

## CONTACT REPORT

Development of Area Source NESHAP for the Clay Ceramics Manufacturing Industry  
RTI Project No. 08550.001.019

From: Emaly N. Simone

Date of Contact: 9/15/2003

Contacted by: Telephone

Company/Agency: Ensafe (consultant to Crossville Ceramics)

Telephone Number: 615.255.9300

Person Contacted, Title: Bry Roberson

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### CONTACT SUMMARY:

Bry Roberson with Ensafe called on 9/15/2003. He represents the environmental consulting firm working with Crossville Ceramics to meet environmental regulations. Kai Dyhr asked him to contact me in response to my questions about chromium emission from the Crossville Ceramics plant in Crossville, TN. He told me that the chromium emissions were calculated by determining the weighted, average chromium content of the body materials (the weighted average of chromium compounds in the mixture that forms the tile). This percentage was then applied to the permitted particulate emissions from the ~9 points using the chromium compounds. For example, they assumed that if 30% of the influent materials were composed of chromium compounds then 30% of the particulate would be chromium compounds (these numbers are for examples purposes only). Bry noted that 6,132 pounds of chromium did seem rather high and that he remembered 2002 numbers to be in the 1000-pound range. He is going to review the 2000 submission to see if there has been a mistake and get back to me. He also noted that the TRI submission contains a very high conservative estimate because they are calculated using the permitted emissions.

Bry Roberson with Ensafe called again on 9/15/2003. He said that he has found a big problem in their calculations. He says that when they calculated the amount of body material, they left out a significant portion. This caused them to over estimate the percentage of chromium in the tile and in the emissions. He expects to submit a revised TRI and the new emissions figure should be 20-fold less.