



CUY-90-14.90

PID 77332/85531


APPENDIX EC-26

**Regulated Materials Investigation for
PPN 004-25-012, 122-19-008 & 012, and 122-20-012
(Contract Document)**

State of Ohio
Department of Transportation
Jolene M. Molitoris, Director

**Innerbelt Bridge
Construction Contract Group 1 (CCG1)**

Revision Date: June 21, 2010

 - Addendum No. 6 - New Appendix

FINDINGS FROM A REGULATED MATERIALS INVESTIGATION

***Stripmatic Products, Inc. & TIG Welding (Parcel 700)
River Dock Inc. (Parcel 619) and
Allied Corporation, Inc. (Parcel 621)
Cleveland, Cuyahoga County, Ohio
CUY – Cleveland Innerbelt [PID 77332]***

June 21, 2010

Prepared for:

Ohio Department of Transportation
District 12
5500 Transportation Boulevard
Garfield Heights, OH 44125

Prepared by:



HZW ENVIRONMENTAL
CONSULTANT, LLC

**6105 Heisley Road ♦ Mentor, Ohio 44060
440-357-1260 ♦ Fax 440-357-1510**

H10002-14



HZW ENVIRONMENTAL
CONSULTANTS LLC

June 21, 2010

Mr. Mark Carpenter
ODOT District 12
5500 Transportation Boulevard
Garfield Heights, Ohio 44125

Subject: Report of Findings of a Regulated Materials Investigation Conducted at the Stripmatic Products, Inc., TIG Welding, River Dock and Allied Buildings Located in Cleveland, Cuyahoga County, Ohio (H10002-14)

Dear Mr. Carpenter:

HZW Environmental Consultants, LLC (HzW) is pleased to submit this letter report which presents the findings of a Regulated Materials Investigation conducted at four (4) properties located in Cleveland, Cuyahoga County, Ohio. The properties and associated buildings surveyed as part of this Regulated Materials Investigation consisted of the following:

- Stripmatic Products, Inc. located at 1501 Abbey Avenue. The building consists of the original shop which was constructed in 1940; a small shop addition added in 1963; a two- (2-) story office addition added in 1998 and a warehouse addition added in 1999. A detached one- (1-) story storage/garage building is located at the rear of the property.
- TIG Welding located at 2150 West 15th Street. The main building consists of a one- (1-) and two- (2-) story section with a detached building located adjacent to the main building.
- River Dock, Inc. located on Harrison Street. The property consists of three (3) buildings: a scale house, electrical house and a utility building.
- Allied Corporation, Inc. located on Harrison Street. The building consists of a one- (1-) story building.

The four (4) properties are herein collectively referred to as the "subject properties". Individually, the properties are herein referred to as "Stripmatic Products, Inc.", "TIG Welding", "River Dock, Inc.", and "Allied Corporation Inc.", respectively. The Regulated Materials Investigation consisted of conducting an asbestos survey to identify building materials that contain asbestos and conducting a hazardous materials survey to identify building materials that contain regulated hazardous materials prior to any of the buildings being manually demolished. In addition, the Regulated Materials Investigation consisted of documenting the presence of any aboveground and underground storage tanks not previously identified at the subject properties prior to any of their associated buildings being manually demolished.

METHODS OF INVESTIGATION

URS Phase II ESA Review & Visual Inspection for ASTs/USTs

As part of the Regulated Materials Investigation, HzW requested from ODOT a copy of any Phase II Environmental Site Assessments (ESAs) conducted at the subject properties for review. It was indicated to HzW that only the TIG Welding property had a Phase II ESA completed, which was performed by URS. In addition to reviewing the Phase II ESA, HzW also performed a visual inspection at the subject properties to identify any aboveground and/or underground storage tanks (ASTs/USTs). For the TIG Welding property, only those ASTs or USTs not previously identified in the Phase II ESA were documented. Any such findings were documented by HzW as part of our Regulated Materials Investigation.

Asbestos Survey

During June 2010, representatives of HzW certified as Asbestos Hazard Emergency Response Act (AHERA) building inspectors and as Asbestos Hazard Evaluation Specialists (AHES), performed the asbestos survey. These certifications are required to be maintained by the inspector in accordance with the Asbestos School Hazard Abatement Reauthorization Act (ASHARA) and Ohio Department of Health (ODH) regulations.

The asbestos survey was conducted in accordance with the National Emissions Standard for Hazardous Air Pollutants (NESHAP). NESHAP regulations require no specific survey protocol be followed; however, AHERA protocol is recommended. Therefore, the asbestos survey at the subject building was conducted in accordance with AHERA protocol, which initially requires that all homogeneous areas of building materials located in a building and suspected of containing asbestos be identified. A homogeneous area is a building material/area that is uniform in texture, color, date of application, use or system and appears identical in every other respect. Once all homogeneous areas are identified, functional spaces in which these homogeneous areas exist are subsequently identified. Within each functional space, the AHERA category, condition, quantity, and location of each suspect material is determined.

AHERA classifies friable building materials into the following three (3) categories: surfacing materials, thermal system insulation (TSI) and miscellaneous materials. A friable building material is defined as a material that can be crumbled, pulverized, or reduced to powder by hand pressure. It should be noted that nonfriable building materials are often included by building inspectors under the miscellaneous materials category. Examples of surfacing materials include fireproofing and acoustical plaster. TSI can include, but is not limited to, the following: pipe lagging, pipe wrap, block insulation, batt insulation and mudded fitting insulation. Miscellaneous materials can include, but are not limited, to the following: ceiling tile, drywall and joint compound, floor tile and mastic, roofing materials and transite.

In determining the condition of the material the following guidelines are used.

| General Damage Category | AHERA Damage Category | Criteria |
|-------------------------|-----------------------|--|
| Good | No Damage | No Damage |
| Fair | Damage | Up to 10% overall damage Up to 25% localized damage |
| Poor | Significant Damage | Over 10% overall damage Over 25% localized damage |

The bulk sampling protocol is based on the AHERA category assigned to a specific homogeneous area and the quantity of that homogeneous area identified. For **surfacing materials** if the size of the homogeneous sampling area is less than 1,000 square feet (ft²) then a minimum of three (3) samples are collected. If the size of the homogeneous sampling area is between 1,000 and 5,000 ft² then a minimum of five (5) samples are collected. If the size of the homogeneous sampling area is greater than 5,000 ft² then a minimum of seven (7) samples are collected. For **TSI**, at least three (3) samples are collected from each homogeneous area with the following exceptions:

- One (1) sample will only be collected from a small section (less than six linear or square feet) of patched insulation,
- The number of samples taken from each area of insulating cement (mudded fittings such as fittings, tees, and valves) will be determined by the inspector. The current rule of thumb is generally accepted as three (3) samples, and
- Fibrous glass, foam glass, rubber and styrofoam are not considered suspect materials, unless they potentially cover up an asbestos containing material.

Miscellaneous and nonfriable materials are sampled in a manner sufficient as determined by the inspector. However, the recommended number of samples for these categories of materials is two (2).

Any bulk samples collected were submitted to International Asbestos Testing Laboratories (IATL) of Mt. Laurel, New Jersey, for analysis of asbestos content by polarized light microscopy (PLM) using the Environmental Protection Agency (EPA) Method 600/R-93/116. In accordance with the United States EPA National Emissions Standard for Hazardous Air Pollutants (NESHAP), ACMs identified by PLM as containing less than 10 percent asbestos were subsequently analyzed by point count methodology.

Hazardous Materials

During June 2010, representatives of HzW performed a walkthrough of the subject properties to identify and quantify any hazardous materials. In addition, those materials not classified under law as hazardous but should, under sound risk management practice, be noted, were also identified and quantified.

Fluorescent light ballasts suspected of containing PCB oils were identified and subsequently documented. These oils were not tested; therefore, they were assumed to contain PCBs. All fluorescent light ballasts that could be visually observed were quantified and documented.

Fluorescent light bulbs including high intensity discharge (HID) lamps and batteries suspected of containing regulated metals (i.e., mercury), and any additional suspect mercury-containing equipment was also visually identified, quantified and documented throughout the subject properties. No testing of these materials was performed; therefore, they were assumed to contain regulated metals.

Refrigerants suspected of containing Freon (i.e., air conditioners, refrigerators, drinking fountains, etc.) were visually identified, quantified and documented throughout the subject building.

Containers of miscellaneous chemicals (such as paints, oils, etc.) identified throughout the properties were quantified and documented.

FINDINGS

A photographic log depicting various views of the subject properties has been compiled by HzW and is included as **Attachment 1**.

URS Phase II ESA Review & Visual Inspection for ASTs/USTs

The URS Phase II ESA indicated that "The results of [the geophysical] survey do not support the presence of a steel UST" at the TIG Welding property. URS collected soil samples from the TIG Welding property as part of Phase II ESA activities. In addition, URS attempted to collect groundwater samples; however, groundwater was not encountered in the monitoring well installed as part of Phase II ESA activities. According to the URS Phase II ESA, in locations where soil samples were collected, soil analytical results did not exceed Ohio EPA's Voluntary Action Program (VAP) Generic Direct Contact Soil Standards for commercial/industrial land use or construction/excavation activities or the State of Ohio Bureau of Underground Storage Tank Regulations (BUSTR) Closure Action Levels.

Based on the findings of the visual inspection conducted in June 2010, HzW identified no ASTs or any evidence indicative of USTs at the subject properties.

Asbestos Survey

HzW completed an Asbestos Bulk Sampling Information form for each of the subject properties documenting the bulk sampling locations, each sample's characterization (homogeneous area and functional space), its AHERA category, the quantity and condition, and its asbestos content. The completed Asbestos Bulk Sampling Information form for each of the subject properties is included as **Attachment 2**. A copy of the laboratory analytical reports from IATL for the bulk samples collected at each of the subject properties is included as **Attachment 3**.

Based on the findings of the laboratory analytical report for the subject properties and HzW's visual inspection, the following asbestos-containing materials and assumed asbestos-containing materials were identified:

Stripmatic Products, Inc.

Two-Story Office Building, Shop Conference & Training Room

1. Built-up roof decking and tarred roof flashing associated with the roof were **assumed** to contain asbestos. Approximately 3,200 square feet of roof decking and 472 square feet of tarred roof flashing were identified and considered to be in good condition.

Maintenance Department

1. Approximately 160 square feet of drywall system located in the ceiling of the second floor file storage room was identified as containing from 2.3 to 3.6 percent asbestos in the joint compound and no asbestos in the drywall. The drywall system was considered to be in good condition.
2. Approximately 160 square feet of 9-inch by 9-inch tan with brown streaks floor tile was identified as containing from 5.5 to 6.1 percent asbestos. The associated mastic layer was identified as containing no asbestos. The floor tile was considered to be in good condition.
3. Built-up roof decking and tarred roof flashing associated with the roof were **assumed** to contain asbestos. Approximately 1,350 square feet of roof decking and 300 square feet of tarred roof flashing were identified and considered to be in good condition.

Small Press Area

1. Built-up roof decking and tarred roof flashing associated with the roof were **assumed** to contain asbestos. Approximately 4,560 square feet of roof decking and 632 square feet of tarred roof flashing were identified and considered to be in good condition.

Cold Roll Area

1. Built-up roof decking and tarred roof flashing associated with the roof were **assumed** to contain asbestos. Approximately 4,000 square feet of roof decking and 628 square feet of tarred roof flashing were identified and considered to be in good condition.

Main Press Room Area

1. Approximately 20 square feet (5 Windows) of window glazing was identified as containing from 1.2 to 1.4 percent asbestos. The glazing was considered to be in fair to damaged (i.e., poor) condition.
2. Built-up roof decking and tarred roof flashing associated with the roof were **assumed** to contain asbestos. Approximately 5,850 square feet of roof decking and 700 square feet of tarred roof flashing were identified and considered to be in good condition.

Storage Area

1. Built-up roof decking and tarred roof flashing associated with the roof were **assumed** to contain asbestos. Approximately 2,500 square feet of roof decking and 400 square feet of tarred roof flashing were identified and considered to be in good condition.

Tool Room

1. Approximately 20 square feet (8 Windows) of window glazing was identified as containing from a trace to 1.1 percent asbestos. The glazing was considered to be in fair to damaged (i.e., poor) condition.
2. Built-up roof decking and tarred roof flashing associated with the roof were **assumed** to contain asbestos. Approximately 2,750 square feet of roof decking and 420 square feet of tarred roof flashing were identified and considered to be in good condition.

Shipping & Receiving

1. Built-up roof decking and tarred roof flashing associated with the roof were **assumed** to contain asbestos. Approximately 6,111 square feet of roof decking and 800 square feet of tarred roof flashing were identified and considered to be in good condition.

Detached Building

1. Approximately 8 square feet (10 Windows) of window glazing located on the back and side windows was identified as containing from 1.2 to 1.6 percent asbestos. The glazing was considered to be in fair to damaged (i.e., poor) condition.
2. A transite panel located in the office was **assumed** to contain asbestos. Approximately 2 square feet of the transite panel was identified. The panel was considered to be in good condition.
3. White insulation paper located on a roof vent was **assumed** to contain asbestos. Approximately 10 square feet of the white insulation paper was identified. The insulation paper was considered to be in good condition.
4. Built-up roof decking and tarred roof flashing associated with the roof were **assumed** to contain asbestos. Approximately 2,500 square feet of roof decking and 400 square feet of tarred roof flashing were identified and considered to be in good condition.

TIG Welding

Main Building

1. Approximately 100 square feet of ceiling plaster on metal lathe was identified as containing from 1.2 to 1.3 percent asbestos. The ceiling plaster was considered to be in good condition.
2. Approximately 120 square feet of wall plaster on metal lathe was identified as containing from 1.4 to 1.6 percent asbestos. The wall plaster was considered to be in good condition.
3. Approximately 200 square feet of ceiling plaster on wood lathe was identified as containing from 1.5 to 1.8 percent asbestos. The ceiling plaster was considered to be in good condition.
4. Approximately 960 square feet of wall plaster on wood lathe and brick was identified as containing from 1.6 to 2.1 percent asbestos. The wall plaster was considered to be in good condition.
5. Built-up roof decking and tarred roof flashing associated with the roof were **assumed** to contain asbestos. Approximately 9,000 square feet of roof decking and 1,250 square feet of tarred roof flashing were identified and considered to be in good condition.

River Dock

1. Built-up roof decking and tarred roof flashing associated with the roof were **assumed** to contain asbestos. Approximately 240 square feet of roof decking and 204 square feet of tarred roof flashing were identified and considered to be in good condition.

Allied Corporation

1. Built-up roof decking and tarred roof flashing associated with the roof were **assumed** to contain asbestos. Approximately 480 square feet of roof decking and 184 square feet of tarred roof flashing were identified and considered to be in good condition.

