



MDN Lid Seal Change-out, N-CON Collector

Items needed:

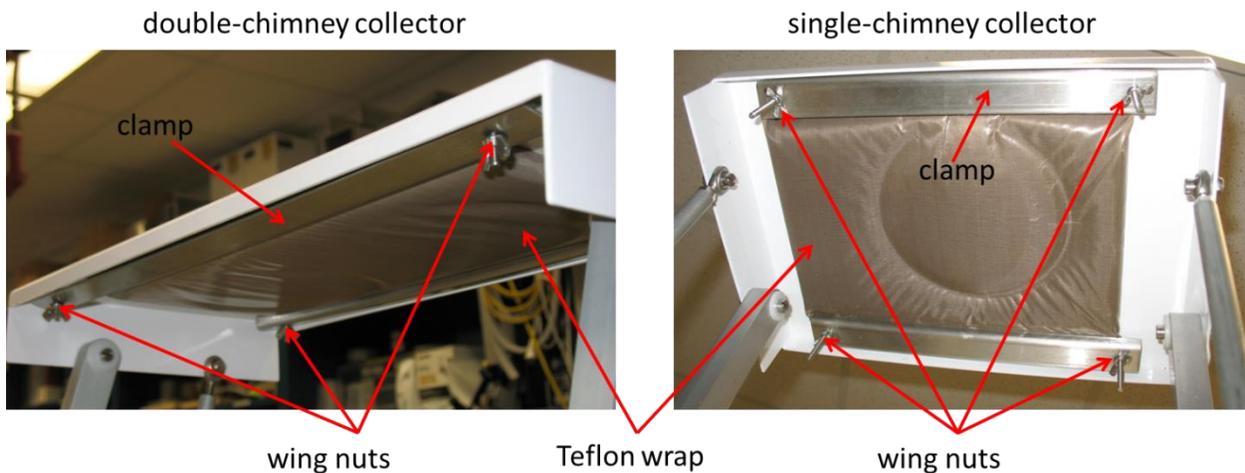
- new lid seal
- fresh (< 6 months old) deionized or distilled water in a plastic squeeze bottle
- paper towels or lab wipes (e.g., Kimwipes^{*})
- MDN Observer Form (MOF) for current week's sample

Precaution:

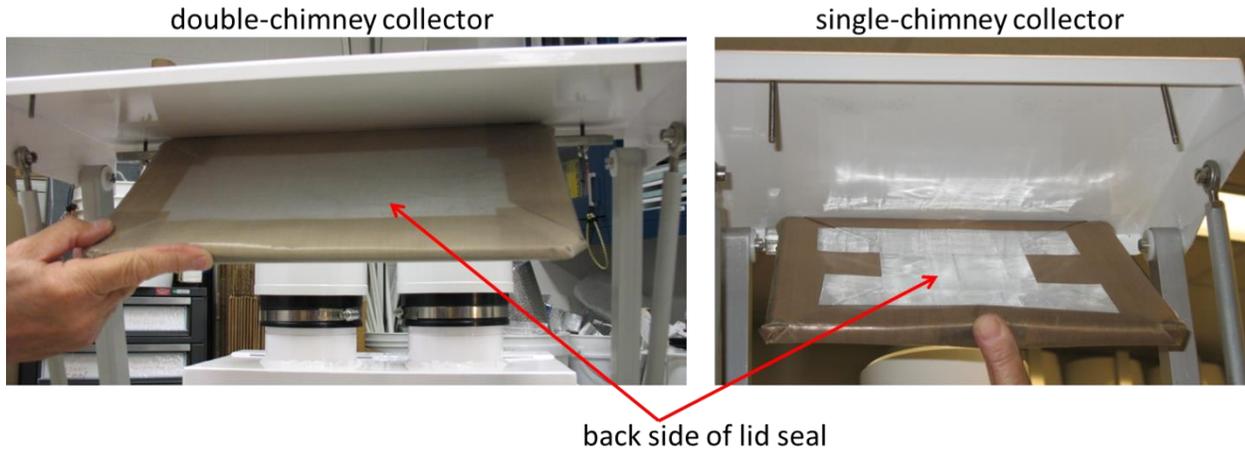
Complete this work after collecting the previous week's sample, but before the sample bottle and glass sample train (i.e., funnel and thistle tube) for the current week's sample is deployed.

Instructions:

1. If the collector is not already in the open position, trigger the collector to open. The sample bottle and glass sample train should be removed already, as noted in the **Precaution** above.
2. Turn off power to the collector when the lid clears the chimney(s).
3. Loosen the 4 wing nuts that secure the clamps (front and back) that hold the lid seal in place. **Note:** it may be necessary to remove one of the clamps (and its wing nuts) in order to remove the old lid seal.



4. Remove old lid seal and set aside for return to the HAL.
5. Insert the new lid seal, Teflon side down, so it faces the bucket opening. Do not remove the Teflon wrap from the lid seal.



6. Secure the clamps by tightening the 4 wing nuts.
7. Moisten a lab wipe (e.g. Kimwipes) or paper towel (non-print/colored) with milli-Q or deionized water. Wipe down the newly installed lid seal.
8. In Block 9 **Remarks** of the MOF, record the date and time that the lid seal was replaced.

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| <p>9. REMARKS <i>For example: equipment malfunction, extreme weather conditions, contamination, farming, burning, logging, leakage, etc.</i></p> <p><i>Lid pad replaced at 8:45 am on 07/10/2012.</i></p> |
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9. Return old lid seal to the HAL so the aluminum backing plate can be re-used. The old lid seal may be shipped in the cooler containing last week's sample bottle.