

WDNR Sampling Guide

Please refer to the instructions below for the sampling requirements for the following analyses. The following analyses require their own container. Please contact your Project Manager with any questions about other analyses. Refer to page 3 of this guide for Terra Core® Sampling Instructions.

WDNR DRO

Requirements:

25 grams of sample

Must be placed directly into a pre-weighed glass container.

** Actual sample weight cannot exceed 35 grams.*

What's included in a sample set:

1- Pre-weighed 125ml/4 oz. glass jar labeled with "WDNR DRO" on the lid

1- 5 gram Terra Core® sampler

Sampling Instructions:

1. Use the Terra Core sampler to extract a 5 gram core of soil and drop the sample into the pre-weighed glass jar.
2. Repeat the process an additional four times until a total of 5 cores (25 grams) of sample are present in the jar.
3. Place the WDNR DRO-marked lid on the jar and fill out all relevant sample information on the label, making sure not to cover the weight present on the label.

Requirements:

5 grams of sample to 5 ml of Methanol

The ratio of sample to methanol must remain 1:1

** Sample must be preserved with Methanol and placed into a vial with a septa cap*

What's included in a sample set:

1- Pre-weighed 44 ml VOA vial with 5 ml of Methanol

1- 5 gram Terra Core® sampler

Sampling Instructions:

1. Use the Terra Core sampler to extract a 5 gram core of soil and drop the sample into the pre-preserved, pre-weighed vial. Ensure the vial is kept upright and that no preservative leaks out.
2. Ensure the vial threads are free of debris and screw the cap tightly onto the vial.
3. Fill out all relevant sample information on the label. Make sure not to cover the weight on the label.

Requirements:

5 grams of sample to 5 ml of Methanol

The ratio of sample to methanol must remain 1:1

** Sample must be preserved with Methanol and placed into a vial with a septa cap*

What's included in a sample set:

1- Pre-weighed 44 ml VOA vial with 5 ml of Methanol

1- 5 gram Terra Core® sampler

Sampling Instructions:

1. Use the Terra Core sampler to extract a 5 gram core of soil and drop the sample into the pre-preserved, pre-weighed vial. Ensure the vial is kept upright and that no preservative leaks out.
2. Ensure the vial threads are free of debris and screw the cap tightly onto the vial.
3. Fill out all relevant sample information on the label. Make sure not to cover the weight on the label.

Terra Core® Sampling Instructions

Note: The Terra Core® sample is a single use device. It cannot be cleaned and/or reused.



Step 1

Have ready a 44ml glass VOA vial containing the appropriate preservative. With the plunger seated in the handle, push the Terra Core® into freshly exposed soil until the sample chamber is filled. A filled chamber will deliver approximately 5 grams of soil.



Step 2

Wipe all soil or debris from the outside of the Terra Core® sampler. The soil plug should be flush with the mouth of the sampler. Remove any excess soil that extends beyond the mouth of the sampler.



Step 3

Rotate the plunger that was seated in the handle top 90° until it is aligned with the slots in the body. Place the mouth of the sampler into the 44ml VOA vial containing the appropriate preservative, and extrude the sample by pushing the plunger down. Quickly place the lid back on the 44ml VOA vial.

Note: When capping the 44ml VOA vial, be sure to remove any soil or debris from the top and/or threads of the vial.