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REPORT OF FINDINGS

ASBESTOS AND LEAD BASED PAINT ASSESSMENT

Pahranagat Middle/High School
Multi-Use Building
262 Weeping Willow Avenue
Alamo
Lincoln County
Nevada

Prepared for:

Nye County
2101 East Calvada Boulevard, Suite 100
Pahrump, Nevada 89048

On behalf of:
Rural Desert Southwest Brownfields Coalition

October 16, 2012
Project No. 804.11.001 – Task T2L-HZW

TABLE OF CONTENTS

APPENDICES

1. INTRODUCTION

McGinley and Associates, Inc. (MGA) is pleased to submit this report that summarizes the results for hazardous substances assessment activities that were conducted at the Pahranagat Middle School Multi-Use Building (Alamo Building) located in Alamo, Nevada. These assessment activities are being funded through the Rural Desert Southwest Brownfields Coalition (RDSBC) Grant.

The Alamo Building is owned by the Lincoln County School District (LCSD) and is located in Alamo, Nevada within the Pahranagat Middle/High School campus. The Alamo Building is split into five distinct portions including a shower/locker room, sports equipment storage room, weightlifting equipment room, maintenance equipment storage room, and landscaping equipment storage room. The flooring observed in the rooms consist of 9x9 floor tiles, carpeting, and 12x12 floor tiles. The exterior of the building appears to be covered with transite siding. Window sills and other painted wood surfaces were observed to be flaking. The school district is proposing renovations on the building in the near future.

Therefore, the purpose of this project was to assess the presence of asbestos and lead-based paint within building materials that are proposed to be renovated. Jason McAllister, a Nevada Asbestos Abatement Consultant, License No. IM0901, and a Nevada EPA Lead Inspector, certification # NV-I-125427-1, conducted these services at the subject site.

1.1 Site Location

The site is located at 262 Weeping Willow Avenue, Alamo, Lincoln County, Nevada. The subject property lies in the Pahranagat Valley region of southeastern Nevada. It exists on a portion of Lincoln County Assessor's Parcel number 004-101-01 and is located within Section 08, Township 107 South, Range 61 East of the Mount Diablo Base and Meridian (MDB&M).

1.2 Background

The Alamo Building was originally used as a military barracks at Nellis Air Force Base in Las Vegas, Nevada. The building is wood framed structure, rectangular in shape, and measures approximately 30 feet wide by 90 feet long. The building was acquired through donation by the United States Air Force (U.S.A.F.) and transported from Nellis Air Force Base to its existing location during the 1960s. Upon its delivery the building was placed on footings and a stem wall.

The Pahranagat Middle School has utilized the building on campus since its gifting in the 1960s. It appears that a renovation occurred on the northernmost portion of the building within the last 20 years. The renovation included the connection of the subject property with the current middle school building. The purpose of the renovation was to create a locker room for the students. With the exception of drop-down ceilings and installation of carpet, it appears that the remaining portion of the subject property has not been renovated. Currently, the building is utilized for a shower/locker room, sports equipment storage, weightlifting room, and maintenance equipment storage

2. ASBESTOS CONTAINING MATERIAL (ACM) INSPECTION

2.1 ACM Inspection Activities

On September 18, 2012, an EPA accredited, and State of Nevada licensed asbestos consultant from Macrotec conducted an asbestos assessment at the above referenced facility. Oversight for all field activities and sampling assistance were provided by MGA. The assessment was

conducted to identify the presence of any materials containing asbestos pursuant to the requirements of:

- Nevada Occupational Health and Safety Administration (OSHA) – NAC 618.960;
- OSHA's "Criteria to rebut the designation of installed material as PACM (Presumed Asbestos Containing Material)", 1926.1101(k)(5); and
- United States Environmental Protection Agency (EPA): 40 CFR Part 61, National Emission Standard for Hazardous Air Pollutants (NESHAP).

These regulations outline inspection and abatement requirements for materials containing asbestos.

Prior to sample collection, homogenous suspect materials were identified during an initial walk through of the school building. Once identified, samples of suspect materials were collected per the EPA-approved sampling and analysis plan (SAP) (MGA, 2012), sealed in their own zipper locked plastic containers, and labeled with a unique identification number. Proper decontamination techniques described within the SAP were utilized after each sample was collected. Each sample was recorded on Macrotec's chain of custody form which accompanied all samples to the analytical laboratory.

