

# ASBESTOS HAZARD EMERGENCY RESPONSE ACT (AHERA) SURVEY REPORT

**Sand Point Magnuson Park  
Community Center Former Building #47  
7400 Sandpoint Way NE  
Seattle, Washington**

October 28, 2005

*Prepared for:*

**Ms. Jodi Sinclair**  
**Seattle Parks and Recreation Department**  
Environmental Services Department  
4209 West Marginal Way SW  
Seattle, WA 98106

*Prepared by:*

**Sound Environmental Strategies Corporation**  
2400 Airport Way South, Suite 200  
Seattle, Washington 98134-2020

*Prepared by:*

Gwen McCullough  
IH Department Manager  
AHERA Building Inspector (No. 1018034)

*Reviewed by:*

Chris Carter,  
Environmental Scientist  
AHERA Building Inspector (No. 1011376)



[www.soundenvironmental.com](http://www.soundenvironmental.com)

## TABLE OF CONTENTS

**1.0 INTRODUCTION..... 1**

**2.0 SURVEY PROCESS ..... 1**

**3.0 ASBESTOS-CONTAINING MATERIALS ..... 1**

    3.1 PREVIOUSLY IDENTIFIED ASBESTOS-CONTAINING MATERIALS ..... 1

    3.2 CURRENTLY IDENTIFIED ASBESTOS-CONTAINING MATERIALS..... 2

**4.0 LEAD-BASED PAINT ..... 3**

    4.1 TOXICITY CHARACTERISTIC LEACHING PROCEDURE ..... 3

**5.0 POLYCHLORINATED-BIPHENYLS ..... 4**

**6.0 LIMITATIONS ..... 4**

### FIGURES

- Figure 1 Ground Floor Sample Locations
- Figure 2 Main Floor Sample Locations
- Figure 3 Mezzanine Sample Locations
- Figure 4 Basement and Balcony Sample Locations

### TABLES

- Table 1 Asbestos Sample Inventory
- Table 2 Lead-Based Paint Chip Sample Inventory

### APPENDICES

- Appendix A Current Asbestos Laboratory Results
- Appendix B Current Lead-Based Paint Chip Laboratory Results
- Appendix C Previous Hazardous Material Reports
- Appendix D Certifications

## 1.0 INTRODUCTION

On October 15, 2005, an Asbestos Hazard Emergency Response Act (AHERA) hazardous materials survey was conducted at the Sand Point Magnuson Park Former Community Center Building #47 at 7400 Sandpoint Way NE in Seattle, Washington (the site). The survey was conducted by Sound Environmental Strategies Corporation (SES) certified AHERA Building Inspectors (Gwen McCullough and Corey League) as part of environmental pre-demolition requirements for the building. SES reviewed available previous hazardous material survey reports on the building and performed a subsequent AHERA hazardous materials survey of the building to verify previously identified hazardous materials and identify previously unidentified hazardous materials including asbestos-containing materials (ACM), lead-based paint (LBP) and polychlorinated biphenyls (PCBs) which may be impacted during future building demolition/renovation activities. This report documents the results of the survey, quantifies and provides drawings illustrating the locations of all identified hazardous materials at the site.

## 2.0 SURVEY PROCESS

Approximately 16 materials were previously identified as asbestos-containing from various locations throughout the building. An additional 40 suspect asbestos-containing samples were taken by SES of previously unidentified materials from interior and exterior finishes of the building. Bulk samples obtained during the inspection were transported to a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory for analysis. Of the 40 additional samples taken, nine were found to be asbestos-containing. Thermal system insulation (TSI) including pipe insulation was previously identified and sampled from various locations throughout the building. All additional TSI visually identified during the SES survey was presumed to contain asbestos. TSI associated with water and old steam piping is presumed to exist in various concealed locations throughout the building. Currently identified ACM sample locations are presented in Table 1 and in Figures 1, 2, 3 and 4.

## 3.0 ASBESTOS-CONTAINING MATERIALS

### 3.1 PREVIOUSLY IDENTIFIED ASBESTOS-CONTAINING MATERIALS

The following materials were previously identified as asbestos-containing under analysis by polarized-light microscopy (PLM) in *Asbestos Survey at Naval Station Puget Sound, Seattle, Washington, N44255-93-C-4056, Building 47, Recreation Building, for Naval Facilities Engineering Command, Engineering Field Activity Northwest Silverdale, Washington*, prepared by Alpha Engineering Group, Inc., September 1993 (attached to this report and in Figures 1, 2, 3 and 4).

- Miscellaneous materials:
  - Flooring material and associated mastic (including vinyl asbestos tile (VAT), sheet vinyl and mastic)
  - 2-foot by 4-foot lay-in ceiling tile
  - Cement asbestos board (CAB)
  - Cement asbestos pipe (Transite)
  - Weatherproofing sealant
  - Fire doors
  - Window putty
  - Safe insulation
  - Carpet padding

- Gasket
- Rolled roofing
- Tar patch
- Thermal Systems Insulation (TSI):
  - Pipe and fitting insulation
  - Tank insulation
  - Debris
- Surfacing:
  - Spray-on surfacing material

The following materials were presumed to contain asbestos:

- Pipe insulation/associated hard-mudded fittings in concealed locations throughout the building
- Fire doors

### 3.2 CURRENTLY IDENTIFIED ASBESTOS-CONTAINING MATERIALS

The following materials sampled during the current hazardous materials investigation were found to contain greater than one percent asbestos under analysis by polarized-light microscopy. Detailed description and locations can be found in Table 1 and in Figures 1, 2, 3 and 4.

- Miscellaneous materials:
  - 12-inch black and red-brown (checker-board) floor tile – Room 336 (200 sf),
  - 9-inch brown floor tile – Room 336 (1,500 sf);
  - 9-inch black floor tile – Room 336 (1,100 sf);
  - Wall panel mastic – Room 336 (650 sf); and
  - 12-inch red and gray (checker-board) floor tile – Room 111 (250 sf), Rooms 108/109 (200 sf).

The following material contained less than one percent asbestos by polarized-light microscopy:

- Joint compound – Room 336;
- Asphaltic floor tile mastic – Room 336;
- Cove base mastic – Room 108; and
- Asphaltic floor tile mastic – Room 111.

The following material was presumed to contain asbestos following visual identification:

- Pipe insulation/associated hard-mudded fittings – various vacant and mechanical areas throughout the building;
- Fire doors – various locations (4);
- Window putty – all original windows; and
- Mechanical gaskets.

Through research with Seattle Parks and Recreation representatives, interviews with abatement contractors responsible for the removal of previously identified ACM, and site investigation and survey, SES presumes specific areas within the Community Center to be free of ACM. The

following is a list of currently renovated Community Center areas from which specific ACM has been removed:

- Main Entry Lobby and Lounge - vinyl asbestos floor tile (VAT);
- Theater Lobby - VAT;
- Meeting Room, Storage and Men's and Women's Restrooms – asbestos-containing ceiling tiles;
- Theater Attic/above ceiling space - asbestos-containing interior HVAC insulation and ACM pipe insulation;
- Mechanical space below the Projection Room – Machinery ACM (gaskets and insulation);
- Southern multi-purpose space Closet Room 345 (currently vacant and under partial demolition) – pipe Insulation associated with water servicing demolished lavatory/showers;
- Crawlspace beneath the Gymnasium/Handball courts – pipe Insulation and contaminated loose dirt and ACM debris;
- Pool Crawlspace –pipe Insulation and locations of asbestos contaminated dirt;
- Boiler Room – boiler Insulation and internal components;
- Gymnasium Bleacher Crawlspace – pipe insulation; and
- Roof – built-up roofing and CAB siding.

In addition, there are areas of the Community Center building in which only limited abatement activities have been performed and ACM currently remains. These include:

- Southern multi-purpose space Room 336 (currently vacant and under partial demolition) – “asbestos surfacing” on upper wall mullions (labeled), VAT and wall panel mastic;
- Theater Projection Room – VAT and associated mastic and concealed ACM pipe insulation;
- Basement Mechanical Room beneath the Gymnasium - pipe insulation and gaskets;
- Men's and Women's Locker Rooms on the ground floor – pipe insulation and VAT;
- Above ceiling space in the Storage Area beneath the Theater Stage – pipe insulation;
- Ground floor Storage Spaces 204, 206, 207, 208 behind the auditorium backstage – pipe insulation

Depending on the means and methods of planned future building renovations, scope conditions should allow for selective demolition to expose and remove any remaining ACM prior to demolition or renovation of the building for other activities.

#### 4.0 LEAD-BASED PAINT

Previous LBP sampling performed by the Department of the Navy, Navy Public Works Center, identified 147 positive LBP painted surfaces throughout the Naval Station Puget Sound on January 21, 1994. Negative samples (lead in concentrations less than 1 mg/cm<sup>2</sup>) were not included in report data. Inspection protocol utilized by the Navy was developed by the Department of Housing and Urban Development for determining lead hazards in public housing with a designation of 1 mg/cm<sup>2</sup> as the threshold level for abatement. *NAVSTA Puget Sound Lead Inspection Data* is attached to this report.

Ten bulk paint chip samples were taken of representative interior and exterior painted surfaces during the current hazardous materials inspection. These samples were analyzed for total lead content to determine the extent of LBP in the building and future demolition waste disposal purposes. Six of the ten paint samples were found to contain, not only detectable, but, elevated

concentrations of lead. Sample results ranged from <0.0003 to 23 percent lead by weight. Based on sample results and the age of the building, it is recommended that all painted coatings be considered LBP. For locations and results of current lead paint chip samples see Table 2 and Figures 1, 2, 3 and 4.

Damaged LBP, including that which was flaking, peeling and blistering, was observed throughout vacant interior and mechanical areas of the building. If this paint is to be impacted by future renovation activities it should be properly abated or removed, handled, disposed of, or recycled per WAC 296-155.

#### **4.1 TOXICITY CHARACTERISTIC LEACHING PROCEDURE**

Under current EPA regulations a hazardous waste is described by the Resource Conservation and Recovery Act (RCRA) as a solid waste with any of the four characteristics of a hazardous waste, including ignitability, corrosivity, reactivity or toxicity. Demolition waste containing lead-painted building materials may be defined as a hazardous waste if it exhibits the characteristic of toxicity. Demolition waste streams with lead concentrations exceeding 5.0 mg/ L when analyzed for lead by the Toxicity Characteristic Leaching Procedure (TCLP) are considered hazardous and have to be specially handled according to federal and state regulations including 40 CFR Part 247.

SES did not perform TCLP sampling as part of this hazardous material investigation as no plans for upcoming demolition or renovation of the Community Center have been made by Seattle Parks and Recreation at this time. However, considering previous lead paint sample data and the results of current representative bulk paint chip sampling, it is recommended that TCLP sampling of representative painted building materials comprising any future demolition waste stream be performed in conjunction with future plans for construction/demolition of previously un-renovated areas of the Community Center.

#### **5.0 POLYCHLORINATED-BIPHENYLS**

Representative fluorescent light fixtures were investigated for suspect PCB-containing ballasts. The ballasts inspected throughout the building's ground, main and mezzanine floors were found to have "No-PCB" labeling.

#### **6.0 LIMITATIONS**

Various concealed ACM present in inaccessible locations throughout the building was identified by limited selective demolition (using hand tools) and by abatement contractor interview. These materials include but are not limited to, asbestos-containing floor tile and associated mastic existing beneath carpeting in various locations throughout the building, asbestos-containing pipe insulation and hard-mudded fittings which are suspended, within wall, ceiling and floor cavities, associated with water piping to lavatories, showers, saunas, and slop sinks. Inaccessibility is defined as any restricted access space such as those requiring demolition, confined-space entry protocols or fall protection to gain access.

Due to the limited ability to perform selective demolition in areas of new renovation, SES has made its best attempt to research hazardous material information which identifies materials that exist in concealed locations. Should Seattle Parks and Recreation wish to demolish or renovate vacant building areas or those which have not been previously upgraded, it is recommended that

extensive selective demolition be performed under contract with a licensed abatement contractor in coordination with abatement activities related to the ACM identified in this report. In lieu of these types of invasive techniques, and by reviewing available record document building drawings from Seattle Parks and Recreation, SES has estimated concealed ACM throughout the building to the best of our ability. In no circumstances should this report be used in place of a proper hazardous materials specification document written by a certified AHERA Designer.

