



PINNACLE ENVIRONMENTAL CONSULTANTS, INC.

CORPORATE OFFICE: 2088 ROSS AVENUE ■ CINCINNATI ■ OHIO ■ 45212 ■ PHONE: 513-533-1823 ■ FAX: 513-533-1859
BRANCH OFFICE: 500-B PRESTIGE PARK ■ SUITE 1 ■ HURRICANE ■ WEST VIRGINIA ■ 25526 ■ PHONE: 304-757-5204 ■ FAX: 304-757-5205

May 6, 2004

Mr. Mark Wendling

City of Silverton

6860 Plainfield Road

Silverton, Ohio 45236

Re: Limited Asbestos Bulk Sampling Survey @ Silverton Municipal Building in Silverton, Ohio

Pinnacle PN: 04-0016

Dear Mr. Wendling:

On February 17 and 18, 2004, Mr. Jeff Sarver of Pinnacle Environmental Consultants, Inc. (see Attachment 1 for certifications) visited the Silverton Municipal Building located at 6860 Plainfield Road in Silverton, Ohio per your request. The purpose of this visit was to collect bulk samples of materials suspect for containing asbestos prior to planned renovation of the Municipal Building, for compliance with the National Emission Standards for Hazardous Air Pollutants (NESHAP). Specifically, forty-four (44) bulk samples were collected from thirty-two (32) homogeneous areas in the planned renovation area. Analysis results show eleven (11) homogeneous areas were identified with asbestos content greater than one percent (>1%). Please reference the *PLM Bulk Sample Data Summary Table* in Attachment 2 for complete sample location and description information.

In flooring materials and mastics, asbestos fibers are well bound in an asphalt or vinyl matrix which masks the identification of fibers resulting in a high percentage of false negative analysis of samples by PLM. As a result, bulk samples of flooring materials which indicated the absence of asbestos should be analyzed by Transmission Electron Microscopy (TEM) to corroborate the PLM results.

During this inspection, one material was identified which should be re-analyzed by TEM, if the planned renovation will impact this material. The material has been included in the asbestos inventory as homogeneous area number 2 and is assumed to contain asbestos until TEM analysis proves otherwise.

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Asbestos Bulk Sampling Methods

For friable Surfacing Materials, three (3) bulk samples were collected for each homogeneous area less than or equal to 1,000 square feet. If the homogeneous area was greater than 1,000 square feet but less than 5,000 square feet, five (5) bulk samples were collected. For homogeneous areas that were greater than 5,000 square feet, seven (7) bulk samples were collected. Random sample locations for each homogeneous area of suspect friable surfacing materials were determined by Pinnacle's inspector during inspection in the field.

Three (3) samples were randomly collected from homogeneous areas of Thermal System Insulation such as pipe insulation. Miscellaneous Material and non-friable suspected ACM were sampled "in a manner sufficient to determine" whether the material in question contained asbestos.

To avoid disturbing the material more than necessary and potentially cause the release of asbestos fibers, Pinnacle performed bulk sampling of suspect materials in accordance with generally accepted procedures outlined in the Asbestos Hazard Emergency Response Act (AHERA). Each sample was collected and placed in a clean, sealable vial and labeled with a unique sample identification number. This sample number was recorded on a Bulk Sample Log Sheet, the sample vial, and at the sample location to permit easy identification of the sampled materials in the future. Supplemental information was also recorded on the Bulk Sample Log Sheet, including date of inspection, name of Pinnacle's inspector, the building name (or number), a brief description and location of the sample, and type of material sampled (e.g. thermal insulation, fireproofing, hard plaster).

Analysis of Bulk Samples

The bulk samples were submitted to Environmental Hazards Services, L.L.C. (see Attachment 3 for a copy of laboratory NVLAP accreditation) and analyzed for asbestos content by PLM and dispersion staining (Method Reference: EPA-600/R-93/116) sample analysis. This analytical method, which the EPA currently recommends for the determination of asbestos in bulk samples of suspect materials, can be used for qualitative identification of six morphologically different types of asbestos fibers: chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite asbestos. The method specifies that the asbestos content in a bulk sample will be estimated and reported as a finite percentage (rounded to the nearest percentage) within the range of 0 to 100.

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The results of the bulk sample analysis are reported in a standard written laboratory report. This report includes Pinnacle's project number, the laboratory identification number and the field number assigned to the bulk sample upon collection at the site. If a bulk sample contains more than one distinct layer of material, each layer is analyzed separately. The composition of the bulk sample is reported in percentages of asbestos (i.e., chrysotile, amosite or other) and non-asbestos (i.e., cellulose, fiberglass or other) components.

To reduce the total number of samples analyzed, the laboratory was instructed to "stop analysis" at the first sample >1% asbestos for each homogeneous area. For example, assume seven bulk samples were collected from a large homogeneous area. If the first or any subsequent sample analyzed by the laboratory identifies >1% asbestos content, there is no need to analyze the remaining samples. As specified in AHERA, one sample of a homogeneous area >1% is enough to designate the entire homogeneous area as asbestos-containing.

If a bulk sample has less than ten percent (<10%) asbestos content, the EPA recommends the sample be analyzed by the point count method reference PLM, EPA 600/R-93/116. This analytical method is a more accurate way of determining the actual asbestos percentage. For this project, no samples were analyzed using point count methods.

A copy of the original laboratory report and sample chain-of-custody for PLM analysis can be found in Attachment 4.

Results and Conclusions

The locations and quantities of materials known or assumed to contain >1% asbestos can be found on the *Inventory of Asbestos-Containing Material Table* in Attachment 5 with this letter. Based on the limited access of the bulk sampling survey (i.e., nondestructive inspection), caution should be exercised during the renovation project in the event materials known or suspected to contain asbestos are exposed during the renovation work. In the event additional material suspected to contain asbestos is discovered during this project, work with the potential for disturbance should be stopped until sampling and analysis has been performed. All asbestos bulk sampling should be conducted by a professional consultant certified by the Ohio Department of Health as an asbestos hazard evaluation specialist. Analysis of all bulk samples collected should be performed by laboratories accredited by NVLAP or the American Industrial Hygiene Association.

