

ENVIRONMENTAL ANALYSIS ASSOCIATES, INC.

306 5th Street, Suite 2A - Bay City, MI 48708



LABORATORY ANALYSIS REPORT

Bulk Dust Analysis - Optical Microscopy

Report prepared for : ABS Environmental

Client Project # : 23456
Project Description : 122 Pine Creek
EAA Project # : 23-0088

Samples Collected : 1/25/23
Samples Received : 1/26/23
Date of Analysis : 1/26/23

Authorized / data reviewed by : *Joseph R. Heintskill*

Joseph R. Heintskill
Bay City, Michigan Laboratory Manager

DISCLAIMER:

The EAA sample results are only applicable to the items tested and locations as received. Sample descriptions and volumetric data are provided by the client. All particle concentrations are rounded to 3 significant figures. In order for chart clarity, cells where the particle category was not detected are intentionally left blank.

Environmental Analysis Associates, Inc. (EAA) shall not be liable to the client or the client's customer with respect to interpretation, recommendations made or actions implemented by either the client or the client's customer as a result of or based upon the test results.

All samples were received in acceptable condition unless noted in the General Comments section of the data report.



QUANTITATIVE SURFACE DUST ANALYSIS - Optical Microscopy

Method: DUST-D02

Client Name : ABS Environmental

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Client Project # : 23456

(end of data report)

Requested by : Jerry James

Sample collected : 1/25/23

Project Description : 122 Pine Creek

Sample received : 1/26/23

Client Sample # : 1

Magnification : 500x

Client sample description : Top of radiator

Fields counted : 5

EAA Project # : 23-0088

Field area counted (mm²) : 0.69

EAA Sample # : 0088-1

Estimated particles counted : 472

Sample media : Tape

Detection Limit (num. %) : 0.21

Summary Conclusions : Sample consists mostly of mineral dust
Fiberglass fibers & fire residue present

Detection Limit (cts/mm²) : 1.44

Approx. dust loading / field : 22%

	Estimated Area %	Numerical Ratio %	Particles Cts / mm ²
BIOLOGICAL / ORGANIC CONSTITUENTS			
Predominant mold spores : Mixed outdoor mold genera	< 1	3	23.1
Other fungal structures : Mycelia / hyphae	< 1	< 1	1.4
Pollen : Pinus / other	< 1	< 1	1.4
Plant fragments : Vegetation fragments / trichomes	< 1	< 1	1.4
Skin cell fragments : Dander / skin cell fragments	10	4	28.8
Miscellaneous : Insect Parts			
Biological / organic constituents : Decayed biogenic			
INORGANIC / MINERAL CONSTITUENTS			
Fibrous Constituents : Cellulosic / cotton fabric fibers	10	< 1	4.3
Synthetic fabric fibers	3	< 1	1.4
Clear fiberglass fibers	2	< 1	4.3
Fiberglass fibers - colored resin binder			
Crystalline soil minerals : Mixed soil minerals / clays	2	3	18.7
Construction mineral dust : Carbonates / quartz / gypsum / silicates	42	69	468.5
Opaque / black dust : Paint / tire rubber / other	11	8	56.2
Metal corrosion	12	9	62.0
SPECIFIC ANALYTE / OTHER : Soot / char	4	1	8.6

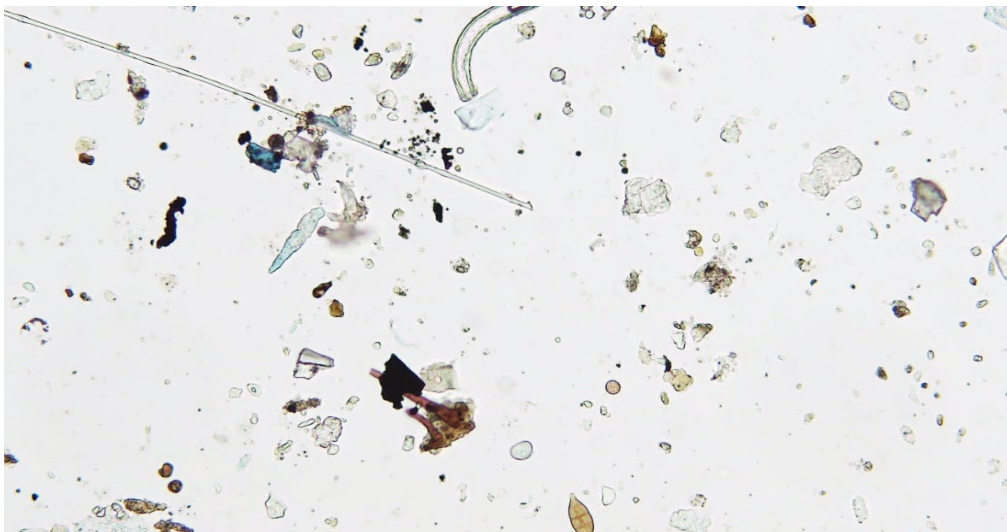


Photo magnification: 200x

Authorized / data reviewed by : Joseph R. Heintskill

Date : 1/26/23

Analyst : err