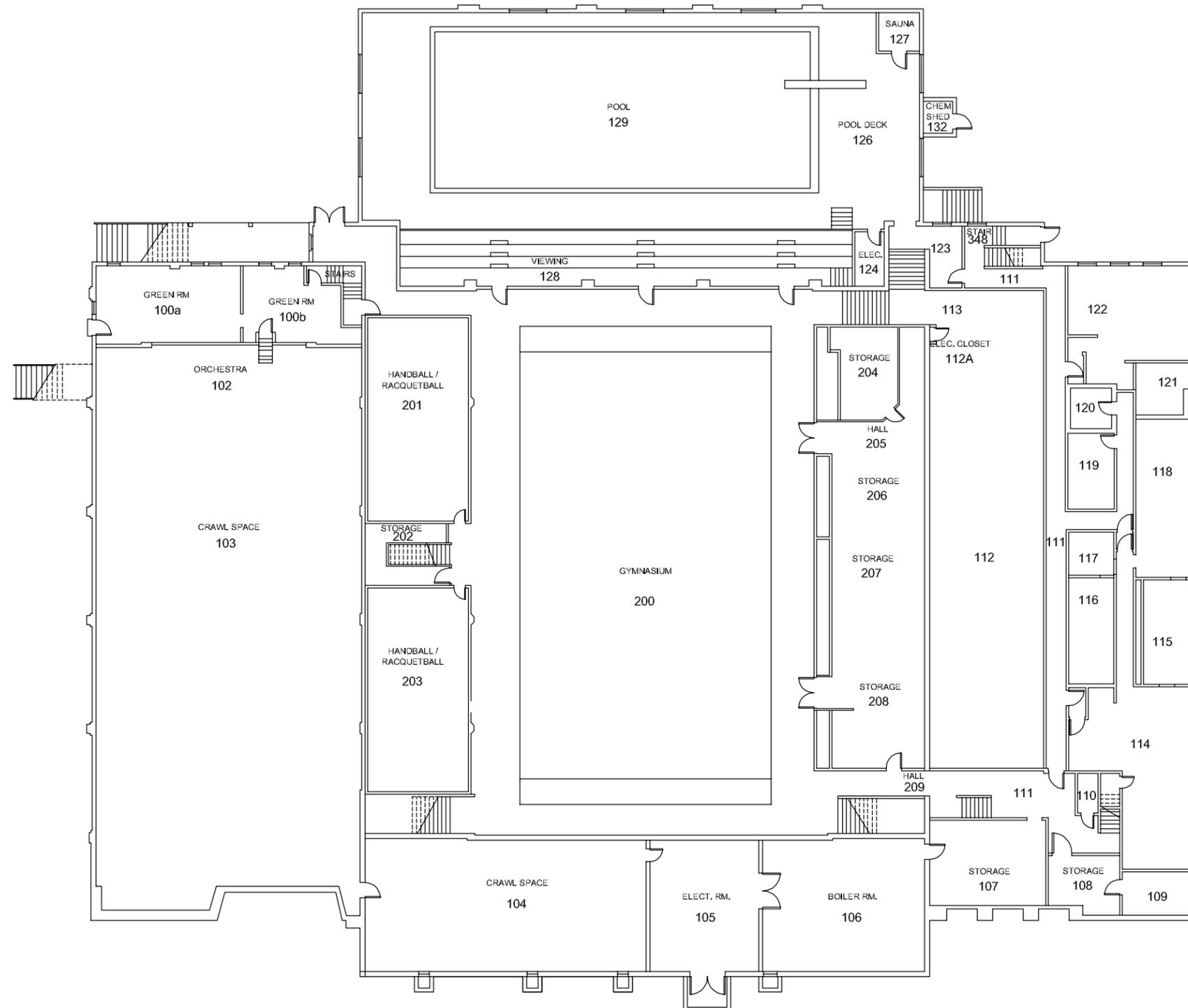
The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistently with our current client agreement. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this report.

# FIGURES

# SANDPOINT MAGNUSON PARK COMMUNITY CENTER BUILDING #47

## GROUND FLOOR PLAN



DATE: 10/27/05  
 DRAWN BY: BTS  
 CHK BY: GM  
 CAD FILE: GroundFloor

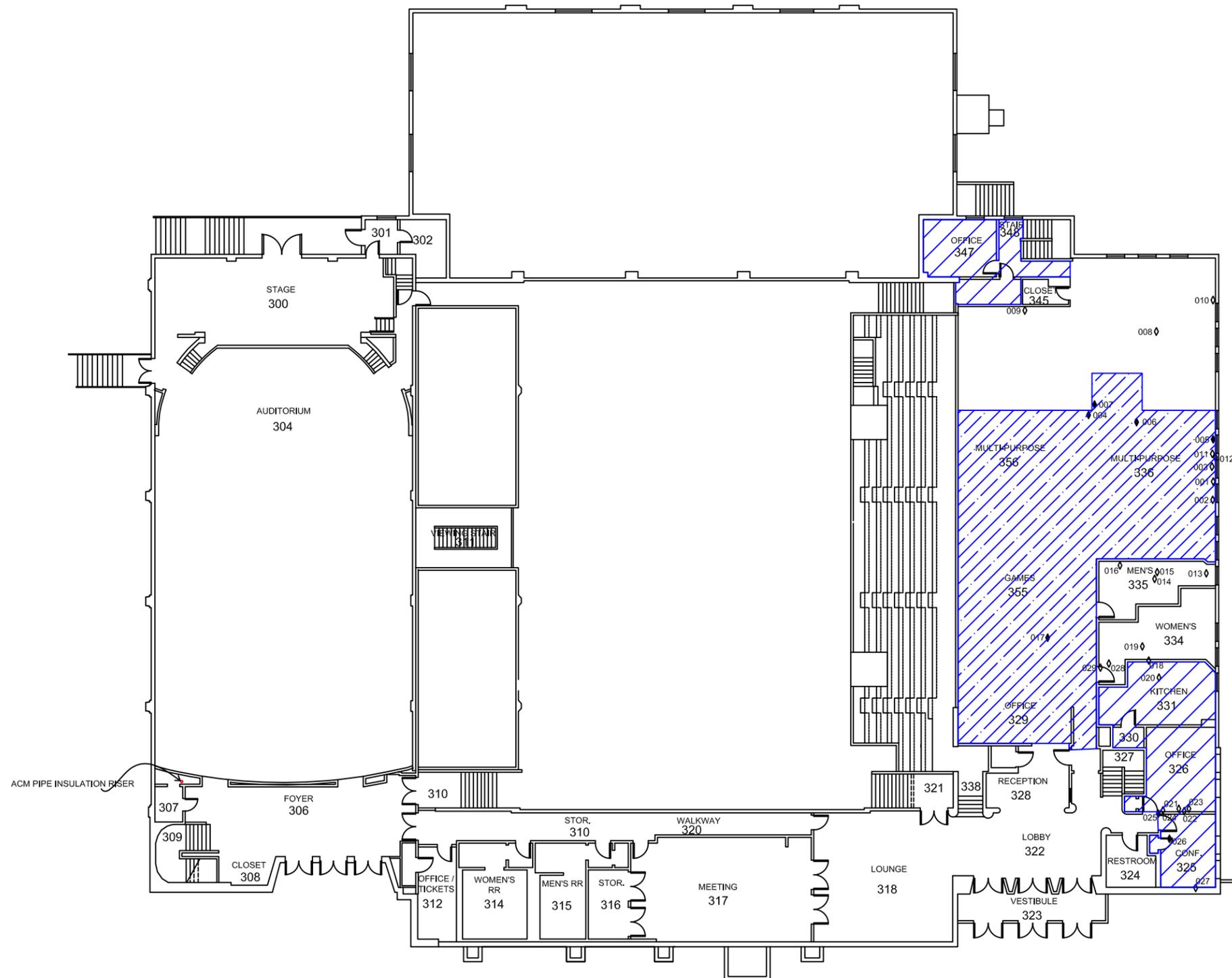
PROJECT NAME: SEATTLE PARKS AND RECREATION, SANDPOINT  
 LOCATION: MAGNUSON PK. COMMUNITY CENTER, BLDG #47  
 SEATTLE, WASHINGTON  
 SES PROJECT NUMBER: 0355-032-01



FIGURE 1  
 EXPLORATION LOCATION PLAN

# SANDPOINT MAGNUSON PARK COMMUNITY CENTER BUILDING #47

## MAIN FLOOR PLAN

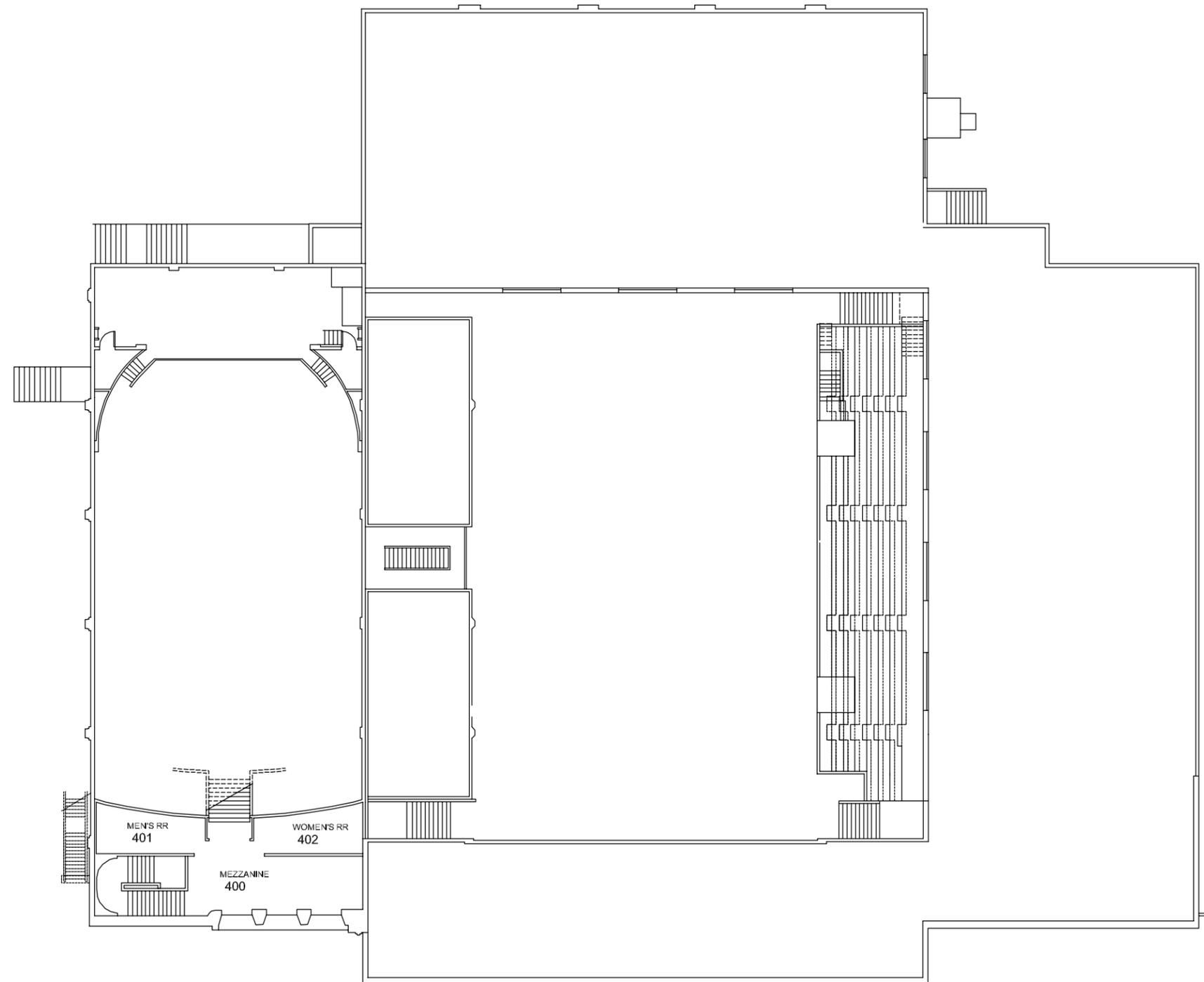


- Legend**
- |   |     |   |
|---|-----|---|
| ◆ ◆   | ◆ ◆ | Miscellaneous Asbestos Sample             |
| ● ●   | ● ● | Thermal System Insulation Asbestos Sample |
| ■ ■   | ■ ■ | Surfacing Asbestos Sample                 |
| ▲ ▲   | ▲ ▲ | Lead Paint Chip Sample                    |
|  |     | Vinyl Asbestos Floor Tile                 |
|  |     | Vinyl Asbestos Floor Tile beneath carpet  |



