EMLab P&K
A TestAmerica Company

Report for:

Mr. Jeff Gurrie
Terracon Consultants, Inc. - Greenville
72 Pointe Circle
Greenville, SC 29615

Regarding: Project: N/A; CU - Brooks Auditorium
EML ID: 1912569

Approved by:



Operations Manager
Joshua Cox

Dates of Analysis:
PCR screen: Avian Pathogen: 04-18-2018

Service SOPs: PCR screen: Avian Pathogen (EM-BC-S-1097, EM-BS-S-1199 & EM-BC-S1206)

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

EMLab P&K
1501 West Knudsen Drive, Phoenix, AZ 85027
(800) 651-4802 Fax (623) 780-7695 www.emlab.com

Client: Terracon Consultants, Inc. - Greenville
C/O: Mr. Jeff Gurrie
Re: N/A; CU - Brooks Auditorium

Date of Sampling: 04-16-2018
Date of Receipt: 04-17-2018
Date of Report: 04-18-2018

AVIAN PATHOGEN SCREEN: PCR METHODOLOGY

Location:	HS-1: Cart Walk - Left Rear		HS-2: Auditorium - Ground Right		HS-3: Auditorium - 2nd Right		HS-4: Auditorium - 2nd Left		HS-5: Blank	
Comments (see below)	None		None		None		None		None	
Sample Type:	Polycarbonate Air Filter Cassette		Polycarbonate Air Filter Cassette		Polycarbonate Air Filter Cassette		Polycarbonate Air Filter Cassette		Polycarbonate Air Filter Cassette	
Lab ID-Version‡:	8988226-1		8988227-1		8988228-1		8988229-1		8988230-1	
Sample Size:	1.607		1.764		1.243		1.794		1	
Unit:	m3		m3		m3		m3		sample	
	CE*	CE*/Unit	CE*	CE*/Unit	CE*	CE*/Unit	CE*	CE*/Unit	CE*	CE*/Unit
Chlamydophila psittaci	ND	<62	ND	<57	ND	<80	ND	<56	ND	<100
Cryptococcus neoformans	ND	<62	ND	<57	ND	<80	ND	<56	ND	<100
Histoplasma capsulatum §	Present		Absent		Absent		Absent		Absent	

*Cell equivalents ND = Not Detected

Comments:

Method Reference: *Chlamydophila psittaci*- Madico, G., Quinn T.C., Boman, J., and Gaydos C.A. 2000. Touchdown enzyme time release-PCR for detection and identification of *Chlamydia trachomatis, C. pneumoniae,* and *C. psittaci* using the 16S and 16S-23S spacer rRNA genes. J. Clin. Microbiol. Vol. 38. 1085-1093
Method Reference: *Cryptococcus neoformans*- Bialek, R., Weiss, M., Bekure-Nemariam, K., Najvar, L.K., Alberdi, M.B., Graybill, J.R., and U. Reischl. 2002. Detection of *Cryptococcus neoformans* DNA in tissue samples by nested and real-time PCR assays. Clin Diagn Lab Immunol. 9:461-469
Method Reference: *Histoplasma capsulatum*- Reid, T.M. and Schafer, M.P., 1999. Direct detection of *Histoplasma capsulatum* in soil suspensions by two-stage PCR. Mol Cell Probes. 13(4):269-73.

§This organism requires a two-stage PCR method of analysis. As a result, detection can only be reported as "Present" or "Absent".

‡A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

CHAIN OF CUSTODY

www.EMLabPK.com

EMLab P&K
A TestAmerica Company

New Jersey: 3000 Lincoln Drive East, Suite A, Marlton, NJ 08053 * (866) 871-1984
Phoenix, AZ: 1501 West Knudsen drive, Phoenix, AZ 85027 * (800) 651-4802
SSF, CA: 6000 Shoreline Court, Suite 205, South San Francisco, CA 94080 * (866) 888-6653

Weather	Fog	Rain	Snow	Wind	Clear
Level: None	☐	☐	☐	☐	☑
Light	☐	☐	☐	☐	
Moderate	☐	☐	☐	☐	
Heavy	☐	☐	☐	☐	

Non-C
Spore Trap

001912569

CONTACT INFORMATION

Company:	Terracon	Address:	72 Pointe Circle Greenville, SC
Contact:	Jeff Gurrie	Special Instructions:	
Phone:	864-292-2901		

PROJECT INFORMATION

Project ID:			
Project Description:	CU- Brooks Auditorium		
Project Zip Code:	29	Sampling Date & Time:	4-16-18 1400
PO Number:		Sampled By:	SE

TURN AROUND TIME CODES (TAT)

STD – Standard (DEFAULT)
ND – Next Business Day
SD – Same Business Day Rush
WH – Weekend / Holiday

Rushes received after 2 pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
HS-1	Catwalk - Left Rear	O	72hrs	1607L	
HS-2	Auditorium - Ground Right	O		1769L	
HS-3	Auditorium - 2nd Rt	O		1243L	
HS-4	Auditorium - 2nd Left	O		1794L	
HS-5	Blank	O	↓	OL	

Fungi – Spore Trap Analysis	Spore Trap Analysis – Other particles	Direct Microscopic Exam (Qualitative)	Quantitative Spore Count, Direct Exam	1-Media Surface Fungi (Genus ID + Asp. spp.)	2-Media Surface Fungi (Genus ID + Asp. spp.)	3-Media Surface Fungi (Genus ID + Asp. spp.)	Culturable Air Fungi (Genus ID + Asp. spp.)	Gram Stain & Counts (Culturable-Air & Surface Bacteria)	Legionella culture	Total Coliform, E. coli (Presence/Absence)	Membrane Filtration (specify organism):	MPN Bacteria (specify organism):	QuantiTray – Sewage Screen
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Other Requests

Asbestos Analysis – PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis – PLM (EPA method 600/R-93-116)	PCR (specify test): Aviary Pathogen
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SAMPLE TYPE CODES

BC – BioCassette™	ST – Spore Trap: Zefon, Allergenco, Burkard ...	T – Tape	D – Dust
AIS – Anderson		SW – Swab	SO – Soil
SAS – Surface Air Sampler	P – Potable Water	B – Bulk	
CP – Contact Plate	NP – Non-Potable Water	O – Other: PCR Cassette	

RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
	4-16-18 1830		
Fedex 945	4/17/18	KGinthAM	

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at http://www.emlab.com/s/main/service-terms.html

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