It should be noted that the following building materials located at the subject properties were identified as containing less than one (1) percent asbestos:

Stripmatic Products, Inc.

- Window glazing located in the Maintenance Department and Small Press Area.

TIG Welding

- Window glazing located in the Main Building
- Roofing materials located on small detached shop building and detached storage building.

In addition, it should be noted that demolition of the ceilings and walls of the buildings located on the subject properties may reveal additional suspect asbestos-containing materials.

Hazardous Materials Survey

The findings from the hazardous materials survey for the buildings located on the subject properties are outlined in the table, below.

| Property | PCBs Containing Equipment: 1) Fluorescent light ballasts 2) Transformers | Heavy Metal Containing Equipment: 1) Fluorescent light lamps (mercury-containing) 2) High Intensity Discharge Lamps 3) Thermostats (mercury-containing) 4) Batteries in Emergency Lighting/Signs | Freon Containing Equipment: 1) Drinking Fountain 2) Coolers or Refrigerators, Air Conditioners | Any other Hazardous or Regulated Material: 1) Fire Extinguishers 2) Misc. Chemicals/ Materials |
|----------------------------------|---|---|---|---|
| Stripmatic Products, Inc. | 1) 216 2) 2 | 1) 372 2) 82 3) 7 4) 24 | 1) 3 2) 5 | 1) 24 2) Cleaning Chemicals; compressed gas – Argon; various process chemicals; compressed gas – Nitrogen; Drums of unknown materials, hydraulic oil, Omega Draw 918 and used tires located outside building |
| TIG Welding | 1) 59 | 1) 112 | 2) 1 | |
| River Dock | 1) 6 | 1) 12 | | |
| Allied Corporation | 1) 10 | 1) 20 | 2) 2 | 1) 1 |

DISCUSSION

Asbestos Survey

The Occupational Safety and Health Administration's (OSHA's) Asbestos Standard for the Construction Industry (29 CFR 1926.1101) **regulates** all renovation and demolition work involving building materials which contain any amount of asbestos. The amount of asbestos identified in a building material would determine which applicable sections of OSHA's Asbestos Standard must be implemented. Building owners and/or contractors who perform renovation and/or demolition activities which disturb building materials identified as containing less than or equal to one (1) percent asbestos are only required to be in compliance with paragraphs (g)(1), (g)(2) and (g)(3) of the Standard. These paragraphs describe the required engineering and work practice controls that must be implemented when building materials containing less than one (1) percent asbestos are disturbed. A brief description of these paragraphs is included in **Attachment 4**. Building owners and/or contractors who perform renovation and/or demolition activities which disturb building materials identified as containing greater than one (1) percent asbestos, are required to be in compliance with all applicable sections of the Standard.

Unlike OSHA, the EPA under NESHAP regulates all renovation and demolition work involving building materials identified as containing greater than one (1) percent asbestos. Unlike OSHA, NESHAP regulates which ACMs must be removed prior to renovation and demolition activities being performed. The EPA defines three (3) classifications of building materials: regulated ACM (RACM), Category I Nonfriable ACM and Category II Nonfriable ACM. A regulated ACM is defined as 1) a friable asbestos material, 2) a Category I Nonfriable ACM that has become friable, 3) a Category I Nonfriable ACM that will be or has been subjected to sanding, grinding, cutting or abrading, or 4) a Category II Nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of the demolition or renovation activities. A Category I Nonfriable ACM is defined as asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1 percent asbestos as determined using Polarized Light Microscopy (PLM) analysis. A Category II nonfriable ACM is defined as any material, excluding Category I nonfriable ACMs, containing more than 1 percent asbestos as determined using PLM analysis. All RACMs are **regulated** by NESHAP as long as their quantities meet or exceed 160 square feet or 260 linear feet.

Since the most stringent regulation typically takes precedent, HzW's recommendations outlined below are presented in order of recommended compliance (OSHA, EPA, ODH regulations).

RECOMMENDATIONS

Review of URS Phase II ESA & Visual Inspection for ASTs/USTs

Based on the findings of the URS Phase II ESA and visual inspection for ASTs/USTs, no ASTs were identified at the subject properties and no USTs are known to remain on-site. However, although no USTs remain on-site, plan notes should be prepared to properly manage and dispose of soils impacted with petroleum or volatile organic compounds associated with former UST locations should soils in the former UST locations be encountered during demolition and/or construction activities.

Asbestos Survey

Based on the findings of the asbestos survey and OSHA, ODH and NESHAP regulations, the following recommendations are presented for consideration:

1. Notify any outside contractor(s), prior to them working at the buildings located at the subject properties, of the presence of any building materials identified as containing or assumed to contain asbestos.

Contractors disturbing building materials identified as containing less than or equal to one (1) percent asbestos would be required to conduct their activities in accordance with sections (g)(1), (g)(2) and (g)(3) of the OSHA Asbestos Standard for the Construction Industry. Contractors disturbing the building materials identified as containing greater than one (1) percent would be required to conduct their activities in accordance with all applicable sections of OSHA's Asbestos Standard for the Construction Industry as well as applicable EPA NESHAP and ODH regulations.

2. Contract with an asbestos abatement contractor licensed in the State of Ohio to abate the asbestos-containing materials highlighted in "red" on HzW's Asbestos Bulk Sampling Information forms. If the assumed nonfriable asbestos-containing materials identified in good condition, become friable as a result of the demolition activities, then these materials are required to be abated prior to the demolition activities being performed.
3. Submit the Ohio Environmental Protection Agency (OEPA), "Notification of Demolition and Renovation" form to the OEPA ten (10) days prior to renovation activities which will involve the disturbance of 160 square feet or 260 linear feet of RACM and ten (10) days prior to any demolition activities. HzW has completed the OEPA Notification of Demolition and Renovation form for each of the subject buildings and has included these forms in **Attachment 5**.
4. Submit the ODH "Prior Notification of Asbestos Hazard Abatement Project" form to the ODH ten (10) days prior to any asbestos hazard abatement activity being performed. ODH defines an asbestos hazard abatement activity as any activity involving the removal, renovation, enclosure, repair or encapsulation of reasonably related friable ACMs in an amount greater than fifty (50) linear feet or fifty (50) square feet.
5. As indicated in the OEPA "Notification of Demolition and Renovation" form, Section XVII, ensure that an individual trained in the provisions of NESHAP is on-site during the demolition activities. This individual would need to be certified by the ODH as an Asbestos Hazard Evaluation Specialist.
6. Prior to demolition of the buildings located at the subject properties, notify the demolition contractor of the nonfriable ACMs and assumed asbestos-containing materials, as well as the building materials identified as containing less than 1 percent asbestos that are to remain in the subject building during the demolition activities. The demolition contractor is required to conduct the demolition activities in accordance with all applicable sections of OSHA's Asbestos Standard as well as applicable EPA NESHAP and ODH regulations. All demolition work must be performed using wet methods.

Hazardous Materials Survey

Based on the findings of the hazardous materials survey, the recommendations outlined below are presented for consideration:

1. All PCB-containing light ballasts shall be handled and disposed of in accordance with the Toxic Substance Control Act (TSCA) regulations.
2. All mercury containing fluorescent light bulbs, thermostats and heavy metal/mercury-containing equipment shall be handled, characterized and disposed of or recycled in accordance with Ohio's hazardous waste regulations outlined in OAC 3745-51 and universal waste rules outlined in OAC 3745-273.
3. All batteries should be handled and disposed of or recycled in accordance with OAC 3745-273.
4. All regulated refrigerants (i.e. Freon) should be handled, characterized and disposed of or recycled in accordance with 40 CFR 82.
5. All fire extinguishers should be handled in accordance with OSHA's Liquefied Petroleum Gas Standard (29 CFR 1926.153).
6. Any other hazardous or regulated material identified in the "Any other Hazardous or Regulated Materials" column should be handled and disposed of properly prior to demolition activities being performed.

HZW appreciates the opportunity you have given us to provide professional consulting services on this project. Should you have any questions regarding the information presented above, please do not hesitate to contact us.

Sincerely,

HZW ENVIRONMENTAL CONSULTANTS, LLC



Matthew P. Fergus
Field Technician



Joan A. Sablar
Senior Industrial Hygienist

JAS:jas\H10002-14
Attachments (5)

I:\2010\H10002-14\ODOT Stripmatic_TIG_River Dock_Allied_Asbestos_Final Rpt. doc

ATTACHMENT 1

PHOTOGRAPHIC LOG





Photograph 01

Aerial View of the Stripmatic Products Inc. Property
located at 1501 Abbey Road, Cleveland, Ohio



Photograph 02

View Looking West at the East Side of the Stripmatic Products Inc. Building
located at 1501 Abbey Road, Cleveland, Ohio



Photograph 03

View Looking South at the East Side of the Stripmatic Products Inc. Building
located at 1501 Abbey Road, Cleveland, Ohio



Photograph 04

View Looking South at the North Side of the Stripmatic Products Inc. Building
located at 1501 Abbey Road, Cleveland, Ohio



Photograph 05

View Looking West at the East Side of the Stripmatic Products Inc. Building
located at 1501 Abbey Road, Cleveland, Ohio



Photograph 06

View Looking West at the Detached Building Associated with the Stripmatic Products Inc. Property
located at 1501 Abbey Road, Cleveland, Ohio





Photograph 07

Aerial View of the TIG Welding Property
Located at 2150 West 15th Street, Cleveland, Ohio



Photograph 08

View Looking South at the North and East Sides of the TIG Welding Building
Located at 2150 West 15th Street, Cleveland, Ohio



Photograph 09

Aerial View of the River Dock, Inc. Property
Located on Harrison Street, Cleveland, Ohio



Photograph 10

View of the Electrical Building Associated with the River Dock, Inc. Property
Located on Harrison Street, Cleveland, Ohio



Photograph 11

View of the Scale House Building Associated with the River Dock, Inc. Property
Located on Harrison Street, Cleveland, Ohio



Photograph 12

View of a Storage Building Associated with the River Dock, Inc. Property
Located on Harrison Street, Cleveland, Ohio





Photograph 13

View Looking West at the Allied Corporation, Inc. Building
Located on Harrison Street, Cleveland, Ohio



ATTACHMENT 2

ASBESTOS BULK SAMPLING INFORMATION FORMS

ODOT District 12
Asbestos Survey – Stripmatic Products, Inc., 1501 Abbey Avenue, Cleveland, Ohio
HZW Environmental Consultants, LLC – Project No. H10002-14

Asbestos Bulk Sampling Information Form

| ID# | IDENTIFICATION LOCATION | MATERIAL CHARACTERIZATION | | AHERA CATEGORY | | | QUANTITY & CONDITION | | | POTENTIAL FOR DISTURBANCE | | | RESULT % ASBESTOS |
|-----|---|--|---|----------------|-----|---------------|----------------------|------|------|---------------------------|-----|-----|-------------------------|
| | | HOMOGENEOUS AREA | FUNCTIONAL SPACE | SUR. | TSI | MISC. F/NF | GOOD | FAIR | POOR | HIGH | MOD | LOW | |
| 01 | Two Story Office Bldg., Shop Conference & Training Room | Ceiling Tile – 2-foot by 4-foot, Pin Holes with Deep Indents | 1 st & 2 nd Floor Office Area | | | | | | | | | | ND |
| 02 | " | Ceiling Tile – 2-foot by 4-foot, Pin Holes with Deep Indents | 1 st & 2 nd Floor Office Area | | | | | | | | | | ND |
| 03 | " | Ceiling Tile – 2-foot by 4-foot, Pin Holes with Deep Indents | 1 st & 2 nd Floor Office Area | | | | | | | | | | ND |
| 04 | " | Drywall System | 1 st & 2 nd Floor Office Area | | | | | | | | | | ND |
| 05 | " | Drywall System | 1 st & 2 nd Floor Office Area | | | | | | | | | | ND |
| 06 | " | Drywall System | 1 st & 2 nd Floor Office Area | | | | | | | | | | ND |
| 07 | " | Drywall System | 1 st & 2 nd Floor Office Area | | | | | | | | | | ND |
| 08 | " | Drywall System | 1 st & 2 nd Floor Office Area | | | | | | | | | | ND |
| 09 | " | Drywall System | 1 st & 2 nd Floor Office Area | | | | | | | | | | ND |
| 10 | " | Drywall System | 1 st & 2 nd Floor Office Area | | | | | | | | | | ND |
| 11 | " | Cove Base- 4-inch Red Mastic | 1 st Floor Office Area | | | | | | | | | | ND |
| 12 | " | Cove Base- 4-inch Red Mastic | 1 st Floor Office Area | | | | | | | | | | ND (jc) |

**ODOT District 12
Asbestos Survey – Stripmatic Products, Inc., 1501 Abbey Avenue, Cleveland, Ohio
HzW Environmental Consultants, LLC – Project No. H10002-14**

Asbestos Bulk Sampling Information Form

| ID# | IDENTIFICATION | | MATERIAL CHARACTERIZATION | | AHERA CATEGORY | | | QUANTITY & CONDITION | | | POTENTIAL FOR DISTURBANCE | | RESULT | |
|-----|---|--|---|---|----------------|-----|------------|----------------------|------|------|---------------------------|------|--------|------------|
| | LOCATION | | HOMOGENEOUS AREA | FUNCTIONAL SPACE | SUR | TSI | MISC. F/NF | GOOD | FAIR | POOR | HIGH | MOD. | LOW | % ASBESTOS |
| 13 | Two Story Office Bldg., Shop Conference & Training Room | | Floor Tile – 12-inch by 12-inch, Gray with Gray & White Streaks Floor Tile Mastic | 1 st & 2 nd Floor Office Area | | | | | | | | | | ND |
| 14 | " | | Floor Tile – 12-inch by 12-inch, Gray with Gray & White Streaks Floor Tile Mastic | 1 st & 2 nd Floor Office Area | | | | | | | | | | ND |
| 15 | " | | Cove Base – 4-inch Gray Mastic | 1 st & 2 nd Floor Office Area | | | | | | | | | | ND |
| 16 | " | | Cove Base – 4-inch Gray Mastic | 1 st & 2 nd Floor Office Area | | | | | | | | | | ND |
| 17 | " | | Carpet Mastic | 1 st & 2 nd Floor Office Area | | | | | | | | | | ND |
| 18 | " | | Carpet Mastic | 1 st & 2 nd Floor Office Area | | | | | | | | | | ND |
| 19 | " | | Stair Tread Covering – Burgundy Mastic | 1 st Floor Office Area | | | | | | | | | | ND |
| 20 | " | | Stair Tread Covering – Burgundy Mastic | 1 st Floor Office Area | | | | | | | | | | ND |
| 21 | " | | Sink Bottom Coating - Gray | 1 st & 2 nd Floor Office Area | | | | | | | | | | ND |
| 22 | " | | Sink Bottom Coating - Gray | 1 st & 2 nd Floor Office Area | | | | | | | | | | ND |
| 23 | " | | Floor Tile – 12-inch by 12-inch, Red with White Specks Mastic | 1 st Floor Office Area | | | | | | | | | | ND |
| 24 | " | | Floor Tile – 12-inch by 12-inch, Red with White Specks Mastic | 1 st Floor Office Area | | | | | | | | | | ND |

