



# Claimjumper Removal Action Truck Hauling Monitoring

**Claimjumper/Wellington-Oro Site  
Breckenridge, Summit County, Colorado**

**July 2007**

**THE PURPOSE** of the cleanup is to remove mining waste at the Claimjumper Condominium site. The waste now poses a threat to human health for those who live near and recreate on the waste rock. Lead and arsenic, which are hazardous substances, are present in many of the piles at concentrations well above acceptable levels for residential settings.

The table at right provides the real time constant reading air monitoring results for this project. These results show that the airborne dust concentrations during the hauling operations (July 11<sup>th</sup> through July 13<sup>th</sup>) are no higher than the concentrations prior to the hauling operations (July 9<sup>th</sup> and July 10<sup>th</sup>). Air filter samples are being analyzed for lead and arsenic analysis and that information will be provided in approximately one week. Based on the total airborne dust concentration results already obtained and the known lead and arsenic concentrations in the waste material, the airborne dust concentrations standards for lead and arsenic cannot be exceeded.

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Sample Sites	Dust Results $\mu\text{g}/\text{m}^3$				Filter Samples
	July 9 <sup>th</sup> Before Hauling	July 10 <sup>th</sup> Before Hauling	July 11 <sup>th</sup> During Hauling	July 12 <sup>th</sup> During Hauling	
Claimjumper Perimeter	19.6	17.7	16.9	15.6	Lab Results Pending
Claimjumper Perimeter	22.5	22.7	24.7	x	Lab Results Pending
The Carriage House	x	24.4	25.0	18.8	Lab Results Pending
Wellington Oro Mine Site	x	27.2	20.5	11.0	Lab Results Pending
Little Red Schoolhouse	x	25.4	26.6	x	Lab Results Pending
Wellington Oro Mine Site	x	x	x	22.9	Lab Results Pending
Wellington Oro Mine Site	x	x	x	22.0	Lab Results Pending

All readings are in micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ )

150  $\mu\text{g}/\text{m}^3$  is the National Ambient Air Quality Standard (NAAQS) for Particulate Matter Less Than 10 Microns (PM10)

5,000  $\mu\text{g}/\text{m}^3$  is the Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) for Nuisance Dust