ARDENT
ENVIRONMENTAL
GROUP, INC.

August 30, 2010
Project No. 100148003

Mr. Kevin Radecki
Industry Urban-Development Agency
15625 East Stafford Street, Suite 200
City of Industry, California 91744

Subject: Miscellaneous Hazardous Building Materials Survey
Building Demolition at
111 North Hudson Avenue
City of Industry, California

Dear Mr. Radecki:

Ardent Environmental Group, Inc. (Ardent) performed a pre-demolition survey of miscellaneous hazardous building materials for the building located at 111 North Hudson Avenue, City of Industry, California (site). Suspect miscellaneous hazardous building materials include polychlorinated biphenyl (PCB)-containing light fixture ballasts, fluorescent light tubes (FLTs), mercury-containing thermostat switches, and Halogen or Freon-containing equipment (e.g. air conditioning units and water coolers). This report has been prepared for Industry Urban-Development Agency (Agency) in general accordance with contract number 4-ARDENT 10-01 MP 08-13.

BUILDING LOCATION AND DESCRIPTION

The site is located at 111 North Hudson Avenue in the City of Industry, Los Angeles County, California (Figure 1). The site comprises approximately 1.75-acres and has been assigned the Tax Assessor's Parcel Number (APN) 8208-024-027.

The site is a square-shaped parcel occupied by one approximately 39,600-square foot industrial/warehouse building. At the time of this report the site was unoccupied. The site building was

Phone: (951) 736-5334
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1141 Pomona Road, Suite E
Corona, California 92882

constructed in 1967/1968 and contains an approximately 7,400 square foot office area, including a 1,400 square foot mezzanine, and an approximately 32,000 square foot warehouse area.

SURVEY RESULTS

Ardent performed a visual survey of the building on August 17, 2010. Based on the results of the survey, the following hazardous or universal waste materials were identified in the building.

- Suspect PCB-containing light fixture ballasts;
- Fluorescent lit tubes;
- Mercury-containing thermostats;
- Mercury-containing vapor light bulbs; and
- Air-conditioning units.

The estimated quantity and locations of these materials are summarized in Table 1

RECOMMENDATIONS

The results of the miscellaneous hazardous building materials survey indicate that universal waste rule and other miscellaneous hazardous materials are present at the site building. Ardent recommends that each of these materials be removed prior to demolition of the building.

The quantity of PCB-containing fluorescent light fixture ballasts was estimated by Ardent by random spot checks within each room of the building. Ardent recommends that all light fixtures be visually inspected prior to disposal to determine if they contain PCBs. Ballasts that are not marked "No PCBs" or "PCB Free" should be considered PCB-containing. PCB-containing ballasts should be handled, transported, and disposed in accordance with the requirements of Title 22 of the California Code of Regulations (CCR), Section 67426.1.

Fluorescent light tubes, mercury-containing thermostat switches, and mercury vapor lamps should be removed and disposed of in accordance with the Universal Waste Rule, Title 22 CCR, Section 66273.

Freon or Chlorofluorocarbons (CFC) in refrigeration or air conditioning units should be captured and recycled in accordance with the requirements of the South Coast Air Quality Management District Rule 1415.

LIMITATIONS

The services provided and the information obtained is relevant for the date the services were performed and valid as of the date of this letter. This letter is conclusive with respect to the information obtained. No warranty, express or implied, is intended regarding the results of this report and any subsequent reports, correspondence, or consultation. The information obtained is not intended to address potential impacts related to sources other than those specified herein. The findings and conclusions presented in this letter are relevant to the portions of the structure investigated.

The estimated quantities of ACMs and ACCMs provided in the table accompanying this report are for discussion and management purposes only. The actual quantities may vary and should be verified by the asbestos abatement contractor prior to abatement.

The findings and conclusions as presented in this letter are based on the services provided, and should not be interpreted as a warranty that asbestos does not exist elsewhere in the subject structure. All ACMs in the site building may not have been identified by this survey due to inaccessible or hidden building features. Furthermore, although samples were collected from each identified homogeneous area, the homogeneity of materials cannot be guaranteed. Therefore, additional sampling and testing may be necessary to provide a higher degree of confidence regarding the presence of asbestos in the building.

The services summarized herein were performed in accordance with the local standard of care and state-of-the industry practices in the geographic region at the time the services were rendered. Because the most comprehensive survey may not detect all asbestos in a building, Ardent cannot act as an insurer or certify that the site building is free of asbestos.

We appreciate the opportunity to be of service on this project.

Sincerely,
Ardent Environmental Group, Inc.

Craig A. Metheny, R.E.A.
Certified Asbestos Consultant #08-4421

Paul A. Roberts, P.G., R.E.A. I/II
Principal Geologist

CM/PAR/paw

Attachments: Table 1 – Universal Wastes/Miscellaneous Materials

Distribution: (1) Addressee

Table 1 – Universal Wastes/Miscellaneous Materials

Feature	Possible Hazardous Component	Location	Total Estimated Quantity
Fluorescent Light Ballasts	PCBs	Throughout Office and Warehouse	72
Fluorescent Light Tubes	Mercury	Throughout Office and Warehouse	158 – 8 ft long 120 – 4 ft long
Mercury Vapor Lamps	Mercury	Warehouse	26
Thermostat Switches	Liquid mercury and/or lead batteries	Throughout Office	4 – Mercury 2 – Battery
Air Conditioning Units	Freon or CFC gases	Roof	5

PCB – polychlorinated biphenyls
CFC – Chlorofluorocarbons

ARDENT
ENVIRONMENTAL
GROUP, INC.

ASBESTOS SURVEY
111 NORTH HUDSON AVENUE
CITY OF INDUSTRY, CALIFORNIA

PREPARED FOR
Industry Urban-Development Agency
15625 East Stafford Street, Suite 200
City of Industry, California 91744

PREPARED BY
Ardent Environmental Group, Inc.
1141 Pomona Road, Suite E
Corona, California 92882

August 30, 2010
Project No. 100148003

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1141 Pomona Road, Suite E
Corona, California 92882

ARDENT
ENVIRONMENTAL
GROUP, INC.

August 30, 2010
Project No. 100148003

Mr. Kevin Radecki
Industry Urban-Development Agency
15625 East Stafford Street, Suite 200
City of Industry, California 91744

Subject: Asbestos Survey
111 North Hudson Avenue
City of Industry, California

Dear Mr. Radecki:

In accordance with your authorization, Ardent Environmental Group, Inc. has completed a pre-demolition asbestos survey of the building located at 111 North Hudson Avenue, City of Industry, California.

Ardent Environmental Group, Inc. appreciates the opportunity to be of service on this project.

Sincerely,
Ardent Environmental Group, Inc.

Craig A. Metheny, R.E.A., C.A.C.
Principal Geologist

Paul A. Roberts, P.G., R.E.A I/II
Principal Geologist

CM/PAR/paw

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1. INTRODUCTION

Ardent Environmental Group, Inc. (Ardent) performed a pre-demolition asbestos survey of the building located at 111 North Hudson Avenue, City of Industry, California (site). This report has been prepared for Industry Urban-Development Agency (Agency) in general accordance with contract number 4-ARDENT 10-01 MP 08-13.

2. PURPOSE

The purpose of this survey was to identify the presence, quantity, and condition of asbestos-containing materials (ACMs) and asbestos-containing construction materials (ACCMs) in the site building to satisfy the pre-demolition asbestos survey requirements of the U.S. Environmental Protection Agency (EPA) and the South Coast Air Quality Management District (SCAQMD) and to provide information for the preparation of a hazardous building materials removal work plan.

3. BUILDING LOCATION AND DESCRIPTION

The site is located at 111 North Hudson Avenue in the City of Industry, Los Angeles County, California (Figure 1). The site comprises approximately 1.75-acres and has been assigned the Tax Assessor's Parcel Number (APN) 8208-024-027.

