

ASBESTOS TEM LABORATORIES, INC.

ATEM SOP-AA-01
(EPA 3050B/EPA 7420)

Lead In Soil Analysis Report

Laboratory Job # 365257

600 Bancroft Way, Ste. A
Berkeley, CA 94710
(510) 704-8930
FAX (510) 704-8429



ASBESTOS TEM LABORATORIES, INC



LAB # 101754
California DPH
ELAP ID #1866

Aug/13/2019

Monalisa Wallace
Safe Sand Company
2912 Diamond St No 331
San Francisco, CA, 94131

RE: LABORATORY JOB # 365257
Atomic Absorption Spectroscopy analytical results for 2 soil sample(s).
Job Site: Monterey CA/Ontario,CAN
Job No.:

Enclosed please find results for the atomic absorption spectroscopy (AA) metals analysis of one or more paint samples. Sample preparation and analysis procedures were performed according to ATEM SOP-AA-01 (EPA 3050B / EPA 7420).

Prior to analysis, samples are checked for damage and disruption of the chain-of-custody seal. Samples are then logged-in, each given a unique laboratory number, and a hard copy containing all pertinent information is generated. This, and all other relevant paper work are kept with each sample throughout the analytical procedures to assure proper analysis.

A portion of each sample is weighed out such that an aliquot of ~0.2 grams is obtained. The weighed sample material is then placed into a digestion vessel, transferred to a fume hood, heated at ~95 Deg. C, refluxed with nitric acid to solubilize the contained metals, and treated with hydrogen peroxide to oxidize any organic binder present in the sample material. High purity water is added to make a 50 ml volume for each sample.

AA analysis is performed on a microprocessor controlled Perkin Elmer AAnalyst 300 atomic absorption spectrophotometer, operating in the flame mode. Samples are diluted as needed to allow reading of concentrations in the calibration range. QC analyses are prepared and performed along with each sample batch to ensure accurate analytical determinations. Data is compiled into a standard report format and subjected to a thorough quality assurance check before the information is released to the client. Note: Sample results are not corrected for contamination based on the field blank(s) or other analytical blank(s).

Sincerely Yours,

ASBESTOS TEM LABORATORIES, INC.

--- Results for routine quality control samples run in parallel to the samples reported here were within acceptable limits. These results relate only to the sample(s) tested and must not be reproduced, except in full, with the approval of the laboratory. ---

**ATOMIC ABSORPTION SPECTROSCOPY
LEAD IN SOIL ANALYSIS REPORT
ATEM SOP-AA-01 (EPA 3050B / EPA 7000B)**


Contact: Monalisa Wallace	Samples Submitted: 2	Report No.: 365257
Address: Safe Sand Company	Samples Analyzed: 2	Date Submitted: Jul-30-19
2912 Diamond St No 331	Job Site / No.	Date Reported: Aug-13-19
San Francisco, CA, 94131	Monterey CA/Ontario,CAN	

SAMPLE ID	METAL	SAMPLE RESULT	REPORTING LIMIT	LOCATION / DESCRIPTION						
1	Pb	< 6.5 mg/kg	6.5 mg/kg	CA Beach Sand						
Lab ID # 96-02936-001		< 0.001 %	0.001 %	<table border="0" style="width:100%"> <tr> <td><u>Sampling Date</u></td> <td><u>Analysis Date</u></td> <td><u>Analyzed Weight (g)</u></td> </tr> <tr> <td></td> <td align="center">Aug-13-19</td> <td align="center">1.5313</td> </tr> </table>	<u>Sampling Date</u>	<u>Analysis Date</u>	<u>Analyzed Weight (g)</u>		Aug-13-19	1.5313
<u>Sampling Date</u>	<u>Analysis Date</u>	<u>Analyzed Weight (g)</u>								
	Aug-13-19	1.5313								
2	Pb	< 6.6 mg/kg	6.6 mg/kg	Safe sand-white inert feldspathic sand						
Lab ID # 96-02936-002		< 0.001 %	0.001 %	<table border="0" style="width:100%"> <tr> <td><u>Sampling Date</u></td> <td><u>Analysis Date</u></td> <td><u>Analyzed Weight (g)</u></td> </tr> <tr> <td></td> <td align="center">Aug-13-19</td> <td align="center">1.5203</td> </tr> </table>	<u>Sampling Date</u>	<u>Analysis Date</u>	<u>Analyzed Weight (g)</u>		Aug-13-19	1.5203
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Analytical results posted above relate only to the material(s) tested.
The sample has not been blank corrected.