ODOT District 12
Asbestos Survey – Stripmatic Products, Inc., 1501 Abbey Avenue, Cleveland, Ohio
HZW Environmental Consultants, LLC – Project No. H10002-14

Asbestos Bulk Sampling Information Form

| ID# | IDENTIFICATION | | MATERIAL CHARACTERIZATION | | AHERA CATEGORY | | | QUANTITY & CONDITION | | | POTENTIAL FOR DISTURBANCE | | RESULT | |
|-----|---|--|---|-----------------------------------|----------------|-----|------------|----------------------|------|------|---------------------------|------|--------|------------|
| | LOCATION | | HOMOGENEOUS AREA | FUNCTIONAL SPACE | SUR. | TSI | MISC. F/NF | GOOD | FAIR | POOR | HIGH | MOD. | LOW | % ASBESTOS |
| 25 | Two Story Office Bldg., Shop Conference & Training Room | | Floor Tile – 12-inch by 12-inch, Green with Green and White Specks Mastic | 1 st Floor Office Area | | | | | | | | | | ND |
| 26 | " | | Floor Tile – 12-inch by 12-inch, Green with Green and White Specks Mastic | 1 st Floor Office Area | | | | | | | | | | ND |
| 27 | " | | Stair Tread Covering – Gray | 2 nd Floor Office Area | | | | | | | | | | ND |
| 28 | " | | Stair Tread Covering – Gray | 2 nd Floor Office Area | | | | | | | | | | ND |
| 29 | " | | Cove Base – 4-inch Blue Mastic | 2 nd Floor Office Area | | | | | | | | | | ND |
| 30 | " | | Cove Base – 4-inch Blue Mastic | 2 nd Floor Office Area | | | | | | | | | | ND |
| 31 | " | | Cove Base – 4-inch Burgundy Mastic | 2 nd Floor Office Area | | | | | | | | | | ND |
| 32 | " | | Cove Base – 4-inch Burgundy Mastic | 2 nd Floor Office Area | | | | | | | | | | ND |
| 33 | " | | Cove Base – 6-inch Burgundy Mastic | 2 nd Floor Office Area | | | | | | | | | | ND |
| 34 | " | | Cove Base – 6-inch Burgundy Mastic | 2 nd Floor Office Area | | | | | | | | | | ND |
| 35 | " | | Sink Bottom Coating - Black | 2 nd Floor Office Area | | | | | | | | | | ND |
| 36 | " | | Sink Bottom Coating - Black | 2 nd Floor Office Area | | | | | | | | | | ND |

ODOT District 12
Asbestos Survey – Stripmatic Products, Inc., 1501 Abbey Avenue, Cleveland, Ohio
HZW Environmental Consultants, LLC – Project No. H10002-14

Asbestos Bulk Sampling Information Form

| ID# | IDENTIFICATION | | MATERIAL CHARACTERIZATION | | AHERA CATEGORY | | | QUANTITY & CONDITION | | | POTENTIAL FOR DISTURBANCE | | | RESULT |
|-----|---|--|--|--|----------------|-----|------------|----------------------|------|------|---------------------------|------|-----|------------|
| | LOCATION | | HOMOGENEOUS AREA | FUNCTIONAL SPACE | SUR. | TSI | MISC. F/NF | GOOD | FAIR | POOR | HIGH | MOD. | LOW | % ASBESTOS |
| | Two Story Office Bldg., Shop Conference & Training Room | | Built-up Roof Decking | Roof | | | X | 3,200 sq.ft. | | | | | | Assumed |
| | | | Tarred Roof Flashing | Roof | | | X | 472 sq.ft. | | | | | | Assumed |
| 37 | Maintenance Department | | Window Glazing | 1 st Floor | | | | | | | | | | 0.25 |
| 38 | " | | Window Glazing | 1 st Floor | | | | | | | | | | 0.5 |
| 39 | " | | Window Glazing | 1 st Floor | | | | | | | | | | 0.25 |
| 40 | " | | Drywall System on Ceiling | 2 nd Floor, File Storage Room | | | X | 160 sq.ft. | | | | | | ND |
| 41 | " | | Drywall System on Ceiling | 2 nd Floor, File Storage Room | | | X | " | | | | | | 3.0 |
| 42 | " | | Drywall System on Ceiling | 2 nd Floor, File Storage Room | | | X | " | | | | | | ND |
| 43 | " | | Floor Tile – 9-inch by 9-inch, Tan with Brown Streaks Mastic | 2 nd Floor, File Storage Room | | | X | 160 sq.ft. | | | | | | 2.3 |
| 44 | " | | Floor Tile – 9-inch by 9-inch, Tan with Brown Streaks Mastic | 2 nd Floor, File Storage Room | | | X | " | | | | | | 6.1 |
| | | | Built-up Roof Decking | Roof | | | X | | | | | | | ND |
| | | | Tarred Roof Flashing | Roof | | | X | | | | | | | 5.5 |
| 45 | Small Press Area | | Drywall System | Plant Area | | | | 1,350 sq.ft. | | | | | | ND |
| 46 | " | | Drywall System | Plant Area | | | | 300 sq.ft. | | | | | | Assumed |
| 47 | " | | Drywall System | Plant Area | | | | | | | | | | Assumed |
| | | | | | | | | | | | | | | ND |
| | | | | | | | | | | | | | | ND |
| | | | | | | | | | | | | | | ND |
| | | | | | | | | | | | | | | ND |
| | | | | | | | | | | | | | | ND |
| | | | | | | | | | | | | | | ND |

ODOT District 12
Asbestos Survey – Stripmatic Products, Inc., 1501 Abbey Avenue, Cleveland, Ohio
HZW Environmental Consultants, LLC – Project No. H10002-14

Asbestos Bulk Sampling Information Form

| ID# | IDENTIFICATION | | MATERIAL CHARACTERIZATION | | AHERA CATEGORY | | | QUANTITY & CONDITION | | | | POTENTIAL FOR DISTURBANCE | | | RESULT | |
|-----|------------------|--|----------------------------|-------------------|----------------|-----|------------|----------------------|------|------|------|---------------------------|-----|------------|---------|--|
| | LOCATION | | HOMOGENEOUS AREA | FUNCTIONAL SPACE | SUR. | TSI | MISC. F/NF | GOOD | FAIR | POOR | HIGH | MOD. | LOW | % ASBESTOS | | |
| 48 | Small Press Area | | Window Glazing | Plant Area | | | | | | | | | | | 0.5 | |
| 48 | " | | Window Glazing | Plant Area | | | | | | | | | | | 0.25 | |
| 50 | " | | Window Glazing | Plant Area | | | | | | | | | | | 0.75 | |
| | " | | Built-up Roof Decking | Roof | | | X | 4,560 sq.ft. | | | | | | | Assumed | |
| | " | | Tarred Roof Flashing | Roof | | | X | 632 sq.ft. | | | | | | | Assumed | |
| 51 | Cold Roll Area | | Roof Decking Board – White | Underside of Roof | | | | | | | | | | | ND | |
| 52 | " | | Roof Decking Board – White | Underside of Roof | | | | | | | | | | | ND | |
| 53 | " | | Roof Decking Board – White | Underside of Roof | | | | | | | | | | | ND | |
| 54 | " | | Roof Decking Board – White | Underside of Roof | | | | | | | | | | | ND | |
| 55 | " | | Roof Decking Board – White | Underside of Roof | | | | | | | | | | | ND | |
| 56 | " | | Roof Decking Board – White | Underside of Roof | | | | | | | | | | | ND | |
| 57 | " | | Roof Decking Board – White | Underside of Roof | | | | | | | | | | | ND | |
| | " | | Built-up Roof Decking | Roof | | | X | 4,000 sq.ft. | | | | | | | Assumed | |
| | " | | Tarred Roof Flashing | Roof | | | X | 628 sq.ft. | | | | | | | Assumed | |

ODOT District 12
Asbestos Survey – Stripmatic Products, Inc., 1501 Abbey Avenue, Cleveland, Ohio
HZW Environmental Consultants, LLC – Project No. H10002-14

Asbestos Bulk Sampling Information Form

| ID# | IDENTIFICATION | | MATERIAL CHARACTERIZATION | | AHERA CATEGORY | | | QUANTITY & CONDITION | | | POTENTIAL FOR DISTURBANCE | | | RESULT | |
|-----|----------------------|--|---------------------------|------|----------------|------------|--------------|----------------------|------|-----------|---------------------------|-----|------------|----------|--|
| | LOCATION | HOMOGENEOUS AREA | FUNCTIONAL SPACE | SUR. | TSI | MISC. F/NF | GOOD | FAIR | POOR | HIGH | MOD | LOW | % ASBESTOS | ASBESTOS | |
| 58 | Main Press Room Area | Drywall System | Men's & Women's Restroom | | | | | | | | | | | ND | |
| 59 | " | Drywall System | Men's & Women's Restroom | | | | | | | | | | | ND | |
| 60 | " | Drywall System | Men's & Women's Restroom | | | | | | | | | | | ND | |
| 61 | " | Ceiling Tile – 2-foot by 4-foot, Pin Holes and Large Indents | Men's & Women's Restroom | | | | | | | | | | | ND | |
| 62 | " | Ceiling Tile – 2-foot by 4-foot, Pin Holes and Large Indents | Men's & Women's Restroom | | | | | | | | | | | ND | |
| 63 | " | Ceiling Tile – 2-foot by 4-foot, Pin Holes and Large Indents | Men's & Women's Restroom | | | | | | | | | | | ND | |
| 64 | " | Cove Base – 4-inch Gray Mastic | Men's & Women's Restroom | | | | | | | | | | | ND | |
| 65 | " | Cove Base – 4-inch Gray Mastic | Men's & Women's Restroom | | | | | | | | | | | ND | |
| 66 | " | Window Glazing | Plant Area | | | X | | | | 20 sq.ft. | | | | ND | |
| 67 | " | Window Glazing | Plant Area | | | X | | | | | | | | 1.4 | |
| 68 | " | Window Glazing | Plant Area | | | X | | | | | | | | 1.2 | |
| | " | Built-up Roof Decking | Roof | | | X | 5,850 sq.ft. | | | | | | | Assumed | |
| | " | Tarred Roof Flashing | Roof | | | X | 700 sq.ft. | | | | | | | Assumed | |

**ODOT District 12
Asbestos Survey – Stripmatic Products, Inc., 1501 Abbey Avenue, Cleveland, Ohio
HzW Environmental Consultants, LLC – Project No. H10002-14**

Asbestos Bulk Sampling Information Form

| ID# | IDENTIFICATION LOCATION | MATERIAL CHARACTERIZATION | | AHERA CATEGORY | | | QUANTITY & CONDITION | | | POTENTIAL FOR DISTURBANCE | | | RESULT % ASBESTOS | |
|-----|----------------------------|---|------------------|----------------|-----|---------------|----------------------|-----------|------|------------------------------|------|-----|-------------------------|---------|
| | | HOMOGENEOUS AREA | FUNCTIONAL SPACE | SUR. | TSI | MISC. F/NF | GOOD | FAIR | POOR | HIGH | MOD. | LOW | | |
| 69 | Storage Area | Ceiling Tile – 2-foot by 4-foot, Pin Holes with Long Fissures | Sensor Lab | | | | | | | | | | | ND |
| 70 | " | Ceiling Tile – 2-foot by 4-foot, Pin Holes with Long Fissures | Sensor Lab | | | | | | | | | | | ND |
| 71 | " | Ceiling Tile – 2-foot by 4-foot, Pin Holes with Long Fissures | Sensor Lab | | | | | | | | | | | ND |
| | " | Built-up Roof Decking | Roof | | | X | 2,500 sq.ft. | | | | | | | Assumed |
| | " | Tarred Roof Flashing | Roof | | | X | 400 sq.ft. | | | | | | | Assumed |
| 72 | Toof Room | Window Glazing | Shop Area | | | X | | 20 sq.ft. | | → | | | | Trace |
| 73 | " | Window Glazing | Shop Area | | | X | | | | → | | | | 1.1 |
| 74 | " | Window Glazing | Shop Area | | | X | | | | → | | | | 0.25 |
| | " | Built-up Roof Decking | Roof | | | X | 2,750 sq.ft. | | | | | | | Assumed |
| | " | Tarred Roof Flashing | Roof | | | X | 420 sq.ft. | | | | | | | Assumed |
| 75 | Shipping & Receiving Area | Drywall System | Main Room | | | | | | | | | | | ND |
| 76 | " | Drywall System | Main Room | | | | | | | | | | | ND |
| 77 | " | Drywall System | Main Room | | | | | | | | | | | ND |
| 78 | " | Drywall System | Main Room | | | | | | | | | | | ND |
| 79 | " | Drywall System | Main Room | | | | | | | | | | | ND |
| 80 | " | Drywall System | Main Room | | | | | | | | | | | ND |
| 81 | " | Drywall System | Main Room | | | | | | | | | | | ND |

ODOT District 12
Asbestos Survey – Stripmatic Products, Inc., 1501 Abbey Avenue, Cleveland, Ohio
HZW Environmental Consultants, LLC – Project No. H10002-14

Asbestos Bulk Sampling Information Form

| ID# | IDENTIFICATION | MATERIAL CHARACTERIZATION | | AHERA CATEGORY | | | QUANTITY & CONDITION | | | | POTENTIAL FOR DISTURBANCE | | | RESULT |
|-----|---------------------------|---------------------------|------------------|----------------|-----|------------|----------------------|------|------|------|---------------------------|-----|------------|---------|
| | | HOMOGENEOUS AREA | FUNCTIONAL SPACE | SUR | TSI | MISC. F/NF | GOOD | FAIR | POOR | HIGH | MOD. | LOW | % ASBESTOS | |
| | Shipping & Receiving Area | Built-up Roof Decking | Roof | | | X | 6,111 sq. ft. | | | | | | | Assumed |
| | " | Tarred Roof Flashing | Roof | | | X | 800 sq. ft. | | | | | | | Assumed |
| 82 | Detached Building | Window Glazing - Back | Warehouse Area | | | X | 8 sq. ft. | → | | | | | | 1.6 |
| 83 | " | Window Glazing - Back | Warehouse Area | | | X | | → | | | | | | 1.4 |
| 84 | " | Window Glazing - Back | Warehouse Area | | | X | | → | | | | | | 1.2 |
| 85 | " | Window Glazing - Front | Office | | | | | | | | | | | 0.5 |
| 86 | " | Window Glazing - Front | Office | | | | | | | | | | | 0.25 |
| 87 | " | Window Glazing - Front | Office | | | | | | | | | | | 0.5 |
| | " | Transite | Office | | | X | 2 sq. ft. | | | | | | | Assumed |
| | " | White Insulation Paper | Roof Vent | | X | | 10 sq. ft. | | | | | | | Assumed |
| | " | Built-up Roof Decking | Roof | | | X | 2,500 sq. ft. | | | | | | | Assumed |
| | " | Tarred Roof Flashing | Roof | | | X | 400 sq. ft. | | | | | | | Assumed |