The site is a square-shaped parcel occupied by one approximately 39,600-square foot industrial/warehouse building. At the time of this report the site was unoccupied. The site building was constructed in 1967/1968 and contains an approximately 7,400 square foot office area, including a 1,400 square foot mezzanine, and an approximately 32,000 square foot warehouse area. The site building is of concrete tilt-up construction with wood or metal framed gypsum board interior walls. Floors are finished with concrete in the warehouse area, with carpet in the office areas, and with sheet vinyl flooring or vinyl floor tiles in restrooms. Ceilings in the office area are finished with suspended acoustic ceiling panels.

4. SCOPE OF SERVICES

The scope of services performed by Ardent consisted of the following:

- A site reconnaissance, which included identifying and sampling homogeneous areas of suspect ACMs in the buildings, including exterior and roofing materials. Ardent collected 49 bulk samples for laboratory analysis. The samples were collected by a California Certified Asbestos Consultant in accordance with EPA and California Department of Health Services guidelines.

- Bulk samples were analyzed for asbestos content by polarized light microscopy (PLM) in accordance with EPA method 600/R-93/116 by an NVLAP accredited laboratory. Selected samples were further analyzed by the EPA Point Count 1000 method.

- Preparation of this report.

5. ASBESTOS SURVEY METHODS

The asbestos survey was performed from August 9, 2010 through August 13, 2010. The survey was performed by Craig Metheny, a State Certified Asbestos Consultant. The asbestos survey was performed in general accordance with the standard procedures recommended by the U.S. Environmental Protection Agency (EPA) and the requirements of the State of California Division of Occupational Safety and Health (DOSH). The sampling strategy involved the collection of a representative number of samples of friable and/or nonfriable materials judged to potentially contain asbestos (suspect ACMs). Friable materials are defined by the EPA as those materials that can be crumbled, pulverized, or reduced to powder by hand pressure when dry. Nonfriable materials can become friable when disturbed through work practices and or handling, such as cutting, drilling, grinding, sanding, and handling during removal.

Suspect ACMs and homogeneous areas were identified and bulk samples were collected and handled using the following general procedures:

1. The location, type, quantity, and condition of suspect ACMs was identified and tabulated.

2. The suspect ACMs were divided into homogeneous materials. A homogeneous material is defined as being uniform in texture, color, and date of application.

3. A sampling scheme including the number and locations of samples was developed based on the location and quantity of the identified homogeneous materials.

4. Bulk samples were collected by trained and certified personnel using an appropriate sampling tool, wet methods, and a leak-tight container. Each sample was recorded on a sampling log.
5. Decontamination of sampling tools.
6. A chain-of-custody record was maintained fro the samples from collection to delivery to the laboratory.

A listing of all homogeneous areas (HAs) of suspect ACMs is provided in Table 1. A total of 49 bulk samples were collected from the site buildings. Bulk sample locations are shown in Figures 3 and 4. In addition, two large rolling fire doors in the warehouse area of the site building were inspected for possible ACMs. The fire doors were found to be constructed of wood core and sheet metal exterior. Therefore, samples were not collected of the fire door materials.

6. ANALYTICAL METHODS AND RESULTS

The bulk samples were submitted to EMLab P&K, an NVLAP accredited laboratory, for analysis of asbestos content. The samples were analyzed by polarized light microscopy (PLM) in accordance with EPA method 600/R-93/116. Six samples (samples 1, 2, 4, 5, 6, & 46) which showed a trace (<1 percent) amount of asbestos by the PLM analysis were further analyzed by the EPA Point Count 1000 method.

The PLM method used has a detection limit of 1 percent. Materials reported to contain 1 percent or more are considered and asbestos-containing materials (ACM). A material reported to have a trace percentage of asbestos (present at less than 1 percent) should be treated as an asbestos-containing construction material (ACCM, greater than 0.1 percent asbestos) unless analyzed by other methods, such as the Point Count method. The Point Count 1000 method has a detection limit of 0.1 percent.

The laboratory results are summarized in Table 2. As shown in Table 2, no suspect materials that were sampled and analyzed contained greater than 0.1 percent asbestos. The laboratory reports are presented as Attachment A.

7. DISCUSSION OF RESULTS AND CONCLUSIONS

A total of 49 samples were collected by Ardent and analyzed by the laboratory for asbestos content. Based on the inspection and laboratory results, no materials were found to contain detectable concentrations of 1 percent or greater of asbestos (ACMs) or less than 1 percent but greater than 0.1 percent asbestos (ACCMs).

Detected ACMs (1% or greater asbestos content)

- None.

Detected ACCMs (less than 1% and greater than 0.1% asbestos content)

- None.

8. RECOMMENDATIONS

The results of the asbestos survey indicate that ACMs and ACCMs are not present at the site building. Ardent makes no recommendations for further action related to asbestos-containing materials.

9. QUALIFICATIONS & CERTIFICATIONS

Ardent team members and subcontractors are qualified or are properly licensed or certified to do the work described herein. Copies of relevant certifications are provided as Attachment B.

10. LIMITATIONS

The services provided and the information obtained is relevant for the date the services were performed and valid as of the date of this letter. This letter is conclusive with respect to the information obtained. No warranty, express or implied, is intended regarding the results of this report and any subsequent reports, correspondence, or consultation. The information obtained is not intended to address potential impacts related to sources other than those specified herein. The findings and conclusions presented in this letter are relevant to the portions of the structure investigated.

The estimated quantities of ACMs and/or ACCMs provided in this report are for discussion and management purposes only. The actual quantities may vary and should be verified by the asbestos abatement contractor prior to abatement.

The findings and conclusions as presented in this letter are based on the services provided, and should not be interpreted as a warranty that asbestos does not exist elsewhere in the subject structure. All ACMs in the site building may not have been identified by this survey due to inaccessible or hidden building features. Furthermore, although samples were collected from each identified homogeneous area, the homogeneity of materials cannot be guaranteed. Therefore, additional sampling and testing may be necessary to provide a higher degree of confidence regarding the presence of asbestos in the building.

The services summarized herein were performed in accordance with the local standard of care and state-of-the industry practices in the geographic region at the time the services were rendered. Because the most comprehensive survey may not detect all asbestos in a building, Ardent cannot act as an insurer or certify that the site building is free of asbestos.

TABLE 1 - HOMOGENEOUS AREAS (HA) OF SUSPECT ASBESTOS-CONTAINING MATERIALS (ACMs)

HA #	Description	Location(s)
A	Drywall and Joint Compound	Most rooms in ground floor office area
B	Brown Cove Base Mastic	Most rooms in ground floor office area except restrooms.
C	Ceiling Tile with Random Stipple Pattern	Rooms 1, 12, 13, 14, & 15.
D	Ceiling Tile with Fissure Pattern	Rooms 2, 3, 4, 5, 6, 7, 10 & 11.
E	White Cove Base Mastic	All rooms in ground floor office area except restrooms.
F	Yellow Carpet Mastic	All rooms in ground floor office area except restrooms.
G	Gray & White Sheet Flooring with Brown Mastic	Rooms 8, 9 & 17 (restrooms)
H	Gray 12x12 Vinyl Floor Tile with Yellow Mastic	Room 16 (restroom)
I	Drywall and Joint Compound	Room 24 (mezzenine)
J	Yellow-Brown Carpet Mastic	Room 24 (mezzenine)
K	Drywall and Joint Compound with Texture Coat	Rooms 15 & 18
L	Roof Core	Roof Section A
M	Roof Core	Roof Section B
N	Silver Roof Mastic	Roof Sections A & B
O	Light Gray Roof Mastic	Roof Section A
P	White Roof Mastic	Roof Sections A & B
Q	Large Fire Doors	Warehouse
R	White Mirror Mastic	Rooms 8, 9, 16 & 17
S	Yellow-Brown Wainscot Mastic	Rooms 8, 9, 16 & 17
T	Gray Roof Mastic	Roof Sections A & B
U	White Roof Mastic	Roof Sections A & B
Note: Locations of room numbers and roof sections are shown in Figures 3 and 4.		

