



Integral Consulting Inc.  
7900 SE 28<sup>th</sup> Street  
Suite 300  
Mercer Island, WA 98040

telephone (206)-230-9600  
facsimile (206)-230-9601  
www.integral-corp.com

April 7, 2006

Mark Walker  
State of Colorado Dept. of Public Health & Environment  
4300 Cherry Creek Drive South  
Denver, CO 80246-1530

Subject: Transmittal of *Lead Health Risk Assessment for Rico Townsite Soils*

Dear Mark:

Enclosed is the *Lead Health Risk Assessment for Rico Townsite Soils* report. This report presents the results of a human health risk assessment conducted to quantify potential human exposures to lead in soil and identify health-protective risk-based concentrations to guide soil remediation activities within the town of Rico, Colorado (the Townsite). This risk assessment was conducted to support approval of a Voluntary Cleanup Plan submitted to the Colorado Department of Public Health and the Environment for Townsite soils.

Risks were evaluated for potential exposures of children in residential settings, for adults in commercial/industrial settings and for adult and child visitors to the river corridor. As you know, there is uncertainty associated with many of the assumptions used in risk assessments; however, biomonitoring studies of blood lead levels and environmental lead concentrations conducted in other Rocky Mountain communities provide a range of reasonable values for risk assessment assumptions. Thus, our risk assessment provides a range of risk estimates reflective of the values for these other communities. Ranges of risk-based concentrations are also provided. Atlantic Richfield has made a commitment to the Town of Rico to support additional periodic blood lead sampling in the community to ensure that the selected clean up levels are effective.

We appreciate guidance provided by you and Raj Goyal during the preparation of this document.

Sincerely,

A handwritten signature in black ink that reads "Rosalind A. Schoof". The signature is written in a cursive style.

Rosalind A. Schoof, Ph.D., DABT  
Principal

Enclosure

Mark Walker  
April 7, 2006  
Page Two

cc: Raj Goyal, CDPHE/Denver (2)  
Mike England, Town of Rico  
Jennifer Stark, Town of Rico  
Susan Baker, Town of Rico  
Eric Heil, Town of Rico  
Ramon Escure, Rico Renaissance  
Hubert Farbes, Realm  
Chuck Stilwell, Atlantic Richfield/Butte (3)  
Robin Bullock, Atlantic Richfield/Butte  
Asteghik Khajetoorians, BP/Los Angeles  
William Duffy, Davis Graham & Stubbs/Denver  
Doug Yadon, SEH