



## QUESTION AND ANSWER NUMBER 2

### SOLICITATION 5000040608

#### Question 1:

It appears reasonable to assume that the target of 'Toxaphene (technical)' and the reporting limits defined therein are intended to relate to a total of all congeners present in a sample.

The inclusion of Toxaphene (technical) within the Table 10 while maintaining the same acceptable/desired RLs as the other required pesticides seems inconsistent and perhaps unrealistic to be provided within a single analytical procedure. Technical Toxaphene is a mixture of hundreds of chlorinated organic compounds with no single peak or congener being greater than ~2% of the total mass. In correlation to expected instrument responses, the detectability of total Technical Toxaphene is therefore approximately 50-fold to 100-fold higher than each individual congener observed at a significant level. Can ECCC revise the Table 10 desired/acceptable RLs for 'Toxaphene (technical)' to a level compatible with the required single component targets in Table 10?

#### Answer 1:

Environment and Climate Change Canada has reviewed this suggestion and revised the Technical Toxaphene Desirable RL range to Water  $\leq 10$  ng/L; Sediment  $\leq 10$  ng/g and the Acceptable RL range to Water  $\leq 20$  ng/L; Sediment  $\leq 20$  ng/g. Please refer to Amendment 5.