TABLE 2 - ASBESTOS SAMPLE RESULTS

Sample Number	HA Number	Type of Material	Location	Asbestos Content
1	A	Drywall & Joint Compound	Room 6 - Office	**Joint Compound = <1% Chrysotile** Drywall = ND Composite = ND<0.1%
2	A	Drywall & Joint Compound	Room 3 - Office	**Joint Compound = <1% Chrysotile** Drywall = ND Composite = ND<0.1%
3	A	Drywall & Joint Compound	Room 11 - Office	Joint Compound = ND Drywall = ND
4	A	Drywall & Joint Compound	Room 8 - Restroom	**Joint Compound = <1% Chrysotile** Drywall = ND Composite = ND<0.1%
5	A	Drywall & Joint Compound	Room 20 - Office	**Joint Compound = <1% Chrysotile** Drywall = ND Composite = ND<0.1%
6	K	Drywall & Joint Compound with Texture Coat	Room 15 - Office	**Joint Compound = <1% Chrysotile** Drywall = ND Composite = ND<0.1% Texture Coat = ND
7	K	Drywall & Joint Compound with Texture Coat	Room 15 - Office	Joint Compound = ND Drywall = ND Texture Coat = ND
8	K	Drywall & Joint Compound with Texture Coat	Room 18 - Office	Joint Compound = ND Drywall = ND
9	B	Brown and Tan Cove Base Mastic	Room 6 - Office	Brown Mastic = ND Tan Mastic = ND
10	E	White Cove Base Mastic	Room 6 - Office	ND
11	E	White Cove Base Mastic	Room 7 - Lobby	ND
12	E	White Cove Base Mastic	Room 1 - Office	ND
13	B	Brown Cove Base Mastic	Room 12 - Office	ND
14	L	Layered Roof Core	Roof Section A	Cap Sheet = ND Felt Layer 1 = ND Felt Layer 2 = ND Felt Layer 3 = ND
15	L	Layered Roof Core	Roof Section A	Cap Sheet = ND Felt Layer 1 = ND Felt Layer 2 = ND Felt Layer 3 = ND
16	M	Layered Roof Core	Roof Section B	Cap Sheet = ND Felt Layer 1 = ND Felt Layer 2 = ND Felt Layer 3 = ND

TABLE 2 - ASBESTOS SAMPLE RESULTS

Sample Number	HA Number	Type of Material	Location	Asbestos Content
17	M	Layered Roof Core	Roof Section B	Cap Sheet = ND Felt Layer 1 = ND Felt Layer 2 = ND Felt Layer 3 = ND
18	N	Silver Roof Mastic	Roof Section A - AC Unit	ND
19	N	Silver Roof Mastic	Roof Section A - Parapet Wall	ND
20	N	Silver Roof Mastic	Roof Section A/B - Divider Wall	ND
21	T	Gray Roof Mastic	Roof Section B - Small Patches	ND
22	N	Silver Roof Mastic	Roof Section A - Skylight	ND
23	P	White Roof Mastic	Roof Section A - Skylight	ND
24	P	White Roof Mastic	Roof Section A - Vent	ND
25	U	White Roof Mastic with Membrane	Roof Section A - Patch	White Mastic = ND Felt Layer = ND
26	U	White Roof Mastic with Membrane	Roof Section B - Patch	White Mastic = ND Felt Layer = ND
27	O	Light Gray Roof Mastic	Roof Section A - AC Unit	Mastic = ND Felt Layer = ND
28	O	Light Gray Roof Mastic	Roof Section A - Skylight	Mastic = ND Felt Layer = ND
29	T	Gray Roof Mastic	Roof Section A - AC Unit	ND
30	O	Light Gray Roof Mastic	Roof Section A - Parapet Wall	ND
31	D	Ceiling Tile Fissure Pattern	Room 6 - Office	ND
32	D	Ceiling Tile Fissure Pattern	Room 11 - Office	ND
33	C	Ceiling Tile Random Pattern	Room 1 - Office	ND
34	C	Ceiling Tile Random Pattern	Room 12 - Office	ND
35	F	Yellow Carpet Mastic	Room 7 - Lobby	ND
36	F	Yellow Carpet Mastic	Room 14 - Office	ND
37	F	Yellow Carpet Mastic	Room 1 - Office	ND
38	G	Gray & White Sheet Flooring w/Brown Mastic	Room 8 - Restroom	Mastic = ND Leveling Compound = ND Flooring = ND
39	G	Gray & White Sheet Flooring w/Brown Mastic	Room 17 - Restroom	Mastic = ND Leveling Compound = ND Flooring = ND
40	H	Gray 12x12 Vinyl Floor Tile w/Gray Filler	Room 16 - Restroom	Mastic = ND Leveling Compound = ND Flooring = ND
41	H	Gray 12x12 Vinyl Floor Tile w/Yellow Mastic	Room 16 - Restroom	Mastic = ND Leveling Compound = ND Flooring = ND
42	R	White Mirror Mastic	Room 8 - Restroom	ND
43	R	White Mirror Mastic	Room 17 - Restroom	ND
44	S	Yellow-Brown Wainscot Mastic	Room 8 - Restroom	ND
45	S	Yellow-Brown Wainscot Mastic	Room 16 - Restroom	ND

TABLE 2 - ASBESTOS SAMPLE RESULTS

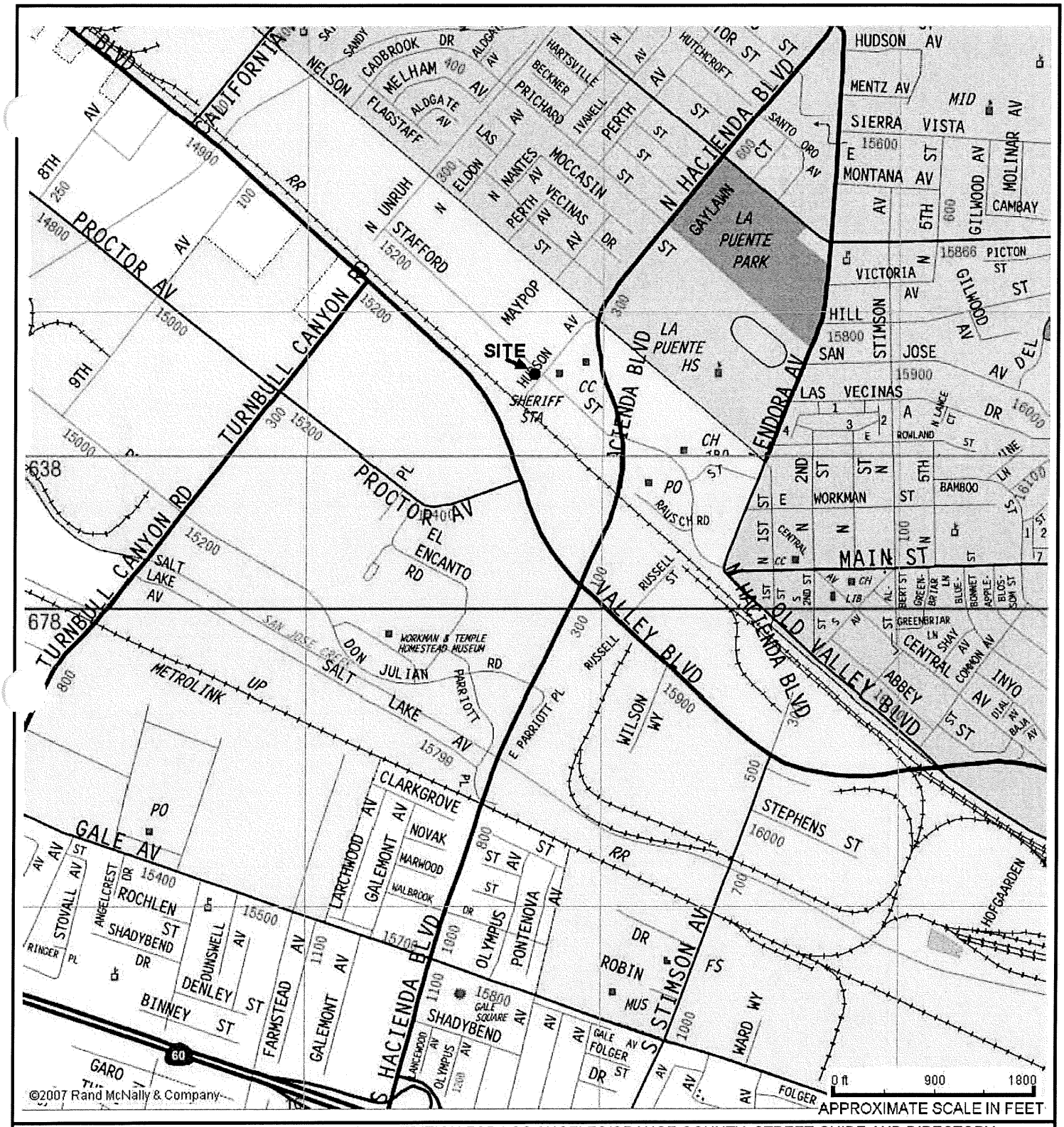
Sample Number	HA Number	Type of Material	Location	Asbestos Content
46	I	Drywall & Joint Compound	Room 24 - Mezzenine	**Joint Compound = <1% Chrysotile** Drywall = ND Composite = ND<0.1%
47	I	Drywall & Joint Compound	Room 24 - Mezzenine	Joint Compound = ND Drywall = ND
48	J	Yellow-Brown Carpet Mastic	Room 24 - Mezzenine	ND
49	J	Yellow-Brown Carpet Mastic	Room 24 - Mezzenine	ND