SANDPOINT MAGNUSON PARK  
COMMUNITY CENTER BUILDING #47

MEZZANINE/UPPER GYM



DATE: 10/27/05  
DRAWN BY: BTS  
CHK BY: GM  
CAD FILE: Mezzanine

PROJECT NAME: SEATTLE PARKS AND RECREATION, SANDPOINT  
LOCATION: MAGNUSON PK. COMMUNITY CENTER, BLDG #47  
SEATTLE, WASHINGTON  
SES PROJECT NUMBER: 0355-032-01

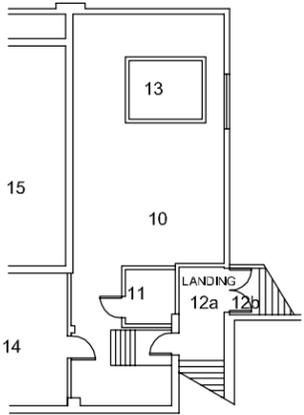
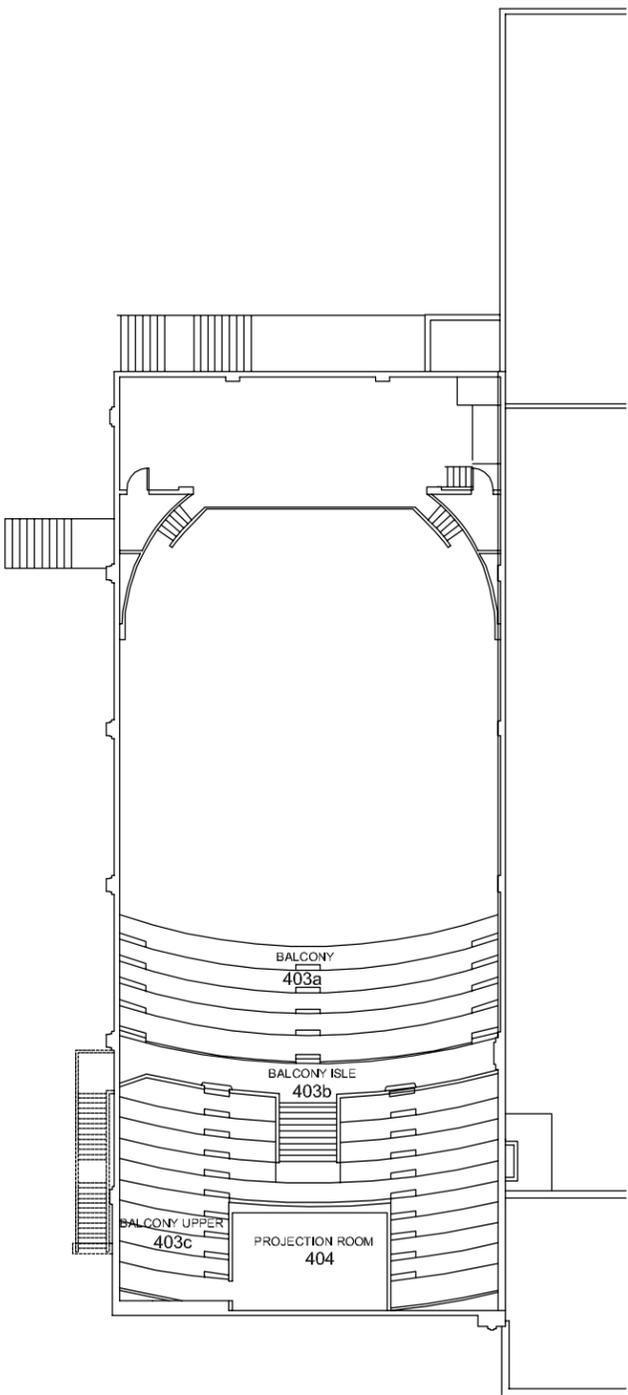


FIGURE 1  
EXPLORATION LOCATION PLAN

SANDPOINT MAGNUSON PARK  
COMMUNITY CENTER BUILDING #47

BALCONY

BASEMENT



DATE: 10/27/05  
DRAWN BY: BTS  
CHK BY: GM  
CAD FILE: Balcony

PROJECT NAME: SEATTLE PARKS AND RECREATION, SANDPOINT  
LOCATION: MAGNUSON PK. COMMUNITY CENTER, BLDG #47  
SEATTLE, WASHINGTON  
SES PROJECT NUMBER: 0355-032-01



FIGURE 1  
EXPLORATION LOCATION PLAN

# TABLES

**Table 1**  
**Asbestos Sample Results**  
Sand Point Magnuson Park Community Center Building #47  
7400 Sandpoint Way NE, Seattle, Washington

Project Number	Sample Number	Material Description	Location	Lab Description	Asbestos Content
0355-032-01	001	Joint Compound	Room 336 W	White compressed powder	Low Asbestos Content
0355-032-01	002	Panel Mastic/Plaster Wall	Room 336 South	Yellow mastic on multiple paint layers on white and gray gritty compressed material	No Asbestos Detected
0355-032-01	003	Panel Mastic	Room 336 South Center	Yellow mastic mixed with paint layers	No Asbestos Detected
<b>0355-032-01</b>	<b>004</b>	<b>12" Black Floor Tile</b>	<b>Room 336</b>	<b>Layer 1: Black vinyl with white streaks</b>	<b>4% Chrysotile</b>
		Asphaltic Mastic		Layer 2: Black asphaltic mastic on black asphaltic fibrous material	Low Asbestos Content
<b>0355-032-01</b>	<b>005</b>	<b>9" Brown Floor Tile</b>	<b>Room 336 SC</b>	<b>Layer 1: Brown vinyl with white streaks</b>	<b>5% Chrysotile</b>
		Mastic		Layer 2: Black asphaltic mastic on black asphaltic fibrous material	Low Asbestos Content
0355-032-01	006	Leveling Compound	Room 336 Center	Layer 1: Gray grainy material	No Asbestos Detected
		<b>9" Brown Floor Tile</b>		<b>Layer 2: Brown vinyl with white streaks</b>	<b>5% Chrysotile</b>
		Mastic		Layer 3: Black asphaltic mastic on black asphaltic fibrous material	Low Asbestos Content
<b>0355-032-01</b>	<b>007</b>	<b>12" Red Floor Tile</b>	<b>Room 336</b>	<b>Layer 1: Brown vinyl with yellow streaks</b>	<b>4% Chrysotile</b>
		Mastic		Layer 2: Black asphaltic fibrous mastic	Low Asbestos Content
0355-032-01	008	Asphaltic Sheet Flooring	Room 336 East	Layer 1: Pink and tan paper	No Asbestos Detected
		Wood Sub Floor		Layer 2: Black asphaltic fibrous material with small pebbles	No Asbestos Detected
0355-032-01	009	Asphaltic Wall Mastic	Room 336 NE	Black asphaltic fibrous material	No Asbestos Detected
0355-032-01	010	Plaster Wall Column	Room 336 SE	Green and yellow paint layers on white coarse compressed powder	No Asbestos Detected
0355-032-01	011	Plaster Wall Column	Room 336 SW	Multiple paint layers on white and gray gritty compressed material	No Asbestos Detected
0355-032-01	012	Plaster Wall Column	Room 336 SW, Top	Multiple paint layers on white and gray gritty compressed material	No Asbestos Detected
0355-032-01	013	1" Ceramic Floor Tile	Room 335 South	Layer 1: Brown, white and gray speckled ceramic material	No Asbestos Detected

**Table 1**  
**Asbestos Sample Results**  
Sand Point Magnuson Park Community Center Building #47  
7400 Sandpoint Way NE, Seattle, Washington

Project Number	Sample Number	Material Description	Location	Lab Description	Asbestos Content
		Grout		Layer 2: Gray gritty material	No Asbestos Detected
		Mastic		Layer 3: Yellow residue on tan fibrous material	No Asbestos Detected
0355-032-01	014	4" Ceramic Wall Tile	Room 335 Center	Layer 1: White ceramic material	No Asbestos Detected
		Grout		Layer 2: White gritty material	No Asbestos Detected
		Mastic		Layer 3: Yellow mastic	No Asbestos Detected
0355-032-01	015	Joint Compound	Room 335 Center	Layer 1: White paint on white gritty compressed material on white woven fibers	No Asbestos Detected
		Gypsum Wallboard		Layer 2: Tan paper on white fibrous chalky powder	No Asbestos Detected
0355-032-01	016	Joint Compound	Room 335 Center N	Layer 1: White paint on white gritty compressed material on white woven fibers	No Asbestos Detected
		Gypsum Wallboard		Layer 2: Tan paper on white fibrous chalky powder	No Asbestos Detected
0355-032-01	017	9" Black Floor Tile	Room 355	Layer 1: Black vinyl	2% Chrysotile
		Carpet Mastic		Layer 2: Yellow mastic	No Asbestos Detected
		Mastic		Layer 3: Black asphaltic fibrous material on wood	No Asbestos Detected
0355-032-01	018	4" Ceramic Floor Tile and Grout	Room 334 Shower	Blue paint on tan and gray gritty material	No Asbestos Detected
0355-032-01	019	Asphaltic Sheet Flooring on Wood Sub Floor	Room 334 Shower	Black asphaltic fibrous material	No Asbestos Detected
0355-032-01	020	4" Ceramic Floor Tile	Rom 331 E below carpet	Red ceramic material	No Asbestos Detected
		Grout		White gritty material	No Asbestos Detected
0355-032-01	021	Fireproofing	Room 326 SW	White fibrous compressed material	No Asbestos Detected

**Table 1**  
**Asbestos Sample Results**  
Sand Point Magnuson Park Community Center Building #47  
7400 Sandpoint Way NE, Seattle, Washington

Project Number	Sample Number	Material Description	Location	Lab Description	Asbestos Content
0355-032-01	022	Fireproofing	Room 326 NW	White fibrous compressed material	No Asbestos Detected
0355-032-01	023	Fireproofing	Room 326 West Center	White fibrous compressed material	No Asbestos Detected
0355-032-01	024	Plaster Wall	Room 326 West	Multiple paint layers on white and gray gritty compressed material	No Asbestos Detected
<b>0355-032-01</b>	<b>025</b>	<b>Wall Panel Mastic</b>	<b>Room 326 at Door</b>	<b>Green and orange paint layers on brown mastic with wood chips</b>	<b>7% Chrysotile</b>
<b>0355-032-01</b>	<b>026</b>	<b>Wall Panel Mastic</b>	<b>Room 325</b>	<b>Green and light-orange paint layers on brown mastic with wood chips</b>	<b>5% Chrysotile</b>
0355-032-01	027	Exterior Brick Mortar	Room 325	Gray gritty material	No Asbestos Detected
0355-032-01	028	Gray Pebble Pattern Sheet Vinyl	Slop Sink between RR's, Vacant Space, Main Floor South	Gray, black, brown and red vinyl with light-brown fibrous backing and black asphaltic residue	No Asbestos Detected
		Underlayment		Black asphaltic material with brown compressed powder	No Asbestos Detected
0355-032-01	029	4" Blue Cove Base Mastic	Room 348	Bright blue paint on black vinyl Tan non-fibrous material with white paint and white compressed gritty material	No Asbestos Detected No Asbestos Detected
0355-032-01	030	4" Black Cove Base Mastic	Room 108 N Wall	Black vinyl Brown non-fibrous material with tan residue	No Asbestos Detected Low Asbestos Content
0355-032-01	031	4" Red Cove Base Mastic	Room 108 Center	Red paint on black and white vinyl Brown non-fibrous material	No Asbestos Detected No Asbestos Detected
0355-032-01	032	Column Plaster	Room 108 S Wall	White gritty compressed material	No Asbestos Detected
<b>0355-032-01</b>	<b>033</b>	<b>12" Red Floor Tile</b> Mastic	<b>Room 111 W</b>	<b>Red vinyl</b> Black asphaltic material	<b>4% Chrysotile</b> Low Asbestos Content

