



National Atmospheric Deposition Program

Bag Sampling Supply Box

The National Trends Network (NTN) is transitioning from bucket to bag sampling. Bag sampling will use a polyethylene-mylar bag, which the operator will load into modified buckets every week. This switch from sampling with a new bucket every week to using sample bags will reduce the need to wash the buckets after each use. This in turn will reduce the frequency of shipping between the sites and the lab, reducing the annual shipping costs for sites.

The number of supplies provided to sites will change from 6 weeks to 9 weeks-worth of supplies. These are the contents of the Bag Sampling Supply box.

1. 1L bottles (9) – There is no change in bottles, the sample collected in the bag will still be decanted into the 1L bottle.
2. Sample shipping boxes (9) – There is no change in the sample shipping boxes.
3. Bucket Lids (10) – All sites will now use the same lids (FLID – flexible lid).
4. Field Forms (9) – There is no change to the field form at this time. **On the first week that bag sampling is performed, please write “First bag sample” in the Remarks block on the field form.**
5. Sampling bags (10) – The sample bags are pouched into quantities of 10 bags (9 weeks-worth plus one extra).
6. Poly Mailer (1) – A poly mailer is being provided to ship the FLIDs back to the Central Analytical Laboratory (CAL) for cleaning. **When there are only 3 clean FLIDs remaining, package up the used FLIDs and ship them back.**
7. Practice bag (1) - A loose sample bag for training/practice purposes. Do not use this bag for weekly sampling.
8. Returned Supplies labels (2) – Place these labels on the top of any large supply boxes (clean or dirty) that you return to the lab once you have switched to bag sampling.

Summary

- Transition to bag sampling as soon as you can following receipt of these supplies.
- Return all old supplies from bucket sampling (clean and dirty) to the CAL as soon as possible following your transition to bag sampling.
- The other sampling supplies: handheld vacuum, modified buckets, bucket straps, bucket plugs, and gloves will be shipped in a separate box. If the starter kit box is not received, please contact us.

If you have any questions or concerns or the bag sampling supply box is missing any of the above items, please contact the NADP Site Liaison immediately at 1-800-952-7353 or ntn@slh.wisc.edu.