Notes:

HA = Homogeneous Area (see Table 1)

ND = Not Detected

Sample, room number and roof section locations are shown in Figures 3 & 4.



REFERENCE: 2007 RAND MCNALLY DIGITAL EDITION FOR LOS ANGELES/ORANGE COUNTY, STREET GUIDE AND DIRECTORY

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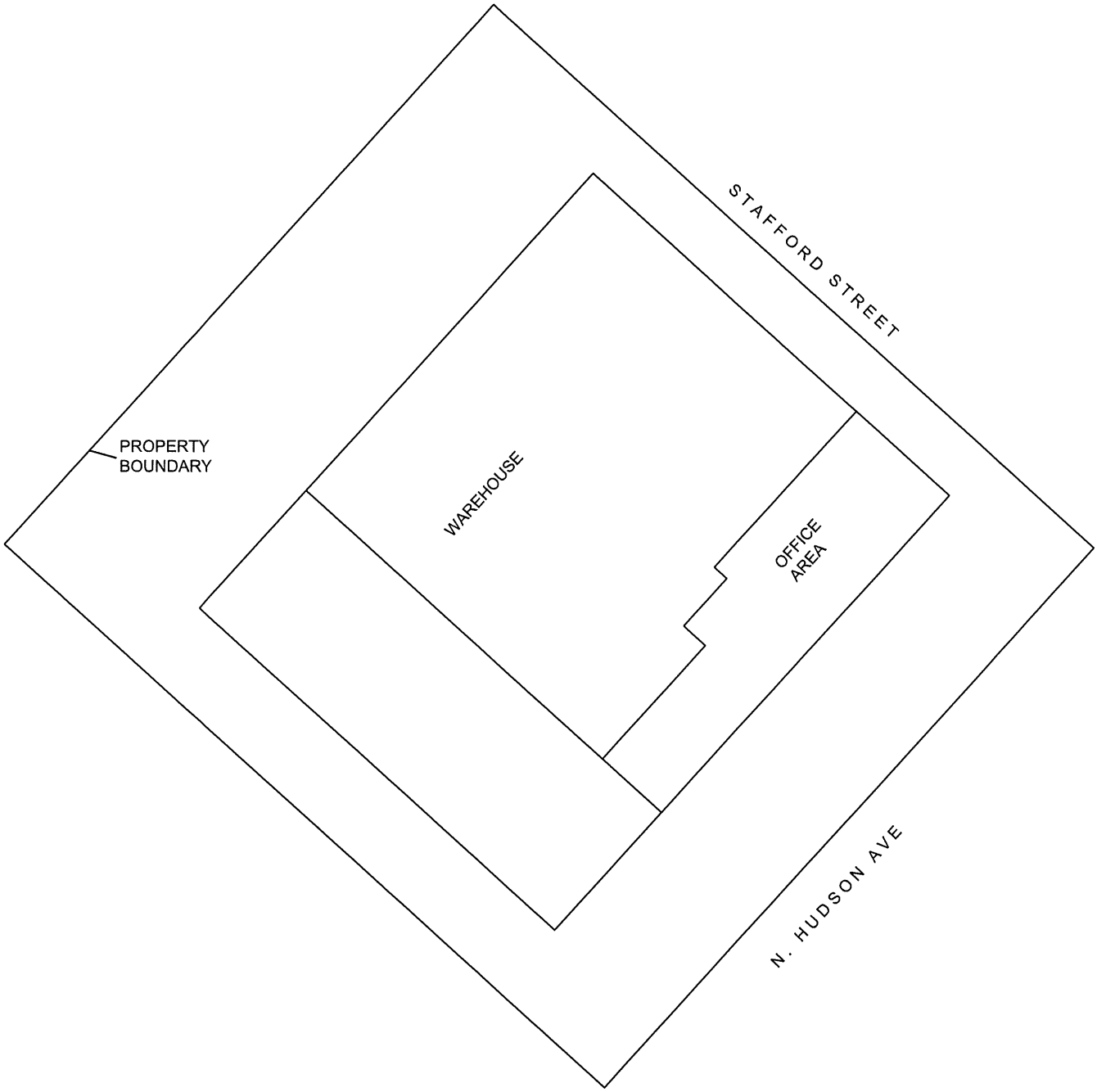
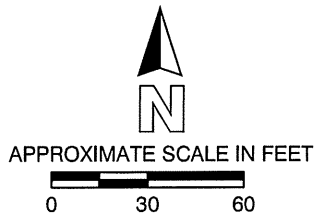
NOTE: ALL DIMENSIONS, DIRECTIONS, AND LOCATIONS ARE APPROXIMATE

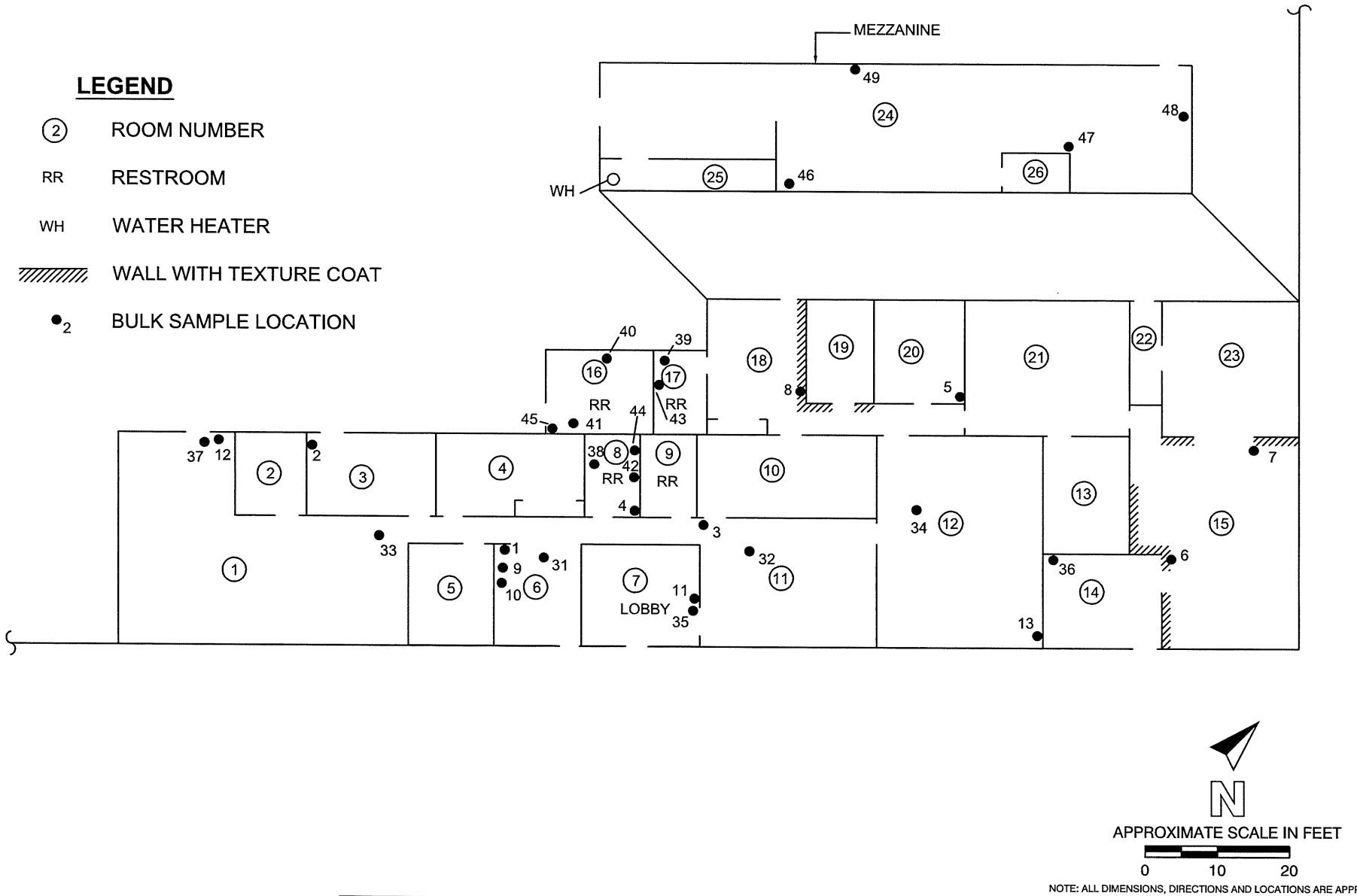
ARDENT ENVIRONMENTAL GROUP, INC.	PROJECT NO. 100148003	**SITE LOCATION MAP**	FIGURE
	DATE 8/10	111 NORTH HUDSON AVENUE CITY OF INDUSTRY, CALIFORNIA	**1**





NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

ARDENT ENVIRONMENTAL GROUP, INC.	PROJECT NO. 100148003	**SITE PLAN**	FIGURE
	DATE 8/10	111 NORTH HUDSON AVENUE CITY OF INDUSTRY, CALIFORNIA	**2**



NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

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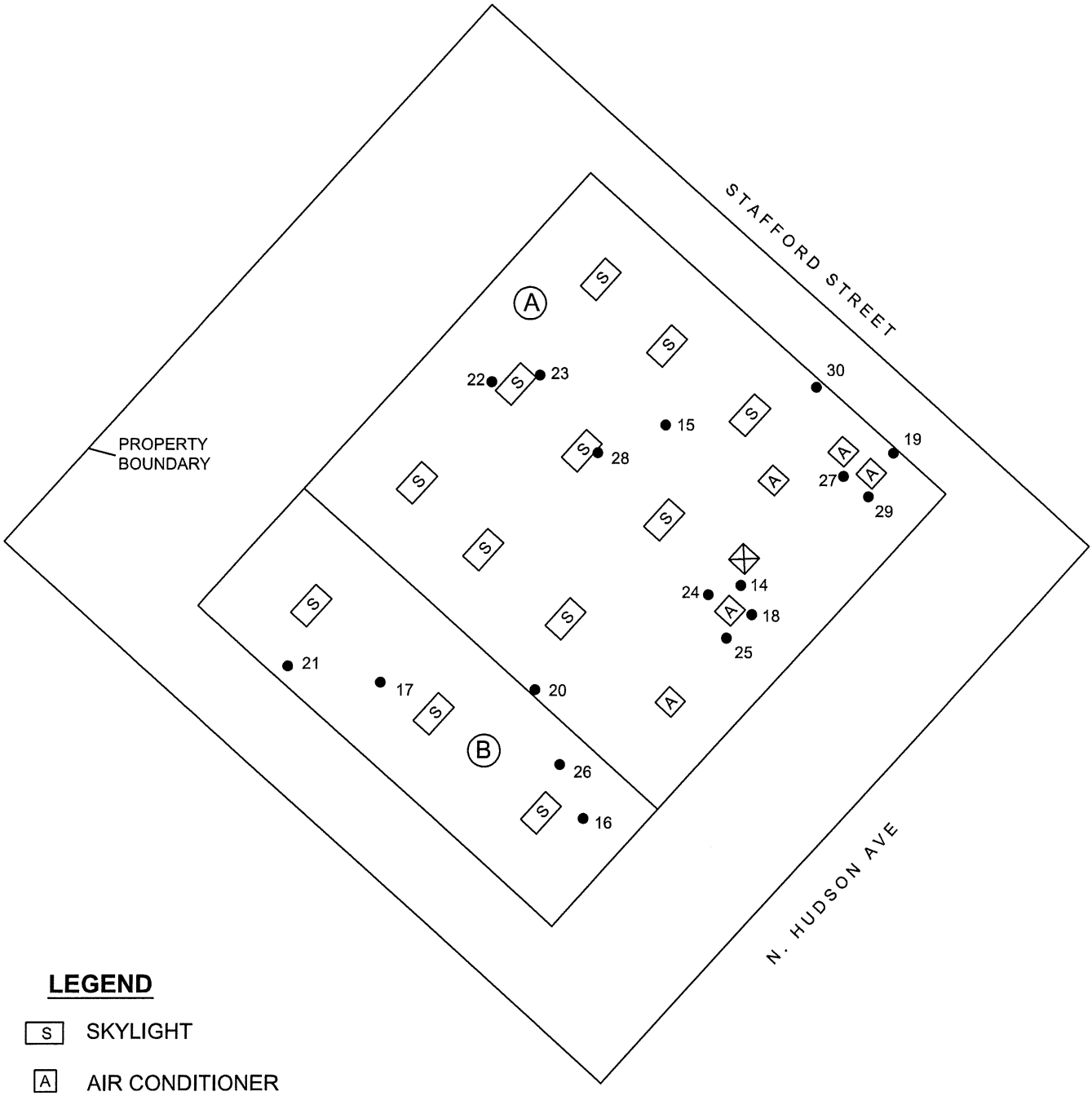
ARDENT ENVIRONMENTAL GROUP, INC.	PROJECT NO. 100148003	**BULK SAMPLE LOCATIONS - OFFICE AREA**	FIGURE
	DATE 8/10	111 NORTH HUDSON AVENUE CITY OF INDUSTRY, CALIFORNIA	3



LEGEND

- S — SKYLIGHT
- A — AIR CONDITIONER
- ROOF HATCH
- ●2 — BULK SAMPLE LOCATION
- (A) — ROOF SECTION

N

APPROXIMATE SCALE IN FEET

0 30 60

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

ARDENT ENVIRONMENTAL GROUP, INC.	PROJECT NO. 100148003	BULK SAMPLE LOCATIONS - ROOF	FIGURE
	DATE 8/10	111 NORTH HUDSON AVENUE CITY OF INDUSTRY, CALIFORNIA	4

APPENDIX A

LABORATORY REPORTS

EMLab P&K

Report for:

Mr. Craig Metheny
Ardent Environmental Group, Inc.
1141 Pomona Rd.
Ste E
Corona, CA 92882

Regarding: Project: 100148003; 111 N. Hudson
EML ID: 691792

Approved by:

Lab Manager
Dr. Kamashwaran Ramanathan

Dates of Analysis:
Asbestos-EPA Method 600/R-93/116: 08-20-2010

Service SOPs: Asbestos-EPA Method 600/R-93/116 (EPA-600/M4-82-020 (SOP 01264))

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. 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 corrections of results is not a standard practice. 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.