**Table 1**  
**Asbestos Sample Results**  
Sand Point Magnuson Park Community Center Building #47  
7400 Sandpoint Way NE, Seattle, Washington

Project Number	Sample Number	Material Description	Location	Lab Description	Asbestos Content
0355-032-01	034	12" Gray Floor Tile Mastic	Room 111 W	Gray and brown vinyl Black asphaltic material	<b>3% Chrysotile</b> Low Asbestos Content
0355-032-01	035	1" Ceramic Bench Tile	Room 120 Sauna	White ceramic material	No Asbestos Detected
		Grout		White and off-white compressed gritty material	No Asbestos Detected
0355-032-01	036	2' x 4' Fissured Lay-In Ceiling Tile	Auditorium Balcony SW	White paint on off-white fibrous compressed material with tan residue	No Asbestos Detected
0355-032-01	037	Gray Sink Undercoat	Room 318 Lobby Sink	Gray fibrous chunks	No Asbestos Detected
0355-032-01	038	1' Fissured Ceiling Tile	Room 122	White paint on light gray fibrous compressed material	No Asbestos Detected
0355-032-01	039	2" Ceramic Floor Tile	Room 120 Sauna	Yellow and white ceramic material	No Asbestos Detected
		Grout		White compressed gritty material	No Asbestos Detected
		Grout		Gray and tan compressed gritty material	No Asbestos Detected
0355-032-01	040	4" White Ceramic Wall Tile	Room 122	White ceramic material	No Asbestos Detected
		Grout		White compressed non-fibrous hard material	No Asbestos Detected
		Grout		White gritty powdery compressed material	No Asbestos Detected

**bold** text = greater than (>) 1% Asbestos

"Low Asbestos Content" = <1% Asbestos

ND = No Asbestos Detected

Samples containing more than 1% asbestos are regulated by the Washington State Labor and Industries and PSCAA



**Table 2**  
**Lead-Based Paint Chip Sample Inventory**  
 Sand Point Magnuson Park Community Center Building #47  
 7400 Sandpoint Way NE, Seattle, Washington

Sample Number		Paint Color/Substrate/Component	Location	Results in % by Weight
<b>0355-032-01</b>	<b>LBP01</b>	<b>Medium Green/Plaster/Wall</b>	<b>Room 324 S</b>	<b>0.66</b>
0355-032-01	LBP02	Sky Blue/Concrete/Wall	Room 129 Pool	<0.0003
<b>0355-032-01</b>	<b>LBP03</b>	<b>Light Yellow/Plaster/Wall</b>	<b>Room 344</b>	<b>0.47</b>
0355-032-01	LBP04	Green/Wood/Wall	Room 337	0.079
<b>0355-032-01</b>	<b>LBP05</b>	<b>Gray/Plaster/Wall</b>	<b>Room 111</b>	<b>23.0</b>
<b>0355-032-01</b>	<b>LBP06</b>	<b>Blue/Plaster/Wall</b>	<b>Room 111</b>	<b>4.8</b>
<b>0355-032-01</b>	<b>LBP07</b>	<b>Light Green/Plaster/Wall</b>	<b>Room 108 N</b>	<b>0.55</b>
0355-032-01	LBP08	Light Blue/Plaster/Wall	Room 330 W Closet	<0.0003
<b>0355-032-01</b>	<b>LBP09</b>	<b>Yellow/Plaster/Wall</b>	<b>Room 331 E</b>	<b>17.0</b>
0355-032-01	LBP10	White/Concrete/Ceiling	Room 337	0.12

**bold** text = paint defined by HUD as being lead-based (bulk sample tests indicate lead concentrations greater than 0.5% by weight)  
 < = Less than the detection limit

# **APPENDIX A**

## **Current Asbestos Laboratory Results**



4636 E. Marginal Way South, Suite 140  
Seattle, WA 98134  
(206) 763-7364

October 25, 2005

Gwen McCullough  
Sound Environmental Strategies  
2400 Airport Way South, Suite 200  
Seattle WA 98134-2020

Clayton Log Number: 40298

Reference: 77-05076.00

Dear Gwen McCullough:

Clayton Group Services received 27 sample(s) on 10/18/2005 for the analyses presented in the following report.

Enclosed is a copy of the Chain-of-Custody acknowledging receipt of these samples. Please note that any unused portion of the samples will be discarded one year after the date of this report, unless you have requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact the Laboratory at (800) 568-7755.

Sincerely,

A handwritten signature in black ink, appearing to read "Tracy Perkins". The signature is fluid and cursive, with a large, stylized initial "T" and "P".

Tracy Perkins  
Laboratory Manager

Enc.



**Client Name:** Sound Environmental Strategies

**Contact:** Gwen McCullough

**Job Location:** None Given

**PO/Job#:** 0355-032-01

**SAMPLE #:** 0355-032-01-001

**LAB #:** 40298.1

**SOURCE:** Joint Compound

**LOCATION:** 336 SW

**MATERIAL DESCRIPTION:** HOMOGENEOUS

*White compressed powder*

**RESULTS:**

*Low Asbestos Content*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
Chrysotile	Trace

OTHER FIBERS

Cellulose %  
Trace

OTHER MATERIALS

Filler & Binder %  
100

*Note:*

**SAMPLE #:** 0355-032-01-002

**LAB #:** 40298.2

**SOURCE:** Panel Mastic/Plaster Wall

**LOCATION:** 336 South

**MATERIAL DESCRIPTION:** LAYERED

*Yellow mastic on multiple paint layers on white and gray gritty compressed material*

**RESULTS:**

Layers Homogenized for Analysis

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>

OTHER FIBERS

Cellulose %  
Trace

OTHER MATERIALS

Aggregate %  
35  
Filler & Binder %  
50  
Paint %  
15

*Note: Unable to separate mastic for individual analysis.*

**SAMPLE #:** 0355-032-01-003

**LAB #:** 40298.3

**SOURCE:** Panel Mastic

**LOCATION:** 336 South Center

**MATERIAL DESCRIPTION:** HOMOGENEOUS

*Yellow mastic mixed with paint layers*

**RESULTS:**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>

OTHER FIBERS

Cellulose %  
1

OTHER MATERIALS

Filler & Binder %  
90  
Paint %  
9

*Note:*

**SAMPLED BY:** G. McCullough/C. League **DATE:** 10/18/2005

**ANALYZED BY:** Rachel Melgoza **DATE:** 10/24/2005

**COMPANY:** Sound Environmental Strategies

**RECEIVED BY:** Tim Moffett

**DATE:** 10/18/2005

*Tracy Perkins*  
Tracy Perkins or other NVLAP Approved Signatory

Tracy Perkins or other NVLAP Approved Signatory

**Client Name:** Sound Environmental Strategies

**Contact:** Gwen McCullough

**Job Location:** None Given

**PO/Job#:** 0355-032-01

**LAYERED SAMPLE: NESHAP and AHERA regulations require layers be analyzed and reported separately.**

**SAMPLE #:** 0355-032-01-004

**LAB #:** 40298.4A

**SOURCE:** 12" Floor Tile

**LOCATION:** 336

**MATERIAL DESCRIPTION:**

*Black vinyl with white streaks*

**LAYER 1 RESULTS:**

**Asbestos Containing Material (ACM)**

ASBESTOS TYPE	PERCENT
Chrysotile	4

Note:

OTHER FIBERS	%
Cellulose	1

OTHER MATERIALS	%
Aggregate	35
Vinyl Filler and Binder	60

**SAMPLE #:** 0355-032-01-004

**LAB #:** 40298.4B

**SOURCE:** Mastic

**LOCATION:** 336

**MATERIAL DESCRIPTION:**

*Black asphaltic mastic on black asphaltic fibrous material*

**LAYER 2 RESULTS:**

**Low Asbestos Content**

ASBESTOS TYPE	PERCENT
Chrysotile	Trace

Note: Unable to separate mastic for individual analysis. Wood not analyzed.

OTHER FIBERS	%
Cellulose	25
Synthetic	10

OTHER MATERIALS	%
Asphalt Filler & Binder	65

**LAYERED SAMPLE: NESHAP and AHERA regulations require layers be analyzed and reported separately.**

**SAMPLE #:** 0355-032-01-005

**LAB #:** 40298.5A

**SOURCE:** 9" Floor Tile

**LOCATION:** 336 SC

**MATERIAL DESCRIPTION:**

*Brown vinyl with white streaks*

**LAYER 1 RESULTS:**

**Asbestos Containing Material (ACM)**

ASBESTOS TYPE	PERCENT
Chrysotile	5

Note:

OTHER FIBERS	%
Cellulose	Trace

OTHER MATERIALS	%
Aggregate	35
Vinyl Filler and Binder	60

**SAMPLED BY:** G. McCullough/C. League **DATE:** 10/18/2005

**ANALYZED BY:** Rachel Melgoza **DATE:** 10/24/2005

**COMPANY:** Sound Environmental Strategies

**RECEIVED BY:** Tim Moffett

**DATE:** 10/18/2005

*Tracy Perkins*  
Tracy Perkins or other NVLAP Approved Signatory

Client Name: **Sound Environmental Strategies**

Contact: **Gwen McCullough**

Job Location: **None Given**

PO/Job#: **0355-032-01**

SAMPLE #: **0355-032-01-005**

LAB #: 40298.5B

SOURCE: **Mastic**

LOCATION: **336 SC**

MATERIAL DESCRIPTION:

*Black asphaltic mastic on black asphaltic fibrous material*

**LAYER 2 RESULTS:**

*Low Asbestos Content*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
Chrysotile	Trace

OTHER FIBERS

Cellulose	25
Synthetic	5

OTHER MATERIALS

Asphalt Filler & Binder	70
-------------------------	----

Note: Unable to separate mastic for individual analysis. Wood not analyzed.

