



## Dust Control Activities Monthly Site Review

Report Type:

- Investigation summary
- Abatement/remediation summary
- Project update
- Site Clearance report

Additional Reports/information to follow?

- Yes       No

Client: City of Scandia	Contact: Kristina Handt	Date of Investigation <b>December 17, 2013</b>
Project Name: Zavoral Mine Dust Emissions Monitoring		Report Date: 1/14/2014
Project Location: Zavoral Mine, Scandia MN		Project # 2055-002

Project Description:  
Dust control monitoring and oversight during aggregate mining and hauling operations

Task/Item	Completed as per DCP			Notes/Recommendations
	Yes	No	N/A	
Haul Road				
Paving - maintain first 300 feet	x			
Asphalt millings - main haul road	x			
Dust control application			x	Haul road is frozen/packed snow
Watering - as needed to control dust			x	No watering due to sub freezing temp
Washing - at least 2x per day			x	"
Sweeping - 1-2 times per week	x			
Tracking	x			
Records			x	Unknown
Excavation Area				
Watering - as necessary			x	
Load equipment washed			x	
Hauling Operations				
Covered trucks	x			
15mph site speed	x			
No idle >15 minutes	x			
Trucks washed			x	

**Operations in compliance with Dust Control Plan?      X Yes      No      Other:**

Findings/Recommendations/Actions:  
Below freezing temps during current mining operations have made watering and washing operations impossible and, for the most part, unnecessary. Biggest issue noted was build up of snow and ice on haul road and out into the Highway 95 intersection. We discussed this issue with site personnel who did clean the intersection and haul road entrance numerous times during our site visit. This should be monitored on an ongoing basis.

Remarks:  
*The environmental services provided by Indoor Environment Group's industrial hygienists, technicians, analysts and project managers for this project have been conducted in a manner consistent with the degree of care and technical skill exercised by environmental professionals currently practicing in this area under similar budget and time constraints. Recommendations contained in this report represent our professional judgment at the time the project was performed. This is only a summary of work performed. Following or implementing the recommendations presented should not be considered final completion or closure of this project. Additional work may be necessary to correct current and/or future problems. No warranty is implied or intended.*

Summary Report Prepared/Submitted by: Dave Gutterud		Summary Report Review by:	
Title: Director of Operations	Phone number: 651-779-4300 x6	Title:	Phone number:
Signature 		Signature	