**ODOT District 12
Asbestos Survey – TIG Welding, 2150 West 15th Street, Cleveland, Ohio
HzW Environmental Consultants, LLC – Project No. H10002-14**

Asbestos Bulk Sampling Information Form

| ID# | IDENTIFICATION LOCATION | MATERIAL CHARACTERIZATION | | AHERA CATEGORY | | | QUANTITY & CONDITION | | | | POTENTIAL FOR DISTURBANCE | | | RESULT % ASBESTOS |
|-----|----------------------------|-----------------------------------|------------------|----------------|-----|---------------|----------------------|------|------|------|---------------------------|-----|--|-------------------------|
| | | HOMOGENEOUS AREA | FUNCTIONAL SPACE | SUR. | TSI | MISC. F/NF | GOOD | FAIR | POOR | HIGH | MOD | LOW | | |
| 01 | TIG Welding | Ceiling Plaster on Metal Lath | Main Building | | | X | 100 sq.ft. | | | | | | | 1.2 |
| 02 | " | Ceiling Plaster on Metal Lath | Main Building | | | X | " | | | | | | | 1.3 |
| 03 | " | Ceiling Plaster on Metal Lath | Main Building | | | X | " | | | | | | | 1.2 |
| 04 | " | Wall Plaster on Metal Lath | Main Building | | | X | 120 sq.ft. | | | | | | | 1.6 |
| 05 | " | Wall Plaster on Metal Lath | Main Building | | | X | " | | | | | | | 1.4 |
| 06 | " | Wall Plaster on Metal Lath | Main Building | | | X | " | | | | | | | 1.5 |
| 07 | " | Ceiling Plaster on Wood Lath | Main Building | | | X | 200 sq.ft. | | | | | | | 1.8 |
| 08 | " | Ceiling Plaster on Wood Lath | Main Building | | | X | " | | | | | | | 1.6 |
| 09 | " | Ceiling Plaster on Wood Lath | Main Building | | | X | " | | | | | | | 1.5 |
| 10 | " | Wall Plaster on Wood Lath & Brick | Main Building | | | X | 960 sq.ft. | | | | | | | 1.8 |
| 11 | " | Wall Plaster on Wood Lath & Brick | Main Building | | | X | " | | | | | | | 1.6 |
| 12 | " | Wall Plaster on Wood Lath & Brick | Main Building | | | X | " | | | | | | | 2.1 |
| 13 | " | Ceiling Tile – 1-foot by 1-foot | Main Building | | | | | | | | | | | ND |
| 14 | " | Ceiling Tile – 1-foot by 1-foot | Main Building | | | | | | | | | | | ND |
| 15 | " | Ceiling Tile – 1-foot by 1-foot | Main Building | | | | | | | | | | | ND |
| 16 | " | Ceiling Tile – 2-foot by 4-foot | Main Building | | | | | | | | | | | ND |
| 17 | " | Ceiling Tile – 2-foot by 4-foot | Main Building | | | | | | | | | | | ND |
| 18 | " | Ceiling Tile – 2-foot by 4-foot | Main Building | | | | | | | | | | | ND |

**ODOT District 12
Asbestos Survey – TIG Welding, 2150 West 15th Street, Cleveland, Ohio
HzW Environmental Consultants, LLC – Project No. H10002-14**

Asbestos Bulk Sampling Information Form

| IDENTIFICATION | | MATERIAL CHARACTERIZATION | | | AHERA CATEGORY | | | QUANTITY & CONDITION | | | POTENTIAL FOR DISTURBANCE | | | RESULT |
|----------------|-------------|---------------------------|------------------------------|------|----------------|------------|--------------|----------------------|------|------|---------------------------|-----|------------|--------|
| ID# | LOCATION | HOMOGENEOUS AREA | FUNCTIONAL SPACE | SUR. | TSI | MISC. F/NF | GOOD | FAIR | POOR | HIGH | MOD. | LOW | % ASBESTOS | |
| 19 | TIG Welding | Textured Drywall | Main Building | | | | | | | | | | ND | |
| 20 | " | Textured Drywall | Main Building | | | | | | | | | | ND | |
| 21 | " | Textured Drywall | Main Building | | | | | | | | | | ND | |
| 22 | " | Window Glazing | Main Building | | | | | | | | | | ND | |
| 23 | " | Window Glazing | Main Building | | | | | | | | | | 0.3 | |
| 24 | " | Window Glazing | Main Building | | | | | | | | | | Trace | |
| | | Window Glazing | Main Building | | | | | | | | | | 0.3 | |
| | | Built-up Roof Decking | Main Building | | | X | 9,000 sq.ft. | | | | | | Assumed | |
| | | Tarred Roof Flashing | Main Building | | | X | 1,250 sq.ft. | | | | | | Assumed | |
| 25 | " | Roofing Material | Small Detached Shop Building | | | | | | | | | | Trace | |
| 26 | " | Roofing Material | Small Detached Shop Building | | | | | | | | | | Trace | |
| 27 | " | Roofing Material | Detached Storage Building | | | | | | | | | | Trace | |
| 28 | " | Roofing Material | Detached Storage Building | | | | | | | | | | Trace | |
| 29 | " | Window Glazing | Detached Storage Building | | | | | | | | | | ND | |
| 30 | " | Window Glazing | Detached Storage Building | | | | | | | | | | ND | |
| 31 | " | Window Glazing | Detached Storage Building | | | | | | | | | | ND | |

ODOT District 12
Asbestos Survey – River Dock, Inc., Harrison Avenue, Cleveland, Ohio
HZW Environmental Consultants, LLC – Project No. H10002-14

Asbestos Bulk Sampling Information Form

| IDENTIFICATION | | MATERIAL CHARACTERIZATION | | | AHERA CATEGORY | | | QUANTITY & CONDITION | | | POTENTIAL FOR DISTURBANCE | | | RESULT |
|----------------|------------------|---|------------------|------|----------------|------------|------------|----------------------|------|------|---------------------------|-----|------------|--------|
| ID# | LOCATION | HOMOGENEOUS AREA | FUNCTIONAL SPACE | SUR. | TSI | MISC. E/NF | GOOD | FAIR | POOR | HIGH | MOD. | LOW | % ASBESTOS | |
| 01 | River Dock, Inc. | Ceiling Tile – 2-foot by 4-foot, Pin Holes & Indents | Scale House | | | | | | | | | | ND | |
| 02 | " | Ceiling Tile – 2-foot by 4-foot, Pin Holes & Indents | Scale House | | | | | | | | | | ND | |
| 03 | " | Ceiling Tile – 2-foot by 4-foot, Pin Holes & Indents | Scale House | | | | | | | | | | ND | |
| 04 | " | Drywall System | Scale House | | | | | | | | | | ND | |
| 05 | " | Drywall System | Scale House | | | | | | | | | | ND | |
| 06 | " | Drywall System | Scale House | | | | | | | | | | ND | |
| 07 | " | Floor Tile – 12-inch by 12-inch, White with Light Green Streaks | Scale House | | | | | | | | | | ND | |
| 08 | " | Floor Tile – 12-inch by 12-inch, White with Light Green Streaks | Scale House | | | | | | | | | | ND | |
| 09 | " | Cove Base – 4-inch, Black Mastic | Scale House | | | | | | | | | | ND | |
| 10 | " | Cove Base – 4-inch, Black Mastic | Scale House | | | | | | | | | | ND | |
| 11 | " | Floor Tile – 12-inch by 12-inch, White with Tan Streaks Mastic | Scale House | | | | | | | | | | ND | |
| 12 | " | Floor Tile – 12-inch by 12-inch, White with Tan Streaks Mastic | Scale House | | | | | | | | | | ND | |
| | " | Built-up Roof Decking | Roof | | | X | 240 sq.ft. | | | | | | ND | |
| | " | Tarred Roof Flashing | Roof | | | X | 204 sq.ft. | | | | | | Assumed | |

ODOT District 12
Asbestos Survey – Allied Corporation, Inc., Harrison Avenue, Cleveland, Ohio
HzW Environmental Consultants, LLC – Project No. H10002-14

Asbestos Bulk Sampling Information Form

| IDENTIFICATION | | MATERIAL CHARACTERIZATION | | AHERA CATEGORY | | | QUANTITY & CONDITION | | | POTENTIAL FOR DISTURBANCE | | | RESULT |
|----------------|--------------------------|--|------------------|----------------|-----|------------|----------------------|------|------|---------------------------|------|-----|------------|
| ID# | LOCATION | HOMOGENEOUS AREA | FUNCTIONAL SPACE | SUR. | TSI | MISC. F/NF | GOOD | FAIR | POOR | HIGH | MOD. | LOW | % ASBESTOS |
| 01 | Allied Corporation, Inc. | Ceiling Tile – 2-foot by 4-foot, Pin Holes and Indents | | | | | | | | | | | ND |
| 02 | " | Ceiling Tile – 2-foot by 4-foot, Pin Holes and Indents | | | | | | | | | | | ND |
| 03 | " | Ceiling Tile – 2-foot by 4-foot, Pin Holes and Indents | | | | | | | | | | | ND |
| 04 | " | Drywall System | | | | | | | | | | | ND |
| 05 | " | Drywall System | | | | | | | | | | | ND |
| 06 | " | Drywall System | | | | | | | | | | | ND |
| | " | Built-up Roof Decking | Roof | | | X | 480 sq.ft. | | | | | | Assumed |
| | " | Tarred Roof Flashing | Roof | | | X | 184 sq.ft. | | | | | | Assumed |

ATTACHMENT 3

LABORATORY ANALYTICAL REPORT FOR BULK SAMPLES COLLECTED

Stripmatic Products, Inc.

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Hcislely Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981237 **Description / Location:** Grey/White Ceiling Tile
Client No.: 01

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 10 | Fibrous Glass | 70 |
| | | 20 | Cellulose | |

Lab No.: 3981238 **Description / Location:** Grey/White Ceiling Tile
Client No.: 02

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 10 | Fibrous Glass | 70 |
| | | 20 | Cellulose | |

Lab No.: 3981239 **Description / Location:** Grey/White Ceiling Tile
Client No.: 03

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 10 | Fibrous Glass | 70 |
| | | 20 | Cellulose | |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Approved By: _____

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981240 **Description / Location:** Brown/Grey/Tan Sheetrock
Client No.: 04

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 25 | Cellulose | 72 |
| | | 3 | Fibrous Glass | |

Lab No.: 3981240 **Description / Location:** White Joint Compound **Layer No.:** 2
Client No.: 04

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981240 **Description / Location:** White Joint Compound **Layer No.:** 3
Client No.: 04

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010



CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981241 **Description / Location:** Tan/Brown/Grey Sheetrock
Client No.: 05

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 25 | Cellulose | 72 |
| | | 3 | Fibrous Glass | |

Lab No.: 3981241 **Description / Location:** White Joint Compound **Layer No.:** 2
Client No.: 05

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981241 **Description / Location:** White Joint Compound **Layer No.:** 3
Client No.: 05

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H11002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981242 **Description / Location:** Tan/Brown/Grey Sheetrock
Client No.: 06

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 25 | Cellulose | 72 |
| | | 3 | Fibrous Glass | |

Lab No.: 3981242 **Description / Location:** White Joint Compound **Layer No.:** 2
Client No.: 06

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981242 **Description / Location:** White Joint Compound **Layer No.:** 3
Client No.: 06

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0**NY-DOH No. 11021****AIHA Lab No. 100188**

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicator Stratified Point Count Method performed. Method not performed unless stated. Quantification at 0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate**Date:** 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

| | | | |
|-------------------------|---|--|---------------|
| Lab No.: 3981243 | Description / Location: Tan/Brown/Grey Sheetrock | | |
| Client No.: 07 | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> |
| None Detected | None Detected | 25 | Cellulose |
| | | 3 | Fibrous Glass |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981243 | Description / Location: White Joint Compound | | | Layer No.: 2 |
| Client No.: 07 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981243 | Description / Location: White Joint Compound | | | Layer No.: 3 |
| Client No.: 07 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981244 **Description / Location:** Brown/Grey Sheetrock
Client No.: 08

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 30 | Cellulose | 67 |
| | | 3 | Fibrous Glass | |

Lab No.: 3981244 **Description / Location:** White Joint Compound **Layer No.:** 2
Client No.: 08

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981245 **Description / Location:** Brown/Grey Sheetrock
Client No.: 09

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 30 | Cellulose | 67 |
| | | 3 | Fibrous Glass | |

Lab No.: 3981245 **Description / Location:** White Joint Compound **Layer No.:** 2
Client No.: 09

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicator Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantization. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate**Date:** 6/10/2010



**International Asbestos
Testing Laboratories**

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981246 | Description / Location: Brown/Grey Sheetrock | | | |
| Client No.: 10 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | 30 | Cellulose | 67 |
| | | 3 | Fibrous Glass | |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981246 | Description / Location: White Joint Compound | | | Layer No.: 2 |
| Client No.: 10 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981247 **Description / Location:** Red Cove Base
Client No.: 11

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981247 **Description / Location:** Tan Mastic **Layer No.:** 2
Client No.: 11

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981247 **Description / Location:** White Joint Compound **Layer No.:** 3
Client No.: 11

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate**Date:** 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981248 **Description / Location:** Red Cove Base
Client No.: 12

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981248 **Description / Location:** Tan Mastic **Layer No.:** 2
Client No.: 12

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981248 **Description / Location:** White Joint Compound **Layer No.:** 3
Client No.: 12

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981249 **Description / Location:** Grey Floor Tile
Client No.: 13

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981249 **Description / Location:** Yellow Mastic **Layer No.:** 2
Client No.: 13

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981250 **Description / Location:** Grey Floor Tile
Client No.: 14

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981250 **Description / Location:** Yellow Mastic **Layer No.:** 2
Client No.: 14

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (FC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative FLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981251 **Description / Location:** Grey Cove Base
Client No.: 15

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981251 **Description / Location:** Tan Mastic **Layer No.:** 2
Client No.: 15

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981252 **Description / Location:** Grey Cove Base
Client No.: 16

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981252 **Description / Location:** Tan Mastic **Layer No.:** 2
Client No.: 16

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantization. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981253 Description / Location: Yellow Carpet Mastic
Client No.: 17

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981254 Description / Location: Yellow Carpet Mastic
Client No.: 18

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981255 Description / Location: Red/Brown Stair Tread
Client No.: 19

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981255 Description / Location: Lt. Tan Mastic Layer No.: 2
Client No.: 19

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981256 **Description / Location:** Red/Brown Stair Tread
Client No.: 20

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981256 **Description / Location:** Lt. Tan Mastic **Layer No.:** 2
Client No.: 20

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981257 **Description / Location:** Grey Sink Coating
Client No.: 21

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|-------------|-------------------------------|
| None Detected | None Detected | 15 | Cellulose | 85 |

Lab No.: 3981258 **Description / Location:** Grey Sink Coating
Client No.: 22

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|-------------|-------------------------------|
| None Detected | None Detected | 15 | Cellulose | 85 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981259 **Description / Location:** Red Floor Tile
Client No.: 23

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981259 **Description / Location:** Yellow Mastic **Layer No.:** 2
Client No.: 23

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981260 **Description / Location:** Red Floor Tile
Client No.: 24

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981260 **Description / Location:** Yellow Mastic **Layer No.:** 2
Client No.: 24

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. This report shall not be reproduced except in full, without written approval of the laboratory.

