



STATE OF NEVADA  
Department of Conservation & Natural Resources  
DIVISION OF ENVIRONMENTAL PROTECTION

Brian Sandoval, Governor  
Leo M. Drozdoff, P.E., Director  
Colleen Cripps, Ph.D., Administrator

September 24, 2013

To: Water Pollution Control Permit Permittees  
From: Bruce Holmgren, PE, Chief   
Bureau of Mining Regulation and Regulation  
Re: WAD Cyanide in soil test method

The Nevada Division of Environmental Protection, Bureau of Mining Regulation and Reclamation (BMRR) has determined that the use of *ASTM D7572 Standard Guide for Recovery of Aqueous Cyanides by Extraction from Mine Rock and Soil After Remediation of Process Releases* is mandatory, effective 1 August 2013, for all soil characterization analysis in which WAD Cyanide is the only parameter of interest – typically used to identify potential contamination from cyanide bearing process solution releases.

Additionally, although ASTM D2036 and SM4500-CN include a procedure for solids analysis, i.e. direct distillation of the solid material, BMRR has determined that this method is not applicable on the basis that the BMRR required detection limit for WAD Cyanide of 0.1 mg/L (mg/kg) cannot be achieved through this method.

If you have any questions regarding this requirement, please feel free to contact Karl McCrea at (775) 687-9407 or me at (775) 687-9397.