The suspect ACM samples were analyzed for asbestos fibers utilizing Polarized Light Microscopy (PLM). Bulk sample analysis was conducted in accordance with the EPA's "Test Method for the Determination of Asbestos in Bulk Building Materials, EPA/600/R-93/116, 1993. The laboratory analytical reports and the chain of custody record are attached in Appendix A with the full assessment report.

2.2 ACM Analytical Results

In accordance with OSHA 29 CFR 1926.1101 and NESHAPS 40 CFR 61.141 the definition of an asbestos containing material is "any material which contains more than one percent asbestos by weight".

Analytical results indicated that four of the 28 bulk samples that were collected during this inspection, were positive for containing asbestos in excess of one percent. Table 1 below, summarizes positive materials identified, sample locations and asbestos content. The remaining samples that were collected during this investigation were "none detected" for containing asbestos.

Table 1
Asbestos Containing Material Results (Asbestos Containing Only)
McGill Ball Park
56 S. 4th Street
McGill, Nevada

Sample No.	Material	Sample Location	Asbestos % Type
LVBEC005-AB10	9x9 Floor Tile - Beige	Maintenance office	3% Chrysotile
LVBEC005-AB13	9x9 Floor Tile – Tan	Hall – Adj. to exterior door	2% Chrysotile
LVBEC005-AB16	9x9 Floor Tile – Tan	Weight room – SE corner	2% Chrysotile
LVBEC005-AB23	Cementitious Exterior Siding	East side – center	15% Chrysotile

These sample results are limited to the materials that were identified and sampled during this inspection.

3. LEAD-BASED PAINT (LBP) SAMPLING ASSESSMENT

3.1 LBP Inspection Activities

On September 18, 2012, an EPA-certified inspector conducted a LBP assessment of suspect painted surface coatings at the school building. Oversight for all field activities and sampling assistance were provided by MGA. Per the SAP, X-Ray Fluoroescence (XRF) readings were collected to identify the presence and content level of lead above the action level in compliance with the United States Department of Housing and Urban Development (HUD) and the EPA. In addition, Macrotec collected bulk paint samples to confirm the readings determined by the XRF analyzer. These were also collected to identify the presence and content level of lead for compliance with the OSHA and EPA regulatory requirements pertaining to worker protection and waste disposal.

Prior to sample collection, an initial walk through of the building was conducted to identify homogenous suspect materials that may contain lead based paint. Once identified, painted surfaces were tested utilizing a Niton XLp300A paint analyzer. Per the SAP, the instrument was calibrated prior to and after sample collection. Confirmatory paint chip samples were collected per the SAP, sealed in their own zipper locked plastic containers and labeled with a unique identification number. Proper decontamination techniques described within the SAP were utilized after each sample was collected. Each sample was recorded on Macrotec's chain of custody form which accompanied all samples to the analytical laboratory. The confirmatory samples were analyzed for lead in accordance with the EPA's Method SW846-7420.

3.2 Lead-Based Paint Analytical Results

The Nevada Division of Industrial Relations and the EPA defines lead-based paint as paint containing 0.5 percent (5,000 mg/kg) or greater, lead by weight.

For this assessment, 106 XRF paint readings were collected within the facility. Table 2 below lists all materials found to be above the HUD action level of 1.0 mg/cm^2.

Table 2
XRF Results (Above HUD Action Level)
McGill Ball Park
56 S. 4th Street
McGill, Nevada

Material	Location	Result mg/cm^2
White and Green – Wood Window Sash	Four windows within maintenance office and one window within the parts room	2.2-2.6
Green – Window Pane	Window within the parts room	11.1
Yellow and White – Fiberboard Walls and Ceilings	Walls and ceilings within the parts room and hall closet	1.2-3.0
White, Yellow, and Blue – Exterior Transite Siding	Three exterior walls of building	3.7-6.0
White, Yellow, and Blue – Wood Doorframes	Exterior door frames	3.4-5.1
White, Yellow, and Blue – Wood Window Frames and Sills	Exterior window frames	4.9-12.9
White – Wood Joists and Soffits (assumed to be beneath newer metal blue fascia)	Perimeter of the exterior of the building beneath the roof line	14.4-17.3

In addition, six bulk paint chip samples were collected to confirm XRF results found during the assessment. Table 3 below summarizes the results found for confirmatory samples.