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Current asbestos laws and regulations require removal of asbestos-containing materials (ACM) prior to renovation activities with the potential to disturb these materials. If removal of ACM is necessary to support the renovation, an Ohio Department of Health licensed asbestos abatement contractor must be contracted to perform the removal work and submit necessary regulatory notifications. The City of Silverton has contracted with Pinnacle to provide project design services. As the asbestos inspection is now complete, a meeting with the architects should be held to discuss the impact of the planned renovation on the asbestos-containing materials which have been identified. Pinnacle recommends that abatement observation, abatement completion visual inspections, final clearance air sampling, and review and organization of the project closeout documentation be considered for this project, once an asbestos abatement scope of work has been identified.

Pinnacle greatly appreciates the opportunity to offer our services and expertise to the City of Silverton for this most important project. Should you have any questions or require additional information, please feel free to contact me at your earliest convenience.

Sincerely,

Pinnacle Environmental Consultants, Inc.

A handwritten signature in black ink, appearing to read "M. D. Strine", with a stylized flourish at the end.

Michael D. Strine

Vice President

Attachments (5)

Attachment 1
PINNACLE'S PERSONNEL CERTIFICATIONS

OHIO DEPARTMENT OF HEALTH

246 North High Street
Post Office Box 118
Columbus, Ohio 43216-0118

Telephone: (614) 466-3543
www.odh.state.oh.us



BOB TAFT
Governor

J. NICK BAIRD, M.D.
Director of Health

September 30, 2003

Pinnacle Environmental Consultants, Inc.
2088 Ross Avenue
Cincinnati, OH 45212

ATTN: Jeff Sarver

RE: Evaluation Specialist Certification # 32283

Dear Jeff Sarver:

This letter is to inform you that you have been certified by this department as an Asbestos Hazard Evaluation Specialist.

Included with this letter is your identification card. Proof of certification must be available for review at any relevant project.

This certification may be revoked by the Director of Health for violation of any of the requirements of 3701-34 of the Ohio Administrative Code.

This certification will expire on OCT-18-2004.

If you have any questions regarding your identification card please call and speak with the asbestos licensing staff at (614) 644-0226.

Sincerely,

Bridgette C. Smith
Licensure Administrator
Asbestos Program
Division of Quality Assurance

YOUR COPY OF THIS
CERTIFICATION WILL BE
MAILED TO YOU BY AIR
THIS CERTIFICATION WILL BE VALID

Certified Asbestos Hazard Evaluation Specialist	
Name	Jeff Sarver
Social Security #	285-62-2912
No.	32283
Expires	10/18/2004

HEA 5333 (Rev 4/03)

The InService Training Network

Asbestos Building Inspector
Refresher Course

Jeff Sarver

285-62-2912

has successfully completed the Asbestos Building Inspector Refresher Course and passed by at least 70%
the course examination for accreditation under Section 206 of the Toxic Substance Control Act, Title II, and Indiana 32 IAC 18-2
provided by: The InService Training Network, 6813 Flagg Center Dr., Columbus, OH 43229 (614) 895-9323

Course Date: May 17, 2003

Examination Date: May 17, 2003

Course Director: Kurt Varga

Kurt Varga

Expiration: May 17, 2004

Certificate Number: ITN-IR-2231

The InService Training Network

Asbestos Management Planner
Refresher Course

Jeff Sarver

285-62-2912

has successfully completed the Asbestos Management Planner Refresher Course and passed by at least 70%
the course examination for accreditation under Section 206 of the Toxic Substance Control Act, Title II, and Indiana 32 IAC 18-2
provided by: The InService Training Network, 6813 Flagg Center Dr., Columbus, OH 43229 (614) 895-9323

Course Date: May 17, 2003

Examination Date: May 17, 2003

Course Director: Kurt Varga

Kurt Varga

Expiration: May 17, 2004

Certificate Number: ITN-MR-2231

Attachment 2

PLM BULK SAMPLE DATA SUMMARY TABLE

**PLM BULK SAMPLE DATA SUMMARY TABLE
CITY OF SILVERTON**

Sample Location	Sample Description	Sample ID No.	Lab ID No.	Asbestos Content	* Homogeneous Area #	Friable/ Nonfriable
<i>The following samples were collected from the basement of the Municipal Building</i>						
Men's restroom above toilet	2'x4' Ceiling tile with horizontal fissures and random small holes	04JS-59	01	None detected	1	Friable
Men's restroom behind toilet	12" Beige floor tile with white, brown and gray streaks with brown glue	04JS-60	02A&B	None detected	2	Nonfriable
Men's restroom behind toilet	Green glue under 3" brown covebase	04JS-61	03	None detected	3	Nonfriable
Women's restroom above ceiling tile and toilet	Layered-paper pipe insulation	04JS-62	04	3% Chrysotile	4	Friable
Water meter room	Layered-paper pipe insulation	04JS-63	05	Stopped analysis	4	Friable
Boiler room	Layered-paper pipe insulation	04JS-64	06	Stopped analysis	4	Friable
Women's restroom above ceiling tile and toilet	Cementitious fitting insulation between sections of layered-paper pipe insulation	04JS-65	07	Stopped analysis	5	Nonfriable
Water meter room	Cementitious fitting insulation between sections of layered-paper pipe insulation	04JS-66	08	Stopped analysis	5	Nonfriable
Boiler room	Cementitious fitting insulation between sections of layered-paper pipe insulation	04JS-67	09	Stopped analysis	5	Nonfriable
Council meeting room above exterior exit sign	2'x4' Ceiling tile with long fissures in all directions and pin holes	04JS-68	10	None detected	6	Friable
Council meeting room rear left of wall mount unit above ceiling tile	Aircell-paper pipe insulation	04JS-69	11	80% Chrysotile	7	Friable
Council meeting room built up floor	9" Brown floor tile with white and maroon streaks	04JS-70	12A	5% Chrysotile	8	Nonfriable
Council meeting room desk built up floor	Black mastic for 9" brown floor tile with white and maroon streaks	04JS-70	12B	None detected	8	Nonfriable
Council meeting room left corner by window and mayor's desk	3" Tan covebase with brown glue	04JS-71	13A&B	None detected	9	Nonfriable

