



NEILSON RESEARCH CORPORATION

Environmental Testing Laboratory

Sampling Instructions for Hexavalent Chromium in Water

Due to the 24 hour holding time specified by EPA 218.6, it is recommended that you call the laboratory prior to sampling to ensure the method requirements are fulfilled.

Neilson Research Corporation provides the following sampling bottles:

One 250 mL pre-cleaned HDPE bottle, unpreserved, per sample.

Samples are preserved at time of receipt by the laboratory.

If within driving distance, return sample the same day it is collected.

If the sample must be shipped, sample after 2:00 PM and deliver to Neilson Research Corporation no later than 10 AM the next day.

Samples received with less than 4 hours left on the holding time may not be analyzed in time to meet compliance requirements.

- 1) Let the water of the sample source run at a fast flow for five minutes.
- 2) Using the label provided on the sampling bottle, clearly identify the sample with the following information:
 - Client Name
 - Sample Identification
 - Date and Time of Collection
- 3) Slow the water flow to minimize splashing and fill the sample bottle to the bottom of the neck. Ensure that the mouth of the bottle does not come into contact with anything other than the sample water. Screw the cap on firmly.
- 4) Place the sample in a cooler with ice to maintain a temperature of 4°C.
- 5) Include a completed Chain of Custody form with the sample.
- 6) Ship to Neilson Research Corporation immediately via **priority overnight**.

NOTE: If Total Chromium is also requested for analysis, a 250 mL bottle preserved with nitric acid will be provided. Please fill this bottle to the neck, without letting it overflow.