



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

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Ember Conley
Superintendent
Park City School District
2700 Kearns Blvd
Park City, UT 84060

Re: Assessment Results

March 26, 2015

Ms. Conley,

In 2014, the EPA Response Unit received a request to assess a residential area near the historic Marsac Mill where past sampling data indicated that soil in the area may be contaminated. After consultation with the Utah Department of Environmental Quality (UDEQ) and the Municipality of Park City (Park City) regarding the scarcity of information and the lack of existing remedial efforts in other residential locations, EPA expanded its assessment efforts to include other nearby areas such as the Treasure Mountain Junior High School.

EPA utilized in-situ x-ray fluorescence (XRF) analysis to evaluate the extent of lead contamination in the soil at the Treasure Mountain Junior High School. The surface cover (mostly grass and infield material) was found to be intact and protective (Figure 1) but lead concentrations in the first 6 inches beneath this protective cover were elevated and found to be as great as 19,000 mg/kg (Figure 2). Lead concentrations at depths greater than 6 inches from the surface were also elevated (Figures 3 and 4).

EPA is in the final stages of approving a project that involves replacing the existing cover at the school and on the nearby recreation fields. EPA is proposing to bring the school into compliance with the requirements of Park City's *Soil Ordinance for Landscaping and the Maintenance of Soil Cover* which requires a 6-inch cover of soil that tests below 200 mg/kg. Any existing vegetation or other material that is removed to create this protective cover will be disposed of and all disturbed areas will be restored.

EPA understands that the School District is considering some major changes to the site. The Agency will continue to work with you as you finalize your plans so that our project supports the future use that you envision for the site.



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You will certainly be seeing more of EPA in the coming weeks as we plan to make ourselves available in person to your staff as well as other interested parents and students. In the meantime, here are some sources of information that you might find useful:

<http://www.epa.gov/superfund/lead/health.htm>

<http://www.atsdr.cdc.gov/phs/phs.asp?id=92&tid=22>

Sincerely,

A handwritten signature in cursive script that reads "Marty".

Martin McComb, On Scene Coordinator
Response Unit
Environmental Protection Agency, Region 8

Figure 2: Soil lead concentrations between 0 and 6 inches below the surface at the Junior High School.



Figure 3: Soil lead concentrations between 6 and 18 inches below the surface at the Junior High School.



Figure 4: Soil lead concentrations between 18 and 36 inches below the surface at the Junior High School.