**LAYERED SAMPLE: NESHAP and AHERA regulations require layers be analyzed and reported separately.**

SAMPLE #: **0355-032-01-006**

LAB #: 40298.6A

SOURCE: **Leveling Compound**

LOCATION: **336 Center**

MATERIAL DESCRIPTION:

*Gray grainy material*

**LAYER 1 RESULTS:**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>

OTHER FIBERS

Cellulose	1
Synthetic	1

OTHER MATERIALS

Aggregate	20
Filler & Binder	78

Note:

SAMPLE #: **0355-032-01-006**

LAB #: 40298.6B

SOURCE: **9" Floor Tile**

LOCATION: **336 Center**

MATERIAL DESCRIPTION:

*Brown vinyl with white streaks*

**LAYER 2 RESULTS:**

*Asbestos Containing Material (ACM)*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
Chrysotile	5

OTHER FIBERS

Cellulose	Trace
-----------	-------

OTHER MATERIALS

Aggregate	35
Vinyl Filler and Binder	60

Note:

SAMPLED BY: G. McCullough/C. League DATE: 10/18/2005

ANALYZED BY: Rachel Melgoza DATE: 10/24/2005

COMPANY: Sound Environmental Strategies

RECEIVED BY: Tim Moffett

DATE: 10/18/2005

Tracy Perkins or other NVLAP Approved Signatory

**Client Name:** Sound Environmental Strategies

**Contact:** Gwen McCullough

**Job Location:** None Given

**PO/Job#:** 0355-032-01

**SAMPLE #:** 0355-032-01-006

**LAB #:** 40298.6C

**SOURCE:** Mastic/Vapor Barrier

**LOCATION:** 336 Center

MATERIAL DESCRIPTION:

*Black asphaltic mastic on black asphaltic fibrous material*

**LAYER 3 RESULTS:**

*Low Asbestos Content*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
Chrysotile	Trace

*Note: Unable to separate mastic for individual analysis.*

OTHER FIBERS

Cellulose	25
Synthetic	7

OTHER MATERIALS

Asphalt Filler & Binder	68
-------------------------	----

**LAYERED SAMPLE: NESHAP and AHERA regulations require layers be analyzed and reported separately.**

**SAMPLE #:** 0355-032-01-007

**LAB #:** 40298.7A

**SOURCE:** 12" Floor Tile

**LOCATION:** 336

MATERIAL DESCRIPTION:

*Brown vinyl with yellow streaks*

**LAYER 1 RESULTS:**

*Asbestos Containing Material (ACM)*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
Chrysotile	4

*Note:*

OTHER FIBERS

Cellulose	Trace
-----------	-------

OTHER MATERIALS

Aggregate	34
Vinyl Filler and Binder	62

**SAMPLE #:** 0355-032-01-007

**LAB #:** 40298.7B

**SOURCE:** Mastic

**LOCATION:** 336

MATERIAL DESCRIPTION:

*Black asphaltic fibrous mastic*

**LAYER 2 RESULTS:**

*Low Asbestos Content*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
Chrysotile	Less than 1

*Note:*

OTHER FIBERS

Cellulose	7
Synthetic	3

OTHER MATERIALS

Asphalt Filler & Binder	90
-------------------------	----

**SAMPLED BY:** G. McCullough/C. League **DATE:** 10/18/2005

**ANALYZED BY:** Rachel Melgoza **DATE:** 10/24/2005

**COMPANY:** Sound Environmental Strategies

**RECEIVED BY:** Tim Moffett

**DATE:** 10/18/2005

*Tracy Perkins or other NVLAP Approved Signatory*

**Client Name:** Sound Environmental Strategies

**Contact:** Gwen McCullough

**Job Location:** None Given

**PO/Job#:** 0355-032-01

**LAYERED SAMPLE:** NESHAP and AHERA regulations require layers be analyzed and reported separately.

**SAMPLE #:** 0355-032-01-008

**LAB #:** 40298.8A

**SOURCE:** Not Noted

**LOCATION:** 336 East, on Subfloor

**MATERIAL DESCRIPTION:**

*Pink and tan paper*

**LAYER 1 RESULTS:**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
No Asbestos Detected	

**OTHER FIBERS** %

Cellulose 95

**OTHER MATERIALS** %

Filler & Binder 5

Note:

**SAMPLE #:** 0355-032-01-008

**LAB #:** 40298.8B

**SOURCE:** Sheet

**LOCATION:** 336 East, on Subfloor

**MATERIAL DESCRIPTION:**

*Black asphaltic fibrous material with small pebbles*

**LAYER 2 RESULTS:**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
No Asbestos Detected	

**OTHER FIBERS** %

Cellulose 30

Synthetic 5

**OTHER MATERIALS** %

Aggregate 5

Asphalt Filler & Binder 60

Note:

**SAMPLE #:** 0355-032-01-009

**LAB #:** 40298.9

**SOURCE:** Wall Mastic

**LOCATION:** 336 NE

**MATERIAL DESCRIPTION:** HOMOGENEOUS

*Black asphaltic fibrous material*

**RESULTS:**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
No Asbestos Detected	

**OTHER FIBERS** %

Cellulose 40

**OTHER MATERIALS** %

Asphalt Filler & Binder 60

Note:

**SAMPLED BY:** G. McCullough/C. League **DATE:** 10/18/2005

**ANALYZED BY:** Rachel Melgoza **DATE:** 10/24/2005

**COMPANY:** Sound Environmental Strategies

**RECEIVED BY:** Tim Moffett

**DATE:** 10/18/2005

Tracy Perkins or other NVLAP Approved Signatory

**Client Name:** Sound Environmental Strategies

**Contact:** Gwen McCullough

**Job Location:** None Given

**PO/Job#:** 0355-032-01

**SAMPLE #:** 0355-032-01-010

**LAB #:** 40298.10

**SOURCE:** Plaster Wall Col.

**LOCATION:** 336 SE

**MATERIAL DESCRIPTION:** LAYERED

*Green and yellow paint layers on white coarse compressed powder*

**RESULTS:**

Layers Homogenized for Analysis

**No Asbestos Detected**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
No Asbestos Detected	

**OTHER FIBERS**

Fiber Type	%
Cellulose	Trace
Synthetic	Trace

**OTHER MATERIALS**

Material	%
Filler & Binder	90
Paint	10

Note:

**SAMPLE #:** 0355-032-01-011

**LAB #:** 40298.11

**SOURCE:** Plaster Wall Col.

**LOCATION:** 336 SW

**MATERIAL DESCRIPTION:** LAYERED

*Multiple paint layers on white and gray gritty compressed material*

**RESULTS:**

Layers Homogenized for Analysis

**No Asbestos Detected**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
No Asbestos Detected	

**OTHER FIBERS**

Fiber Type	%
Cellulose	Trace

**OTHER MATERIALS**

Material	%
Aggregate	25
Filler & Binder	60
Paint	15

Note:

**SAMPLE #:** 0355-032-01-012

**LAB #:** 40298.12

**SOURCE:** Plaster Wall Col.

**LOCATION:** 336 SW UPR

**MATERIAL DESCRIPTION:** LAYERED

*Multiple paint layers on white and gray gritty compressed material*

**RESULTS:**

Layers Homogenized for Analysis

**No Asbestos Detected**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
No Asbestos Detected	

**OTHER FIBERS**

Fiber Type	%
Cellulose	Trace

**OTHER MATERIALS**

Material	%
Aggregate	30
Filler & Binder	55
Paint	15

Note:

**SAMPLED BY:** G. McCullough/C. League **DATE:** 10/18/2005

**ANALYZED BY:** Rachel Melgoza **DATE:** 10/24/2005

**COMPANY:** Sound Environmental Strategies

**RECEIVED BY:** Tim Moffett

**DATE:** 10/18/2005

*[Signature]*  
Tracy Perkins or other NVLAP Approved Signatory

**Client Name:** Sound Environmental Strategies

**Contact:** Gwen McCullough

**Job Location:** None Given

**PO/Job#:** 0355-032-01

**LAYERED SAMPLE: NESHAP and AHERA regulations require layers be analyzed and reported separately.**

**SAMPLE #:** 0355-032-01-013

**LAB #:** 40298.13A

**SOURCE:** 1" Ceramic Tile

**LOCATION:** 335 South

**MATERIAL DESCRIPTION:**

*Brown, white and gray speckled ceramic material*

**LAYER 1 RESULTS:**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
<i>No Asbestos Detected</i>	

OTHER FIBERS %

OTHER MATERIALS %

Mineral Filler & Binder 100

Note:

**SAMPLE #:** 0355-032-01-013

**LAB #:** 40298.13B

**SOURCE:** Grout

**LOCATION:** 335 South

**MATERIAL DESCRIPTION:**

*Gray gritty material*

**LAYER 2 RESULTS:**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
<i>No Asbestos Detected</i>	

OTHER FIBERS %

Cellulose Trace

OTHER MATERIALS %

Aggregate 35

Filler & Binder 65

Note:

**SAMPLE #:** 0355-032-01-013

**LAB #:** 40298.13C

**SOURCE:** Not Noted

**LOCATION:** 335 South

**MATERIAL DESCRIPTION:**

*Yellow residue on tan fibrous material*

**LAYER 3 RESULTS:**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
<i>No Asbestos Detected</i>	

OTHER FIBERS %

Cellulose 15

OTHER MATERIALS %

Filler & Binder 80

Wollastonite 5

Note:

**SAMPLED BY:** G. McCullough/C. League **DATE:** 10/18/2005

**ANALYZED BY:** Rachel Melgoza **DATE:** 10/24/2005

**COMPANY:** Sound Environmental Strategies

**RECEIVED BY:** Tim Moffett

**DATE:** 10/18/2005

*[Signature]*  
Tracy Perkins or other NVLAP Approved Signatory

**Client Name:** Sound Environmental Strategies

**Contact:** Gwen McCullough

**Job Location:** None Given

**PO/Job#:** 0355-032-01

**LAYERED SAMPLE:** NESHAP and AHERA regulations require layers be analyzed and reported separately.

**SAMPLE #:** 0355-032-01-014

**LAYER 1 RESULTS:**

**OTHER FIBERS** %

**LAB #:** 40298.14A

**SOURCE:** 4" Ceramic Tile

**LOCATION:** 335 Center

**MATERIAL DESCRIPTION:**

*White ceramic material*

*No Asbestos Detected*

**ASBESTOS TYPE PERCENT**

**OTHER MATERIALS** %

Mineral Filler & Binder 100

*Note:*

**SAMPLE #:** 0355-032-01-014

**LAYER 2 RESULTS:**

**OTHER FIBERS** %

**LAB #:** 40298.14B

**SOURCE:** Grout

**LOCATION:** 335 Center

**MATERIAL DESCRIPTION:**

*White gritty material*

*No Asbestos Detected*

**ASBESTOS TYPE PERCENT**

**OTHER MATERIALS** %

Aggregate 15

Filler & Binder 85

*Note:*

**SAMPLE #:** 0355-032-01-014

**LAYER 3 RESULTS:**

**OTHER FIBERS** %

**LAB #:** 40298.14C

**SOURCE:** Mastic

**LOCATION:** 335 Center

**MATERIAL DESCRIPTION:**

*Yellow mastic*

*No Asbestos Detected*

**ASBESTOS TYPE PERCENT**

Cellulose Trace

**OTHER MATERIALS** %

Filler & Binder 100

*Note:*

**SAMPLED BY:** G. McCullough/C. League **DATE:** 10/18/2005

**ANALYZED BY:** Rachel Melgoza **DATE:** 10/24/2005

**COMPANY:** Sound Environmental Strategies

**RECEIVED BY:** Tim Moffett

**DATE:** 10/18/2005

Tracy Perkins or other NVLAP Approved Signatory

Client Name: **Sound Environmental Strategies**

Contact: **Gwen McCullough**

Job Location: **None Given**

PO/Job#: **0355-032-01**

**LAYERED SAMPLE: NESHAP and AHERA regulations require layers be analyzed and reported separately.**

**SAMPLE #:** 0355-032-01-015

**LAB #:** 40298.15A

**SOURCE:** Joint Compound

**LOCATION:** 335 Center

**MATERIAL DESCRIPTION:**

*White paint on white gritty compressed material on white woven fibers*

**LAYER 1 RESULTS:**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
<i>No Asbestos Detected</i>	

**OTHER FIBERS** %

Glass Fiber 17

**OTHER MATERIALS** %

Aggregate 25  
Filler & Binder 50  
Paint 8

Note:

**SAMPLE #:** 0355-032-01-015

**LAB #:** 40298.15B

**SOURCE:** Gypsum Wallboard

**LOCATION:** 335 Center

**MATERIAL DESCRIPTION:**

*Tan paper on white fibrous chalky powder*

**LAYER 2 RESULTS:**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
<i>No Asbestos Detected</i>	

**OTHER FIBERS** %

Cellulose 20  
Glass Fiber 5

**OTHER MATERIALS** %

Filler & Binder 68  
Mica 7

Note:

**LAYERED SAMPLE: NESHAP and AHERA regulations require layers be analyzed and reported separately.**

**SAMPLE #:** 0355-032-01-016

**LAB #:** 40298.16A

**SOURCE:** Joint Compound

**LOCATION:** Room 335, Center North

**MATERIAL DESCRIPTION:**

*White paint on white gritty compressed material on white woven fibers*

**LAYER 1 RESULTS:**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
<i>No Asbestos Detected</i>	

**OTHER FIBERS** %

Glass Fiber 15

**OTHER MATERIALS** %

Aggregate 25  
Filler & Binder 50  
Paint 10

Note:

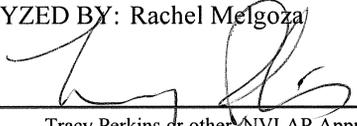
SAMPLED BY: G. McCullough/C. League DATE: 10/18/2005

ANALYZED BY: Rachel Melgoza DATE: 10/24/2005

COMPANY: Sound Environmental Strategies

RECEIVED BY: Tim Moffett

DATE: 10/18/2005

  
Tracy Perkins or other NVLAP Approved Signatory

Client Name: **Sound Environmental Strategies**

Contact: **Gwen McCullough**

Job Location: **None Given**

PO/Job#: **0355-032-01**

SAMPLE #: **0355-032-01-016**

LAB #: 40298.16B

SOURCE: **Gypsum Wallboard**

LOCATION: **Room 335, Center North**

MATERIAL DESCRIPTION:

*Tan paper on white fibrous chalky powder*

**LAYER 2 RESULTS:**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
<i>No Asbestos Detected</i>	

OTHER FIBERS %

Cellulose	25
Glass Fiber	3

OTHER MATERIALS %

Filler & Binder	65
Mica	7

Note:

**LAYERED SAMPLE: NESHAP and AHERA regulations require layers be analyzed and reported separately.**

SAMPLE #: **0355-032-01-017**

LAB #: 40298.17A

SOURCE: **9" Floor Tile**

LOCATION: **Room 355, under Carpet**

MATERIAL DESCRIPTION:

*Black vinyl*

**LAYER 1 RESULTS:**

*Asbestos Containing Material (ACM)*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
Chrysotile	2

OTHER FIBERS %

Cellulose	1
-----------	---

OTHER MATERIALS %

Aggregate	32
Vinyl Filler and Binder	65

Note:

SAMPLE #: **0355-032-01-017**

LAB #: 40298.17B

SOURCE: **Mastic**

LOCATION: **Room 355, under Carpet**

MATERIAL DESCRIPTION:

*Yellow mastic*

**LAYER 2 RESULTS:**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
<i>No Asbestos Detected</i>	

OTHER FIBERS %

Cellulose	1
-----------	---

OTHER MATERIALS %

Filler & Binder	99
-----------------	----

Note:

SAMPLED BY: G. McCullough/C. League DATE: 10/18/2005

ANALYZED BY: Rachel Melgoza DATE: 10/24/2005

COMPANY: Sound Environmental Strategies

RECEIVED BY: Tim Moffett

DATE: 10/18/2005

Tracy Perkins or other NVLAP Approved Signatory

**Client Name:** Sound Environmental Strategies

**Contact:** Gwen McCullough

**Job Location:** None Given

**PO/Job#:** 0355-032-01

**SAMPLE #:** 0355-032-01-017

**LAB #:** 40298.17C

**SOURCE:** Not Noted

**LOCATION:** Room 355, under Carpet

**MATERIAL DESCRIPTION:**

*Black asphaltic fibrous material on wood*

**LAYER 3 RESULTS:**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
<i>No Asbestos Detected</i>	

**OTHER FIBERS** %

Cellulose	40
Synthetic	5

**OTHER MATERIALS** %

Asphalt Filler & Binder	55
-------------------------	----

*Note: Wood not analyzed.*

**SAMPLE #:** 0355-032-01-018

**LAB #:** 40298.18

**SOURCE:** Not Noted

**LOCATION:** Room 334, Men's Lavatory

**MATERIAL DESCRIPTION:** LAYERED

*Blue paint on tan and gray gritty material*

**RESULTS:**

Layers Homogenized for Analysis

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
<i>No Asbestos Detected</i>	

**OTHER FIBERS** %

Cellulose	Trace
-----------	-------

**OTHER MATERIALS** %

Aggregate	35
Filler & Binder	50
Paint	15

*Note: No ceramic material or grout present.*

**SAMPLE #:** 0355-032-01-019

**LAB #:** 40298.19

**SOURCE:** Sheet

**LOCATION:** Room 334, Men's Shower

**MATERIAL DESCRIPTION:** HOMOGENEOUS

*Black asphaltic fibrous material*

**RESULTS:**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
<i>No Asbestos Detected</i>	

**OTHER FIBERS** %

Cellulose	35
Synthetic	5

**OTHER MATERIALS** %

Asphalt Filler & Binder	60
-------------------------	----

*Note:*

**SAMPLED BY:** G. McCullough/C. League **DATE:** 10/18/2005

**ANALYZED BY:** Rachel Melgoza **DATE:** 10/24/2005

**COMPANY:** Sound Environmental Strategies

**RECEIVED BY:** Tim Moffett

**DATE:** 10/18/2005

Tracy Perkins or other NVLAP Approved Signatory

Client Name: **Sound Environmental Strategies**

Contact: **Gwen McCullough**

Job Location: **None Given**

PO/Job#: **0355-032-01**

**LAYERED SAMPLE: NESHAP and AHERA regulations require layers be analyzed and reported separately.**

SAMPLE #: **0355-032-01-020**

**LAYER 1 RESULTS:**

OTHER FIBERS %

LAB #: 40298.20A

SOURCE: **4" Ceramic Floor Tile**

LOCATION: **Room 331 East, under Carpet**

MATERIAL DESCRIPTION:

*Red ceramic material*

**No Asbestos Detected**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
No Asbestos Detected	

OTHER MATERIALS %

Mineral Filler & Binder 100

Note:

SAMPLE #: **0355-032-01-020**

**LAYER 2 RESULTS:**

OTHER FIBERS %

LAB #: 40298.20B

SOURCE: **Grout**

LOCATION: **Room 331 East, under Carpet**

MATERIAL DESCRIPTION:

*White gritty material*

**No Asbestos Detected**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
No Asbestos Detected	

Cellulose Trace

OTHER MATERIALS %

Aggregate 35

Filler & Binder 65

Note:

SAMPLE #: **0355-032-01-021**

**RESULTS:**

OTHER FIBERS %

LAB #: 40298.21

SOURCE: **Fireproofing**

LOCATION: **Room 326 SW**

MATERIAL DESCRIPTION: HOMOGENEOUS

*White fibrous compressed material*

**No Asbestos Detected**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
No Asbestos Detected	

Cellulose 20

OTHER MATERIALS %

Filler & Binder 50

Foam 30

Note:

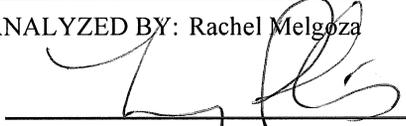
SAMPLED BY: G. McCullough/C. League DATE: 10/18/2005

ANALYZED BY: Rachel Melgoza DATE: 10/24/2005

COMPANY: Sound Environmental Strategies

RECEIVED BY: Tim Moffett

DATE: 10/18/2005

  
Tracy Perkins or other NVLAP Approved Signatory

**Client Name: Sound Environmental Strategies**

**Contact: Gwen McCullough**

**Job Location: None Given**

**PO/Job#: 0355-032-01**

**SAMPLE #:** 0355-032-01-022

**LAB #:** 40298.22

**SOURCE:** Fireproofing

**LOCATION:** Room 326 NW

**MATERIAL DESCRIPTION:** HOMOGENEOUS

*White fibrous compressed material*

**RESULTS:**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
<i>No Asbestos Detected</i>	

OTHER FIBERS

Cellulose	20
-----------	----

OTHER MATERIALS

Filler & Binder	55
Foam	25

*Note:*

**SAMPLE #:** 0355-032-01-023

**LAB #:** 40298.23

**SOURCE:** Fireproofing

**LOCATION:** Room 326, West Center

**MATERIAL DESCRIPTION:** HOMOGENEOUS

*White fibrous compressed material*

**RESULTS:**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
<i>No Asbestos Detected</i>	

OTHER FIBERS

Cellulose	20
-----------	----

OTHER MATERIALS

Filler & Binder	50
Foam	30

*Note:*

**SAMPLE #:** 0355-032-01-024

**LAB #:** 40298.24

**SOURCE:** Plaster Wall

**LOCATION:** Room 326, West

**MATERIAL DESCRIPTION:** HOMOGENEOUS

*Multiple paint layers on white and gray gritty compressed material*

**RESULTS:**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
<i>No Asbestos Detected</i>	

OTHER FIBERS

Cellulose	2
-----------	---

OTHER MATERIALS

Aggregate	35
Filler & Binder	50
Paint	13

*Note:*

**SAMPLED BY:** G. McCullough/C. League **DATE:** 10/18/2005

**ANALYZED BY:** Rachel Melgoza **DATE:** 10/24/2005

**COMPANY:** Sound Environmental Strategies

**RECEIVED BY:** Tim Moffett

**DATE:** 10/18/2005

*Tracy Perkins*  
Tracy Perkins or other NVLAP Approved Signatory

Client Name: **Sound Environmental Strategies**

Contact: **Gwen McCullough**

Job Location: **None Given**

PO/Job#: **0355-032-01**

SAMPLE #: **0355-032-01-025**

LAB #: 40298.25

SOURCE: **Wall Panel Mastic**

LOCATION: **Room 326, at Door**

MATERIAL DESCRIPTION: **LAYERED**

*Green and orange paint layers on brown mastic with wood chips*

**RESULTS:**

Layers Homogenized for Analysis

**Asbestos Containing Material (ACM)**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
Chrysotile	7

OTHER FIBERS

Cellulose	3
-----------	---

OTHER MATERIALS

Filler & Binder	65
Paint	25

Note: *Unable to separate mastic for individual analysis.*

SAMPLE #: **0355-032-01-026**

LAB #: 40298.26

SOURCE: **Wall Panel Mastic**

LOCATION: **Room 325**

MATERIAL DESCRIPTION: **LAYERED**

*Green and light-orange paint layers on brown mastic with wood chips*

**RESULTS:**

Layers Homogenized for Analysis

**Asbestos Containing Material (ACM)**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
Chrysotile	5

OTHER FIBERS

Cellulose	5
-----------	---

OTHER MATERIALS

Filler & Binder	60
Paint	30

Note: *Unable to separate mastic for individual analysis.*

SAMPLE #: **0355-032-01-027**

LAB #: 40298.27

SOURCE: **Brick Mortar**

LOCATION: **Room 325 W Exterior**

MATERIAL DESCRIPTION: **HOMOGENEOUS**

*Gray gritty material*

**RESULTS:**

**No Asbestos Detected**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>

OTHER FIBERS

Cellulose	Trace
-----------	-------

OTHER MATERIALS

Aggregate	55
Filler & Binder	45

Note:

SAMPLED BY: G. McCullough/C. League DATE: 10/18/2005

ANALYZED BY: Rachel Melgoza DATE: 10/24/2005

COMPANY: Sound Environmental Strategies

RECEIVED BY: Tim Moffett

DATE: 10/18/2005

Tracy Perkins or other NVLAP Approved Signatory

SES CHAIN OF CUSTODY

40298



www.soundenvironmental.com

2400 Airport Way South, Suite 200  
 Seattle, Washington 98134-2020  
 Phone: 206.306.1900 Fax: 206.306.1907  
 Toll Free: 1.800.850.1900

SES Project #: 0355-032-01

Date: 10/18/05

# PLM Samples for Analysis: 27

Turnaround Requested: 3 DAY

invoice 13812

Seq #	Sample Number	Material Description	Location	Lab ID
	001	JC	336 SW	
	002	Plas wall / Panel Mastic	336 South	
	003	Panel Mastic	336 South Center	
	004	Blk 12" FT/Asph Mas/wd	336	
	005	Brn 9" FT/Brn wood	336 SC	
	006	Lev compd/9" Brn/Mastic/ vap Bar/wd	336 Center	
	007	Red 12" FT/Blk Mastic/wd	336	
	008	Asph sht on sub flr	336 East	
	009	Asph wall mastic	336 NE	
	010	Plas Wall Col	336 SE	
	011	Plas Wall Col	336 SW	
	012	Plas Wall Col	336 SW UPR	
	013	1" CT Brn/gray/grt/wd	335 South	
	014	4" CT/ wht grt/yellow mastic	335 Center	
	015	GWB/JC	335 Center	

Notes: Please fax and email results. Thanks.

