

Batch # 88923  
Lab # ROW9761 - ROW9765  
Page 2 of 2

ROW9762, Field CENTER AUDIENCE-2, 25 mm; 03/03/10 Area Sample  
Time started 8:55; Time ended 10:55; Total minutes: 120; Air flow 12 LPM; Volume 1440 L.  
**Asbestos is none detected.** 5.5 fibers were counted in 200 fields. The detection limit is .0019 fibers per cc based on a count of 5.5 fibers in 100 fields.

ROW9763, Field SOUTHWEST CORNER-3, 25 mm; 03/03/10 Area Sample  
Time started 8:55; Time ended 10:55; Total minutes: 120; Air flow 12 LPM; Volume 1440 L.  
**Asbestos is none detected.** 3.0 fibers were counted in 100 fields. The detection limit is .0019 fibers per cc based on a count of 5.5 fibers in 100 fields.

ROW9764, Field Blank, 25 mm;  
Field blank - no charge for counting - 0.0 fibers were counted in 100 fields.

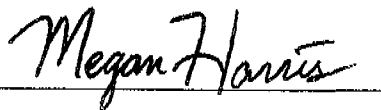
ROW9765, Field No Blank Requested, 25 mm;  
Field blank - no charge for counting - 0.0 fibers were counted in 100 fields.

Very truly yours,



Steve H. Dixon, President

ANALYST - Megan Harris  
DATE - March 3, 2010



Dixon Information Inc.  
 78 West 2400 South  
 South Salt Lake, Utah 84115  
 Phone: (801) 486-0800 Fax: (801) 486-0849

**RUSH**

**AIR ANALYTICAL REQUEST FORM**

Turnaround Time - Check One

Batch Number 88923

**Two Hour Rush** (2 Hours \$30.00 per sample)

**Rush** (24 Hours \$20.00 per sample)

**Non-rush** (5 Working Days \$10.00 per sample)

Name of location sample was taken at SUGAR FACTORY PLAYHOUSE  
 Street address sample was taken at 8281 SOUTH 2200 WEST, WEST JORDAN, UT 84084  
 Sampled by: JEFF ROWLAND Sampled Date 3/3/2010  
 Project #  Work Order #  Purchase Order # 14421 - WEST JORDAN CITY Job # \_\_\_\_\_

Report to be sent to: ROWLAND  
 Company: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_  
 Zip Code: \_\_\_\_\_  
 Telephone #: \_\_\_\_\_  
 Fax #: \_\_\_\_\_  
 E-mail: \_\_\_\_\_

Billing to be sent to: ROWLAND  
 Company: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_  
 Zip Code: \_\_\_\_\_  
 Telephone #: \_\_\_\_\_  
 Addition Instructions: \_\_\_\_\_

Field #	Date	Description	Time On	Time Off	Flow	Volume	Lab #
<u>NORTH STAGE - 1</u>	<u>3/3/2010</u>	<u>AREA SAMPLE</u>	<u>0855</u>	<u>1055</u>	<u>12.0</u>	<u>1440</u>	<u>9761</u>
<u>CENTER AUDIENCE - 2</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>9762</u>
<u>SOUTHWEST CORNER - 3</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>9763</u>
<u>BLANK</u>							<u>9764</u>

**Chain of Custody**

Submission of asbestos samples for analysis and/or signing a chain of custody is the equivalent of submission of a purchase order and constitutes an agreement to pay for services provided at Dixon Information Incorporated standard schedule of fees for services.

Submitted by: JEFF ROWLAND  
 Received by Lab: Dixon Bldg  
 Received by Analyst: Megan Howard  
 Returned by Lab: \_\_\_\_\_

Date: 3/3/2010 Time: 1255  
 Date: 3-3-10 Time: 1255  
 Date: 3-3-10 Time: 16:00  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_

Dixon Information Inc.  
 78 West 2400 South  
 South Salt Lake, Utah 84115  
 Phone: (801) 486-0800 Fax: (801) 486-0849

**RUSH**

**AIR ANALYTICAL REQUEST FORM**

Turnaround Time - Check One

Batch Number 88923

Two Hour Rush (2 Hours \$30.<sup>00</sup> per sample)

Rush (24 Hours \$20.<sup>00</sup> per sample)

Non-rush (5 Working Days \$10.<sup>00</sup> per sample)