**PLM BULK SAMPLE DATA SUMMARY TABLE
CITY OF SILVERTON**

Sample Location	Sample Description	Sample ID No.	Lab ID No.	Asbestos Content	* Homogeneous Area #	Friable/ Nonfriable
<i>Basement of the Municipal Building continued</i>						
Council meeting room left corner by window and mayor's desk	Tan wallpaper with y triangles in a circular pattern	04JS-72	14	None detected	10	Nonfriable
Exterior wall 10 feet from sample 04JS-72	Off-white wallpaper with green glue or backing	04JS-73	15	None detected	11	Nonfriable
Conference room bulkhead	Acoustical plaster	04JS-74	16	5% Chrysotile	12	Friable
Conference room bulkhead under acoustical plaster	Plaster	04JS-75	17	None detected	13	Nonfriable
Conference room behind double doors and plaque	Hard 3" black covebase	04JS-76	18A	None detected	14	Nonfriable
Conference room behind double doors and plaque	Brown glue for hard 3" black covebase	04JS-76	18B	<1% Chrysotile	14	Nonfriable
Boiler room	Preformed-block pipe insulation	04JS-77	19	65% Chrysotile 3% Amosite	15	Friable
Boiler room	Rough hard plaster	04JS-78	20	None detected	16	Nonfriable
Women's restroom above ceiling tile above door	Rough hard plaster	04JS-79	21	None detected	16	Nonfriable
Kitchen bulkhead under stairs	Rough hard plaster	04JS-80	22	None detected	16	Nonfriable
Area outside council room and men's restroom	Joint compound	04JS-81	23	None detected	17	Nonfriable
Area outside council room and men's restroom	Drywall	04JS-82	24	None detected	18	Nonfriable
Boiler room	Black material inside peerless boiler	04JS-83	25	2% Chrysotile	19	Nonfriable
Council meeting room left corner by window and mayor's desk	Yellow carpet glue over terrazzo	04JS-84	26	None detected	20	Friable
<i>The following samples were collected from the first floor of the Municipal Building</i>						
Tax office corridor off main lobby under carpet	Yellow gummy carpet glue	04JS-85	27	None detected	21	Nonfriable
Tax office corridor off main lobby under carpet	9" Green floor tile	04JS-86	28A	5% Chrysotile	22	Nonfriable

**PLM BULK SAMPLE DATA SUMMARY TABLE
CITY OF SILVERTON**

<i>Sample Location</i>	<i>Sample Description</i>	<i>Sample ID No.</i>	<i>Lab ID No.</i>	<i>Asbestos Content</i>	<i>* Homogeneous Area #</i>	<i>Friable/ Nonfriable</i>
<i>First floor of the Municipal Building continued</i>						
Tax office corridor off main lobby under carpet	Mastic for 9" green floor tile	04JS-86	28B	None detected	22	Nonfriable
Mayor's office corner straight from door	Soft yellow glue under new 3" gray covebase	04JS-87	29	None detected	23	Nonfriable
Break room	2'x2' Ceiling tile with tan random indentations	04JS-88	30	None detected	24	Friable
Break room behind door	Hard 3" black covebase	04JS-89	31A	2% Chrysotile	25	Nonfriable
Break room behind door	Black glue for hard 3" black covebase	04JS-89	31B	3% Chrysotile	25	Nonfriable
Storage	9" Tan floor tile with brown marks	04JS-90	32A	2% Chrysotile	26	Nonfriable
Storage	Black mastic for 9" tan floor tile with brown marks	04JS-90	32B	2% Chrysotile	26	Nonfriable
Police station lobby	2'x4' Ceiling tile with random large and small holes	04JS-91	33	None detected	27	Friable
Mosler safe wall between wood and metal cabinets	Rough hard plaster	04JS-92	34	None detected	16	Nonfriable
Police station lobby above ceiling tile and door to main lobby	Rough hard plaster	04JS-93	35	None detected	16	Nonfriable
Garage above rear wood cabinets next to drain line above wooden ladder	Rough hard plaster	04JS-94	36	None detected	16	Nonfriable
Men's restroom ceiling off main lobby	Rough hard plaster	04JS-95	37	None detected	16	Nonfriable
Police station lobby under L-shaped desk toward glass door over 9" or 12" floor tile	12" Floor tile with white and gray pattern with yellow glue	04JS-96	38A&B	None detected	28	Nonfriable
Police station lobby entrance	2'x2' Ceiling tile with rough raised pattern	04JS-97	39	None detected	29	Friable
Garage window facing parking lot	Exterior window glazing	04JS-98	40	None detected	30	Friable
Tax Administration Office window	Exterior window glazing	04JS-99	41	None detected	30	Friable

