



FILE NUMBER: 105719

August 7 2012

Chieftain Metals Inc.
2 Bloor Street West, Suite 2000
Toronto ON M4W 3E2

Attn: Ms. Joanne Thompson

RE: Authorization Amendment: Discharge and Receiving Environment Monitoring

Further to our amendment letter of July 24, 2012 and subsequent conversations regarding site access for sampling, the discharge and receiving environment monitoring program associated with the shutdown of the water treatment plant has been amended.

Pursuant to Section 16(1) of the *Environmental Management Act*, Authorization # 105719 is amended as follows:

Commencing August 6th and 12th 2012, conduct weekly and biweekly water quality sampling/testing respectively as detailed in Table 1.0 below. The amended sampling requirements pertain to the following sites: W10, W46, SE2, W32 and W51.

Table 1.0 Water Quality Sampling Program for W10, W46, SE2, W32 and W51.

Weekly sampling (starting August 6, 2012)	Total Metals (ICP/ICPMS), Hardness, Alkalinity. Field parameters - pH, Conductivity
Biweekly (starting August 12, 2012)	Total and Dissolved Metals (ICP/ICPMS), Hardness, Alkalinity, Field parameters - pH, Conductivity

These requirements are in addition to the monitoring set out in Section 4.0 of Authorization # 105719.

All other terms and conditions of permit Authorization # 105719 remain in effect. If you have any questions, please feel free to call me at 250-847-7272.

Yours truly,

A handwritten signature in black ink, appearing to read "M. Love". The signature is written in a cursive style with a large initial "M" and a long, sweeping tail.

Mark Love, P. Ag.
For Director, *Environmental Management Act*
Skeena Region

cc: Keith Boyle, Chieftain Metals Inc.
Wade Comin, Environment Canada, Whitehorse
Dianne Howe, Ministry of Mines, Victoria