Document Number: 200091 - Revision Number: 5

EMLab P&K
1150 Bayhill Drive, Suite 100, San Bruno, CA 94066
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Ardent Environmental Group, Inc.
C/O: Mr. Craig Metheny
Re: 100148003; 111 N. Hudson

Date of Sampling: 08-13-2010
Date of Receipt: 08-17-2010
Date of Report: 08-20-2010

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Total Samples Submitted:	49
Total Samples Analysed:	49
Total Samples with Layer Asbestos Content > 1%:	0

Location: 1, Drywall/Joint compound

Lab ID-Version‡: 3067075-1

Sample Layers	Asbestos Content
White Drywall	ND
Beige Joint Compound with Paint	< 1% Chrysotile
White Non-Fibrous Material with Paint	ND
Composite Asbestos Fibrous Content:	< 1% Asbestos
Composite Non-Asbestos Fibrous Content:	5% Cellulose
Sample Composite Homogeneity:	Good

Comments: Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided does not follow the guidelines set forth by NVLAP. This analysis was performed by following the NESHAP guidelines.

Location: 2, Drywall/Joint compound

Lab ID-Version‡: 3067076-1

Sample Layers	Asbestos Content
White Drywall	ND
Beige Joint Compound with Paint	< 1% Chrysotile
Beige Non-Fibrous Material with Paint	< 1% Chrysotile
Tape	ND
Composite Asbestos Fibrous Content:	< 1% Asbestos
Composite Non-Asbestos Fibrous Content:	5% Cellulose
Sample Composite Homogeneity:	Good

Comments: Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided does not follow the guidelines set forth by NVLAP. This analysis was performed by following the NESHAP guidelines.

Location: 3, Drywall/Joint compound

Lab ID-Version‡: 3067077-1

Sample Layers	Asbestos Content
White Drywall	ND
White Non-Fibrous Material with Paint	ND
Composite Non-Asbestos Fibrous Content:	2% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Good

The results relate only to the items tested. Interpretation is left to the company and/or persons who conducted the field work. The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

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(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Ardent Environmental Group, Inc.
C/O: Mr. Craig Metheny
Re: 100148003; 111 N. Hudson

Date of Sampling: 08-13-2010
Date of Receipt: 08-17-2010
Date of Report: 08-20-2010

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 4, Drywall/Joint compound

Lab ID-Version‡: 3067078-1

Sample Layers	Asbestos Content
White Drywall	ND
Beige Joint Compound with Paint	< 1% Chrysotile
White Non-Fibrous Material with Paint	ND
Composite Asbestos Fibrous Content:	< 1% Asbestos
Composite Non-Asbestos Fibrous Content:	5% Cellulose
Sample Composite Homogeneity:	Good

Comments: Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided does not follow the guidelines set forth by NVLAP. This analysis was performed by following the NESHAP guidelines.

Location: 5, Drywall/Joint compound

Lab ID-Version‡: 3067079-1

Sample Layers	Asbestos Content
White Drywall	ND
Beige Joint Compound with Paint	< 1% Chrysotile
Composite Asbestos Fibrous Content:	< 1% Asbestos
Composite Non-Asbestos Fibrous Content:	3% Cellulose
Sample Composite Homogeneity:	Good

Comments: Composite content provided does not follow the guidelines set forth by NVLAP. This analysis was performed by following the NESHAP guidelines.

Location: 6, Drywall/Joint compound with texture

Lab ID-Version‡: 3067080-1

Sample Layers	Asbestos Content
White Drywall	ND
Beige Joint Compound with Paint	< 1% Chrysotile
White Non-Fibrous Material with Paint	ND
Composite Asbestos Fibrous Content:	< 1% Asbestos
Composite Non-Asbestos Fibrous Content:	5% Cellulose
Sample Composite Homogeneity:	Good

Comments: Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided does not follow the guidelines set forth by NVLAP. This analysis was performed by following the NESHAP guidelines.

Location: 7, Drywall/Joint compound with texture cont

Lab ID-Version‡: 3067081-1

Sample Layers	Asbestos Content
White Drywall	ND
White Joint Compound with Paint	ND
White Non-Fibrous Material with Paint	ND
Composite Non-Asbestos Fibrous Content:	3% Cellulose
Sample Composite Homogeneity:	Good

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Date of Report: 08-20-2010

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 8, Drywall/Joint compound with texture cont Lab ID-Version‡: 3067082-1

Sample Layers	Asbestos Content
White Drywall	ND
White Joint Compound with Paint	ND
Composite Non-Asbestos Fibrous Content:	3% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 9, Brown cove base mastic Lab ID-Version‡: 3067083-1

Sample Layers	Asbestos Content
Dark Brown Mastic	ND
Tan Mastic	ND
Black Baseboard	ND
Sample Composite Homogeneity:	Good

Location: 10, White cove base mastic Lab ID-Version‡: 3067084-1

Sample Layers	Asbestos Content
Beige Mastic	ND
Sample Composite Homogeneity:	Good

Location: 11, White cove base mastic Lab ID-Version‡: 3067085-1

Sample Layers	Asbestos Content
Tan Mastic	ND
Black Baseboard	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 12, White cove base mastic

Lab ID-Version‡: 3067086-1

Sample Layers	Asbestos Content
Tan Mastic	ND
Black Baseboard	ND
Sample Composite Homogeneity:	Good

Location: 13, Brown cove base mastic

Lab ID-Version‡: 3067087-1

Sample Layers	Asbestos Content
Dark Brown Mastic	ND
Black Baseboard	ND
Composite Non-Asbestos Fibrous Content:	< 1% Wollastonite
Sample Composite Homogeneity:	Good

Location: 14, Roof core

Lab ID-Version‡: 3067088-1

Sample Layers	Asbestos Content
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Shingle with Gray Stones	ND
Composite Non-Asbestos Fibrous Content:	45% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 15, Roof core

Lab ID-Version‡: 3067089-1

Sample Layers	Asbestos Content
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Shingle with Gray Stones	ND
Composite Non-Asbestos Fibrous Content:	45% Glass Fibers
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 16, Roof core

Lab ID-Version‡: 3067090-1

Sample Layers	Asbestos Content
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Shingle with Gray Stones	ND
Composite Non-Asbestos Fibrous Content:	45% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 17, Roof core

Lab ID-Version‡: 3067091-1

Sample Layers	Asbestos Content
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Shingle with Gray Stones	ND
Composite Non-Asbestos Fibrous Content:	45% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 18, Silver roof mastic

Lab ID-Version‡: 3067092-1

Sample Layers	Asbestos Content
Silver Mastic	ND
Sample Composite Homogeneity:	Good

Location: 19, Silver roof mastic

Lab ID-Version‡: 3067093-1

Sample Layers	Asbestos Content
Silver Mastic	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 20, Silver roof mastic

Lab ID-Version‡: 3067094-1

Sample Layers	Asbestos Content
Silver Mastic	ND
Sample Composite Homogeneity:	Good

Location: 21, Gray roof mastic

Lab ID-Version‡: 3067095-1

Sample Layers	Asbestos Content
Gray Roofing Mastic	ND
Composite Non-Asbestos Fibrous Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: 22, Silver roof mastic

Lab ID-Version‡: 3067096-1

Sample Layers	Asbestos Content
Silver Roofing Mastic	ND
Composite Non-Asbestos Fibrous Content:	20% Cellulose
Sample Composite Homogeneity:	Good

Location: 23, White roof mastic

Lab ID-Version‡: 3067097-1

Sample Layers	Asbestos Content
Black Roofing Mastic with White Coating	ND
Composite Non-Asbestos Fibrous Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: 24, White roof mastic

Lab ID-Version‡: 3067098-1

Sample Layers	Asbestos Content
Black Roofing Mastic with White Coating	ND
Composite Non-Asbestos Fibrous Content:	10% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 25, White roof mastic and membrane

Lab ID-Version‡: 3067099-1

Sample Layers	Asbestos Content
Black Roofing Felt with Stones	ND
White Coating	ND
Composite Non-Asbestos Fibrous Content:	45% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 26, White roof mastic and membrane

Lab ID-Version‡: 3067100-1

Sample Layers	Asbestos Content
Black Roofing Felt with Stones	ND
White Coating	ND
Composite Non-Asbestos Fibrous Content:	45% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 27, Light gray roof mastic