Email addys: gmacculough@soundenvironmental.com

Collected By: Corey League Date: 10/18/05

Signature: [Signature]

Relinquished By: [Signature] Date: 10/18/05

Received By: [Signature] Date: \_\_\_\_\_ Time: \_\_\_\_\_

Rachel Melton 10/24/05 0710 10/18/05 1615



www.soundenvironmental.com

2400 Airport Way South, Suite 200  
 Seattle, Washington 98134-2020  
 Phone: 206.306.1900 Fax: 206.306.1907  
 Toll Free: 1.800.850.1900

# SES CHAIN OF CUSTODY

40298

SES Project #: 0355-032-01

Date: 10/18/05

# PLM Samples for Analysis: 27

Turnaround Requested: 3 DAY

Seq #	Sample Number	Material Description	Location	Lab ID
	0355-032-01-016	JC/GWB	Rm 335 Center N	
	.017	9" Black FT/MAS/WOOD	Rm 355 VCPT	
	.018	4" CERAMIC TILE/GROUT	Rm 334 ♀ LAV	
	.019	ASPHALTIC SHT / WD SUB FUR	Rm 334 ♀ SHOWER	
	.020	4" CERAMIC FC TILE / GRT	Rm 331 E VCPT	
	.021	FIRE PROOFING	Rm 326 SW	
*	.022	"	" NW	
	.023	"	" WEST CENTER	
	.024	PLASTER WALL	Rm 326 WEST	
	.025	WALL PANEL MASTIC	Rm 326 e DOOR	
	.026	"	Rm 325	
	.027	EXTERIOR BRICK MORTAR	Rm 325W	

Notes: \* STOP AT FIRST POSITIVE

Please email results to  
 Email addys: gmccullough@soundenvironmental.com Thank you!

Collected By: Julen McCullough Date: 10/18/05

Signature: [Signature]

Relinquished By: [Signature] Date: 10/18/05

Received By: [Signature] Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Rachel Nelson 10/24/05 10:18/05 11:05

Client Name: **Sound Environmental Strategies**

Contact: **Gwen McCullough**

Job Location: **Not noted**

PO/Job#: **0355-032-01**

**LAYERED SAMPLE: NESHAP and AHERA regulations require layers be analyzed and reported separately.**

SAMPLE #: **028**

LAB #: 40320.1A

SOURCE: **Sheet**

LOCATION: **Shop Sink Between Lavs, First Floor South**

MATERIAL DESCRIPTION:

*Gray, black, brown and red vinyl with light-brown fibrous backing and black asphaltic residue*

**LAYER 1 RESULTS:**

**No Asbestos Detected**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
No Asbestos Detected	

*Note: Unable to separate residue for individual analysis.*

<u>OTHER FIBERS</u>	%
Cellulose	2
Synthetic	12

<u>OTHER MATERIALS</u>	%
Filler & Binder	46
Asphalt Filler & Binder	10
Vinyl Filler and Binder	30

SAMPLE #: **028**

LAB #: 40320.1B

SOURCE: **Not Noted**

LOCATION: **Shop Sink Between Lavs, First Floor South**

MATERIAL DESCRIPTION:

*Black asphaltic material with brown compressed powder*

**LAYER 2 RESULTS:**

**No Asbestos Detected**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
No Asbestos Detected	

*Note: Unable to separate residue for individual analysis.*

<u>OTHER FIBERS</u>	%
Cellulose	15

<u>OTHER MATERIALS</u>	%
Filler & Binder	70
Aggregate	15

**LAYERED SAMPLE: NESHAP and AHERA regulations require layers be analyzed and reported separately.**

SAMPLE #: **029**

LAB #: 40320.2A

SOURCE: **4" Cove Base**

LOCATION: **Room 348**

MATERIAL DESCRIPTION:

*Bright blue paint on black vinyl*

**LAYER 1 RESULTS:**

**No Asbestos Detected**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
No Asbestos Detected	

*Note:*

<u>OTHER FIBERS</u>	%
Cellulose	Trace

<u>OTHER MATERIALS</u>	%
Vinyl Filler and Binder	88
Paint	12

SAMPLED BY: **Gwen McCullough**

DATE: **10/19/2005**

ANALYZED BY: **Jude Cummings**

DATE: **10/23/2005**

COMPANY: **Sound Environmental Strategies**

RECEIVED BY: **Katherine Huber**

DATE: **10/20/2005**

**DRAFT**

Tracy Perkins or other NVLAP Approved Signatory

Clayton is accredited by NIST/NVLAP. Accreditation by NVLAP does not indicate endorsement by NVLAP or any other government agency. All bulk samples are analyzed in accordance with method EPA/600/M4-82-020 (December 1982). Analyses are cross-checked through inter and intra laboratory quality assurance programs for verification. The percent values reported above are based on calibrated visual estimates by volume unless verification by Point Counting is indicated. Test results reported relate only to the samples submitted by the client to Clayton. Trace amounts of asbestos could possibly be missed by PLM, therefore negative results cannot be guaranteed. This report shall not be reproduced except in its entirety, without Clayton Group Services permission. Error Rates: Chrysotile, Amosite and Crocidolite asbestos: Qualitative-.03, Quantitative-.12 / Tremolite, Actinolite and Anthophyllite asbestos: Qualitative-.02, Quantitative-.03 A trace amount of asbestos is defined as one to two fibers found in three slide mounts. Asbestos found in this amount will be reported as "Trace".

Client Name: **Sound Environmental Strategies**

Contact: **Gwen McCullough**

Job Location: **Not noted**

PO/Job#: **0355-032-01**

**SAMPLE #:** 029

LAB #: 40320.2B

**SOURCE:** Mastic

**LOCATION:** Room 348

**MATERIAL DESCRIPTION:**  
*Tan non-fibrous material with white paint and white compressed gritty material*

**LAYER 2 RESULTS:**

*No Asbestos Detected*

ASBESTOS TYPE	PERCENT
No Asbestos Detected	

**OTHER FIBERS** %

**OTHER MATERIALS** %

Filler & Binder	63
Aggregate	25
Paint	12

Note:

**LAYERED SAMPLE: NESHAP and AHERA regulations require layers be analyzed and reported separately.**

**SAMPLE #:** 030

LAB #: 40320.3A

**SOURCE:** 4" Cove Base

**LOCATION:** Room 108 North Wall

**MATERIAL DESCRIPTION:**  
*Black vinyl*

**LAYER 1 RESULTS:**

*No Asbestos Detected*

ASBESTOS TYPE	PERCENT
No Asbestos Detected	

**OTHER FIBERS** %

**OTHER MATERIALS** %

Vinyl Filler and Binder	100
-------------------------	-----

Note:

**SAMPLE #:** 030

LAB #: 40320.3B

**SOURCE:** Mastic

**LOCATION:** Room 108 North Wall

**MATERIAL DESCRIPTION:**  
*Brown non-fibrous material with tan residue*

**LAYER 2 RESULTS:**

*Low Asbestos Content*

ASBESTOS TYPE	PERCENT
Chrysotile	Less than 1

**OTHER FIBERS** %

Cellulose Trace

**OTHER MATERIALS** %

Filler & Binder	90
Paint	10

Note:

SAMPLED BY: Gwen McCullough      DATE: 10/19/2005      ANALYZED BY: Jude Cummings      DATE: 10/23/2005

COMPANY: Sound Environmental Strategies

**DRAFT**

RECEIVED BY: Katherine Huber      DATE: 10/20/2005

Tracy Perkins or other NVLAP Approved Signatory

Clayton is accredited by NIST/NVLAP. Accreditation by NVLAP does not indicate endorsement by NVLAP or any other government agency. All bulk samples are analyzed in accordance with method EPA/600/M4-82-020 (December 1982). Analyses are cross-checked through inter and intra laboratory quality assurance programs for verification. The percent values reported above are based on calibrated visual estimates by volume unless verification by Point Counting is indicated. Test results reported relate only to the samples submitted by the client to Clayton. Trace amounts of asbestos could possibly be missed by PLM, therefore negative results cannot be guaranteed. This report shall not be reproduced except in its entirety, without Clayton Group Services permission. Error Rates: Chrysotile, Amosite and Crocidolite asbestos: Qualitative-.03, Quantitative-.12 / Tremolite, Actinolite and Anthophyllite asbestos: Qualitative-.02, Quantitative-.03 A trace amount of asbestos is defined as one to two fibers found in three slide mounts. Asbestos found in this amount will be reported as "Trace".

Client Name: **Sound Environmental Strategies**

Contact: **Gwen McCullough**

Job Location: **Not noted**

PO/Job#: **0355-032-01**

**LAYERED SAMPLE: NESHAP and AHERA regulations require layers be analyzed and reported separately.**

SAMPLE #: **031**

**LAYER 1 RESULTS:**

OTHER FIBERS %

LAB #: 40320.4A  
SOURCE: **4" Cove Base**  
LOCATION: **Room 108 Center**

**No Asbestos Detected**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
No Asbestos Detected	

OTHER MATERIALS %

Vinyl Filler and Binder	83
Wollastonite	1
Paint	12

MATERIAL DESCRIPTION:  
**Red paint on black and white vinyl**

Note:

SAMPLE #: **031**

**LAYER 2 RESULTS:**

OTHER FIBERS %

LAB #: 40320.4B  
SOURCE: **Mastic**  
LOCATION: **Room 108 Center**

**No Asbestos Detected**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
No Asbestos Detected	

OTHER MATERIALS %

Cellulose	2
Filler & Binder	98

MATERIAL DESCRIPTION:  
**Brown non-fibrous material**

Note:

SAMPLE #: **032**

**RESULTS:**

OTHER FIBERS %

LAB #: 40320.5  
SOURCE: **Plaster**  
LOCATION: **Room 118 South Wall Column**

**No Asbestos Detected**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
No Asbestos Detected	

OTHER MATERIALS %

Aggregate	40
Filler & Binder	60

MATERIAL DESCRIPTION: **HOMOGENEOUS**  
**White gritty compressed material**

Note:

SAMPLED BY: **Gwen McCullough**

DATE: **10/19/2005**

ANALYZED BY: **Jude Cummings**

DATE: **10/23/2005**

COMPANY: **Sound Environmental Strategies**

**DRAFT**

RECEIVED BY: **Katherine Huber**

DATE: **10/20/2005**

Tracy Perkins or other NVLAP Approved Signatory

Clayton is accredited by NIST/NVLAP. Accreditation by NVLAP does not indicate endorsement by NVLAP or any other government agency. All bulk samples are analyzed in accordance with method EPA/600/M4-82-020 (December 1982). Analyses are cross-checked through inter and intra laboratory quality assurance programs for verification. The percent values reported above are based on calibrated visual estimates by volume unless verification by Point Counting is indicated. Test results reported relate only to the samples submitted by the client to Clayton. Trace amounts of asbestos could possibly be missed by PLM, therefore negative results cannot be guaranteed. This report shall not be reproduced except in its entirety, without Clayton Group Services permission. Error Rates: Chrysotile, Amosite and Crocidolite asbestos: Qualitative-.03, Quantitative-.12 / Tremolite, Actinolite and Anthophyllite asbestos: Qualitative-.02, Quantitative-.03 A trace amount of asbestos is defined as one to two fibers found in three slide mounts. Asbestos found in this amount will be reported as "Trace".