Table 3
Results of Confirmatory Bulk Paint Samples
McGill Ball Park
56 S. 4th Street
McGill, Nevada

Material	Location	Lab Result (mg/kg)	XRF Result
White – Wood Window Frame	Exterior – West Side	131,033	> 1.0 mg/cm^2
White – Wood Soffit	Exterior – West Side	144,096	> 1.0 mg/cm^2
Blue – Wood Base	Exterior – West Side	326	Negative
White – Wood Window Sash	Interior – Maintenance Office (SW Corner)	19,364	> 1.0 mg/cm^2
White – Wood Window Sill	Exterior – East Side	1,507	Negative
White – Metal Door	Interior – Equipment Storage Room (Doorway)	220	Negative

Results for the bulk paint samples indicate a confirmation of results found during collection of field XRF data.

4. CONCLUSIONS/RECOMMENDATIONS

4.1 Asbestos Assessment

Based on information obtained from conducting this asbestos inspection, several samples collected from the building were identified to contain greater than 1% chrysotile asbestos.

EPA and Nevada Department of Industrial Relations regulations require the removal of all regulated asbestos-containing materials (RACM) prior to any renovation or demolition that could impact or disturb RACM. Therefore, prior to the disturbance of these materials, it is recommended that the following procedures are acknowledged in order to maintain EPA, State of Nevada OSHA and federal OSHA regulatory compliance, and reduce liability and health concerns:

- All materials which were identified to contain greater than 1% asbestos should be removed from the school building prior to any renovation projects commencing which would disturb these materials.
- A certified asbestos abatement consultant licensed in the State of Nevada should be contracted to develop abatement specifications based on this investigation and any other additional findings.
- A certified asbestos abatement contractor licensed in the State of Nevada should be contracted to perform all activities involving the removal or disturbance of materials which contain greater than one percent asbestos. All abatement work should be done in strict accordance with applicable Federal, State and local regulations.

- Notification to the EPA and State of Nevada OSHA, which regulate the removal of asbestos, should be performed by an asbestos abatement contractor (if required).
- A certified asbestos consultant licensed in the State of Nevada should be contracted to conduct perimeter air monitoring and project oversight during the removal of all ACM, and final clearance air sampling assessments after the asbestos abatement is complete.

Although the floor tile and exterior transite siding found to contain asbestos greater than 1% is non-friable and in fair condition, it will need to be dealt with as if it is RACM if there is a high probability that the material will become pulverized or reduced to a friable state by forces expected to act on the material in the course of renovation. Therefore, it is recommended that removal of all ACM occurs in the manner described above whenever feasible.

4.2 Lead Based Paint Assessment

Based on information obtained from conducting this lead based paint assessment, results indicated that multiple locations contained lead in paint at levels above 1 mg/cm^2. These locations are found both within the building and on the exterior of the building.

US EPA and OSHA regulations require the implementation of worker protection if there is a potential that paint containing lead will be disturbed during renovation activities. In accordance with these regulations, the following is recommended:

- A certified lead consultant should be contracted to develop a project specification based on this investigation and any other additional findings.
- A licensed Lead Abatement contractor licensed in the State of Nevada should be contracted to stabilize and or remove all regulated lead-painted materials.
- A certified lead consultant should be contracted to monitor the removal activities and to provide final clearance inspection reports.

Due to the poor condition of the lead based paint and its proximity to high traffic areas with children present, it is recommended that the hazards be reduced by abatement or stabilization of all deteriorated lead based paint in compliance with EPA's 40 CFR Part 745 (Title X).

5. LIMITATIONS

MGA is not responsible for any claims or damages associated with the interpretation of information provided during this inspection. This report should not be regarded as a guarantee that no further asbestos containing materials or lead-based paint exists beyond that which was suspected, visually inspected, and/or sampled during this non-destructive survey. In addition, asbestos and lead may not be distributed evenly throughout a particular material and MGA cannot guarantee that all materials sampled are exactly as represented throughout the entire facility. In the event renovation or demolition activities uncover materials that were previously hidden or inaccessible during the time of this survey, then additional sample collection and analysis may be required. In the event materials that were previously hidden or inaccessible during the time of this inspection are disturbed and an exposure occurs, MGA shall be held harmless and will not be responsible for any claims made, financial or otherwise.

The conclusions and recommendations presented above are based upon the agreed scope of work outlined in the above report. MGA makes no warranties or guarantees as to the accuracy or completeness of information obtained from others. It is possible that information exists beyond the scope of this investigation. Additional information, which is not available to MGA at the time of writing the Report, may result in a modification of the conclusions and recommendations presented. The services performed by MGA have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar

conditions. This report is not a legal opinion, but may, under certain circumstances, be prepared at the direction of counsel, may be in anticipation of litigation, and may be classified as an attorney-client communication or as an attorney work product.

