that the information was added to the spreadsheet in the applicable box. The spreadsheet may then be printed and used as a record of the geometric mean calculation.
5. This information must be maintained for a minimum of five years.