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981261 **Description / Location:** Green Floor Tile
Client No.: 25

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981261 **Description / Location:** Clear Mastic **Layer No.:** 2
Client No.: 25

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981262 **Description / Location:** Green Floor Tile
Client No.: 26

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981262 **Description / Location:** Clear Mastic **Layer No.:** 2
Client No.: 26

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shamata

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981263 | Description / Location: Grey Stair Tread | | | |
| Client No.: 27 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981264 | Description / Location: Grey Stair Tread | | | |
| Client No.: 28 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981265 | Description / Location: Blue Cove Base | | | |
| Client No.: 29 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

| | | | | |
|-------------------------|--|--|---------------|-------------------------------|
| Lab No.: 3981265 | Description / Location: Yellow Mastic | | | Layer No.: 2 |
| Client No.: 29 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981266 **Description / Location:** Blue Cove Base
Client No.: 30

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981266 **Description / Location:** Yellow Mastic **Layer No.:** 2
Client No.: 30

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981266 **Description / Location:** White Joint Compound **Layer No.:** 3
Client No.: 30

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government.
This report shall not be reproduced except in full, without written approval of the Laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantification. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981267 **Description / Location:** Red/Brown Cove Base
Client No.: 31

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981267 **Description / Location:** Yellow Mastic **Layer No.:** 2
Client No.: 31

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981268 **Description / Location:** Red/Brown Cove Base
Client No.: 32

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981268 **Description / Location:** Yellow Mastic **Layer No.:** 2
Client No.: 32

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heislcy Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981269 **Description / Location:** Red Cove Base
Client No.: 33

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981269 **Description / Location:** Yellow Mastic **Layer No.:** 2
Client No.: 33

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981270 **Description / Location:** Red Cove Base
Client No.: 34

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981270 **Description / Location:** Yellow Mastic **Layer No.:** 2
Client No.: 34

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantization. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600.Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981271 Description / Location: Black Sink Coating
Client No.: 35

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981272 Description / Location: Black Sink Coating
Client No.: 36

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981273 Description / Location: Grey Glazing
Client No.: 37

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|---------------|-------------------------------|
| PC 0.25 | Chrysotile | None Detected | None Detected | PC 99.75 |

Lab No.: 3981274 Description / Location: Grey Glazing
Client No.: 38

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|---------------|-------------------------------|
| PC 0.5 | Chrysotile | None Detected | None Detected | PC 99.5 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981275 | Description / Location: Grey Glazing | | | |
| Client No.: 39 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| PC 0.25 | Chrysotile | None Detected | None Detected | PC 99.75 |

| | | | | |
|-------------------------|--|--|-------------|-------------------------------|
| Lab No.: 3981276 | Description / Location: Brown/Off-White Sheetrock | | | |
| Client No.: 40 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | 25 | Cellulose | 75 |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981276 | Description / Location: Tan Joint Compound | | | Layer No.: 2 |
| Client No.: 40 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| PC 3.0 | Chrysotile | None Detected | None Detected | 97 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981277 **Description / Location:** Brown/Grey Sheetrock
Client No.: 41

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|-------------|-------------------------------|
| None Detected | None Detected | 75 | Cellulose | 25 |

Lab No.: 3981277 **Description / Location:** Tan Joint Compound **Layer No.:** 2
Client No.: 41

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|---------------|-------------------------------|
| PC 3.6 | Chrysotile | None Detected | None Detected | PC 96.4 |

Lab No.: 3981278 **Description / Location:** Tan/Brown/Grey Sheetrock
Client No.: 42

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|-------------|-------------------------------|
| None Detected | None Detected | 35 | Cellulose | 65 |

Lab No.: 3981278 **Description / Location:** Tan Joint Compound **Layer No.:** 2
Client No.: 42

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|---------------|-------------------------------|
| PC 2.3 | Chrysotile | None Detected | None Detected | PC 97.7 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate**Date:** 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: HI0002-14

BULK SAMPLE ANALYSIS SUMMARY

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981279 | Description / Location: Off-White Floor Tile | | | |
| Client No.: 43 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| PC 6.1 | Chrysotile | None Detected | None Detected | PC 93.9 |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981279 | Description / Location: Black Mastic | | | Layer No.: 2 |
| Client No.: 43 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981280 | Description / Location: Off-White Floor Tile | | | |
| Client No.: 44 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| PC 5.5 | Chrysotile | None Detected | None Detected | PC 94.5 |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981280 | Description / Location: Black Mastic | | | Layer No.: 2 |
| Client No.: 44 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. This report shall not be reproduced except in full, without written approval of the laboratory.

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantification. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981281 **Description / Location:** Brown/Grey Sheetrock
Client No.: 45

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 20 | Cellulose | 77 |
| | | 3 | Fibrous Glass | |

Lab No.: 3981281 **Description / Location:** White Joint Compound **Layer No.:** 2
Client No.: 45

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 10 | Fibrous Glass | 90 |

Lab No.: 3981282 **Description / Location:** Brown/Grey Sheetrock
Client No.: 46

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 20 | Cellulose | 77 |
| | | 3 | Fibrous Glass | |

Lab No.: 3981282 **Description / Location:** White Joint Compound **Layer No.:** 2
Client No.: 46

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 10 | Fibrous Glass | 90 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantification. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: HI0002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981283 **Description / Location:** Brown/Grey Sheetrock
Client No.: 47

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 20 | Cellulose | 77 |
| | | 3 | Fibrous Glass | |

Lab No.: 3981283 **Description / Location:** White Joint Compound **Layer No.:** 2
Client No.: 47

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 10 | Fibrous Glass | 90 |

Lab No.: 3981284 **Description / Location:** Grey Glazing
Client No.: 48 Window

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|---------------|-------------------------------|
| PC 0.5 | Chrysotile | None Detected | None Detected | PC 99.5 |

Lab No.: 3981285 **Description / Location:** Grey Glazing
Client No.: 49 Window

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|---------------|-------------------------------|
| PC 0.25 | Chrysotile | None Detected | None Detected | PC 99.75 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

| | | | | |
|-------------------------|--|--|---------------|-------------------------------|
| Lab No.: 3981286 | Description / Location: Grey Glazing Window | | | |
| Client No.: 50 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| PC 0.75 | Chrysotile | None Detected | None Detected | PC 99.25 |

| | | | | |
|-------------------------|---|--|-------------|-------------------------------|
| Lab No.: 3981287 | Description / Location: Grey/Brown Sheetrock | | | |
| Client No.: 51 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | 5 | Cellulose | 95 |

| | | | | |
|-------------------------|---|--|-------------|-------------------------------|
| Lab No.: 3981288 | Description / Location: Grey/Brown Sheetrock | | | |
| Client No.: 52 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | 5 | Cellulose | 95 |

| | | | | |
|-------------------------|---|--|-------------|-------------------------------|
| Lab No.: 3981289 | Description / Location: Grey/Brown Sheetrock | | | |
| Client No.: 53 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | 5 | Cellulose | 95 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: R. Shumate

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981290 Description / Location: Grey/Brown Sheetrock
Client No.: 54

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|-------------|-------------------------------|
| None Detected | None Detected | 10 | Cellulose | 90 |

Lab No.: 3981291 Description / Location: Grey/Brown Sheetrock
Client No.: 55

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|-------------|-------------------------------|
| None Detected | None Detected | 5 | Cellulose | 95 |

Lab No.: 3981292 Description / Location: Grey/Brown Sheetrock
Client No.: 56

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|-------------|-------------------------------|
| None Detected | None Detected | 10 | Cellulose | 90 |

Lab No.: 3981293 Description / Location: Off-White Cementitious
Client No.: 57

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|-------------|-------------------------------|
| None Detected | None Detected | Trace | Cellulose | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: L. Solebello

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

| | | | | |
|-------------------------|--|--|---------------|-------------------------------|
| Lab No.: 3981294 | Description / Location: Tan/White Sheetrock | | | |
| Client No.: 58 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | 60 | Cellulose | 40 |
| | | Trace | Fibrous Glass | |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981294 | Description / Location: White Joint Compound | | | Layer No.: 2 |
| Client No.: 58 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

| | | | | |
|-------------------------|--|--|---------------|-------------------------------|
| Lab No.: 3981295 | Description / Location: Tan/White Sheetrock | | | |
| Client No.: 59 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | 50 | Cellulose | 50 |
| | | Trace | Fibrous Glass | |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981295 | Description / Location: White Joint Compound | | | Layer No.: 2 |
| Client No.: 59 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: L. Solebello

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

| | | | | |
|-------------------------|--|--|---------------|-------------------------------|
| Lab No.: 3981296 | Description / Location: Tan/White Sheetrock | | | |
| Client No.: 60 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | 50 | Cellulose | 50 |
| | | Trace | Fibrous Glass | |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981296 | Description / Location: White Joint Compound | | | Layer No.: 2 |
| Client No.: 60 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981297 | Description / Location: Tan Ceiling Tile | | | |
| Client No.: 61 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | 35 | Cellulose | 30 |
| | | 35 | Fibrous Glass | |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981298 | Description / Location: Tan Ceiling Tile | | | |
| Client No.: 62 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | 35 | Cellulose | 30 |
| | | 35 | Fibrous Glass | |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: L. Solebello

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981299 **Description / Location:** White/Tan Ceiling Tile
Client No.: 63

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 35 | Cellulose | 30 |
| | | 35 | Fibrous Glass | |

Lab No.: 3981300 **Description / Location:** Grey Cove Base
Client No.: 64

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981300 **Description / Location:** Yellow Mastic **Layer No.:** 2
Client No.: 64

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: L. Solebello

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981301 | Description / Location: Grey Cove Base | | | |
| Client No.: 65 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

| | | | | |
|-------------------------|--|--|---------------|-------------------------------|
| Lab No.: 3981301 | Description / Location: Yellow Mastic | | | Layer No.: 2 |
| Client No.: 65 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

| | | | | |
|-------------------------|--|--|---------------|-------------------------------|
| Lab No.: 3981302 | Description / Location: Tan Glazing | | | |
| Client No.: 66 | Window | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| PC 1.4 | Chrysotile | None Detected | None Detected | PC 98.6 |

| | | | | |
|-------------------------|--|--|---------------|-------------------------------|
| Lab No.: 3981303 | Description / Location: Tan Glazing | | | |
| Client No.: 67 | Window | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| PC 1.2 | Chrysotile | None Detected | None Detected | PC 98.8 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. This report shall not be reproduced except in full, without written approval of the laboratory.

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: L. Solebello

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: HI10002-14

BULK SAMPLE ANALYSIS SUMMARY

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981304 | Description / Location: Tan Glazing Window | | | |
| Client No.: 68 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| PC 1.3 | Chrysotile | None Detected | None Detected | PC 98.7 |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981305 | Description / Location: White/Tan Ceiling Tile | | | |
| Client No.: 69 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | 35 | Cellulose | 30 |
| | | 35 | Fibrous Glass | |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981306 | Description / Location: White/Tan Ceiling Tile | | | |
| Client No.: 70 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | 35 | Cellulose | 30 |
| | | 35 | Fibrous Glass | |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3981307 | Description / Location: White/Tan Ceiling Tile | | | |
| Client No.: 71 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | 35 | Cellulose | 30 |
| | | 35 | Fibrous Glass | |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. This report shall not be reproduced except in full, without written approval of the laboratory.

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: L. Solebello

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981308 Description / Location: Off-White Glazing
Client No.: 72 Window

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|---------------|-------------------------------|
| PC Trace | Chrysotile | None Detected | None Detected | 100 |

Lab No.: 3981309 Description / Location: Off-White Glazing
Client No.: 73 Window

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|---------------|-------------------------------|
| PC 1.1 | Chrysotile | None Detected | None Detected | PC 98.9 |

Lab No.: 3981310 Description / Location: White Glazing
Client No.: 74 Window

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|---------------|-------------------------------|
| PC 0.25 | Chrysotile | None Detected | None Detected | PC 99.75 |

Lab No.: 3981311 Description / Location: White Joint Compound
Client No.: 75

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: L. Solebello

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Haisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: HI0002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981312 **Description / Location:** White/Tan Sheetrock
Client No.: 76

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|-------------|-------------------------------|
| None Detected | None Detected | 30 | Cellulose | 70 |

Lab No.: 3981312 **Description / Location:** White Joint Compound **Layer No.:** 2
Client No.: 76

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981313 **Description / Location:** White Joint Compound
Client No.: 77

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: L. Solcibello

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981314 **Description / Location:** Off-White/Tan Sheetrock
Client No.: 78

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|-------------|-------------------------------|
| None Detected | None Detected | 30 | Cellulose | 70 |

Lab No.: 3981314 **Description / Location:** White Joint Compound **Layer No.:** 2
Client No.: 78

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981315 **Description / Location:** Off-White/Tan Sheetrock
Client No.: 79

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 30 | Cellulose | 70 |
| | | Trace | Fibrous Glass | |

Lab No.: 3981315 **Description / Location:** White Joint Compound **Layer No.:** 2
Client No.: 79

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: L. Solebello**Date:** 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heislcy Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981316 **Description / Location:** Off-White/Tan Sheetrock
Client No.: 80

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 20 | Cellulose | 80 |
| | | Trace | Fibrous Glass | |

Lab No.: 3981316 **Description / Location:** White Joint Compound **Layer No.:** 2
Client No.: 80

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3981317 **Description / Location:** Off-White/Tan Sheetrock
Client No.: 81

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 50 | Cellulose | 50 |
| | | Trace | Fibrous Glass | |

Lab No.: 3981317 **Description / Location:** White Joint Compound **Layer No.:** 2
Client No.: 81

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: L. Solebello

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3981318 Description / Location: Lt. Tan Glazing Window
Client No.: 82
% Asbestos Type % Non-Asbestos Fibrous Material Type % Non-Fibrous Material
PC 1.6 Chrysotile None Detected None Detected PC 98.4

Lab No.: 3981319 Description / Location: Lt. Tan Glazing Window
Client No.: 83
% Asbestos Type % Non-Asbestos Fibrous Material Type % Non-Fibrous Material
PC 1.4 Chrysotile None Detected None Detected PC 98.6

Lab No.: 3981320 Description / Location: Lt. Tan Glazing Window
Client No.: 84
% Asbestos Type % Non-Asbestos Fibrous Material Type % Non-Fibrous Material
PC 1.2 Chrysotile None Detected None Detected PC 98.8

Lab No.: 3981321 Description / Location: White Glazing Window
Client No.: 85
% Asbestos Type % Non-Asbestos Fibrous Material Type % Non-Fibrous Material
PC 0.5 Chrysotile None Detected None Detected PC 99.5

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: L. Solebello

Date: 6/10/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT Stripmatic Product, Inc.
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

| | | | |
|-------------------------|---|--|---|
| Lab No.: 3981322 | Description / Location: White Glazing Window | | |
| Client No.: 86 | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> |
| PC 0.25 | Chrysotile | None Detected | None Detected |
| | | | <u>% Non-Fibrous Material</u> PC 99.75 |

| | | | |
|-------------------------|---|--|--|
| Lab No.: 3981323 | Description / Location: White Glazing Window | | |
| Client No.: 87 | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> |
| PC 0.5 | Chrysotile | None Detected | None Detected |
| | | | <u>% Non-Fibrous Material</u> PC 99.5 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. This report shall not be reproduced except in full, without written approval of the laboratory.