Name of location sample was taken at SUGAR FACTORY PLAYHOUSE  
 Street address sample was taken at 8221 SOUTH 2200 WEST WEST JORDAN, UT 84084  
 Sampled by: JEFF ROWLAND Sampled Date 3/3/2010  
 Project #  Work Order #  Purchase Order # 14421 - WEST JORDAN CITY Job # \_\_\_\_\_

Report to be sent to: ROWLAND  
 Company: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_  
 Zip Code: \_\_\_\_\_  
 Telephone #: \_\_\_\_\_  
 Fax #: \_\_\_\_\_  
 E-mail: \_\_\_\_\_

Billing to be sent to: ROWLAND  
 Company: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_  
 Zip Code: \_\_\_\_\_  
 Telephone #: \_\_\_\_\_  
 Addition Instructions: \_\_\_\_\_

Field #	Date	Description	Time On	Time Off	Flow	Volume	Lab #
<u>NORTH STAGE - 1</u>	<u>3/3/2010</u>	<u>AREA SAMPLE</u>	<u>0855</u>	<u>1055</u>	<u>12.0</u>	<u>1440</u>	<u>9761</u>
<u>CENTER AUDIENCE - 2</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>9762</u>
<u>SOUTHWEST CORNER - 3</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>9763</u>
<u>BLANK</u>							<u>9764</u>

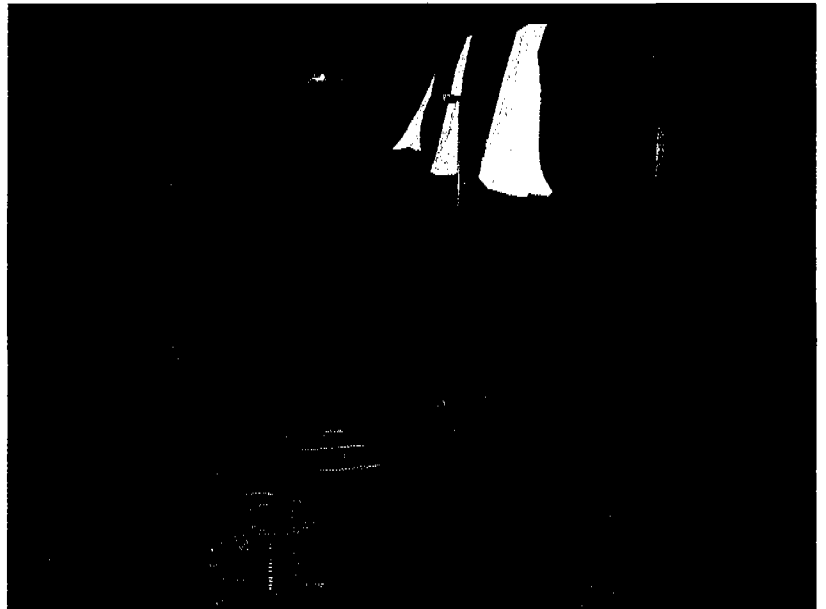
**Chain of Custody**

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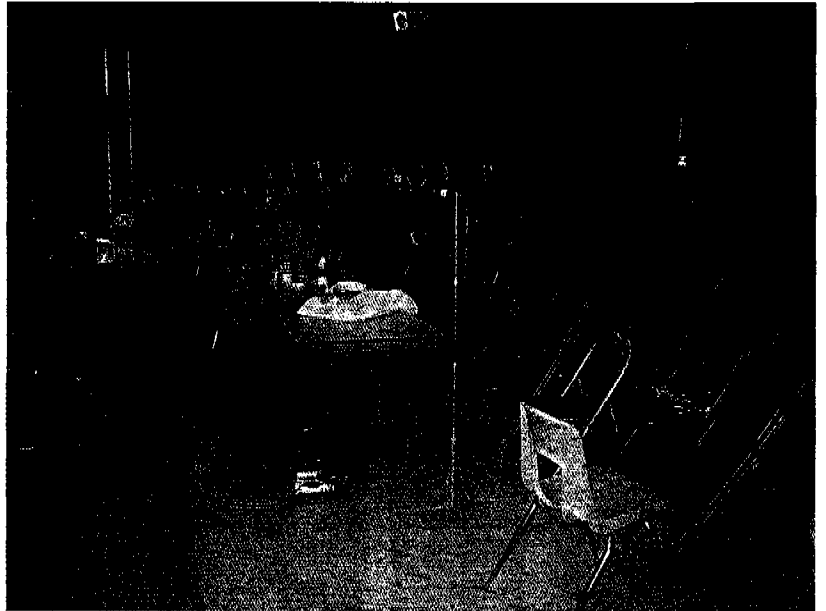
Submitted by: JEFF ROWLAND  
 Received by Lab: Dixon Info  
 Received by Analyst: Megan  
 Returned by Lab: \_\_\_\_\_