**PLM BULK SAMPLE DATA SUMMARY TABLE
CITY OF SILVERTON**

Sample Location	Sample Description	Sample ID No.	Lab ID No.	Asbestos Content	* Homogeneous Area #	Friable/ Nonfriable
First floor of the Municipal Building continued						
Window city management office	Exterior window glazing	04JS-100	42	None detected	30	Friable
Tax Administration Office window	Gray exterior window caulk	04JS-101	43	3% Chrysotile	31	Nonfriable
Small corridor off police lobby	9" Brown floor tile with white and dark spots	04JS-102	44A	3% Chrysotile	32	Nonfriable
Small corridor off police lobby	Black mastic for 9" floor tile with white and dark spots	04JS-102	44B	2% Chrysotile	32	Nonfriable

*** Homogeneous area number descriptions (bold type indicates asbestos-containing material)**

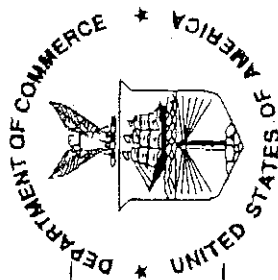
- 1 - 2'x4' Ceiling tile with horizontal fissures and random small holes
- 2 - 12" Beige floor tile with white, brown and gray streaks with brown glue
- 3 - Green glue under 3" brown covebase
- 4 - Layered-paper pipe insulation**
- 5 - Cementitious fitting insulation between sections of layered-paper pipe insulation
- 6 - 2'x4' Ceiling tile with long fissures in all directions and pin holes
- 7 - Aircell-paper pipe insulation**
- 8 - 9" Brown floor tile with white and maroon streaks**
- 9 - 3" Tan covebase with brown glue
- 10 - Tan wallpaper with y triangles in a circular pattern
- 11 - Off-white wallpaper with green glue or backing
- 12 - Acoustical plaster**
- 13 - Plaster
- 14 - Hard 3" black covebase
- 15 - Preformed-block pipe insulation**
- 16 - Rough hard plaster
- 17 - Joint compound
- 18 - Drywall
- 19 - Black material inside peerless boiler**
- 20 - Yellow carpet glue over terrazzo
- 21 - Yellow gummy carpet glue
- 22 - 9" Green floor tile**
- 23 - Soft yellow glue under new 3" gray covebase
- 24 - 2'x2' Ceiling tile with tan random indentations
- 25 - Hard 3" black covebase with black glue**
- 26 - 9" Tan floor tile with brown marks and black mastic**
- 27 - 2'x4' Ceiling tile with random large and small holes
- 28 - 12" Floor tile with white and gray pattern with yellow glue
- 29 - 2'x2' Ceiling tile with rough raised pattern
- 30 - Exterior window glazing
- 31 - Gray exterior window caulk**
- 32 - 9" Brown floor tile with white and dark spots and black mastic**

Attachment 3

ANALYTICAL LABORATORY NVLAP ACCREDITATION CERTIFICATE

United States Department of Commerce
National Institute of Standards and Technology

NVLAP[®]



ISO/IEC 17025:1999
ISO 9002:1994

Certificate of Accreditation

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.
RICHMOND, VA

is recognized by the National Voluntary Laboratory Accreditation Program
for satisfactory compliance with criteria set forth in NIST Handbook 150:2001,
all requirements of ISO/IEC 17025:1999, and relevant requirements of ISO 9002:1994.
Accreditation is awarded for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

December 31, 2004

Effective through

For the National Institute of Standards and Technology
NVLAP Lab Code: 101882-0

Attachment 4

LABORATORY REPORT AND SAMPLE CHAIN-OF-CUSTODY

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

7469 WHITE PINE ROAD - RICHMOND, VA 23237

804-275-4788 FAX 804-275-4907

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: Pinnacle Environmental Consultants, Inc. **DATE OF RECEIPT:** 19 FEB 2004
2088 Ross Ave. **DATE OF ANALYSIS:** 21 FEB 2004
Cincinnati, OH 45212 **DATE OF REPORT:** 21 FEB 2004

CLIENT NUMBER: 36-2747 S
EHS PROJECT #: 02-04-2283
PROJECT: 04-0016

<u>EHS SAMPLE #</u>	<u>CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION</u>	<u>% ASBESTOS</u>	<u>OTHER MATERIALS</u>
01	04JS-59/ Gray Fib.	NAD	70% Cellulose 10% Fibrous Glass 20% Non-Fibrous
02A	04JS-60(a)-Tile/ Gray Vinyl	NAD	100% Non-Fibrous
02B	04JS-60(b)-Mastic/ Yellow Adhes.	NAD	100% Non-Fibrous
03	04JS-61/ Yellow Adhes.	NAD	100% Non-Fibrous
04	04JS-62/ Brown/Black Fib.	3% Chrysotile ★ 3% Total Asbestos ★Present in the black fibrous material.	90% Cellulose 7% Non-Fibrous
05	04JS-63/	DID NOT ANALYZE	
06	04JS-64/	DID NOT ANALYZE	
07	04JS-65/	DID NOT ANALYZE	
08	04JS-66/	DID NOT ANALYZE	
09	04JS-67/	DID NOT ANALYZE	
10	04JS68/ Gray Fib.	NAD	40% Cellulose 40% Fibrous Glass 20% Non-Fibrous
11	04JS-69/ Gray Fib.	80% Chrysotile 80% Total Asbestos	15% Cellulose 5% Non-Fibrous
12A	04JS-70(a)-Tile/ Brown Vinyl	5% Chrysotile 5% Total Asbestos	95% Non-Fibrous
12B	04JS-70(b)-Mastic/ Black Adhes.	NAD	100% Non-Fibrous