This report has been prepared for the sole use of the addressee of this report, and cannot be released without consent from MGA. If a third party relies on the information provided in this report, MGA accepts no responsibility for damages suffered by the third party as a result of reliance of information contained in this report, and that nothing contained in this report shall create a contractual relationship or cause the third party to bring suit against MGA.

6. CLOSURE

We appreciate the opportunity to provide these services to you. Should you have any questions regarding the contents of this report, or need additional information, please contact us at your convenience.

Respectfully submitted,

McGinley and Associates, Inc.

Brett C. Bottenberg, C.E.M. #1690, Exp. 10/7/13
Senior Project Manager

Reviewed by:

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession, and to the best of my knowledge, comply with all applicable federal, state and local statutes, regulations and ordinances

The use of the word "certify" in this document constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification and does not constitute a warranty or guarantee, either expressed or implied.

Brian Rakvica, P.E., C.E.M. #2260, Exp. Date 09/21/2014
Principal

7. REFERENCES

McGinley and Associates, Inc. *Sampling and Analysis Plan, Asbestos and Lead Based Paint Assessment, Pahranagat Middle/High School Multi-Use Building, 262 Weeping Willow Avenue, Alamo, Lincoln County, Nevada.* Project No. 804.11.001 – Task T2L:HZW, August 14, 2012.

APPENDIX A

Macrotec Renovation Investigation Report with Analytical Results

Macrotec
Consulting, LLC.

Renovation Investigation Report
Asbestos and Lead Based Paint Survey

Project Information:
Pahranagat High/Middle School
262 Weeping Willow Ave.
Alamo, NV

Report Info:
Macrotec Project # 12084
October 4, 2012

Prepared For:
Brett Bottenberg
McGinley & Associates
6280 S. Valley View Blvd., Suite 604
Las Vegas, NV 89118

Prepared By:
Jason McAllister - **Macrotec Consulting, LLC.**

Table of Contents:

INTRODUCTION

Macrotec Consulting performed an inspection for Asbestos-Containing Building Materials and Lead Based Paint on September 18, 2012. The inspection was conducted for the project defined as: Renovation of the south end of the athletic and maintenance building.

The intent of this inspection was to identify materials containing asbestos and lead based paint, within the subject site, that may be impacted during planned renovation activities. Macrotec's inspection services were conducted at the request of Brett Bottenberg of McGinley & Associates.

Jason McAllister, a Nevada Asbestos Abatement Consultant, License No.IM0901, and a Nevada EPA Lead Inspector, certification #NV-I-125427-1, conducted these services for Macrotec Consulting at the subject site.

SCOPE OF SERVICES

Macrotec's inspection services were conducted utilizing the McGinley & Associates' *Sampling Analysis Plan (SAP),* which was prepared by Mr. Bottenberg. This SAP was developed to provide an outline for the proper collection and analysis of asbestos and lead based paint at the subject site.

Asbestos

Macrotec's asbestos inspection services were conducted to identify the presence of any materials containing asbestos pursuant to the requirements of:

- Nevada OSHA - NAC 618.960
- OSHA's "Criteria to rebut the designation of installed material as PACM (Presumed Asbestos Containing Material)", 1926.1101(k)(5).
- EPA's: 40 CFR Part 61 National Emission Standard for Hazardous Air Pollutants (NESHAP).

These regulations outline inspection and abatement requirements for materials containing asbestos.

Lead

Macrotec collected X-Ray Fluorescence (XRF) readings to identify the presence and content level of lead above the action level in compliance with the U.S. Department of Housing and Urban Development (HUD) and the Environmental Protection Agencies (EPA) regulatory requirements.

As per the SAP, Macrotec collected paint chip samples to confirm the readings found by the XRF analyzer. These paint chip samples were collected to identify the presence and content level of lead for compliance with the Occupational

Safety and Health Administration's (OSHA) and the Environmental Protection Agencies (EPA) regulatory requirements pertaining to worker protection and waste disposal.

SITE DESCRIPTION

The subject site included the following portions of the south end of the athletic and maintenance building:

- The interior walls, ceilings and floors in the four maintenance rooms, the weight room and the equipment storage room. (Note: The boy's locker room / restroom was not part of this inspection.)
- The exterior walls, doors, windows and roof of the subject portion of the building. Note: The exterior portion of the subject site extends approximately twenty feet beyond the interior portion of the subject site at the northeast end of the building.