Date: 3/3/2010 Time: 1255  
 Date: 3-3-10 Time: 1255  
 Date: 3-3-10 Time: 16:00  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_

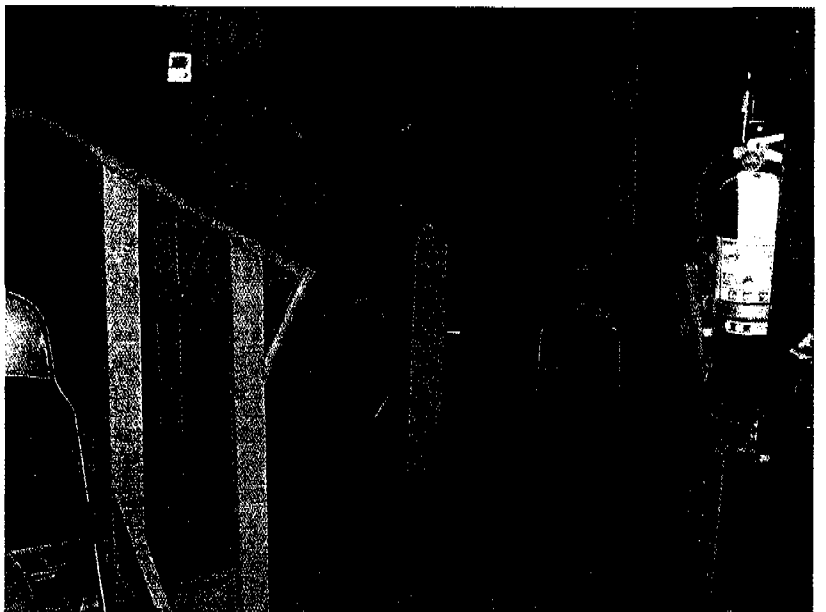
**Photograph 1**  
**Sugar Factory Playhouse;**  
**NORTH STAGE-1 air sample.**



**Photograph 2**  
**Sugar Factory Playhouse;**  
**CENTER AUDIENCE-2 air**  
**sample.**



**Photograph 3**  
**Sugar Factory Playhouse;**  
**SOUTHWEST CORNER-3 air**  
**sample.**



**AIR SAMPLING FOR ASBESTOS**

***SUGAR FACTORY PLAYHOUSE***

***8201 South 2200 West  
West Jordan, Utah 84088***



Prepared for:

**CITY OF WEST JORDAN**

8000 South Redwood Road

West Jordan, Utah 84088



**ROWLAND CONSULTING, INC.**  
**ASBESTOS LEAD PAINT ENVIRONMENTAL**  
**PROFESSIONAL EXPERIENCED**

March 12, 2010

Tony Cottle, Facilities Supervisor  
CITY OF WEST JORDAN  
8030 South 4000 West  
West Jordan, Utah 84088

RE: **FINDINGS AND RECOMMENDATIONS** for the indoor air sampling for Asbestos at: *Sugar Factory Playhouse, 8201 South 2200 West, West Jordan, Utah 84088.*

**FINDINGS**

On March 3, 2010, **ROWLAND CONSULTING, INC.** performed indoor air sampling for asbestos at the request of Mr. Tony Cottle, Facilities Supervisor, CITY OF WEST JORDAN. The air sampling for asbestos results are as follows:

Sample ID#	Time On/Off	Total Minutes	ADJ LPM	Total Volume(L)	Result f/cc
NORTH STAGE-1	0855/1055	120	12.0	1440	ND
CENTER AUDIENCE-2	0855/1055	120	12.0	1440	ND
SOUTHWEST CORNER-3	0855/1055	120	12.0	1440	ND

ADJ LPM = Adjusted liters per minute  
L = Liters of air  
ND = NONE DETECTED for asbestos

NOTE: air sampling calibrations were measured with a precision ball rotameter, calibrated by a primary calibration instrument. The ADJ LPM is determined by multiplying the temperature, elevation, and rotameter (center of ball) calibration. The result is determined by multiplying minutes and ADJ LPM for total volume. The laboratory uses the calculations for each sample and analyzes the number of particulates (airborne fibers) in the sample cassette, and the result is reported as the number of fibers per cubic centimeter (f/cc-fibers in a field of 100 visible fibers), or NONE DETECTED.