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

CLIENT NUMBER: 36-2747 S
EHS PROJECT #: 02-04-2283
PROJECT: 04-0016

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
13A	04JS71(a)-Cove Base/ Tan Rubbery	NAD	100% Non-Fibrous
13B	04JS-71(b)-Mastic/ Brown Adhes.	NAD	100% Non-Fibrous
14	04JS-72/ White Fib.	NAD	95% Cellulose 5% Non-Fibrous
15	04JS-73/ White Fib.; Green Powder	NAD	90% Cellulose 10% Non-Fibrous
16	04JS-74/ Gray Powder; Fib.	5% Chrysotile 5% Total Asbestos	95% Non-Fibrous
17	04JS-75/ Gray Gran.	NAD	100% Non-Fibrous
18A	04JS-76(a)-Cove Base/ Black Rubbery	NAD	100% Non-Fibrous
18B	04JS-76(b)-Mastic/ Black Adhes.	Trace, <1% Chrysotile <1% Total Asbestos	100% Non-Fibrous
19	04JS-77/ White Powder; Fib.	65% Chrysotile 3% Amosite 68% Total Asbestos	32% Non-Fibrous
20	04JS-78/ Gray Gran.	NAD	100% Non-Fibrous
21	04JS-79/ Gray Gran.	NAD	100% Non-Fibrous
22	04JS-80/ Gray Gran.	NAD	100% Non-Fibrous
23	04JS-81/ White Powder; Brown Fib.	NAD	80% Cellulose 20% Non-Fibrous
24	04JS-82/ Gray Powder; Fib.	NAD	20% Cellulose 80% Non-Fibrous
25	04JS-83/ Gray Powder; Fib.	2% Chrysotile 2% Total Asbestos	90% Fibrous Glass 8% Non-Fibrous
26	04JS-84/ Yellow Adhes.	NAD	100% Non-Fibrous

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

CLIENT NUMBER: 36-2747 S

EHS PROJECT #: 02-04-2283

PROJECT: 04-0016

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
27	04JS-85/ Yellow Adhes.	NAD	2% Cellulose 98% Non-Fibrous
28A	04JS-86(a)-Tile/ Green Vinyl	5% Chrysotile 5% Total Asbestos	95% Non-Fibrous
28B	04JS-86(b)-Mastic/ Yellow Adhes.	NAD	100% Non-Fibrous
29	04JS-87/ Yellow Adhes.	NAD	100% Non-Fibrous
30	04JS-88/ Brown Fib.	NAD	95% Cellulose 5% Non-Fibrous
31A	04JS-89(a)-Tile/ Black Vinyl	2% Chrysotile 2% Total Asbestos	98% Non-Fibrous
31B	04JS-89(b)-Mastic/ Black Adhes.	3% Chrysotile 3% Total Asbestos	97% Non-Fibrous
32A	04JS-90(a)-Tile/ Tan Vinyl	2% Chrysotile 2% Total Asbestos	98% Non-Fibrous
32B	04JS-90(b)-Mastic/ Black Adhes.	2% Chrysotile 2% Total Asbestos	98% Non-Fibrous
33	04JS-91/ Gray Fib.	NAD	70% Cellulose 10% Fibrous Glass 20% Non-Fibrous
34	04JS-92/ Gray Gran.	NAD	100% Non-Fibrous
35	04JS-93/ Gray Gran.	NAD	100% Non-Fibrous
36	04JS-94/ Gray Gran.	NAD	100% Non-Fibrous
37	04JS-95/ Gray Gran.	NAD	100% Non-Fibrous
38A	04JS-96(a)-Tile/ Gray Vinyl	NAD	100% Non-Fibrous
38B	04JS-96(b)-Mastic/ Yellow Adhes.	NAD	100% Non-Fibrous

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

CLIENT NUMBER: 36-2747 S
EHS PROJECT #: 02-04-2283
PROJECT: 04-0016

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
39	04JS-97/ Gray Fib.	NAD	70% Cellulose 10% Fibrous Glass 20% Non-Fibrous
40	04JS-98/ Gray Powder	NAD	100% Non-Fibrous
41	04JS-99/ Gray Powder	NAD	100% Non-Fibrous
42	04JS-100/ Gray Powder	NAD	100% Non-Fibrous
43	04JS-101/ Brown Powder	3% Chrysotile 3% Total Asbestos	97% Non-Fibrous
44A	04JS-102(a)-Tile/ Tan Vinyl	3% Chrysotile 3% Total Asbestos	97% Non-Fibrous
44B	04JS-102(b)-Mastic/ Black Adhes.	2% Chrysotile 2% Total Asbestos	98% Non-Fibrous

QC SAMPLE: M1-1999-1

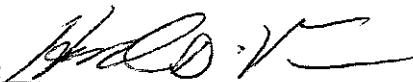
QC BLANK: SRM 1866 Fiberglass

REPORTING LIMIT: 1% Asbestos

METHOD: Polarized Light Microscopy, EPA Method 600/R-93/116 *

ANALYST: Feng Jiang, M.S.

Reviewed By Authorized Signatory:



Howard Varner, Laboratory Director
Irma Faszewski, Quality Assurance Coordinator
David Xu, MS, Senior Chemist
Feng Jiang, MS, Senior Geologist
Michael A. Mueller, Quality Assurance Manager

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

CLIENT NUMBER: 36-2747 S
EHS PROJECT #: 02-04-2283
PROJECT: 04-0016

Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319 NY ELAP #11714. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND NAD = no asbestos detected
 SCF = suspected ceramic fibers

plm1.dot/07JAN2002/ MR

-- PAGE 05 of 05 -- END OF REPORT --

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.
and, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

7. **EHS 02-04-2283**

IN OF CUSTODY FORM

Company Name: Pinnacle Environmental Consultants, Inc.

Date: 2-18-04

Address: 2088 Ross Ave.