The subject portion of the building has a physically different appearance from the rest of the building, and had an obvious separate construction history.

Macrotec's inspection was limited to the location within the site planned for renovation as described above.

INSPECTION METHODOLOGY

An initial walk through of the subject site was conducted to identify homogeneous suspect materials containing asbestos and/or lead based paint, and their respective locations. This information was then used to develop a sample collection strategy.

Asbestos samples were collected by pre-wetting sample areas with water, then cutting or scraping the sample from the substrate with an appropriate sampling tool. Whenever possible, samples were collected from areas previously

damaged or deteriorating. To avoid potential contamination due to unknown asbestos and/or lead based paint content; no building systems, components, or structures were demolished to obtain samples of potentially hidden materials containing asbestos.

Each suspect bulk sample was sealed in its own zip lock plastic container and labeled with a unique identification number. Sampling tools were individually cleaned before and after each sample was collected to avoid sample cross contamination. Decontamination was accomplished using single use, pre-moistened cloths.

Samples were recorded on Macrotec's chain-of-custody form. This form accompanied the samples to Triangle Enivronmental Service Center, Inc. (TESC), located in Moseley, Virginia. The National Voluntary Laboratory Accreditation Program (NVLAP) accredits TESC for analysis of bulk building material samples for asbestos.

Lead testing was conducted in accordance with chapter seven of the Guidelines of the Evaluation and Control of Lead Based Paint Hazards in Housing published by HUD. Interior XRF readings were taken on the painted surfaces which will be impacted during renovation activities. The HUD definition of lead based paint is lead equal to or greater than 1.0 mg/cm^2. All results above this level are considered positive and all results found below this level are considered negative.

The confirmatory paint chip samples were recorded on Macrotec's chain of custody form and submitted to TESC and analyzed by Schneider Laboratories. The American Industrial Hygiene Association (AIHA) accredits Schneider Laboratories Inc. in Richmond Virginia, for analysis of paint chip samples for lead.

SAMPLE ANALYSIS METHODOLOGY

Asbestos

Suspect asbestos samples were subjected to analysis by polarized light microscopy (PLM). Bulk sample analysis was conducted in accordance with the EPA's "Test Method for the Determination of Asbestos in Bulk Building Materials, EPA/600/R-93/116, 1993.

Lead

Painted surfaces were tested using an X-Ray Fluorescence (XRF) analyzer. The XRF was a Niton XLp300A paint analyzer serial #26948. The instrument was calibrated to the manufactures specifications before and after the inspection, verified against the National Institute of Standards and Testing (NIST) Standard

Reference Material (SRM) P/N 500-934. The analyzer was in control at all times of the NIST SRM lead standard.

To determine lead content, the confirmatory paint chip samples were submitted for analysis in accordance with the EPA's Method SW846-7420.

ASBESTOS SAMPLE ASSESSMENT

Macrotec's inspection of the subject site found **Twenty Two (22)** separate suspect asbestos building materials, of which a total of **Twenty Eight (28)** samples were collected and submitted for analysis.

The following table summarizes the materials that were found to be asbestos containing, the locations where the material is located, the material's friability and its NESHAP classification.

Material Number	Material Description	Material Locations	Material Friability	NESHAP
4, 7 & 10	Beige and Tan 9x9 Floor Tile	This material is located on the floors in the maintenance office, parts room, hall, hall closet, weight room and the equipment storage room. ~1,100 Square Feet.	Non-Friable	Category I[1]
17	Cementacious Exterior Siding	This material is located on the exterior walls of the subject portion of the building. ~1,350sq.ft.	Non-Friable	Category II[2]

See Appendix A for a listing of the materials, material locations, samples, sample locations and results for this project.

LEAD BASED PAINT ASSESSMENT

XRF Analyer Results

Macrotec collected **One Hundred Fifty Four (154)** XRF paint readings within the subject site.

The following table lists all materials above the HUD action level of 1.0 mg/cm^2.

Material Description	Material Locations	Condition	Result mg/cm^2
Wood Window Sash (White and Green)	Located on the four windows in the maintenance office and one window in the parts room.	Poor	2.2-2.6
Green Window Pane	Located on the window in the parts room.	Poor	11.1
Fiberboard Walls and Ceilings (Yellow & White)	Located on the walls and ceilings in the parts room and hall closet	Intact	1.2-3.0

[1] Category I nonfriable asbestos-containing material means asbestos containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1% asbestos as determined by Polarized Light Microscopy (PLM)

[2] Category II non-friable asbestos-containing material means any material, excluding Category I, containing more than 1 percent asbestos.

