

## Summer 2016 - IWRC River water sampling instructions

'Snap shot in time surveys' will be conducted on the following days:

- Canada Day weekend (July 2<sup>nd</sup> - 3<sup>rd</sup>),
- the last weekend of July (July 30<sup>th</sup> -31<sup>st</sup>)
- the last weekend of August (27-28<sup>th</sup>).

Day of Sampling: For each survey weekend, two dates are listed for the snap-shot-in-time surveys (Saturday and Sunday). The Saturday of each weekend is the preferred (first choice) sampling date. However, if it is raining on the Saturday, wait until Sunday to sample (second choice). Please collect a sample on the Sunday even if it is raining and record the weather conditions on the sample information sheet.

It is recommended that samples be taken as close to flowing water as is safely possible (for example, from the end of a dock or from a boat rather than at the river's edge).

Once you are ready to sample submerge the sample bottle into the river as deep as you can below the surface, remove the top and allow the bottle to fill. Remove the sampling bottle from the water and screw the cap on. Due to the cone insert on the lid, the bottle should slightly overflow when you do this. If the cone insert does fall out of the cap it can be pushed back into the cap. Flip the bottle upside down and tap it gently with a finger to make sure there aren't any large air bubbles. A small air bubble is perfectly okay. If there is a large air bubble empty the sample and repeat the procedure.

Please label your sample bottles with the date and your last name on the cap or bottle (e.g. 1-Jul-16, James). Store samples in a cool dark place such as a fridge or cupboard until you are ready to mail them. In your sampling kit there will be a return envelope with the return address and postage attached.

**Please ensure that for each sample you collect you are completing a sample information sheet.**

(see opposite side for photos).



Lid with cone insert



A bubble of water will sit on top of the sample



Too large of an air bubble



Acceptable sized air bubble



Example of labeled sample bottle  
(Eg. Date: July 1<sup>st</sup>, 2016, Last name: James)