



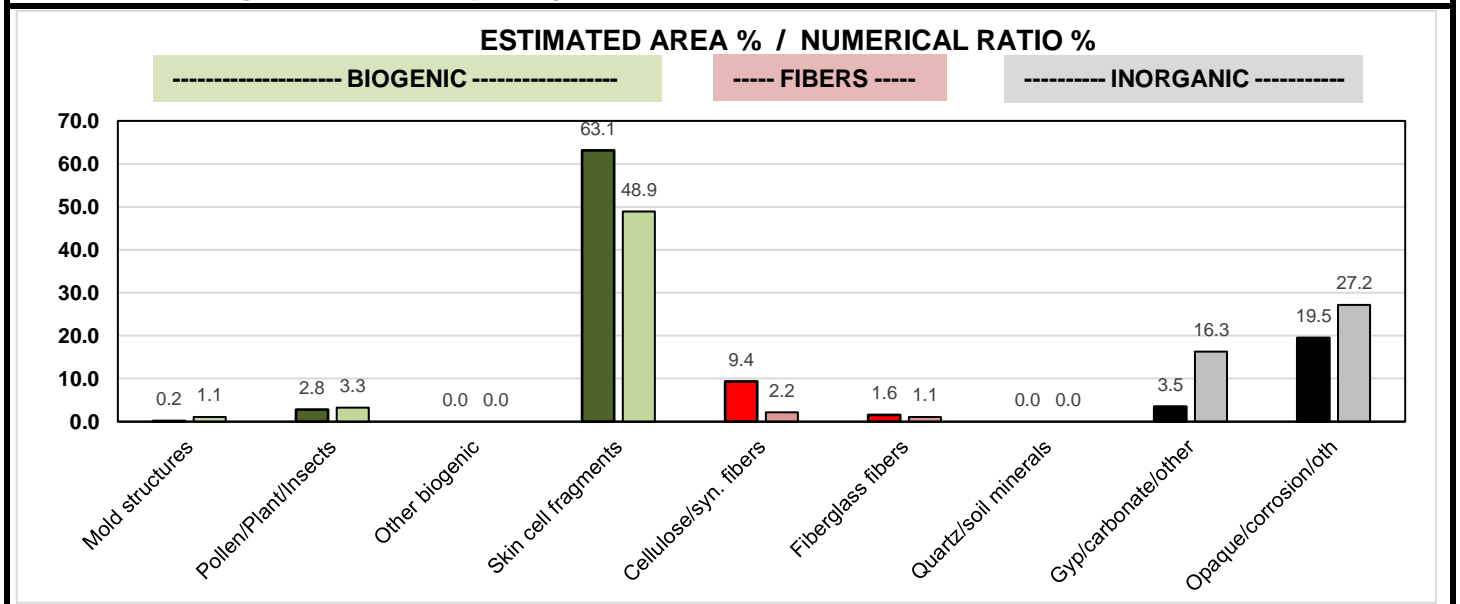
SURFACE DUST ANALYSIS - Optical Microscopy

Method: DUST-D02

Client Name : ABC Environmental
 Client Project # : 123456
 Requested by : John Smith
 Project Description : IAQ Testing
 Client Sample # : 1
 Client sample description: Bulk Dust Sample
 EAA Project # : 20-0201
 EAA Sample # : 0201-1
 Sample media: bulk
 Summary Conclusions : Sample primarily consists of skin cells and corrosion particles (Iron/Aluminum Oxide)

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 (end of data report)
 Sample collected : 8/1/20
 Sample received : 8/5/20
 Magnification : 200x
 Fields counted : 5
 Field area counted (mm²) : 4.59
 Total particles counted : 92
 Detection Limit (num. %) : 1.09

INORGANIC / MINERAL CONSTITUENTS		Particles / mm ²	Numerical Ratio %	Estimated Area %
Fibrous Constituents :	Cellulosic fabrics / paper	0.4	2.2	9.4
	Synthetic fibers (nylon, rayon, etc.)			
	Clear fiberglass	0.2	1.1	1.6
	Colored fiberglass or soundliner			
Non-fibrous Constituents :	Quartz-like, clays, soil minerals			
	Gypsum-like, carbonates	3.3	16.3	3.5
	Other / amorphous particles			
	Corrosion particles / iron/aluminum oxide	5.5	27.2	19.5
	Other / Not specified			
BIOLOGICAL CONSTITUENTS				
Predominant mold spores :	Cladosporium	0.2	1.1	0.2
Other fungal structures :	Mycelia, phialides, perithecia, etc.			
Pollen :	Pinus / other	0.7	3.3	2.8
Plant fragments :	Flower parts, trichomes, etc.			
Animal fragments :	Dander / skin cells	9.8	48.9	63.1
Miscellaneous :	Insect parts			
Brown/black biogenic debris :	Decayed biogenic debris			



Authorized / data reviewed by : Daniel M. Baxter

Date : 8/10/20

Analyst : dmb