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: L. Solebello

Date: 6/10/2010



Chain of Custody / Sample Log

Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: HZW Environmental Consultants, LLC
6105 Heisley Road
Mentor, Ohio 44060

Project Name: ODOT (STRIPMATIC Product, Inc.)
Project No.: H10002-14

Office Phone: 440-357-1260
Cell Phone: _____
FAX / Email 1: 440-357-1510

Contact 1: Joan Sablar
Contact 2: _____
FAX / Email 2: JSablar@hzwenv.com

Special Instructions: PO# 5353-10

Matrix:

| | | | |
|--------------------------------|--------------------------------|--|--------------------------------|
| <input type="checkbox"/> Air | <input type="checkbox"/> Soil | <input checked="" type="checkbox"/> Bulk | <input type="checkbox"/> Other |
| <input type="checkbox"/> Water | <input type="checkbox"/> Paint | <input type="checkbox"/> Surface Dust / Wipe | |

Analysis Method:

PLM : Bulk Asbestos Building Materials EPA 600 / R 93-116

| | |
|---|--|
| <input type="checkbox"/> PLM : Point Counting | <input type="checkbox"/> PLM : Analyze Until Positive (Positive Stop) |
| <input type="checkbox"/> PC : via ELAP 198.1 | <input type="checkbox"/> AUP : by Homogenous Area as Noted |
| <input type="checkbox"/> PC : 400 Points | <input type="checkbox"/> AUP : by Material Type as Noted |
| <input type="checkbox"/> PC : 800 Points * | |
| <input type="checkbox"/> PC : other _____ Points * | <input type="checkbox"/> PLM : Non-Building Material *, **(Dust, Wipe, Tape, Soil) |
| | <input type="checkbox"/> Soil or Vermiculite Analysis *, ** |
| <input type="checkbox"/> PLM : Gravimetric Reduction | <input type="checkbox"/> PLM: Instructions for Multi-Layered Samples |
| <input type="checkbox"/> PLM : NOB via 198.6 | <input type="checkbox"/> Analyze and Report All Separable Layers per EPA 600 |
| <input type="checkbox"/> PLM : Friable via EPA 600 2.3 | <input type="checkbox"/> Report Composite for Drywall Systems per NESHAP |
| <input type="checkbox"/> If <1% by PLM, to TEM via 198.4 * | <input type="checkbox"/> Report All Layers and Composite Where Applicable |
| <input type="checkbox"/> If <1% by PLM, Hold for Instructions | <input type="checkbox"/> Only Analyze and Report Specifically Noted Layer |

* Additional charge and turnaround may be required. ** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory.

Turnaround Time: Preliminary Results Requested By... _____ Verbals FAX Email

date / time

10 Day 5 Day 3 Day 2 Day 1 Day* 12 Hour** 6 Hour** RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. Please notify the lab before shipping.

Sample Numbers:

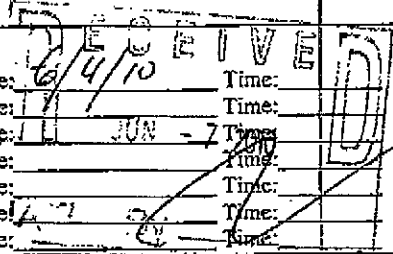
Client #(s): 01 - 87 iATL#(s): _____ Total: _____

(start) (end) (start) (end)

Please use your sample log to supply sampling information (ex. Volumes, areas, descriptions, locations, etc.) or download forms at iatl.com

Chain of Custody:

| | |
|--|---------------------------------------|
| Relinquished (Name / Organization): <u>[Signature]</u> | Date: <u>6/4/10</u> Time: _____ |
| Received (Name / IATL): _____ | Date: _____ Time: _____ |
| Sample Login (Name / IATL): <u>[Signature]</u> | Date: <u>JUN - 7 2010</u> Time: _____ |
| Sample Prep (Name / IATL): <u>[Signature]</u> | Date: _____ Time: _____ |
| Analysis (Name(s) / IATL): <u>[Signature]</u> | Date: _____ Time: _____ |
| QA/QC Review (Name / IATL): _____ | Date: _____ Time: _____ |
| Archived / Released: _____ | Date: _____ Time: _____ |
| QA/QC InterLAB Use: _____ | Date: _____ Time: _____ |





Chain of Custody / Sample Log Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: HZW Environmental Consultants, LLC
6105 Heisley Road Mentor, Oh 44060

Project Name: ODOT (STRIPMATIC products, Inc.)
Project No.: H10002-14

6/10/10

| Client Sample ID: | IATL Sample ID: | Sample Description / Location | Notes |
|-------------------|-----------------|-------------------------------|-------|
| 01 | 3981237 | CT | |
| 02 | 3981238 | | |
| 03 | 3981239 | | |
| 04 | 3981240 | Drywall System | |
| 05 | 3981241 | | |
| 06 | 3981242 | | |
| 07 | 3981243 | | |
| 08 | 3981244 | | |
| 09 | 3981245 | | |
| 10 | 3981246 | | |
| 11 | 3981247 | COVER BASE | |
| 12 | 3981248 | | |
| 13 | 3981249 | FT | |
| 14 | 3981250 | | |
| 15 | 3981251 | COVER BASE | |
| 16 | 3981252 | | |
| 17 | 3981253 | CARPET MATING | |
| 18 | 3981254 | | |
| 19 | 3981255 | STAIR COVERING | |
| 20 | 3981256 | | |
| 21 | 3981257 | Slate Bottom Covering | |
| 22 | 3981258 | | |
| 23 | 3981259 | FT | |
| 24 | 3981260 | | |
| 25 | 3981261 | FT | |
| 26 | 3981262 | | |
| 27 | 3981263 | STAIR Tread covering | |
| 28 | 3981264 | | |

Please Make Additional Copies As Needed





Chain of Custody / Sample Log Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: HzW Environmental Consultants, LLC
6105 Heisley Road Mentor, Oh 44060

Project Name: ODOT (STRIPPAK products, Inc.)
Project No.: H1, COW 2-14

6/10/10
 28
 V

| Client Sample ID: | iATL Sample ID: | Sample Description / Location | Notes |
|-------------------|-----------------|-------------------------------|-------|
| 29 | 3981265 | CORR BASE | |
| 30 | 3981266 | | |
| 31 | 3981267 | | |
| 32 | 3981268 | CORR BASE | |
| 33 | 3981269 | | |
| 34 | 3981270 | CORR BASE | |
| 35 | 3981271 | | |
| 36 | 3981272 | SOIL BOTTOM CURBING | |
| 37 | 3981273 | | |
| 38 | 3981274 | CONCRETE CURBING | |
| 39 | 3981275 | | |
| 40 | 3981276 | DRY WALL SYSTEM | |
| 41 | 3981277 | | |
| 42 | 3981278 | | |
| 43 | 3981279 | RT | |
| 44 | 3981280 | | |
| 45 | 3981281 | DRY WALL SYSTEMS | |
| 46 | 3981282 | | |
| 47 | 3981283 | | |
| 48 | 3981284 | WINDOW GLAZING | |
| 49 | 3981285 | | |
| 50 | 3981286 | | |
| 51 | 3981287 | WHITE BOARD DECKING | |
| 52 | 3981288 | | |
| 53 | 3981289 | | |
| 54 | 3981290 | | |
| 55 | 3981291 | | |
| 56 | 3981292 | | |

END Please Make Additional Copies As Needed





Chain of Custody / Sample Log Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: HZW Environmental Consultants, LLC
6105 Heistey Road Mentor, Oh 44060

Project Name: ODOT (STRIPMAK PROBAB, Inc.)
Project No.: _____

| Client Sample ID: | IATL Sample ID: | Sample Description / Location | Notes |
|-------------------|-----------------|------------------------------------|----------------|
| 57 | 3981293 | White Board Area Pugmill System | |
| 58 | 3981294 | | |
| 59 | 3981295 | } | |
| 60 | 3981296 | | |
| 61 | 3981297 | CT | |
| 62 | 3981298 | } | |
| 63 | 3981299 | | |
| 64 | 3981300 | CURE BANK | |
| 65 | 3981301 | } | |
| 66 | 3981302 | | Woolen Blowing |
| 67 | 3981303 | } | |
| 68 | 3981304 | | |
| 69 | 3981305 | CT | |
| 70 | 3981306 | | |
| 71 | 3981307 | } | |
| 72 | 3981308 | | |
| 73 | 3981309 | Woolen Blowing | |
| 74 | 3981310 | } | |
| 75 | 3981311 | | Pugmill system |
| 76 | 3981312 | } | |
| 77 | 3981313 | | |
| 78 | 3981314 | } | |
| 79 | 3981315 | | |
| 80 | 3981316 | } | |
| 81 | 3981317 | | |
| 82 | 3981318 | Woolen Blowing | |
| 83 | 3981319 | | |
| 84 | 3981320 | } | |

Please Make Additional Copies As Needed

256/10/10





Chain of Custody / Sample Log

Bulk Asbestos

9000 Commerce Parkway
 Suite B
 Mt. Laurel, NJ 08054
 Toll Free: 877 428-4285
 info@iatl.com
 www.iatl.com

Client: HzW Environmental Consultants, LLC
6105 Heisley Road Mentor, Oh 44060

Project Name: ODOT (STRIPMATE product, Inc.)
Project No.: 211022-14

| Client Sample ID: | iATL Sample ID: | Sample Description / Location | Notes |
|-------------------|-----------------|-------------------------------|-------|
| 85 | 3981321 | | |
| 86 | 3981322 | Carlow 6/2/14 | |
| 87 | 3981323 | | |
| | | US 6/10/14 | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Please Make Additional Copies As Needed



Page ___ of ___



Chain of Custody / Sample Log Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877-428-4285
info@iatl.com
www.iatl.com

Client: H2W Environmental Consultants, LLC
6105 Heisley Road
Mentor, Ohio 44060

Project Name: ODOT (STRIPMATIC Product, Inc.)
Project No.: H10002-14

Office Phone: 440-357-1260
Cell Phone: _____
FAX / Email 1: 440-357-1510

Contact 1: Joan Sablar
Contact 2: _____
FAX / Email 2: JSablar@hzwenv.com

Special Instructions: PO# 5353-10

Matrix:

Air Soil Bulk Other
 Water Paint Surface Dust / Wipe

Analysis Method:

PLM : Bulk Asbestos Building Materials EPA 600 / R 93-116

PLM : Point Counting
 PC : via ELAP 198.1
 PC : 400 Points
 PC : 800 Points *
 PC : other _____ Points *

PLM : Gravimetric Reduction
 PLM : NOB via 198.6
 PLM : Friable via EPA 600 2.3
 If <1% by PLM, to TEM via 198.4 *
 If <1% by PLM, Hold for instructions

PLM : Analyze Until Positive (Positive Stop)
 AUP : by Homogenous Area as Noted
 AUP : by Material Type as Noted

PLM : Non-Building Material *, **(Dust, Wipe, Tape, Soil)
 Soil or Vermiculite Analysis *, **

PLM: Instructions for Multi-Layered Samples
 Analyze and Report All Separable Layers per EPA 600
 Report Composite for Drywall Systems per NESHAP
 Report All Layers and Composite Where Applicable
 Only Analyze and Report Specifically Noted Layer

* Additional charge and turnaround may be required. ** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory.

Turnaround Time: Preliminary Results Requested By... _____ Verbal FAX Email

date / time

10 Day 5 Day 3 Day 2 Day 1 Day* 12 Hour** 6 Hour** RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. Please notify the lab before shipping.

Sample Numbers: Client #(s): 01 - 87 iATL#(s): _____ Total: _____

(start) (end) (start) (end)

Please use your sample log to supply sampling information (ex. Volumes, areas, descriptions, locations, etc.) or download forms at iatl.com

Chain of Custody:

Relinquished (Name / Organization): Mentor

Received (Name / iATL): _____

Sample Login (Name / iATL): 6/18/10

Sample Prep (Name / iATL): _____

Analysis (Name(s) / iATL): 6/10/10 / LS 6/10/10

QA/QC Review (Name / iATL): _____

Archived / Released: _____ QA/QC InterLAB Use: _____

RECEIVED

Date: 6/4/10 Time: _____

Date: _____ Time: _____

Date: JUN - 7 2010 Time: _____

Date: _____ Time: _____

Date: _____ Time: _____

Date: _____ Time: _____

TIG Welding

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/11/2010
Project: ODOT (TIG Welding)
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

| | | | | |
|-------------------------|---|--|-------------|-------------------------------|
| Lab No.: 3982869 | Description / Location: Yellow/Lt. Tan Plaster Ceiling | | | |
| Client No.: 01 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| PC 1.2 | Chrysotile | Trace | Hair | PC 98.8 |

| | | | | |
|-------------------------|---|--|-------------|-------------------------------|
| Lab No.: 3982870 | Description / Location: Yellow/Lt. Tan Plaster Ceiling | | | |
| Client No.: 02 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| PC 1.3 | Chrysotile | Trace | Hair | PC 98.7 |

| | | | | |
|-------------------------|---|--|-------------|-------------------------------|
| Lab No.: 3982871 | Description / Location: Yellow/Lt. Tan Plaster Ceiling | | | |
| Client No.: 03 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| PC 1.2 | Chrysotile | Trace | Hair | PC 98.8 |

| | | | | |
|-------------------------|---|--|-------------|-------------------------------|
| Lab No.: 3982872 | Description / Location: Lt. Tan Plaster Wall | | | |
| Client No.: 04 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| PC 1.6 | Chrysotile | 1 | Hair | PC 97.4 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. This report shall not be reproduced except in full, without written approval of the laboratory.

