

## Food and Environmental Proficiency Testing Unit

The final date for return of results is indicated on the accompanying request/report form

### Contact details:

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Results may be returned by mail or e-mail

## Wastewater - Food and Environmental Proficiency Testing Unit

### Wastewater Scheme distribution – Instruction Sheet

The distribution consists of **two** freeze dried vials containing mixtures of micro-organisms. The vial contents require reconstitution prior to examination.

Refer also to the Safety Data Sheet: [Freeze dried safety data sheet](#)

### Storage:

- Store the samples at **2 - 8°C** on receipt.

### Opening Vials:

Remove the plastic tear-off seal by positioning the vial with the arrow on the plastic flip-top pointing away from you, flip the top up then carefully but deliberately pull downwards and to the right (or the left if you are left handed) until the seal separates; then still holding onto the plastic top, gently remove altogether and discard into a sharps container

### Reconstitution:

- Open the freeze dried vial
- Aseptically remove the rubber stopper from the vial of the freeze-dried sample.
- Transfer 3.5 mL of 0.1% peptone saline (maximum recovery diluent (MRD)) that has been allowed to reach ambient temperature and allow to stand for 2 - 5 minutes. Mix the contents thoroughly.

### Enumeration testing

- Transfer 1 mL of the reconstituted vial into 1 L distilled water.

### Salmonella testing

- Transfer 1 mL of the reconstituted vial into 1 L distilled water.

### SARS-CoV-2 testing

- Transfer 1 mL of the reconstituted vial to 200 mL distilled water.

### Processing:

- Undertake the examinations listed on the request/report form between 30 - 45 minutes of reconstitution.
- Examine in accordance with routine procedures.

### Return of Results:

- Return your results by submitting results using a link sent to your laboratory.
- The distribution will be closed on the deadline date for return of results.
- Results cannot be accepted after the distribution has closed.