

Collecting Environmental Samples

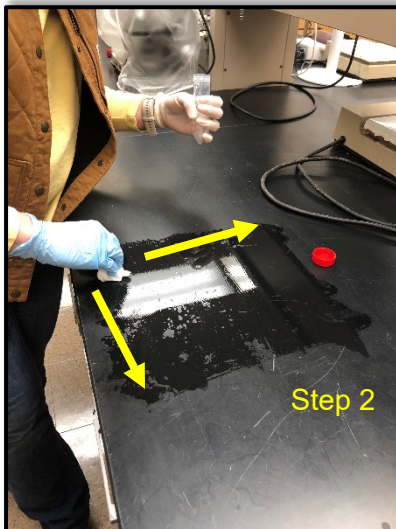
How to Collect Environmental Samples with Cotton Gauze

Supplies needed:

- Conical tube containing pre-moistened cotton gauze
- Nitrile or latex gloves
- Permanent marker



1. Put on a pair of gloves. Open the conical tube containing the cotton gauze with the non-dominant hand (in the picture on the left, it is the white gloved hand) and put the cotton gauze into the dominant hand (in the picture on the left, it is the blue gloved hand). For the remainder of the sampling, the cotton gauze should only touch the dominant hand and the sampling area (as shown in the picture below).



2. Identify a sampling surface that is approximately 8 × 8 inches (for reference, the average length of a human foot is 10 inches). Unroll the cotton gauze and pass over the desired sampling surface with 10 horizontal pushes and pulls and 10 vertical pushes and pulls (as shown in the picture on the left). Apply firm and even pressure with each pass.



3. Once sampling is complete, place cotton gauze back in the conical tube and seal it (as shown in the picture on the right). With the permanent marker, write

the following information on the conical tube: sample number, sample location, and sample date. Take off and discard used pair of gloves.

How to Collect Environmental Samples with Paint Roller Covers

Supplies needed:

- Plastic storage bag with pre-moistened paint roller cover
- Paint roller
- Paint roller extension set
- Latex or nitrile gloves
- Conical tube
- Permanent marker



1. Attach the paint roller to the extension set. Put on a new pair of gloves.

2. Open the plastic storage bag and maneuver the paint roller cover so it can be placed on the paint roller without being touched by hands or outside environment (as shown in the picture on the left). Slide the paint roller cover onto the paint roller.

3. Roll the paint roller cover over the desired sample location with 10 horizontal pushes and pulls and 10 vertical pushes and pulls (shown in the picture below on the left). Apply firm and even pressure with each pass.

4. When finished, put the paint roller cover back into the plastic storage bag, and detach it from the paint roller (as shown in the picture on the far right). Squeeze out excess air of the bag and seal the plastic storage bag.

5. Squeeze the paint roller cover in the plastic storage bag so that the liquid from the paint roller cover accumulates in the plastic storage bag (as shown in the picture below).



6. Get the conical tube, open it, open the plastic storage bag, and pour the liquid from the plastic storage bag into the conical tube (as shown in the picture on the right). There should be approximately 20 mL of liquid in the conical tube. If not, add 20 mL of pre-moistening solution, and squeeze the liquid out of the paint roller cover. Repeat this process until 20 mL has been collected from the paint roller cover. Once 20 mL are collected, seal the

conical tube, take the permanent marker and write the following on the tube: sample number, sample location, and sample date. Take off and discard used pair of gloves.



How to Collect Environmental Samples with Stick Sponges

Supplies needed:

- 3M sponge sticks (3M reference number: SSL10BPW)
- Latex or nitrile gloves
- Permanent marker

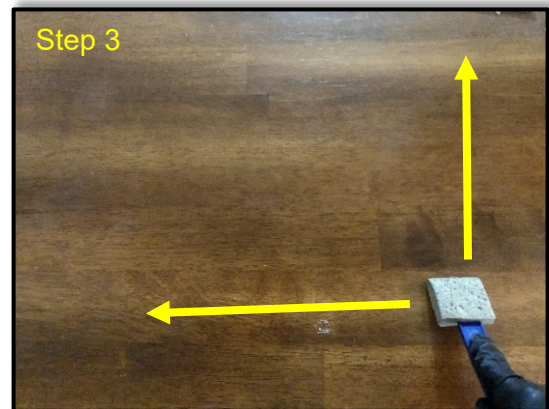


1. Put on a new pair of gloves. Pull the red tabs on the bag away from each other to open the plastic storage bag (see picture on the left).

2. With one hand, maneuver the blue stick from outside the bag so the other hand can grab the blue stick without reaching into the bag (see picture on the right).



3. Identify a surface that is approximately 8 × 8 inches (for reference, the average length of a human foot is 10 inches). Swab the desired located with 10 horizontal pushes and pulls then 10 vertical pushes and pulls of the stick sponge across the sampling surface (as shown in the picture on the right). Apply firm and even pressure with each pass.



4. Place sponge back in the bag, ensuring the blue stick does not touch the inside of the bag. Disconnect the sponge from the blue stick (shown in the picture on the left).

5. Squeeze out excess air of the bag, fold down the top, and seal with the blue metal tabs on the side (shown in the picture on the right). With the permanent marker write the following on the bag: sample number, sample location, and sample date. Take off and discard used pair of gloves.