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantization. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: M. Mirza

Approved By: _____

Date: 6/11/2010

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/11/2010
Project: ODOT (TIG Welding)
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

| | | | | |
|-------------------|---|--|-------------|-------------------------------|
| Lab No.: 3982873 | Description / Location: Lt. Tan Plaster | | | |
| Client No.: 05 | Wall | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| PC 1.4 | Chrysotile | 1 | Hair | PC 97.6 |

| | | | | |
|-------------------|---|--|-------------|-------------------------------|
| Lab No.: 3982874 | Description / Location: Lt. Tan Plaster | | | |
| Client No.: 06 | Wall | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| PC 1.5 | Chrysotile | 1 | Hair | PC 97.5 |

| | | | | |
|-------------------|--|--|-------------|-------------------------------|
| Lab No.: 3982875 | Description / Location: Yellow/Lt. Tan Plaster | | | |
| Client No.: 07 | Ceiling | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| PC 1.8 | Chrysotile | 1 | Hair | PC 97.2 |

| | | | | |
|-------------------|--|--|-------------|-------------------------------|
| Lab No.: 3982876 | Description / Location: Yellow/Lt. Tan Plaster | | | |
| Client No.: 08 | Ceiling | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| PC 1.6 | Chrysotile | 1 | Hair | PC 97.4 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantification. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: M. Mirza

Date: 6/11/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/11/2010
Project: ODOT (TIG Welding)
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3982877 **Description / Location:** Yellow/Lt. Tan Plaster Ceiling
Client No.: 09

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|-------------|-------------------------------|
| PC 1.5 | Chrysotile | 1 | Hair | PC 97.5 |

Lab No.: 3982878 **Description / Location:** Lt. Tan Plaster Wall
Client No.: 10

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|-------------|-------------------------------|
| PC 1.8 | Chrysotile | 1 | Hair | PC 97.2 |

Lab No.: 3982879 **Description / Location:** Lt. Tan Plaster Wall
Client No.: 11

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|-------------|-------------------------------|
| PC 1.6 | Chrysotile | 1 | Hair | PC 97.4 |

Lab No.: 3982880 **Description / Location:** Lt. Tan Plaster Wall
Client No.: 12

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|-------------|-------------------------------|
| PC 2.1 | Chrysotile | 1 | Hair | PC 96.9 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. This report shall not be reproduced except in full, without written approval of the laboratory.

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantization. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: M. Mirza

Date: 6/11/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/11/2010
Project: ODOT (TIG Welding)
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3982881 **Description / Location:** White/Tan Ceiling Tile
Client No.: 13

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|-------------|-------------------------------|
| None Detected | None Detected | 98 | Cellulose | 2 |

Lab No.: 3982882 **Description / Location:** White/Tan Ceiling Tile
Client No.: 14

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|-------------|-------------------------------|
| None Detected | None Detected | 98 | Cellulose | 2 |

Lab No.: 3982883 **Description / Location:** White/Tan Ceiling Tile
Client No.: 15

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|-------------|-------------------------------|
| None Detected | None Detected | 98 | Cellulose | 2 |

Lab No.: 3982884 **Description / Location:** White/Lt. Tan Ceiling Tile
Client No.: 16

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|--------------|-------------------------------|
| None Detected | None Detected | 50 | Cellulose | 40 |
| | | 10 | Mineral Wool | |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. This report shall not be reproduced except in full, without written approval of the laboratory.

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: M. Mirza

Date: 6/11/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/11/2010
Project: ODOT (TIG Welding)
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3982885 **Description / Location:** White/Lt. Tan Ceiling Tile
Client No.: 17

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|--------------|-------------------------------|
| None Detected | None Detected | 50 | Cellulose | 40 |
| | | 10 | Mineral Wool | |

Lab No.: 3982886 **Description / Location:** White/Lt. Tan Ceiling Tile
Client No.: 18

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|--------------|-------------------------------|
| None Detected | None Detected | 50 | Cellulose | 40 |
| | | 10 | Mineral Wool | |

Lab No.: 3982887 **Description / Location:** Tan/Off-White Sheetrock
Client No.: 19

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|-------------|-------------------------------|
| None Detected | None Detected | 5 | Cellulose | 95 |

Lab No.: 3982887 **Description / Location:** White Texture Plaster **Layer No.:** 2
Client No.: 19

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed, Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: M. Mirza

Date: 6/11/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/11/2010
Project: ODOT (TIG Welding)
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3982888 **Description / Location:** Tan/Off-White Sheetrock
Client No.: 20

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|-------------|-------------------------------|
| None Detected | None Detected | 5 | Cellulose | 95 |

Lab No.: 3982888 **Description / Location:** White Texture Plaster **Layer No.:** 2
Client No.: 20

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3982889 **Description / Location:** Tan/Off-White Sheetrock
Client No.: 21

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|-------------|-------------------------------|
| None Detected | None Detected | 5 | Cellulose | 95 |

Lab No.: 3982889 **Description / Location:** White Texture Plaster **Layer No.:** 2
Client No.: 21

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0**NY-DOH No. 11021****AIHA Lab No. 100188**

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: M. Mirza**Date:** 6/11/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/11/2010
Project: ODOT (TIG Welding)
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3982890 **Description / Location:** Grey Window Glazing
Client No.: 22

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|---------------|-------------------------------|
| PC 0.3 | Chrysotile | 1 | Fibrous Glass | PC 98.7 |

Lab No.: 3982891 **Description / Location:** Grey Window Glazing
Client No.: 23

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|---------------|-------------------------------|
| PC Trace | Chrysotile | 1 | Fibrous Glass | 99 |

Lab No.: 3982892 **Description / Location:** Grey Window Glazing
Client No.: 24

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|---------------|-------------------------------|
| PC 0.3 | Chrysotile | 1 | Fibrous Glass | PC 98.7 |

Lab No.: 3982893 **Description / Location:** Black Roof Material
Client No.: 25

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|-------------|-------------------------------|
| PC Trace | Chrysotile | 10 | Cellulose | 90 |

NIST-NVLAP No. 101165-0**NY-DOH No. 11021****AIHA Lab No. 100188**

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: M. Mirza**Date:** 6/11/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/11/2010
Project: ODOT (TIG Welding)
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3982894 **Description / Location:** Black Roof Material

Client No.: 26

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|-------------|-------------------------------|
| PC Trace | Chrysotile | 10 | Cellulose | 90 |

Lab No.: 3982895 **Description / Location:** Black Roof Material

Client No.: 27

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|-------------|-------------------------------|
| PC Trace | Chrysotile | 20 | Cellulose | 80 |

Lab No.: 3982896 **Description / Location:** Black Roof Material

Client No.: 28

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|-------------|--|-------------|-------------------------------|
| PC Trace | Chrysotile | 20 | Cellulose | 80 |

Lab No.: 3982897 **Description / Location:** Pink Window Glazing

Client No.: 29

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. This report shall not be reproduced except in full, without written approval of the laboratory.

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: M. Mirza

Date: 6/11/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/11/2010
Project: ODOT (TIG Welding)
Project No.: HI10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3982898 Description / Location: Pink Window Glazing

Client No.: 30

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3982899 Description / Location: Pink Window Glazing

Client No.: 31

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: M. Mirza

Date: 6/11/2010



Chain of Custody / Sample Log Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: HZW Environmental Consultants, LLC
6105 Heisley Road
Mentor, Ohio 44060

Project Name: ODOT (TIG Welding)
Project No.: H10002-14

Office Phone: 440-357-1260
Cell Phone: _____
FAX / Email 1: 440-357-1510

Contact 1: Joan Sablar
Contact 2: _____
FAX / Email 2: JSablar@hzwenv.com

Special Instructions: PO# 5353-10

Matrix:

| | | | |
|--------------------------------|--------------------------------|--|--------------------------------|
| <input type="checkbox"/> Air | <input type="checkbox"/> Soil | <input checked="" type="checkbox"/> Bulk | <input type="checkbox"/> Other |
| <input type="checkbox"/> Water | <input type="checkbox"/> Paint | <input type="checkbox"/> Surface Dust / Wipe | |

Analysis Method:

PLM : Bulk Asbestos Building Materials EPA 600 / R 93-116

PLM : Point Counting

| | |
|--|---|
| <input type="checkbox"/> PC : via ELAP 198.1 | <input type="checkbox"/> PLM : Analyze Until Positive (Positive Stop) |
| <input type="checkbox"/> PC : 400 Points | <input type="checkbox"/> AUP : by Homogenous Area as Noted |
| <input type="checkbox"/> PC : 800 Points * | <input type="checkbox"/> AUP : by Material Type as Noted |
| <input type="checkbox"/> PC : other _____ Points * | <input type="checkbox"/> PLM : Non-Building Material *, ** (Dust, Wipe, Tape, Soil) |
| | <input type="checkbox"/> Soil or Vermiculite Analysis *, ** |

PLM : Gravimetric Reduction

| | |
|---|--|
| <input type="checkbox"/> PLM : NOB via 198.6 | <input type="checkbox"/> PLM: Instructions for Multi-Layered Samples |
| <input type="checkbox"/> PLM : Friable via EPA 600 2.3 | <input type="checkbox"/> Analyze and Report All Separable Layers per EPA 600 |
| <input type="checkbox"/> If <1% by PLM, to TEM via 198.4 * | <input type="checkbox"/> Report Composite for Drywall Systems per NESHAP |
| <input type="checkbox"/> If <1% by PLM, Hold for Instructions | <input type="checkbox"/> Report All Layers and Composite Where Applicable |
| | <input type="checkbox"/> Only Analyze and Report Specifically Noted Layer |

* Additional charge and turnaround may be required. ** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory.

Turnaround Time: Preliminary Results Requested By _____ Verbals FAX Email

_____ date / time

10 Day 5 Day 3 Day 2 Day 1 Day* 12 Hour** 6 Hour** RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. Please notify the lab before shipping.

Sample Numbers:

Client #(s): 01 - 31 iATL#(s): _____ Total: _____

(start) (end) (start) (end)

Please use your sample log to supply sampling information (ex: Volumes, areas, descriptions, locations, etc.) or download forms at iatl.com

Chain of Custody:

| | |
|--|---|
| Relinquished (Name / Organization): <u>Mentor Dept</u> | Date: <u>6/1/10</u> Time: <u>12:00</u> |
| Received (Name / iATL): _____ | Date: _____ Time: _____ |
| Sample Login (Name / iATL): <u>ADA 619110</u> | Date: _____ Time: _____ |
| Sample Prep (Name / iATL): _____ | Date: _____ Time: _____ |
| Analysis (Name(s) / iATL): <u>MM</u> | Date: <u>JUN - 3</u> Time: <u>11:00</u> |
| QA/QC Review (Name / iATL): _____ | Date: _____ Time: _____ |
| Archived / Released: _____ | Date: _____ Time: _____ |
| QA/QC InterLAB Use: _____ | Date: _____ Time: _____ |



Chain of Custody / Sample Log Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: H2W Environmental Consultants, LLC
6105 Hensley Road Mentor, Oh 44060

Project Name: ODOT (TIG Welding)
Project No.: H10002-14

| Client Sample ID: | IATL Sample ID: | Sample Description / Location | Notes |
|-------------------|-----------------|-------------------------------|-------|
| 01 | 3982869 | Ceiling Plaster | |
| 02 | 3982870 | | |
| 03 | 3982871 | | |
| 04 | 3982872 | Wall plaster | |
| 05 | 3982873 | | |
| 06 | 3982874 | | |
| 07 | 3982875 | Ceiling Plaster | |
| 08 | 3982876 | | |
| 09 | 3982877 | | |
| 10 | 3982878 | Wall plaster | |
| 11 | 3982879 | | |
| 12 | 3982880 | | |
| 13 | 3982881 | CT | |
| 14 | 3982882 | | |
| 15 | 3982883 | | |
| 16 | 3982884 | CT | |
| 17 | 3982885 | | |
| 18 | 3982886 | | |
| 19 | 3982887 | Textured Drywall | |
| 20 | 3982888 | | |
| 21 | 3982889 | | |
| 22 | 3982890 | Window Glass | |
| 23 | 3982891 | | |
| 24 | 3982892 | | |
| 25 | 3982893 | Raw Fib | |
| 26 | 3982894 | | |
| 27 | 3982895 | Raw Fib | |
| 28 | 3982896 | | |

Please Make Additional Copies As Needed





Chain of Custody / Sample Log

Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: HzW Environmental Consultants, LLC
6105 Heisley Road Mentor, Oh 44060

Project Name: CDOT (TIG Building)
Project No.: H 10602-14

| Client Sample ID: | iATL Sample ID: | Sample Description / Location | Notes |
|-------------------|-----------------|-------------------------------|-------|
| <i>29</i> | <i>3982897</i> | <i>Backend Glazing</i> | |
| <i>30</i> | <i>3982898</i> | <i>/</i> | |
| <i>31</i> | <i>3982899</i> | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Please Make Additional Copies As Needed



River Dock, Inc.



International Asbestos
Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT (River Dock)
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3982838 **Description / Location:** White/Tan Ceiling Tile
Client No.: 01

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 35 | Cellulose | 30 |
| | | 35 | Fibrous Glass | |

Lab No.: 3982839 **Description / Location:** White/Tan Ceiling Tile
Client No.: 02

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 35 | Cellulose | 30 |
| | | 35 | Fibrous Glass | |

Lab No.: 3982840 **Description / Location:** White/Tan Ceiling Tile
Client No.: 03

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | 35 | Cellulose | 30 |
| | | 35 | Fibrous Glass | |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. This report shall not be reproduced except in full, without written approval of the laboratory.

