



April 1 , 2019

Klamath-Trinity Joint Unified School District  
C/O  
Kevin Nolen, CRM Group  
710-400 Sunnyside Road  
Janesville, CA 96114

**RE: Mold Ambient Air Assessment**  
Jack Norton Elementary School  
Jack Norton School Road  
Hoopa, CA 95546

Dear Mr. Nolen,

This report is in regards to the mold ambient air sampling conducted at the above-listed address. Michael J. Lee, Registered Environmental Property Assessor and Certified Environmental Consultant, for National Analytical Laboratories, Inc. (N.A.L.), conducted the ambient air sampling on March 22, 2019.

The ambient air sampling was performed to document the remediation-renovation had, in fact, rectified a previous mold elevation problem. Upon Mr. Lee's arrival, he performed a brief visual inspection of the recently renovated wing-room areas. The visual inspection only identified the areas as newly renovated environments. The visual inspection showed no visible signs of water damage, water traffic, or cause for concern with regard to elevated indoor spore levels.

The Allergenco-D disposable air monitoring cassettes were calibrated with a Dwyer series VFB Visi-Float Flowmeter and air samples were collected from the Center of the Gymnasium and Kitchen areas. An additional baseline sample was collected from the exterior open entry foyer at the IT Room (as it was raining). The sampler was turned on and operated for 5 minutes, at 15 lpm, for a total volume of 75 liters. A total of three (3) samples were collected, sealed, labeled, and sent to EMSL Analytical, Inc., in Carle Place, NY, under chain of custody protocol for direct microscopic examination.

N.A.L. follows two guiding principles in its interpretation of biological air samples. First, an effective interpretation is based on the comparison of indoor and outdoor samples. Secondly, variation is an inherent part of biological air sampling. We typically expect indoor counts to be approx. 30-80% of outdoor counts, with the same general distribution of spore types present. *The results of the samples are based on the conditions as they occurred on this particular sampling day and are only pertinent to the specific areas that were tested at the site.*

Breathe easy.....

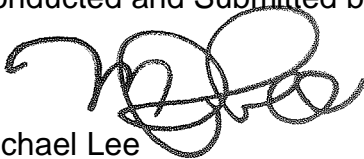
The location and results of this sampling are as follows:

Sample ID#	Location/Description	Spore Type	Raw Count	Results Cts/m <sup>3</sup>
2855418	Gymnasium Center	Ascospores	12	520
		Basidiospores	4	200
		Cladosporium	1	10
		Epococcum	2	30
		Myxomyces	1	40
2855423	Kitchen, Hallway at Storage	Ascospores	5	200
		Basidiospores	7	300
<b>2855424</b>	<b>Exterior Baseline - Open Foyer at IT Room</b>	<b>Aspergillus/Penicillium</b>	<b>1</b>	<b>40</b>
		<b>Basidiospores</b>	<b>45</b>	<b>2000</b>
		<b>Ascospores</b>	<b>78</b>	<b>3400</b>
		<b>Cladosporium</b>	<b>1</b>	<b>40</b>
		<b>Biospora</b>	<b>1</b>	<b>40</b>

Based on the result of the baseline compared to the interior ambient air samples, no problematic airborne mold spores were found to be present in the areas tested at the time of the sampling, therefore no other action is needed at this time.

If you require additional information regarding this report or if I can be of further assistance, please contact me at our office.

Conducted and Submitted by:




Michael Lee  
 Certified Environmental Consultant  
 Registered Environmental Property Assessor  
 REPA #716352750





# EMSL Analytical, Inc.

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 Phone/Fax: (516) 997-7251 / (516) 997-7528  
<http://www.EMSL.com> / [carleplacelab@emsl.com](mailto:carleplacelab@emsl.com)

Order ID: 061905282  
 Customer ID: NAL51  
 Customer PO:  
 Project ID:

**Attn:** Paula Lee  
 National Analytical Laboratories (NAL)  
 2201 Francisco Dr.  
 Ste. 140-261  
 El Dorado Hills, CA 95762

Phone: (916) 361-0555  
 Fax: (916) 361-0540  
 Collected: 03/22/2019  
 Received: 03/25/2019  
 Analyzed: 03/25/2019

**Proj:** Jack Norton Elementary School: Jack Norton School Road, Hoopa, CA 95546

**Test Report: Allergenco-D™ Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)**

Lab Sample Number:	061905282-0001			061905282-0002			061905282-0003		
Client Sample ID:	2855418			2855423			2855424-XT		
Volume (L):	75			75			75		
Sample Location:	Gymnasium, Center of			Kitchen, Hallway at Storage/Ambient			Open Foyer at IT		
Spore Types	Raw Count	Count/m <sup>3</sup>	% of Total	Raw Count	Count/m <sup>3</sup>	% of Total	Raw Count	Count/m <sup>3</sup>	% of Total
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	12	520	65	5	200	40	78	3400	61.6
Aspergillus/Penicillium	-	-	-	-	-	-	1	40	0.7
Basidiospores	4	200	25	7	300	60	45	2000	36.2
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	1*	10*	1.3	-	-	-	1	40	0.7
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	2*	30*	3.8	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	1	40	5	-	-	-	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Bispora	-	-	-	-	-	-	1	40	0.7
<b>Total Fungi</b>	<b>20</b>	<b>800</b>	<b>100</b>	<b>12</b>	<b>500</b>	<b>100</b>	<b>126</b>	<b>5520</b>	<b>100</b>
Hyphal Fragment	1	40	-	-	-	-	1	40	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	2	-	-	2	-	-	2	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	2	-	-	2	-	-	3	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

Jeffrey Lau, Microbiology Laboratory Manager  
 or Other Approved Signatory

No discernable field blank was submitted with this group of samples.

Samples received in good condition unless otherwise noted. High levels of background particulate can obscure spores and other particulates, leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. "\*" Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client.

Samples analyzed by EMSL Analytical, Inc. Carle Place, NY

Initial report from: 03/25/2019 15:16:47

For Information on the fungi listed in this report please visit the Resources section at [www.emsl.com](http://www.emsl.com)



**NAL LOG-IN RECORD**

Login # 40969

Ph: 916.361.0555 Fx: 916.361.0540

**National Analytical Laboratories, Inc.**

Job Site/Job #:

Client#-Lot#

4848 / 36

Nolen, Kevin  
CRM Group

Phone Number

FAX Number

Contact

E-Mail Address

Jack Norton Elementary School:

Jack Norton School Road

Hoopa, CA 95546

Date 3/23/2019

Sampling Date: 3/22/2019

Sampling Time 12:30:00 PM

Type Of Work: Mold Air  
Allergenco  
M032

No. of Samples 3

Turnaround: 6 hours

Num.	Sample ID#	Min.	LPM	Vol.	Location/Description
1	2855418	5	15	75	Gymnasium, Center of Room / Ambient Mold Air M032
2	2855423	5	15	75	Kitchen, Hallway at Storage / Ambient Mold Air M032
3	2855424 - XT	5	15	75	Open Foyer at IT Room - BASELINE / Ambient Mold Air M032

061905282

RECEIVED  
EMSL ANALYTICAL, INC.  
CARLE PLACE, NY  
2019 MAR 25 A 9:11

**Chain of Custody Information**

Released By Signature	Date/Time	Received By Signature	Date/Time	Due: At:
Michael Lee	3/23/19	<i>[Signature]</i>	3-25-19 9:11a	
Released By Signature	Date/Time	Received By Signature	Date/Time	

*[Signature]* 3/25/19