

# IMPORTANT SAMPLING CONTAINER UPDATES - MAXXAM BRITISH COLUMBIA

TECHNICAL BULLETIN

## Summary

### Sample Volume and Container Reductions

### Changes to 100 mL Amber Glass Caps

Maxxam is the Canadian market leader in analytical services and solutions to the energy, environmental, food and DNA industries and a member of the Bureau Veritas Group of companies – a world leader in testing, inspection and certification services. We support critical decisions made by our customers through the application of rigorous science and the knowledge and expertise of our over 2500 employees.

If you have any further questions or concerns regarding these sustainability initiatives, please do not hesitate to contact your Maxxam representative.

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Maxxam has always fostered a commitment to sustainable innovation in the field of environmental and analytical sciences. In support of these values, Maxxam would like to notify you of upcoming modifications to reduce sample volumes, container sizes and required quantities. Bottle orders with new sampling supplies will start to ship on Tuesday, May 19, 2015. This initiative is intended to be a gradual phase-out of larger volume containers, so Maxxam will continue processing and analyzing all submissions, regardless of container size. Consequently, there is no need to discard or return to Maxxam any containers that have been stocked. If you choose to return containers, please contact us for economical shipping options.

## Summary

Although the volume container reduction is a national initiative at Maxxam, the information in this document is only reflective of changes taking place in British Columbia. Each province will be issuing technical memorandums to outline regional specific changes. For samples received by our laboratories in British Columbia from other regions, we will continue accepting containers and preservatives as prescribed in those regions.

The upcoming container volume improvements will not impact data accuracy, precision, method sensitivity (i.e. - no change to RDLs) or our ability to provide regulatory and project specific detection limits.

These changes will have the following benefits for your sampling and analytical programs:

- Reduced sampling time for field personnel.
- Decreased weight of sampling supplies transported to and from project sites.
- Reduced shipping costs, as less weight is required per sample.

## Sample Volume and Container Reductions

Parameter	Old Container	New Container as of May 19
<b>Water</b>		
EPH, CCME F2-F4	1 x 250 mL AG	2 x 100 mL AG <sup>1</sup>
PAH	2 x 250 mL AG	2 x 100 mL AG <sup>1</sup>
LEPH/HEPH	3 x 250 mL AG	2 x 100 mL AG <sup>1</sup>
BTEX/VPH, CCME BTEX, F1	3 x 44 mL V	2 x 44 mL V
VOC	3 x 44 mL V	2 x 44 mL V
Glycols	1 x 100 mL AG	2 x 44 mL V

AG - Amber Glass; P - Plastic; V - Vial

1 - When filling the 100 mL Amber Glass bottles, please only fill to the top of the shoulder below the bottle neck.

## Changes to 100 mL Amber Glass Caps

Maxxam has also introduced septum caps (similar to VOCs) for the 100mL containers. These caps maintain a tighter seal and are superior to solid caps used previously which are more prone to breakage during shipment.