



Detroit Laboratory & Analytics, LLC

AUTHORIZATION FOR REOCCUPANCY

Site Address: 27321 Hampden

Detroit Laboratory & Analytics has visually inspected the following area(s), performed Final Clearance sampling and found the area(s) to meet the criteria checked below.

EPA recommends airborne fiber level of <0.01 fibers per cubic centimeter of air (f/cc) for re-occupancy following asbestos abatement activities. Analysis by Phase Contrast Microscopy (PCM) using NIOSH 7400 protocol. Analysts are trained and certified per NIOSH 582. This requirement is for small school project(s) or has been required by project inspections.

Michigan Department of Public Health requires clearance/post abatement samples to be below 0.05 fibers per cubic centimeter of air (f/cc) for re-occupancy following asbestos abatement activities. Analysis by PCM using NIOSH 7400 protocol. Analysts are trained and certified per NIOSH 582. This requirement is for non-school project(s) or has been required by project specifications.

Results: <0.005 Average f/cc (PCM)

EPA requires that the average number of asbestos structures on samples inside the abatement areas is no greater than 70 s/mm². The analysis by TEM using 40 CFR 763 Subpart E Appendix A protocol. This requirement is for large school projects or has been required by project specifications. Recommends airborne fiber levels of 0.05 f/cc for re-occupancy following asbestos abatement activities. Analysis by PCM using NIOSH 7400 protocol. This requirement is for non-school projects or has been required by project specifications.

Results: Average s/mm² (TEM)

Areas: 1st Floor Hallway Across from Principal's Office

Detroit Laboratory & Analytics is pleased to be of service to you.

Industrial Hygienist: *Floyd Powell*

Date: 10/28/2021

Asbestos Laboratory Report

CLIENT: <u>BBEK</u>	LOCATION: <u>27321 Hampden</u>	MATERIALS: <u>Asbestos Fibers</u>
PROJECT #: _____	ANALYZED BY: <u>S. Parker</u>	COLLECTED BY: <u>F. Powell</u>
DATE SAMPLED: <u>10/28/2021</u>		

By the NIOSH 7400 Method, Issue #2, "A" Counting Rules

SAMPLE #	TYPE	DESCRIPTION (NAME, TASK, LOCATION)	TIME ON	TIME OFF	SAMPLE TIME (MIN)	FLOW ON	FLOW OFF	AVERAGE FLOW	VOLUME (LITERS)	FIBERS	FIELD	F/MM ²	CONC. FIBERS/CC
			(L/MIN)	(L/MIN)		(L/MIN)							
1	OWA	1st Fl. Hallway at Stairs to Mech. Room	8:21	13:12	291	2.5	2.5	2.5	728	4.5	100	6	<0.005
			8:33	9:03		2.5	2.5						
			9:03	8:50		2.5	2.5						
2	EX	Michael Walker A45610	8:50	13:17	267	2.5	2.5	2.5	668	2	100	3	<0.005
			9:04	13:26		2.5	2.5						
			13:26	10:38		2.5	2.5						
4	PS	Michael Walker A45610	10:38	12:38	120	10.0	10.0	10.0	1200	3	100	4	<0.005
			12:38	10:44		10.0	10.0						
			12:44	12:44		10.0	10.0						
5	CL	Mechanical Room Central	12:44		120			10.0	1200	3	100	4	<0.005
6	CL	1st Fl. Hallway Across from Principal's Office			0			#DIV/0!	#DIV/0!			#DIV/0!	#DIV/0!
					0			#DIV/0!	#DIV/0!			#DIV/0!	#DIV/0!
					0			#DIV/0!	#DIV/0!			#DIV/0!	#DIV/0!
					0			#DIV/0!	#DIV/0!			#DIV/0!	#DIV/0!

QUALITY CONTROL DATA

Type	Description of sample	Fibers Counted		F/MM ²
		Counted	Counted	
FB	Field Blank	0	100	0
QC	Blind Recount of Sample #1	2.5	100	3
				#DIV/0!

EX - Excursion Limit Sample
 PS - Representative Exposure Sample
 IWA - Inside Work Area Sample
 OWA - Outside Work Area Sample
 CL - Clearance Sample
 IWA/CL - Inside Work Area / Clearance Sample
 OWA/CL - Outside Work Area / Clearance Sample
 BL - Baseline Sample