Lab ID-Version‡: 3067101-1

Sample Layers	Asbestos Content
Black Roofing Felt with Stones	ND
White Coating	ND
Composite Non-Asbestos Fibrous Content:	45% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 28, Light gray roof mastic

Lab ID-Version‡: 3067102-1

Sample Layers	Asbestos Content
Black Roofing Felt with Stones	ND
White Coating	ND
Composite Non-Asbestos Fibrous Content:	45% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 29, Gray roof mastic

Lab ID-Version‡: 3067103-1

Sample Layers	Asbestos Content
Gray Roofing Mastic	ND
Composite Non-Asbestos Fibrous Content:	10% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 30, Light gray roof mastic

Lab ID-Version‡: 3067104-1

Sample Layers	Asbestos Content
Gray Roofing Mastic	ND
Composite Non-Asbestos Fibrous Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: 31, Ceiling tile fissure pattern

Lab ID-Version‡: 3067105-1

Sample Layers	Asbestos Content
Beige Ceiling Tile with Paint	ND
Composite Non-Asbestos Fibrous Content:	85% Cellulose
Sample Composite Homogeneity:	Good

Location: 32, Ceiling tile fissure pattern

Lab ID-Version‡: 3067106-1

Sample Layers	Asbestos Content
Beige Ceiling Tile with Paint	ND
Composite Non-Asbestos Fibrous Content:	45% Cellulose 45% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 33, Ceiling tile random pattern

Lab ID-Version‡: 3067107-1

Sample Layers	Asbestos Content
Beige Ceiling Tile with Paint	ND
Composite Non-Asbestos Fibrous Content:	85% Cellulose
Sample Composite Homogeneity:	Good

Location: 34, Ceiling tile random pattern

Lab ID-Version‡: 3067108-1

Sample Layers	Asbestos Content
Beige Ceiling Tile with Paint	ND
Composite Non-Asbestos Fibrous Content:	85% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 35, Yellow carpet mastic Lab ID-Version‡: 3067109-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Composite Non-Asbestos Fibrous Content:	< 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 36, Yellow carpet mastic Lab ID-Version‡: 3067110-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Composite Non-Asbestos Fibrous Content:	< 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 37, Yellow carpet mastic Lab ID-Version‡: 3067111-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Composite Non-Asbestos Fibrous Content:	< 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 38, Gray and white sheet vinyl flooring and brown mastic Lab ID-Version‡: 3067112-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Gray Leveling Compound	ND
Gray Sheet Flooring with Backing	ND
Composite Non-Asbestos Fibrous Content:	25% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 39, Gray and white sheet vinyl flooring and brown mastic Lab ID-Version‡: 3067113-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Gray Leveling Compound	ND
Gray Sheet Flooring with Backing	ND
Composite Non-Asbestos Fibrous Content:	25% Synthetic Fibers
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 40, Gray 12x12 floor tile with gray mastic Lab ID-Version‡: 3067114-1

Sample Layers	Asbestos Content
Gray Leveling Compound	ND
Yellow Mastic	ND
Gray Floor Tile	ND
Sample Composite Homogeneity:	Good

Location: 41, Gray 12x12 floor tile with yellow mastic Lab ID-Version‡: 3067115-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Gray Floor Tile	ND
Sample Composite Homogeneity:	Good

Location: 42, White mirror mastic Lab ID-Version‡: 3067116-1

Sample Layers	Asbestos Content
White Mastic	ND
Sample Composite Homogeneity:	Good

Location: 43, White mirror mastic Lab ID-Version‡: 3067117-1

Sample Layers	Asbestos Content
White Mastic	ND
Sample Composite Homogeneity:	Good

Location: 44, Yellow brown wainscot mastic Lab ID-Version‡: 3067118-1

Sample Layers	Asbestos Content
Tan Mastic	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 45, Yellow brown wainscot mastic Lab ID-Version‡: 3067119-1

Sample Layers	Asbestos Content
Tan Mastic	ND
Sample Composite Homogeneity:	Good

Location: 46, Drywall/Joint compound Lab ID-Version‡: 3067120-1

Sample Layers	Asbestos Content
White Drywall	ND
Beige Joint Compound with Paint	< 1% Chrysotile
Composite Asbestos Fibrous Content:	< 1% Asbestos
Composite Non-Asbestos Fibrous Content:	2% Cellulose
Sample Composite Homogeneity:	Good

Comments: Composite content provided does not follow the guidelines set forth by NVLAP. This analysis was performed by following the NESHAP guidelines.

Location: 47, Drywall/Joint compound Lab ID-Version‡: 3067121-1

Sample Layers	Asbestos Content
White Drywall	ND
White Joint Compound with Paint	ND
Composite Non-Asbestos Fibrous Content:	2% Cellulose
Sample Composite Homogeneity:	Good

Location: 48, Yellow brown carpet mastic Lab ID-Version‡: 3067122-1

Sample Layers	Asbestos Content
Tan Mastic	ND
Sample Composite Homogeneity:	Good

Location: 49, Yellow brown carpet mastic Lab ID-Version‡: 3067123-1

Sample Layers	Asbestos Content
Tan Mastic	ND
Sample Composite Homogeneity:	Good

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San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 * (866) 888-6653

WEATHER	Fog	Rain	Snow	Wind	Clear
None					
Light					
Moderate					
Heavy					

Non-C[redacted]e

Spore) 00691792
Trap

, SAS, Swab,
, Contact Plate

Other Requests

CONTACT INFORMATION

Company: Ardent Environmental Group
Address:
Contact: Craig Metheny
Special Instructions:
Phone:

PROJECT INFORMATION

Project ID: 100148003
Project Desc.: 111 N. Hudson
Project Zip Code:
Sampling Date & Time: 8/13
PO Number:

TURNAROUND TIME CODES (TAT)

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

[redacted]

Sample ID	Description	Sample TYPE (Below)	TAT (Above)	Total Volume/Area (as applicable)	Unit (Liter, Sq. Ft., etc.)	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 and Counts (Culturable Air and Surface Bacteria)	Legionella culture	Total Coliform, E.coli (Presence/Absence)	Membrane Filtration (Please specify organism)	MPN Bacteria (Please specify organism)	QuantiTray - Sewage Screen	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PLM (EPA method 600/R-93-116)	PCR (please specify test)	
1	Drywall / Joint Compound	B	STD																		X		
2	Drywall / Joint Compound																				X		
3	Drywall / Joint Compound																				X		
4	Drywall / Joint Compound																				X		
5	Drywall / Joint Compound																				X		
6	Drywall / Joint Compound w/ Texture																				X		
7	Drywall / Joint Compound w/ Texture Coat																				X		
8	Drywall / Joint Compound w/ Texture Coat																				X		
9	Brown cove base mastic																				X		
10	white cove base mastic																				X		
11	white cove base mastic																				X		
12	white cove base mastic																				X		

SAMPLE TYPE CODES

BC - BioCassette	ST - Spore Trap: Zefon, Allergenco, Burkard...	T - Tape	D - Dust
A15 - Andersen		SW - Swab	SO - Soil
SAS - Surface Air Sampler	P - Potable Water	B - Bulk	
CP - Contact Plate	NP - Non-Potable Water	O - Other:	

RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
C. Metheny	8/16/10 1:00		8/7/10
			9:30

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San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 * (866) 888-6653

WEATHER	Fog	Rain	Snow	Wind	Clear
None					
Light					
Moderate					
Heavy					

REQUE

Non-Culturable

Spore Trap | Tape Swab Bulk | BioCe | Water, | ther Requests

00691792

CONTACT INFORMATION

Company: Ardent Environmental Group

Contact: Craig Mr. Theny

Phone:

Address:

Special Instructions:

PROJECT INFORMATION

Project ID: 100148 003

Project Desc.:

Project Zip Code:

Sampling Date & Time: 8/13

PO Number:

TURNAROUND TIME CODES

STD - Standard (DEFAULT)

ND - Next Business Day

SD - Same Business Day Rush

WH - Weekend/Holiday

[illegible] Samples received after 2:00 pm will be considered received the next business day. Results [illegible] next business day [illegible]