Contact Name: JEFF SAMPSON

City, State, Zip: Cincinnati, OH 45212

Sampler Name: JEFF SAMPSON

EHS Client Account #: 36-2747 S

Project #: 04-0016

Phone #: (513) 533-1823

Fax #: (513) 533-1859

P.O. #: 0104-058

Sample Number	Sample Date & Time	Asbestos				Lead				Other Metals (Specify metals below)				Indoor Air Quality				Particulate: Total Nuisance (NIOSH 0500)		Comments						
		Bulk ID by PLM	(PCM) Fiber Count	PLM Point Count	PLM Gravimetric	TEM AHERA (Air)	TEM Chatfield (Bulk)	Air	Paint (%)	Paint (PPM)	Paint (mg/cm ²)	Soil	Wipe * (See Note)	TCLP (Pb)	Waste Water	TCLP RCRA 8	Welding Fume	Toxic Metal Profile	Biocassette		Slide	Surface Swab	Surface Tape	Bulk	Air Volume (L) OR Wipe Area (ft ²) OR Scrape Area (cm ²)	Respirable (NIOSH 0600)
0455	2-17-04	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	STEP DRUMS
60	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	ON FIRE
61	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	POSITIVE
62	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	62-67 ✓
63	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
64	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
65	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
66	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
67	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
68	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

* Do wipe samples submitted meet ASTM E1792 requirements? Yes No

Released by: JEFF SAMPSON Signature: JEFF SAMPSON Date/Time: 2-18-04 1:25 PM

Received by: Signature: Date/Time: PM

Released by: Signature: Date/Time: PM

Received by: Signature: Date/Time: 2-14-04 9:00 AM

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.
 7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788; Fax (804) 275-4907

CHAIN OF CUSTODY FORM

Company Name: Pinnacle Environmental Consultants, Inc.

Date: 2-8-04

Address: 2088 Ross Ave.

Contact Name: JEFF JARVIS

City, State, Zip: Cincinnati, OH 45212

Sampler Name: JEFF JARVIS

EHS Client Account #: 36-2747 S

Project #: 04-0016

Phone #: (513) 533-1823

Fax #: (513) 533-1859

P.O. #: 0404-018

Sample Number	Sample Date & Time	Asbestos					Lead					Other Metals (Specify metals below)				Indoor Air Quality				Particulate: Total Nuisance (NIOSH 0500)		Comments				
		Bulk ID by PLM	(PCM) Fiber Count	PLM Point Count	PLM Gravimetric	TEM AHERA (Air)	TEM Chatfield (Bulk)	Air	Paint (%)	Paint (PPM)	Paint (mg/cm ²)	Soil	Wipe * (See Note)	TCLP (Pb)	Waste Water	TCLP RCRA 8	Welding Fume	Toxic Metal Profile	Biocassette	Slide	Surface Swab		Surface Tape	Bulk	Air Volume (L) OR Wipe Area (ft ²) OR Scrape Area (cm ²)	Respirable (NIOSH 0500)
0455	6-9 2-17-04	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
70	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
71	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
72	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
73	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
74	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
75	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
76	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
77	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
78	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

* Do wipe samples submitted meet ASTM E1792 requirements? Yes No

Released by: JEFF JARVIS Signature: [Signature] Date/Time: 2-18-04 1:35
 Received by: [Signature] Signature: [Signature] Date/Time: [Blank] PM
 Released by: [Signature] Signature: [Signature] Date/Time: [Blank]
 Received by: [Signature] Signature: [Signature] Date/Time: 2-19-04 4:00

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.
 7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

CHAIN OF CUSTODY FORM

Company Name: Pinnacle Environmental Consultants, Inc. Date: 2-18-04
 Address: 2088 Ross Ave. Contact Name: JEFF SARNSEN
 City, State, Zip: Cincinnati, OH 45212 Sampler Name: JEFF SARNSEN
 EHS Client Account #: 36-2747 S Project #: 04-0014
 Phone #: (513) 533-1823 Fax #: (513) 533-1859
 P.O. #: 0404-058

Sample Number	Sample Date & Time	Asbestos					Lead				Other Metals				Indoor Air Quality				Particulate: Total Nuisance (NIOSH 0500)		Comments					
		Bulk ID by PLM	(PCM) Fiber Count	PLM Point Count	PLM Gravimetric	TEM AHERA (Air)	TEM Chatfield (Bulk)	Air	Paint (%)	Paint (PPM)	Paint (mg/cm ²)	Soil	Wipe * (See Note)	TCLP (Pb)	Waste Water	TCLP RCRA 8	Welding Fume	Toxic Metal Profile	Biocassette	Slide		Surface Swab	Surface Tape	Bulk	Air Volume (L)	Respirable (NIOSH 0600)
0455	7/8 2-18-04	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
80		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
81		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
82		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
83		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
84		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
85		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
86		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
87		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
88		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

* Do wipe samples submitted meet ASTM E1792 requirements? Yes No

Released by: JEFF SARNSEN Signature: [Signature] Date/Time: 2-18-04 1:30 PM
 Received by: [Signature] Signature: [Signature] Date/Time: [Blank] [Blank]
 Released by: [Signature] Signature: [Signature] Date/Time: [Blank] [Blank]
 Received by: [Signature] Signature: [Signature] Date/Time: 2-19-04 9:30 AM

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.
 7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

CHAIN OF CUSTODY FORM

Company Name: Pinnacle Environmental Consultants, Inc. Date: 2-18-04
 Address: 2088 Ross Ave. Contact Name: JEFF SANDER
 City, State, Zip: Cincinnati, OH 45212 Sampler Name: JEFF SANDER
 EHS Client Account #: 36-2747 S Project #: 04-0016
 Phone #: (513) 533-1823 Fax #: (513) 533-1859
 P.O. #: 0404-058

