SanAir Technologies Laboratory

Analysis Report

prepared for

Nick's Inspection Services

Report Date: 5/15/2009
Project Name: 19201 E. Park Clark
SanAir ID#: 9003937

NVLAP LAB CODE 200870-0

Lab ID # 162952

Virginia SBE
Certification # 652931

Texas Licensed Mold Analysis Laboratory
License # LAB0166

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SanAir Technologies Laboratory, Inc.
1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

Nick's Inspection Services
909 Shorthorn Drive
Grain Valley, MO 64029

May 15, 2009

SanAir ID # 09003937
Project Name: 19201 E. Park Clark
Project Number:

Dear Nick Fortner,

We at SanAir would like to thank you for the work you recently submitted. The 1 sample(s) were received on Wednesday, May 13, 2009 via FedEx. The final report(s) is enclosed for the following sample(s): #1.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

L. Claire Macdonald
Microbiology Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample Conditions:
1 sample(s) in Good condition

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SanAir ID Number
09003937
FINAL REPORT

Name: Nick's Inspection Services
Address: 909 Shorthorn Drive
Grain Valley, MO 64029

Project Number:
P.O. Number:
Project Name: 19201 E. Park Clark

Collected Date: 5/12/2009
Received Date: 5/13/2009 10:00:00 AM
Report Date: 5/15/2009 3:28:55 PM
Analyst: Zhang, Ph.D, Richard

Culture Analysis

SanAir ID: 09003937-001 Sample #: #1 ID: HVAC Chase

C2-Culture Analysis on Surface Swab using STL 103
Culture for Bacteria Only
Area: 1 Sq. In.
Analytical Sensitivity: 1000 CFUs/Sq. In.

Bacteria	Raw Count	CFUs/Sq. In.	% of Total
Acinetobacter calcoaceticus	400	400,000	6
Bacillus species	3,000	3,000,000	42
Escherichia coli	70	70,000	1
Pantoea agglomerans	3,200	3,200,000	45
Staphylococcus species	440	440,000	6
Total	7,110	7,110,000	

Certification

Signature: Date: 5/15/2009

Reviewed: L. Claire Macdonald Date: 5/15/2009

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Macdonald, Claire

ORGANISM DESCRIPTIONS

The descriptions of the organisms presented are derived from various reference materials. The laboratory report is based on the data derived from the samples submitted and no interpretation of the data, as to potential, or actual, health effects resulting from exposure to the numbers of organisms found, can be made by laboratory personnel. Any interpretation of the potential health effects of the presence of this organism must be made by qualified professional personnel with first hand knowledge of the sample site, and the problems associated with that site.

ACINETOBACTER CALCOACETICUS - Acinetobacter calcoaceticus was formerly known as Achromobacter anitratus. Acinetobacter calcoaceticus is present as normal flora of the skin and throat of human beings and is an opportunistic pathogen that has been reported to have caused serious and sometimes fatal infections

BACILLUS SPECIES - This genus of bacteria is ubiquitous in nature being found in soil, dust, water, plants, humans and animals. The majority of Bacillus species are nonpathogenic or opportunistic pathogens for humans. Exceptions are Bacillus anthracis, the cause of anthrax, and Bacillus cereus as an agent of food poisoning. Several species are plant and insect pathogens

ESCHERICHIA COLI - Member of the Enterobacteriaceae family. It is found in the feces of humans and animals and can be an opportunistic pathogen.

PANTOEA AGGLOMERANS - Pantoea agglomerans can be found in plants and in human and animal feces. Erwinia milletiae and Enterobacter agglomerans are synonyms for Pantoea agglomerans.

STAPHYLOCOCCUS SPECIES - Normal flora of the skin and mucous membranes. Can also be isolated from dust, water, and food products. Several species are considered as opportunistic pathogens to humans and animals.

Additional Information

Cultures– Air, Bulk, Surface

Identification of fungal colonies may not be possible if reproductive structures do not form. In this case, the colonies will be noted in the final report under ñundifferentiated mold.ò Ascospores (except Chaetomium), basidiospores (mushrooms), and myxomycetes (plant pathogens) are typically not seen in culture analyses. Stachybotrys may be overgrown by fast growing genera such as Cladosporium, Aspergillus, and Penicillium and may never grow on media to a detectable level. Uncertainty of measurement for swab and bulk samples uses a step-by-step uncertainty calculation derived from the sample processing methods and the overall uncertainty of analysts. The uncertainties for each analysis type are updated quarterly.

Disclaimers

This report is the sole property of and will be released only to the client named on the SanAir Technologies Laboratory chain-of-custody (COC) submitted with these samples. Results in the report are confidential information intended only for the use by the customer listed on the chain of custody (COC). Neither results nor reports will be discussed with or released to any third party without our clients' written permission. Final reports cannot be reproduced, except in full, without written authorization from SanAir. This report and any information contained within shall not be edited, altered, or modified in any way by any persons or agencies receiving, viewing, distributing, or otherwise possessing a copy of this final report. The laboratory reserves the right to perform amendments to any finalized report, of which shall supersede and make obsolete any previous editions. Such changes, modifications, additions, or deletions shall be effective immediately upon notice thereof, which may be given by means including but not limited to posting on the SanAir client portal website, electronic or conventional mail, or by any other means. The information provided in this report applies only to the samples submitted and is relevant only for the date, time and exact location of sampling as described on the COC by the client. The accuracy of the results is dependent upon the client's sampling procedure and information provided by the client on the COC. SanAir assumes no responsibility for the method of sample procurement. SanAir assumes no responsibility for information provided by the client on the COC such as project number, project name, collection dates, po number, special instructions, samples collected by, sample numbers, sample identifications, sample type, selected analysis type, flow rate, total volume or area, and start stop times that may affect the validity of the results in the report. Evaluation reports are based solely on the sample(s) in the condition in which they arrived at the laboratory and on the information provided by the client on the COC. SanAir assumes no responsibility or liability for the manner in which the results are used or interpreted. It is the client's responsibility to understand and use these results as a tool during their examination of a building. SanAir will not provide any opinion on the safety of a building as visual inspection and knowledge of water damage, past remediation, and weather conditions during sampling, among other elements, is essential in this decision. All culture plates are disposed of after 7 days unless otherwise requested by the client. SanAir performs quality checks on all media and other materials provided to the client. SanAir does not make contamination corrections to reports based upon analysis of laboratory and/or field blanks. The client should evaluate the sampling protocol and make a decision as to whether or not the sampling should be repeated. SanAir is accredited by and, therefore, follows all analytical and quality control guidelines required by the American Industrial Hygiene Association Laboratory Accreditation Program (AIHA LAP, LLC) in the Environmental Microbiology Laboratory Accreditation Program (EMLAP). Refer to our accreditation certificate or www.aihaaccreditedlabs.org for an up to date list of the Field of Testing for which we are accredited. This report does not constitute nor shall be used by the client to claim product, process, system, or person certification, approval or endorsement by AIHA LAP, LLC, NELAC, NVLAP, NIST and/or any other U.S. governmental agencies; and may not be accredited by every local, state and federal regulatory agencies.

LELAP LAB ID #05088

AIHA LAP, LLC Lab ID: LAP-162952

Revision Date 2/15/2023