

Newbridge Scientific

STANDARD OPERATING PROCEDURES

Effective Date: 01/08/2023

Title: Procedure for Sample Collection: Water mineral testing

Objective: To determine if the mineral content of your water is high enough to affect either health or the aesthetic and cleaning capacities of your water.

Materials required: 100ml water pots, disposable gloves, grip-seal bags.

Method:

1. Obtain the required sampling materials from Poultry Health Services.
2. Wash hands.
3. Put on a pair of disposable gloves.
4. Complete the submission form, ensuring to include the business, farm name, age of birds, house number and date of sampling.
5. Select the sampling point, making note for future sampling.
6. If applicable, allow the water to flow for approximately 20-30 seconds prior to sampling. Only remove the container lid when the water is ready to be sampled and avoid touching the sample point with the container.
7. Please fill both containers provided.
8. The samples should be fastened inside the zip-lock bag, and placed inside a larger zip-lock bag, with the ice packs. The submission form is to be placed in the remaining zip lock bag to avoid any damage from condensing moisture.
9. Preparing ice packs: submerge the sachet in water, fabric side down to allow water absorption and the sachet to fully expand (30 minutes). Upon full expansion, remove excess water from the packs and place in a zip-lock bag, in a freezer. Once the sachet has frozen hard, the ice packs are ready to be used.

For all samples:

Plan for samples to arrive on a weekday.

Use appropriate sample numbers and containers – consult the Laboratory or supervising vet if in any doubt.

Package in a secure leakproof manner and submit on the day of sampling. If not possible, please keep samples refrigerated (not frozen)

Complete the submission form and place separately to the samples.