鎘 - micrograms 1% = 10,000 ppm 1ppm = 1 mg/Kg

Lab QC Reviewer 
Jo Ann Huerto

Analyst 
Jie Zhang



ASBESTOS TEM LABORATORIES CHAIN OF CUSTODY

CALIFORNIA: 600 Bancroft Way, Suite A, Berkeley, CA 94710 Phone (510) 704-8930 Fax (510) 704-8429
NEVADA: 1350 Freepoint Blvd. #104, Sparks, NV 89431 Phone (775) 359-3377 Fax (775) 359-2798
You may also email the chain of custody to go@asbestostemplates.com *denotes required field

365257

Company: **Safe Sand Company** Contact: **Monalisa Wallace** Phone: **415-971-1776** Email: **safesand@gmail.com**
 Address: *** 2912 Diamond St. No. 331** City: *** San Francisco** State: *** CA** Zip: **94131** Email:
 Job Site: **Monterey CA/Ontario, CAN** Job #: PO #:

Reporting * Email Phone Fax Mail FTP Pickup Billing Fax Email Mail Pre-Paid On Receipt 3rd Party
 Results Due: * 2 HR 4 HR 5 HR 8 HR 24 HR 48 HR 3 DAY 4 DAY 5 DAY 7 DAY Hold Samples After Hours: ** see below

Asbestos Air PCM INIOSH 7420A TEM AHERA TEM CARB Mod. AHERA TEM FPA Yamate Level II TEM NIOSH 7402 ISO 10912 ISO 13794

Asbestos Bulk PLM Standard (EPA 600/R-93-1) PLM 400 PC PLM 1000 PC PLM 400 PC Grav. Rec. PLM 1000 PC Grav. Red. TEM EPA Qualitative TEM EPA Quantitative
 TEM Chatfield (Serr-Quant) PREP ONLY Custom Analysis: **

Asbestos Soils CARB 435 Prep On-W CARB 435 PLM 400 PC CARB 435 PLM 1000 PC EPA Soil Screening Qualitative TEM EPA/CARB Quantitative
 Asbestos Dust ASTM D-5755 Fiber Count ASTM D-5756 Wt. % ASTM D-5756 Mass ASTM D-6490-99 Cust Wipe Total Particulates (grav.) TEM EPA/CARB Quantitative

Asbestos Water 100.2 Potable Drinking Water 100.1 Non Potable Water REPORT TO STATE: EDT #

Lead/Silica Lead Paint Lead Dust Lead Air Lead Soil Silica Dust Airborne by NIOSH 7500 Crystalline Silica (Single Species) Silica Dust Bulk by NIOSH 7500 Crystalline Silica in Bulk (Single Species)

Sample Storage No Test, Hold Until: Test AND Hold Until: All samples will be held for 3 months from the date of receipt or ATEM. Additional sample storage time may be obtained through ATEM Customer Service.

Custom Order Sensitivity: Composite 8 Hour TWA Special Instructions: **White sand is from Canada, brown sand is from California**

REANALYSIS Original Log# / Lot # _____ / _____ New Analysis Type: _____ TAT: _____ Special Instructions: _____

Sample # *	Sample Type	Date Collected	Time On	Time Off	Total Time (min)	Flow Rate (lpm)			Volume or Area Sampled	Hold Sample	Description *
						On	Off	Average			
1											
2											QA. BEACH SAND SAFE SAND-WHITE WVRT TELESPATHIC SAND

Submitted by * **Jesse Garcia** Received By **ATEM / PJ**
 Date/Time Submitted * **07/23/2018** Date/Time Received **7/23/18 1:38PM**
 Submitted By **[Signature]** Received By **[Signature]**
 Date/Time Submitted **07/23/2018 12:13pm** Date/Time Received

** Any special instructions, RUSH results or Custom Analysis, you must clarify these specifications AND, of more importance, contact us here at ATEM ahead of time to manage scheduling to meet your requests. Drop off and processing of samples after hours cannot be accommodated without proper notification from you, and confirmation by ATEM staff.