NOTE: 29 CFR 1926.1101 OSHA ASBESTOS CONSTRUCTION STANDARD (c)(1) establishes a Permissible Exposure Limit (PEL) that "no employee is exposed to an airborne concentration of asbestos in excess of 0.1 fiber per cubic centimeter (f/cc) of air as an 8-hour Time Weighted Average (TWA), as determined by the method prescribed in Appendix A to this section (referring to methods used for air sampling), or by an equivalent method."

**RECOMMENDATIONS**

Since the laboratory results revealed "Asbestos is none detected", no further recommendations are necessary.

During our air sampling, Mr. Cottle escorted me to the boiler room north of the stage, behind locked doors. My visual inspection of the Thermal System Insulation (TSI) on the boilers and associated piping in the boiler room indicated the material seems to be in fair condition. It is important that this area remain inaccessible to anyone except "knowledgeable" employees regarding Asbestos Containing Material (ACM). **ROWLAND CONSULTING, INC. recommends this area be visually inspected at least every six (6) months. Any change in condition of the ACM should immediately be reported to management.**

Thank you for the opportunity to serve as your consultant for this project. Please do not hesitate to contact me with any questions.

Sincerely,



Jeff Rowland, President  
**ROWLAND CONSULTING, INC.**  
Attachments

**7301 South Paddington Road West Jordan, UT 84084  
T 801.255.2800 F 801.569.2501 C 801.541.6915**

WEST JORDAN CITY  
ASBESTOS AIR SAMPLING  
SUGAR FACTORY PLAYHOUSE

# DIXON INFORMATION INC.

MICROSCOPY, ASBESTOS ANALYSIS & CONSULTING

A.I.H.A. ACCREDITED LABORATORY # 101579

NVLAP LAB CODE 101012-0

March 3, 2010

Jeff Rowland  
Rowland Consulting, Inc.  
7301 Paddington Road  
West Jordan, UT 84084

Ref: Batch #88923 Lab #ROW9761-ROW9765  
RUSH ROW9761-ROW9765  
RECEIVED March 3, 2010 13:11  
Test report  
Purchase Order #: 14421 West Jordan City  
Sugar Factory Playhouse  
8201 South 2200 West, West Jordan, UT 84084  
Sampled by Jeff Rowland on 3/3/2010

Dear Jeff Rowland:

Samples ROW9761 through ROW9765 have been analyzed by NIOSH method 7400 revision 3, Issue 2, Aug. 1994, phase contrast microscopy and by polarized light. Sample volume is based on your field data. The samples are blank corrected. The detection limit for air samples is 5.5 fibers in 100 fields. To express the detection limit in fibers per cc, divide 2.695 by the volume in liters. The data for this report is accredited by AIHA for laboratory number 1015-79. It does not contain data or calibrations for tests performed under the NVLAP program under lab code 101012-0.

Appendix "A" Contains statements which an accredited laboratory must make to meet the requirements of accrediting agencies. Appendix "A" must be included as an essential part of this test report. This report may be reproduced but all reproduction must be in full unless written approval is received from the laboratory for partial reproduction.

Unless specifically requested, the NIOSH 7400 method Issue 2, Revision 3 page 7, Note 2 has been used. This includes polarized light microscopy as described in NIOSH 7403 to identify and eliminate non-crystalline fibers with a diameter greater than 1 micron.

The intercounter RSD at Dixon Information Inc. is as follows: 0-20 fibers per 100 fields is .1690, > 20-50 fibers per 100 fields is .0932, > 50-100 fibers per 100 fields is .0805, > 100 fiber per 100 fields is .0834.

The results of the analysis are as follows:

ROW9761, Field NORTH STAGE-1, 25 mm; 03/03/10 Area Sample

Time started 8:55; Time ended 10:55; Total minutes: 120; Air flow 12 LPM; Volume 1440 L.

**Asbestos is none detected.** 3.5 fibers were counted in 100 fields. The detection limit is .0019 fibers per cc based on a count of 5.5 fibers in 100 fields.

78 WEST 2400 SOUTH • SOUTH SALT LAKE, UTAH 84115-3013

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