Sample Number	Sample Date & Time	Asbestos				Lead				Other Metals				Indoor Air Quality				Particulate: Total Nuisance (NIOSH 0500)		Comments							
		Bulk ID by PLM	(PCM) Fiber Count	PLM Point Count	PLM Gravimetric	TEM AHERA (Air)	TEM Chatfield (Bulk)	Air	Paint (%)	Paint (PPM)	Paint (mg/cm ²)	Soil	Wipe* (See Note)	TCLP (Pb)	Waste Water	TCLP RCRA 8	Welding Fume	Toxic Metal Profile	Biocassette		Slide	Surface Swab	Surface Tape	Bulk	Air Volume (L) OR Wipe Area (ft ²) OR Scrape Area (cm ²)	Respirable (NIOSH 0600)	
0404 892102																											
90																											
91																											
92																											
93																											
94																											
95																											
96																											
97																											
98																											

* Do wipe samples submitted meet ASTM E1792 requirements? Yes No

Released by: JEFF SANDER Signature: [Signature] Date/Time: 2-18-04 12:15 PM
 Received by: [Signature] Signature: [Signature] Date/Time: [Blank] [Blank] PM
 Released by: [Signature] Signature: [Signature] Date/Time: [Blank] [Blank] PM
 Received by: [Signature] Signature: [Signature] Date/Time: 2-19-04 9:00 AM

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.
 7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

CHAIN OF CUSTODY FORM

Company Name: Pinnacle Environmental Consultants, Inc. Date: 2-18-04
 Address: 2088 Ross Ave. Contact Name: JEFF SANDER
 City, State, Zip: Cincinnati, OH 45212 Sampler Name: JEFF SANDER
 EHS Client Account #: 36-2747 S Project #: 04-0016
 Phone #: (513) 533-1823 Fax #: (513) 533-1859
 P.O. #: OH04-058

Sample Number	Sample Date & Time	Asbestos					Lead					Other Metals (Specify metals below)				Indoor Air Quality				Particulate: Total Nuisance (NIOSH 0500)		Comments			
		Bulk ID by PLM	(PCM) Fiber Count	PLM Point Count	PLM Gravimetric	TEM AHERA (Air)	TEM Chatfield (Bulk)	Air	Paint (%)	Paint (PPM)	Paint (mg/cm ²)	Soil	Wipe * (See Note)	TCLP (Pb)	Waste Water	TCLP RCRA 8	Welding Fume	Toxic Metal Profile	Biocassette	Slide	Surface Swab		Surface Tape	Bulk	Air Volume (L) OR Wipe Area (ft ²) OR Scrape Area (cm ²)
045599	2-18-04	✓																							
100		✓																							
101		✓																							
102		✓																							

* Do wipe samples submitted meet ASTM E1792 requirements? Yes No

Released by: JEFF SANDER Signature: [Signature] Date/Time: 2-18-04 PM
 Received by: [Signature] Signature: [Signature] Date/Time: PM
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 Received by: [Signature] Signature: [Signature] Date/Time: 2-19-04 4:30 PM

Attachment 5

INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE

**INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
CITY OF SILVERTON**

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/Nonfriable
<i>The following homogeneous areas are located in the basement of the Municipal Building</i>					
Police storage off men's restroom	Aircell-paper pipe insulation	7	TSI	20 lf	RACM-Friable
Men's restroom (above suspended ceiling)	Aircell-paper pipe insulation	7	TSI	15 lf	RACM-Friable
Men's restroom	12" Beige floor tile with white, brown and gray streaks with brown mastic	2*	Misc	50 sf	I - Nonfriable
Women's restroom (above suspended ceiling)	Aircell-paper pipe insulation	7	TSI	10 lf	RACM-Friable
Women's restroom above ceiling tile (above suspended ceiling)	Layered-paper pipe insulation	4	TSI	10 lf	RACM-Friable
Women's restroom	12" Beige floor tile with white, brown and gray streaks with brown mastic	2*	Misc	75 sf	I - Nonfriable
In wall feeding sinks to both restrooms (INACCESSIBLE)	Layered-paper pipe insulation	4	TSI	25 lf	RACM-Friable
Area outside restroom (above suspended ceiling)	Aircell-paper pipe insulation	7	TSI	5 lf	RACM-Friable
Area outside restroom	12" Beige floor tile with white, brown and gray streaks with brown mastic	2*	Misc	50 sf	I - Nonfriable
Lobby between council room and conference room	Aircell-paper pipe insulation	7	TSI	15 lf	RACM-Friable
Council meeting room (above suspended ceiling)	Acoustical plaster	12	Surf	1,355 sf	RACM-Friable
Council meeting room (above suspended ceiling)	Aircell-paper pipe insulation	7	TSI	200 lf	RACM-Friable
Council meeting room (Built-up Floor Area)	9" Brown floor tile with white and maroon streaks	8	Misc	50 sf	I-Nonfriable
Kitchen	Aircell-paper pipe insulation	7	TSI	30 lf	RACM-Friable
Kitchen above rough hard plaster (INACCESSIBLE)	Layered-paper pipe insulation	4	TSI	30 lf	RACM-Friable
Kitchen above rough hard plaster (INACCESSIBLE)	Aircell-paper pipe insulation	7	TSI	10 lf	RACM-Friable
Conference room ceiling	Acoustical plaster	12	Surf	810 sf	RACM-Friable
Conference room	Aircell-paper pipe insulation	7	TSI	50 lf	RACM-Friable
Conference room in bulkhead (INACCESSIBLE)	Aircell-paper pipe insulation	7	TSI	10 lf	RACM-Friable
Conference room above acoustical plaster ceiling (INACCESSIBLE)	Layered-paper pipe insulation	4	TSI	150 lf	RACM-Friable

**INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
CITY OF SILVERTON**

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/Nonfriable
<i>Basement of the Municipal Building continued</i>					
Water meter room ceiling	Acoustical plaster	12	Surf	15 sf	RACM-Friable
Water meter room	Layered-paper pipe insulation	4	TSI	20 lf	RACM-Friable
Water meter room	Acoustical plaster debris	4	TSI	15 sf	RACM-Friable
Boiler room entrance	Aircell-paper pipe insulation	7	TSI	10 lf	RACM-Friable
Boiler room entrance	Layered-paper pipe insulation	4	TSI	10 lf	RACM-Friable
Boiler room	Layered-paper pipe insulation	4	TSI	70 lf	RACM-Friable
Boiler room	Preformed-block pipe insulation	15	TSI	10 lf	RACM-Friable
Boiler room	Aircell-paper pipe insulation	7	TSI	55 lf	RACM-Friable
Boiler room	Black material inside Peerless boiler	19	TSI	Unknown	Unknown
<i>The following homogeneous areas are located on the first floor of the Municipal Building</i>					
Main lobby ceiling	Acoustical plaster	12	Surf	420 sf	RACM-Friable
Tax Office Corridor (under carpet)	9" Green floor tile	22	Misc	130 sf	I-Nonfriable
Mayor's office (above suspended ceiling)	Acoustical plaster	12	Surf	145 sf	RACM-Friable
Mayor's office (under carpet)	9" Green floor tile	22	Misc	145 sf	I-Nonfriable
Tax Administration Office (above suspended ceiling)	Acoustical plaster	12	Surf	170 sf	RACM-Friable
Tax Administration Office (under carpet)	Floor tile and mastic	33*	Misc	170 sf	I-Nonfriable
Office between Tax Administration Office and Break Room (above suspended ceiling)	Acoustical plaster	12	Surf	100 sf	RACM-Friable
Office between Tax Administration Office and Break Room (under carpet)	Floor tile and mastic	33*	Misc	100 sf	I-Nonfriable
Break Room (above suspended ceiling)	Acoustical plaster	12	Surf	100 sf	RACM-Friable
Break Room	9" Tan floor tile with brown marks and black mastic	26	Misc	100 sf	I-Nonfriable
Break Room	3" Hard black cove base and black mastic	25	Misc	40 lf	I-Nonfriable
Storage Room next to Break Room	9" Tan floor tile with brown marks and black mastic	26	Misc	75 sf	I-Nonfriable

**INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
CITY OF SILVERTON**

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/Nonfriable
<i>First floor of the Municipal Building continued</i>					
City Manager Secretary Office ceiling	Acoustical plaster	12	Surf	375 sf	RACM-Friable
City Manager Secretary Office (under carpet)	Floor tile and mastic	33*	Misc	375 sf	I-Nonfriable
City Manager's Office ceiling	Acoustical plaster	12	Surf	400 sf	RACM-Friable
City Manager's Office (under carpet)	Floor tile and mastic	33*	Misc	400 sf	I-Nonfriable
Men's restroom in wall (INACCESSIBLE)	Layered-paper pipe insulation	4	TSI	15 lf	RACM-Friable
Women's restroom in wall (INACCESSIBLE)	Layered-paper pipe insulation	4	TSI	15 lf	RACM-Friable
Garage entry	9" Tan floor tile with brown marks and black mastic	26	Misc	45 sf	I-Nonfriable
Garage	Aircell-paper pipe insulation	7	TSI	65 lf	RACM-Friable
Police Station lobby (above suspended ceiling)	Acoustical plaster	12	Surf	130 sf	RACM-Friable
Police Station lobby	12" Beige floor tile with white, brown and gray streaks with brown mastic	2*	Misc	130 sf	I - Nonfriable
Police Station lobby (under 12" floor tile)	Floor tile and mastic	33*	Misc	130 sf	I-Nonfriable
Lobby entrance to parking lot (above suspended ceiling)	Acoustical plaster	12	Surf	35 sf	RACM-Friable
Lobby entrance to parking lot	12" Beige floor tile with white, brown and gray streaks with brown mastic	2*	Misc	35 sf	I - Nonfriable
Lobby entrance to parking lot	Floor tile and mastic	33*	Misc	35 sf	I-Nonfriable
Police front desk (above suspended ceiling)	Acoustical plaster	12	Surf	155 sf	RACM-Friable
Police front desk	12" Beige floor tile with white, brown and gray streaks with brown mastic	2*	Misc	155 sf	I - Nonfriable
Police front desk	Floor tile and mastic	33*	Misc	155 sf	I-Nonfriable
Police chief's office (above suspended ceiling)	Acoustical plaster	12	Surf	135 sf	RACM-Friable
Police chief's office (under carpet)	Floor tile and mastic	33*	Misc	135 sf	I-Nonfriable
Jail cells ceiling	Acoustical plaster	12	Surf	55 sf	RACM-Friable
Jail cells (on concrete and steel wall sections)	Acoustical plaster	12	Surf	550 sf	RACM-Friable

**INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
CITY OF SILVERTON**

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/Nonfriable
<i>First floor of the Municipal Building continued</i>					
Jail cells in walls (INACCESSIBLE)	Layered-paper pipe insulation	4	TSI	30 lf	RACM-Friable
Small corridor off police lobby	9" Brown floor tile with white and dark spots and black mastic	32	Misc	35 sf	I-Nonfriable
Restroom in walls (INACCESSIBLE)	Layered-paper pipe insulation	4	TSI	10 lf	RACM-Friable
<i>The following homogeneous area is located on the exterior of the Municipal Building</i>					
Around windows	Gray exterior caulk	31	Misc	All Windows	II-Nonfriable

NOTES:

lf = linear feet

sf = square feet

Surf = Surfacing

TSI = Thermal System Insulation

Misc = Miscellaneous

EPA Categories

RACM - Regulated Asbestos-Containing Materials (Friable)

Category I Nonfriable - resilient flooring, roofing products, gaskets, packings

Category II Nonfriable - all other nonfriable asbestos-containing materials

* Assumed Asbestos-Containing Material Homogeneous Area Numbers

2 - 12" Beige floor tile with white, brown and gray streaks with brown mastic

33 - Floor tile and mastic concealed under carpet and/or other flooring materials