Sample ID	Description	Sample Type (See Codes)	TAT (Hours)	Total Volume/Area (Sample Lab)	Comments/Notes (Volume of Water, Bulk Type)	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 and Counts (Culturable Air and Surface Bacteria)	*Legionella* culture	Total Coliform, *E.coli* (Presence/Absence)	Membrane Filtration (Please specify organism)	MPN Bacteria (Please specify organism)	QuantiTray - Sewage Screen	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PLM (EPA method 600/R-93-116)	PCR (please specify test)
13	Brown cove base mastic	B	STD																		X	
14	Roof core																				X	
15	Roof core																				X	
16	Roof core																				X	
17	Roof core																				X	
18	Silver roof mastic																				X	
19	Silver roof mastic																				X	
20	Silver roof mastic																				X	
21	Gray roof mastic																				X	
22	Silver roof mastic																				X	
23	White roof mastic																				X	
24	White roof mastic																				X	

SAMPLE TYPE CODES

BC - BioCassette™	ST - Spore Trap: Zefon, Allergenco, Burkard...	T - Tape	D - Dust
A1S - Andersen		SW - Sweb	SO - Soil
SAS - Surface Air Sampler	P - Potable Water	B - Bulk	
CP - Contact Plate	NP - Non-Potable Water	O - Other:	

RELINQUISHED BY:	DATE & TIME:
C. Mathey	8/16/10 1:00

RECEIVED BY:	DATE & TIME:
	081770
	9:30

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San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 * (866) 888-6653

WEATHER	Fog	Rain	Snow	Wind	Clear
None					
Light					
Moderate					
Heavy					

REQUESTED SERVICES

Non-Culturable | Cul

Spore Trap | Tape Swab Bulk | BioCassette™ Air | Water, Bulk, Dus

100691792

CONTACT INFORMATION

Company: Ardent Environmental

Contact: Craig Metheny

Phone:

Address:

Special Instructions:

PROJECT INFORMATION

Project ID: 100148003

Project Desc.:

Project Zip Code:

Sampling Date & Time: 8/13/10

PO Number:

TURNAROUND TIME CODE (TAT)

STD - Standard (DEFAULT)

ND - Next Business Day

SD - Same Business Day Rush

WH - Weekend/Holiday

[illegible] weekends will be [illegible] Please contact the lab [illegible] weekend analysis [illegible]

Sample ID	Description	Sample Time (Hour)	TAT (Hours)	Total Volume/Area (if applicable)	NOTES: Time brought to lab	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 and Counts (Culturable Air and Surface Bacteria)	*Legionella* culture	Total Coliform, *E.coli* (Presence/Absence)	Membrane Filtration (Please specify organism)	MPN Bacteria (Please specify organism)	QuantiTray - Sewage Screen	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PLM (EPA method 600/R-93-116)	PCR (please specify test)
25	White roof mastic & membrane	B	STD																			
26	White roof mastic & membrane																					
27	Light gray roof mastic																					
28	Light gray roof mastic																					
29	Gray roof mastic																					
30	Light gray roof mastic																					
31	ceiling tile fissure pattern																					
32	ceiling tile fissure pattern																					
33	ceiling tile random pattern																					
34	ceiling tile random pattern.																					
35	Yellow carpet mastic																					
36	Yellow carpet mastic																					

SAMPLE TYPE CODE

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

RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
C. Metheny	8/16/10 1:00		
			081710
			9:30

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San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 * (866) 888-6653

WEATHER	Fog	Rain	Snow	Wind	Clear
None					
Light					
Moderate					
Heavy					

REQUESTED TESTS

Non-Culturable		Cultura
Spore Trap	Tape Swab Bulk	BioCassette™ Anders Water, Bulk, Dust, So

100691792

CONTACT INFORMATION

Company: Ardent Environmental
Contact: Craig Metheny
Phone:
Address:
Special Instructions:

PROJECT INFORMATION

Project ID: 100148003
Project Desc.:
Project Zip Code:
Sampling Date & Time: 8/13/10
PO Number:

TURN AROUND TIME CODES (TAT)

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

Rush requests must be approved by EMLab P&K prior to sample receipt. Rush requests will be considered pending laboratory capacity. Please contact laboratory for weekend analysis needs.

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (If applicable)	NOTES (Time, Temp, etc.)	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 and Counts (Culturable Air and Surface Bacteria)	Legionella culture	Total Coliform, E.coli (Presence/Absence)	Membrane Filtration (Please specify organism)	MPN Bacteria (Please specify organism)	QuantiTray - Sewage Screen	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PLM (EPA method 600/R-93-116)	PCR (please specify test)
37	Yellow carpet mastic	B	STD																			
38	Gray & white sheet vinyl flooring																					
39	" & brown mastic																					
40	Gray 12x12 floor tile w/ Gray mastic																					
41	Gray 12x12 floor tile w/ yellow mastic																					
42	White mirror mastic																					
43	White mirror mastic																					
44	Yellow-Brown wainscot mastic																					
45	Yellow - Brown wainscot mastic																					
46	Drywall / Joint Compound																					
47	Drywall / Joint compound																					
48	Yellow-Brown carpet mastic																					

SAMPLE TYPE CODES

BC - BioCassette™	ST - Spore Trap: Zefon, Allergenco, Burkard...	T - Tape	D - Dust
A1S - Andersen		SW - Swab	SO - Soil
SAS - Surface Air Sampler	P - Potable Water	B - Bulk	
CP - Contact Plate	NP - Non-Potable Water	O - Other:	

RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
C. Metheny	8/16/10 1:00		08/17/10 9:30

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San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 * **(866) 888-6653**

WEATHER	Fog	Rain	Snow	Wind	Clear
None					
Light					
Moderate					
Heavy					

CONTACT INFORMATION

Company: Ardent Environmental

Contact: Craig Methney

Phone:

Address:

Special Instructions:

PROJECT INFORMATION

Project ID: 100 148 003

Project Desc.:

Project Zip Code:

Sampling Date & Time: 8/13/10

PO Number:

TURNAROUND TIME CODES (TAT)

STD - Standard (DEFAULT)

ND - Next Business Day

SD - Same Business Day Rush

WH - Weekend/Holiday

Samples received after 2:00 pm will be considered received the next business day. Please plan accordingly.

REQUESTED SERVICES

Non-Culturable: Spore Trap; Tape Swab Bulk

Cultural: BioCassette™ Anders Water, Bulk, Dust, Sn

100691792

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume (Air if applicable)	Notes (Time of day, temp)	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 and Counts (Culturable Air and Surface Bacteria)	Legionella culture	Total Coliform, E.coli (Presence/Absence)	Membrane Filtration (Please specify organism)	MPN Bacteria (Please specify organism)	QuantiTray - Sewage Screen	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PLM (EPA method 600/R-93-116)	PCR (please specify test)
49	Yellow-Brown carpet mastic	B	STD																		X	

SAMPLE TYPE CODES

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

RELINQUISHED BY	DATE & TIME
C. Methney	8/14/10 1:00

RECEIVED BY	DATE & TIME
	08/17/10
	9:30

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APPENDIX B

CERTIFICATIONS

State of California
Division of Occupational Safety and Health

Certified Asbestos Consultant

Craig A Metheny
Name

Certification No. **08-4421**

Expires on **09/18/10**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200757-0

EMLab P&K

Westminster, CA

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2010-01-01 through 2010-12-31

Effective dates

Sally S. Bruce

For the National Institute of Standards and Technology

National Voluntary
Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMLab P&K
Avalon Center
5555 Garden Grove Blvd. Ste 275
Westminster, CA 92683
Mr. Michael J Madry
Phone: 623-298-1015 Fax: 623-445-6217
E-Mail: mmadry@emlabpk.com
URL: www.emlabpk.com

BULK ASBESTOS FIBER ANALYSIS (PLM) **NVLAP LAB CODE 200757-0**

NVLAP Code	*Designation / Description*
18/A01	EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2010-01-01 through 2010-12-31
Effective dates

Sally S. Bruce
For the National Institute of Standards and Technology

APPENDIX C

ELECTRONIC COPY OF REPORT