



MEMORANDUM

Date: December 6, 2006

To: Michael Davis, Building Manager III
450 N Street
Sacramento, CA 95814

From: Lance Lister, Associate Industrial Hygienist
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Building and Property Management Branch
Environmental, Safety, Health Operations Safety Program
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Subject: **INDOOR AIR QUALITY INVESTIGATION FOR THE 450 N STREET- BOE BUILDING**

On December 1, 2006, stationary area indoor airborne aerosol samples were taken in the Sacramento Board of Equalization (BOE) building. This request was in response to indoor air quality concerns for a specific office on the 22nd floor. Results of the air samples showed all mold levels were within normal operating parameters. This report will detail sampling results.

STATIONARY AREA INDOOR AIRBORNE AEROSOL MONITORING RESULTS

Due to the potential that suspended particles could cause adverse health effects, air sampling was performed to characterize the presence of airborne particles within the area of concern. It is important to note that standards for the indoor airborne aerosol contaminants that were analyzed for do not currently exist. The results are used to identify "potential" problems and are not compared to any legislated criteria. Stationary area indoor airborne aerosol samples were taken in rooms 2207, 2206, the hallway outside of room 2207 and in cubicle #82 to address air quality concerns. As a general rule, total indoor airborne spore concentrations in a "typical" clean HVAC supplied building will be less than outside

concentrations. Results of the samples show levels well within acceptable concentrations and significantly below the levels found outside on the same day. The attached Table One provides detailed analytical results. Again, these results indicate relatively typical and normal constituents of suspended particles for a 'clean' building.

Please call Kent Garner at (916) 375-4991 or Lance Lister at (916) 375-4835 if you have any questions or need additional information.

Cc: Vince Paul, BPM Environmental, Health and Safety Manager

Attachment

ATTACHMENT

TABLE 1

It is important to note that standards for indoor airborne aerosol contaminants listed in the table below do not currently exist. The results are used to identify "potential" problems and are not compared to any legislated criteria. Listed below are the detailed analytical results.

450 N Street – BOE Building					
INDOOR AIR SAMPLING RESULTS					
DATE SAMPLED AND SAMPLE LOCATION	12/1/06 22 nd Floor Room 2207	12/1/06 22 nd Floor Hallway outside rm 2207	12/1/06 22 nd Floor Room 2206	12/1/06 22 nd Floor Cubicle #82 near south wall	12/1/06 Outside front of building
TOTAL MOLD SPORES (*Cts/m³)	147	53	133	213	2,346
Alternaria	13	ND**	ND**	ND**	13
Ascospores	40	40	27	27	600
Basidiospores	13	13	40	80	480
Cladosporium	27	ND**	ND**	13	720
Curvularia	ND**	ND**	ND**	ND**	13
Penicillium/Aspergillus	40	ND**	67	93	493
Pollen	ND**	ND**	ND**	ND**	13
Rusts	13	ND**	ND**	ND**	ND**
Smuts/Peric/Myxomycetes	ND**	ND**	ND**	ND**	13

*Counts Per Cubic Meter of Air

**None detected