Client Name: **Sound Environmental Strategies**

Contact: **Gwen McCullough**

Job Location: **Not noted**

PO/Job#: **0355-032-01**

**LAYERED SAMPLE: NESHAP and AHERA regulations require layers be analyzed and reported separately.**

SAMPLE #: **033**

**LAYER 1 RESULTS:**

OTHER FIBERS %

LAB #: 40320.6A

SOURCE: **12" Floor Tile**

LOCATION: **Room 111 West**

*Asbestos Containing Material (ACM)*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
Chrysotile	4

OTHER MATERIALS %

Aggregate	20
Vinyl Filler and Binder	76

MATERIAL DESCRIPTION:

*Red vinyl*

Note:

SAMPLE #: **033**

**LAYER 2 RESULTS:**

OTHER FIBERS %

LAB #: 40320.6B

SOURCE: **Mastic**

LOCATION: **Room 111 West**

*Low Asbestos Content*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
Chrysotile	Less than 1

Cellulose 2

OTHER MATERIALS %

Asphalt Filler & Binder 98

MATERIAL DESCRIPTION:

*Black asphaltic material*

Note:

**LAYERED SAMPLE: NESHAP and AHERA regulations require layers be analyzed and reported separately.**

SAMPLE #: **034**

**LAYER 1 RESULTS:**

OTHER FIBERS %

LAB #: 40320.7A

SOURCE: **12" Floor Tile**

LOCATION: **Room 111 West**

*Asbestos Containing Material (ACM)*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
Chrysotile	3

OTHER MATERIALS %

Aggregate	25
Vinyl Filler and Binder	72

MATERIAL DESCRIPTION:

*Gray and brown vinyl*

Note:

SAMPLED BY: Gwen McCullough

DATE: 10/19/2005

ANALYZED BY: Jude Cummings

DATE: 10/23/2005

COMPANY: Sound Environmental Strategies

**DRAFT**

RECEIVED BY: Katherine Huber

DATE: 10/20/2005

Tracy Perkins or other NVLAP Approved Signatory

Client Name: **Sound Environmental Strategies**

Contact: **Gwen McCullough**

Job Location: **Not noted**

PO/Job#: **0355-032-01**

SAMPLE #: **034**

LAB #: 40320.7B

SOURCE: **Mastic**

LOCATION: **Room 111 West**

MATERIAL DESCRIPTION:

*Black asphaltic material*

**LAYER 2 RESULTS:**

*Low Asbestos Content*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
Chrysotile	Trace

Note:

OTHER FIBERS %

Cellulose 2

OTHER MATERIALS %

Asphalt Filler & Binder 98

**LAYERED SAMPLE: NESHP and AHERA regulations require layers be analyzed and reported separately.**

SAMPLE #: **035**

LAB #: 40320.8A

SOURCE: **1" Ceramic Tile**

LOCATION: **Room 120 Sauna**

MATERIAL DESCRIPTION:

*White ceramic material*

**LAYER 1 RESULTS:**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>

Note:

OTHER FIBERS %

OTHER MATERIALS %

Fine Grains 25

Filler & Binder 75

SAMPLE #: **035**

LAB #: 40320.8B

SOURCE: **Grout**

LOCATION: **Room 120 Sauna**

MATERIAL DESCRIPTION:

*White and off-white compressed gritty material*

**LAYER 2 RESULTS:**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>

Note:

OTHER FIBERS %

Cellulose Trace

Synthetic Trace

OTHER MATERIALS %

Aggregate 35

Filler & Binder 65

SAMPLED BY: Gwen McCullough

DATE: 10/19/2005

ANALYZED BY: Jude Cummings

DATE: 10/23/2005

COMPANY: Sound Environmental Strategies

**DRAFT**

RECEIVED BY: Katherine Huber

DATE: 10/20/2005

Tracy Perkins or other NVLAP Approved Signatory

Client Name: **Sound Environmental Strategies**

Contact: **Gwen McCullough**

Job Location: **Not noted**

PO/Job#: **0355-032-01**

SAMPLE #: **036**

LAB #: 40320.9

SOURCE: **2'X4' Ceiling Tile**

LOCATION: **Ball Aud SW**

MATERIAL DESCRIPTION: **LAYERED**

*White paint on off-white fibrous compressed material with tan residue*

**RESULTS:**

Layers Homogenized for Analysis

**No Asbestos Detected**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
No Asbestos Detected	

OTHER FIBERS %

Cellulose	35
Mineral Wool with Beads	12

OTHER MATERIALS %

Filler & Binder	48
Paint	5

Note:

SAMPLE #: **037**

LAB #: 40320.10

SOURCE: **Sink Undercoat**

LOCATION: **Lobby Sink**

MATERIAL DESCRIPTION: **HOMOGENEOUS**

*Gray fibrous chunks*

**RESULTS:**

Layers Homogenized for Analysis

**No Asbestos Detected**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
No Asbestos Detected	

OTHER FIBERS %

Cellulose	15
-----------	----

OTHER MATERIALS %

Filler & Binder	85
-----------------	----

Note:

SAMPLE #: **038**

LAB #: 40320.11

SOURCE: **1' Ceiling Tile**

LOCATION: **Room 122**

MATERIAL DESCRIPTION: **LAYERED**

*White paint on light-gray fibrous compressed material*

**RESULTS:**

Layers Homogenized for Analysis

**No Asbestos Detected**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>
No Asbestos Detected	

OTHER FIBERS %

Cellulose	35
Mineral Wool with Beads	15

OTHER MATERIALS %

Filler & Binder	47
Paint	3

Note:

SAMPLED BY: Gwen McCullough

DATE: 10/19/2005

ANALYZED BY: Jude Cummings

DATE: 10/23/2005

COMPANY: Sound Environmental Strategies

**DRAFT**

RECEIVED BY: Katherine Huber

DATE: 10/20/2005

Tracy Perkins or other NVLAP Approved Signatory

Client Name: **Sound Environmental Strategies**

Contact: **Gwen McCullough**

Job Location: **Not noted**

PO/Job#: **0355-032-01**

**LAYERED SAMPLE: NESHAP and AHERA regulations require layers be analyzed and reported separately.**

SAMPLE #: **039**

**LAYER 1 RESULTS:**

OTHER FIBERS %

LAB #: 40320.12A

SOURCE: **2" Ceramic Floor Tile**

LOCATION: **Room 120 Sauna**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>

OTHER MATERIALS %

Fine Grains	15
Filler & Binder	85

MATERIAL DESCRIPTION:

*Yellow and white ceramic material*

Note:

SAMPLE #: **039**

**LAYER 2 RESULTS:**

OTHER FIBERS %

LAB #: 40320.12B

SOURCE: **Grout**

LOCATION: **Room 120 Sauna**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>

OTHER MATERIALS %

Aggregate	35
Filler & Binder	65

MATERIAL DESCRIPTION:

*White compressed gritty material*

Note:

SAMPLE #: **039**

**LAYER 3 RESULTS:**

OTHER FIBERS %

LAB #: 40320.12C

SOURCE: **Grout**

LOCATION: **Room 120 sauna**

*No Asbestos Detected*

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>

Cellulose	Trace
Synthetic	Trace

OTHER MATERIALS %

Aggregate	65
Filler & Binder	35

MATERIAL DESCRIPTION:

*Gray and tan compressed gritty material*

Note:

SAMPLED BY: Gwen McCullough

DATE: 10/19/2005

ANALYZED BY: Jude Cummings

DATE: 10/23/2005

COMPANY: Sound Environmental Strategies

**DRAFT**

RECEIVED BY: Katherine Huber

DATE: 10/20/2005

Tracy Perkins or other NVLAP Approved Signatory

Client Name: **Sound Environmental Strategies**

Contact: **Gwen McCullough**

Job Location: **Not noted**

PO/Job#: **0355-032-01**

**LAYERED SAMPLE: NESHAP and AHERA regulations require layers be analyzed and reported separately.**

SAMPLE #: **040**

**LAYER 1 RESULTS:**

OTHER FIBERS %

LAB #: 40320.13A

SOURCE: **4" Ceramic Wall Tile**

LOCATION: **Room 122**

**No Asbestos Detected**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>

OTHER MATERIALS %

Fine Grains	25
Filler & Binder	75

MATERIAL DESCRIPTION:

**White ceramic material**

Note:

SAMPLE #: **040**

**LAYER 2 RESULTS:**

OTHER FIBERS %

LAB #: 40320.13B

SOURCE: **Not Noted**

LOCATION: **Room 122**

**No Asbestos Detected**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>

Cellulose Trace

OTHER MATERIALS %

Filler & Binder	100
-----------------	-----

MATERIAL DESCRIPTION:

**White compressed non-fibrous hard material**

Note:

SAMPLE #: **040**

**LAYER 3 RESULTS:**

OTHER FIBERS %

LAB #: 40320.13C

SOURCE: **Not Noted**

LOCATION: **Room 122**

**No Asbestos Detected**

<u>ASBESTOS TYPE</u>	<u>PERCENT</u>

Cellulose Trace

OTHER MATERIALS %

Aggregate	40
Filler & Binder	60

MATERIAL DESCRIPTION:

**White gritty powdery compressed material**

Note:

SAMPLED BY: **Gwen McCullough**

DATE: **10/19/2005**

ANALYZED BY: **Jude Cummings**

DATE: **10/23/2005**

COMPANY: **Sound Environmental Strategies**

RECEIVED BY: **Katherine Huber**

DATE: **10/20/2005**

**DRAFT**

Tracy Perkins or other NVLAP Approved Signatory

**APPENDIX B**  
**Current Lead-Based Paint Chip Laboratory Results**

# ANALYTICAL RESULTS

Date 10/24/2005

Client: SOUND ENVIRONMENTAL STRATEGIES

Analyses: NIOSH 7000B Lead

Log No: 40319

Project: 77-05076.00

Collection Date:

PO #

Matrix: PAINT CHIP

Lab ID	Client Sample ID	Reporting Limit (wt%)	Sample Weight (g)	Result in wt %
40319.1	LCP 01	0.0003	0.1044	0.66
40319.2	LCP 02	0.0003	0.1092	<0.0003
40319.3	LCP 03	0.0003	0.1044	0.47
40319.4	LCP 04	0.0003	0.1018	0.079
40319.5	LCP 05	0.0003	0.1075	23.0
40319.6	LCP 06	0.0003	0.1042	4.8
40319.7	LCP 07	0.0003	0.1034	0.55
40319.8	LCP 08	0.0003	0.1071	<0.0003
40319.9	LCP 09	0.0002	0.1255	17.0
40319.10	LCP 10	0.0003	0.1013	0.12

Reviewed by: **DRAFT**

Analyst Holly Tuttle

Date Analyzed 10/21/2005

**Unit Conversion:**

mg/kg = wt% x 10,000

SOUND ENVIRONMENTAL STRATEGIES CHAIN OF CUSTODY

10/19 2005

BULK SAMPLE ANALYSIS  
TURNAROUND: 3 DAY

PBS PROJ# 0355-032-01  
 LEAD CHIP SAMPLES

Project# 77-05076.00

Log# 40319

<u>Seq #</u>	<u>Project Number</u>	<u>Sample Number</u>	<u>Material Description</u>	<u>Location</u>
1	0355 032 01	LCP 01	MED. GRN / PLASTER / WALL	342 S
2		LCP 02	SKY BLUE / CONC / WALL	129 POOL
3		LCP 03	LT YELLOW / PLASTER / WALL	334
4		LCP 04	GREEN / WOOD / WALL	337 S
5		LCP 05	GRAY / PLASTER / WALL	III
6		LCP 06	BLUE / PLASTER / WALL	III
7		LCP 07	LT GREEN / PLASTER / WALL	108 N
8		LCP 08	LT BLUE / PLASTER / WALL	370 W CLOSET
9		LCP 09	YELLOW / PLASTER / WALL	331 E
10		LCP 10	WHITE / CONC / CEILING	337 SW
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Collected By: (print)

Corey League

(sign)

Corey League

Date: 10/20/05

Relinquished By: (print)

Corey League

(sign)

Corey League

Date: 10/20/05

Received By:

Katherine Dale

Date/Time: 10/20/05 08:42

SES Fax # 206.306.1907

email results to: [gmcclough@soundenvironmental.com](mailto:gmcclough@soundenvironmental.com)

Special Instructions/Notes:

Please fax & email results.  
 Thanks!

# **APPENDIX C**

## **Previous Hazardous Material Reports**

**APPENDIX D**  
**Certifications**