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: L. Solebello

Approved By:

Date: 6/10/2010

Frank E. Ehrenfeld, III
Laboratory Director



**International Asbestos
Testing Laboratories**

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

| | | | |
|----------------|---|---------------------|-------------------|
| Client: | HZW Environmental Consultants 6105 Heisley Rd Mentor OH 44060 | Report Date: | 6/10/2010 |
| | | Project: | ODOT (River Dock) |
| | | Project No.: | H10002-14 |

BULK SAMPLE ANALYSIS SUMMARY

| | | | | |
|--------------------|---------------|--|---------------------|-------------------------------|
| Lab No.: | 3982841 | Description / Location: | White/Tan Sheetrock | |
| Client No.: | 04 | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | 12 | Cellulose | 88 |

| | | | | | |
|--------------------|---------------|--|----------------------|-------------------------------|---------------------|
| Lab No.: | 3982841 | Description / Location: | White Joint Compound | | Layer No.: 2 |
| Client No.: | 04 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> | |
| None Detected | None Detected | None Detected | None Detected | 100 | |

| | | | | |
|--------------------|---------------|--|---------------------|-------------------------------|
| Lab No.: | 3982842 | Description / Location: | White/Tan Sheetrock | |
| Client No.: | 05 | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | 12 | Cellulose | 88 |

| | | | | | |
|--------------------|---------------|--|----------------------|-------------------------------|---------------------|
| Lab No.: | 3982842 | Description / Location: | White Joint Compound | | Layer No.: 2 |
| Client No.: | 05 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> | |
| None Detected | None Detected | None Detected | None Detected | 100 | |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: L. Solebello

Date: 6/10/2010



CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT (River Dock)
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

| | | | | |
|-------------------------|--|--|-------------|-------------------------------|
| Lab No.: 3982843 | Description / Location: White/Tan Sheetrock | | | |
| Client No.: 06 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | 15 | Cellulose | 85 |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3982843 | Description / Location: White Joint Compound | | | Layer No.: 2 |
| Client No.: 06 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3982844 | Description / Location: Off-White Floor Tile | | | |
| Client No.: 07 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3982845 | Description / Location: Off-White Floor Tile | | | |
| Client No.: 08 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government.
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: L. Solebello

Date: 6/10/2010



CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT (River Dock)
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

| | | | | |
|-------------------------|--|--|---------------|-------------------------------|
| Lab No.: 3982846 | Description / Location: Black Cove Base | | | |
| Client No.: 09 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

| | | | | |
|-------------------------|--|--|---------------|-------------------------------|
| Lab No.: 3982846 | Description / Location: Yellow Mastic | | | Layer No.: 2 |
| Client No.: 09 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

| | | | | |
|-------------------------|--|--|---------------|-------------------------------|
| Lab No.: 3982847 | Description / Location: Black Cove Base | | | |
| Client No.: 10 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

| | | | | |
|-------------------------|--|--|---------------|-------------------------------|
| Lab No.: 3982847 | Description / Location: Yellow Mastic | | | Layer No.: 2 |
| Client No.: 10 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government.
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: L. Solebello

Date: 6/10/2010



CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/10/2010
Project: ODOT (River Dock)
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3982848 | Description / Location: Lt. Tan Floor Tile | | | |
| Client No.: 11 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

| | | | | |
|-------------------------|--|--|---------------|-------------------------------|
| Lab No.: 3982848 | Description / Location: Yellow Mastic | | | Layer No.: 2 |
| Client No.: 11 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

| | | | | |
|-------------------------|---|--|---------------|-------------------------------|
| Lab No.: 3982849 | Description / Location: Lt. Tan Floor Tile | | | |
| Client No.: 12 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

| | | | | |
|-------------------------|--|--|---------------|-------------------------------|
| Lab No.: 3982849 | Description / Location: Yellow Mastic | | | Layer No.: 2 |
| Client No.: 12 | | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: L. Solebello

Date: 6/10/2010



Chain of Custody / Sample Log Bulk Asbestos

9000 Commerce Parkway
Suite 8
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: HZW Environmental Consultants, LLC
6105 Heisley Road
Mentor, Ohio 44060

Project Name: OPOT (RIVER DOCK)
Project No.: H10002-14

Office Phone: 440-357-1260
Cell Phone: _____
FAX / Email 1: 440-357-1510

Contact 1: Joan Sablar
Contact 2: _____
FAX / Email 2: JSablar@hzwenv.com

Special Instructions: PO # 5353-10

Matrix:

| | | | |
|--------------------------------|--------------------------------|--|--------------------------------|
| <input type="checkbox"/> Air | <input type="checkbox"/> Soil | <input checked="" type="checkbox"/> Bulk | <input type="checkbox"/> Other |
| <input type="checkbox"/> Water | <input type="checkbox"/> Paint | <input type="checkbox"/> Surface Dust / Wipe | |

Analysis Method:

PLM : Bulk Asbestos Building Materials EPA 600 / R 93-116

| | |
|---|--|
| <input type="checkbox"/> PLM : Point Counting | <input type="checkbox"/> PLM : Analyze Until Positive (Positive Stop) |
| <input type="checkbox"/> PC : via ELAP 198.1 | <input type="checkbox"/> AUP : by Homogenous Area as Noted |
| <input type="checkbox"/> PC : 400 Points | <input type="checkbox"/> AUP : by Material Type as Noted |
| <input type="checkbox"/> PC : 800 Points * | |
| <input type="checkbox"/> PC : other _____ Points * | <input type="checkbox"/> PLM : Non-Building Material *, **(Dust, Wipe, Tape, Soil) |
| | <input type="checkbox"/> Soil or Vermiculite Analysis *, ** |
| <input type="checkbox"/> PLM : Gravimetric Reduction | <input type="checkbox"/> PLM: Instructions for Multi-Layered Samples |
| <input type="checkbox"/> PLM : NOB via 198.6 | <input type="checkbox"/> Analyze and Report All Separable Layers per EPA 600 |
| <input type="checkbox"/> PLM : Friable via EPA 600 2.3 | <input type="checkbox"/> Report Composite for Drywall Systems per NESHAP |
| <input type="checkbox"/> If <1% by PLM, to TEM via 198.4 * | <input type="checkbox"/> Report All Layers and Composite Where Applicable |
| <input type="checkbox"/> If <1% by PLM, Hold for Instructions | <input type="checkbox"/> Only Analyze and Report Specifically Noted Layer |

* Additional charge and turnaround may be required. ** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory.

Turnaround Time: Preliminary Results Requested By: _____ Verbals FAX Email

_____ date / time

10 Day 5 Day 3 Day 2 Day 1 Day* 12 Hour** 6 Hour** RUSH**

* End of next business day unless otherwise specified ** Matrix Dependent. Please notify the lab before shipping.

Sample Numbers:

Client #(s): 01 - 12 iATL#(s): _____ Total: _____

(start) (end) (start) (end)

Please use your sample log to supply sampling information (ex. Volumes, areas, descriptions, locations, etc.) or download forms at iatl.com

Chain of Custody:

| | |
|--|---------------------------------------|
| Relinquished (Name / Organization): <u>[Signature]</u> | Date: <u>6/7/10</u> Time: <u>2:00</u> |
| Received (Name / iATL): _____ | Date: _____ Time: _____ |
| Sample Login (Name / iATL): <u>[Signature]</u> | Date: _____ Time: _____ |
| Sample Prep (Name / iATL): _____ | Date: _____ Time: _____ |
| Analysis (Name(s) / iATL): <u>LS</u> | Date: <u>6/8/10</u> Time: <u>1:00</u> |
| QA/QC Review (Name / iATL): _____ | Date: _____ Time: _____ |
| Archived / Released: _____ QA/QC InterLAB Use: _____ | Date: _____ Time: _____ |

Allied Corporation, Inc.



CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/15/2010
Project: ODOT Allied
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3988777 **Description / Location:** Tan Ceiling Tile
Client No.: 01

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|--------------|-------------------------------|
| None Detected | None Detected | 40 | Cellulose | 45 |
| | | 15 | Mineral Wool | |

Lab No.: 3988778 **Description / Location:** Tan Ceiling Tile
Client No.: 02

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|--------------|-------------------------------|
| None Detected | None Detected | 40 | Cellulose | 45 |
| | | 15 | Mineral Wool | |

Lab No.: 3988779 **Description / Location:** Tan Ceiling Tile
Client No.: 03

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|--------------|-------------------------------|
| None Detected | None Detected | 40 | Cellulose | 45 |
| | | 15 | Mineral Wool | |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Tasec) represents this limit of quantification. (PC-Tasec) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: S. Robb

Approved By:

Date: 6/15/2010

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/15/2010
Project: ODOT Allied
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 3988780 Description / Location: White/Tan Sheetrock
Client No.: 04

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|-------------|-------------------------------|
| None Detected | None Detected | 5 | Cellulose | 95 |

Lab No.: 3988780 Description / Location: White Wall Texture Layer No.: 2
Client No.: 04

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

Lab No.: 3988781 Description / Location: White/Tan Sheetrock
Client No.: 05

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|-------------|-------------------------------|
| None Detected | None Detected | 5 | Cellulose | 95 |

Lab No.: 3988781 Description / Location: White Wall Texture Layer No.: 2
Client No.: 05

| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> | <u>% Non-Fibrous Material</u> |
|-------------------|---------------|--|---------------|-------------------------------|
| None Detected | None Detected | None Detected | None Detected | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government.
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: S. Robb

Date: 6/15/2010

CERTIFICATE OF ANALYSIS

Client: HZW Environmental Consultants
6105 Heisley Rd.
Mentor OH 44060

Report Date: 6/15/2010
Project: ODOT Allied
Project No.: H10002-14

BULK SAMPLE ANALYSIS SUMMARY

| | | | |
|-------------------------|--|--|-------------|
| Lab No.: 3988782 | Description / Location: White/Tan Sheetrock | | |
| Client No.: 06 | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>Type</u> |
| None Detected | None Detected | 5 | Cellulose |
| | | | 95 |

| | | | |
|-------------------------|---|--|-------------------------------|
| Lab No.: 3988782 | Description / Location: White Wall Texture | | Layer No.: 2 |
| Client No.: 06 | | | |
| <u>% Asbestos</u> | <u>Type</u> | <u>% Non-Asbestos Fibrous Material</u> | <u>% Non-Fibrous Material</u> |
| None Detected | None Detected | None Detected | None Detected |
| | | | 100 |

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Qualification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: S. Robb

Date: 6/15/2010



Chain of Custody / Sample Log Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: HZW Environmental Consultants, LLC
6105 Heisley Road
Mentor, Ohio 44060

Project Name: ODOT (Allied)
Project No.: H10602-14

Office Phone: 440-357-1260
Cell Phone: _____
FAX / Email 1: 440-357-1510

Contact 1: Joan Sablar
Contact 2: _____
FAX / Email 2: JSablar@hzwenv.com

Special Instructions: PO 5353-10

Matrix:

Air Water
 Soil Paint
 Bulk Surface Dust / Wipe
 Other _____

Analysis Method:

PLM : Bulk Asbestos Building Materials EPA 600 / R 93-116

PLM : Point Counting
 PC : via ELAP 198.1
 PC : 400 Points
 PC : 800 Points *
 PC : other _____ Points *

PLM : Analyze Until Positive (Positive Stop)
 AUP : by Homogenous Area as Noted
 AUP : by Material Type as Noted

PLM : Gravimetric Reduction
 PLM : NOB via 198.6
 PLM : Friable via EPA 600 2.3
 If <1% by PLM, to TEM via 198.4 *
 If <1% by PLM, Hold for Instructions

PLM : Non-Building Material *, ** (Dust, Wipe, Tape, Soil)
 Soil or Vermiculite Analysis *, **

PLM: Instructions for Multi-Layered Samples
 Analyze and Report All Separable Layers per EPA 600
 Report Composite for Drywall Systems per NESHAP
 Report All Layers and Composite Where Applicable
 Only Analyze and Report Specifically Noted Layer

* Additional charge and turnaround may be required. ** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory.

Turnaround Time: Preliminary Results Requested By... _____ Verbals FAX Email

10 Day
 5 Day
 3 Day
 2 Day
 1 Day*
 12 Hour**
 6 Hour**
 RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. Please notify the lab before shipping.

Sample Numbers:

Client #(s): 01 - 06 iATL#(s): _____ Total: _____

Please use your sample log to supply sampling information (ex. Volumes, areas, descriptions, locations, etc.) or download forms at iatl.com

Chain of Custody:

Relinquished (Name / Organization): Muller

Received (Name / iATL): _____

Sample Login (Name / iATL): 026114110

Sample Prep (Name / iATL): _____

Analysis (Name(s) / iATL): N/A

QA/QC Review (Name / iATL): _____

Archived / Released: _____ QA/QC InterLAB Use: _____

Date: 6/14/10 Time: 1:50
 Date: 6/14/10 Time: 1:50
 Date: 6/14/10 Time: 1:50
 Date: 6/14/10 Time: 1:50
 Date: 6/14/10 Time: 1:50
 Date: _____ Time: _____
 Date: _____ Time: _____

IATL - 70



Chain of Custody / Sample Log Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: HZW Environmental Consultants, LLC
6105 Heisley Road Mentor, Oh 44060

Project Name: ODOT - (Allison)
Project No.: H1002-14

| Client Sample ID: | IATL Sample ID: | Sample Description / Location | Notes |
|-------------------|-----------------|-------------------------------|-------|
| 01 | 3988777 | CT | |
| 02 | 3988778 | | |
| 03 | 3988779 | | |
| 04 | 3988780 | Dupont system | |
| 05 | 3988781 | | |
| 06 | 3988782 | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Please Make Additional Copies As Needed



ATTACHMENT 4

OSHA 29 CFR 1926.1101 SECTIONS (g)(1), (g)(2) & (g)(3)

**OSHA 29 CFR 1926.1101 SECTIONS
(g)(1), (g)(2) & (g)(3)**

Paragraph (g)(1) states that the following engineering controls and work practices must be implemented:

- a) vacuum cleaners equipped with high efficiency particulate air filters to collect all debris and dust;
- b) wet methods, or wetting agents to control employee exposure during asbestos handling, mixing, removal, cutting, application and cleanup; and
- c) prompt cleanup and disposal of wastes and debris contaminated with asbestos in leak-tight containers.

Paragraph (g)(2) states that in addition to the above requirements the following control methods must be implemented to be in compliance the time-weighted average (TWA) permissible exposure limit and excursion limit as set forth in the Standard:

- a) local exhaust ventilation equipped with HEPA filter dust collection systems;
- b) enclosure or isolation of processes producing asbestos dust;
- c) ventilation of the work area to move contaminated air away from the breathing zone of employees and toward a filtration collection device equipped with a HEPA filter;
- d) use of other feasible OSHA accepted work practices and engineering controls; and
- e) use of respiratory protection when the above stated engineering controls and work practices are not sufficient to reduce employee exposures below the permissible exposure limit and/or excursion limit.

Paragraph (g)(3) states that the following work practices and engineering controls must not be for work related to asbestos or for work which disturbs ACMs:

- a) high-speed abrasive disc saws that are not equipped with point-of-cut ventilator or enclosures with HEPA filtered exhaust air;
- b) compressed air unless the compressed air is used in conjunction with an enclosed ventilation system designed to capture the dust cloud created by the compressed air;
- c) dry sweeping, shoveling or other dry cleanup of dust and debris containing ACMs; and
- d) employee rotation as a means of reducing employee exposure to asbestos.