Transite Siding on Exterior Walls (White, Yellow & Blue)	Located on the three exterior walls of the subject site.	Poor	3.7-6.0
Wood Doorframes (White, Yellow & Blue)	Located on the exterior side of the doorframes to the hall, weight room, equipment storage room and boy's locker room.	Poor	3.4-5.1
Wood Window Frames and Sills (White, Yellow & Blue)	Located on the exterior side of the window frames of the weight room (6), equipment storage room(6) parts room (1), and maintenance office (4).	Poor	4.9-12.9
White Wood Joists and Soffits (Also assumed beneath the newer metal blue fascia)	Located around the perimeter of the exterior of the building beneath the roof line.	Poor	14.4-17.3

See Appendix B for a listing of the painted surfaces, XRF readings, and XRF reading locations and results for this project.

Bulk Paint Chip Results

Macrotec collected **Six (6)** confirmatory bulk paint chip samples of six of the painted surfaces that were tested with the XRF analyzer .

The following table summarizes the painted surfaces that were bulk tested, the sample location, and the laboratory result.

Painted Surface Description	**Sample Collection Location**	**Lab Result** (Parts / Million)
White Wood Window Frame	Exterior – West Side – Center	131,033
White Wood Soffit	Exterior – West Side – Center	144,096
Blue Wood Base	Exterior – West Side – Center	326
White Wood Window Sash	Interior – Maintenance Office – SW corner	19,364
White Wood Window Sill	Exterior – East Side – Center	1,507
White Metal Door	Interior – Equipment Storage Room – Doorway	220

The results of the bulk paint chip sampling confirms the results found by the XRF analyzer. See Appendix E.1 for a copy of the laboratory report.

RECOMMENDATIONS

Asbestos

US EPA and Nevada Department of Industrial Relations regulations require the removal of all regulated asbestos-containing materials (RACM) prior to any renovation or demolition that could impact or disturb RACM. In accordance with these regulations Macrotec recommends:

Hiring a Certified Asbestos Consultant to develop a project specification based on this investigation and any other additional findings.

Hiring a Nevada licensed Asbestos Abatement Contractor to remove all asbestos materials, which are either regulated or may become regulated during the course of renovation and/or demolition activities.

Hiring a Certified Asbestos Consultant to monitor the removal activities and to provide final clearance inspection reports.

Although the floor tile and exterior siding found to contain asbestos in this investigation are non-friable in fair condition, they need to be dealt with as RACM if they have a high probability of becoming pulverized or reduced to powder by the forces expected to act on the material in the course of renovation. Macrotec recommends the removal of all ACM (in the manner described above) whenever feasible.

Lead

US EPA and OSHA regulations require the implementation of worker protection if there is a potential that paint with lead in it will be disturbed during renovation activities. In accordance with these regulations Macrotec recommends:

Hiring a Certified Lead Consultant to develop a project specification based on this investigation and any other additional findings.

Hiring a Nevada licensed Lead Abatement Contractor to stabilize and or remove all regulated lead painted materials.

Hiring a Certified Lead Consultant to monitor the removal activities and to provide final clearance inspection reports.

Due to the poor condition of the lead based paint and its proximity to high traffic areas with children present, Macrotec recommends the reduction of potential

hazards by abating or stabilizing all deteriorated lead based paint, in compliance with *EPA's 40 CFR Part 745 (Title X)*.

INSPECTION LIMITATIONS

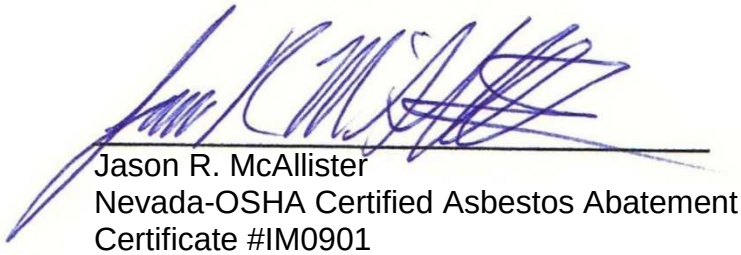
The information contained in this report is limited to those areas and suspect materials found to be visually accessible through reasonable means.

Macrotec conducted a non-destructive survey. No demolition of building materials was conducted to determine the presence of asbestos or lead paint in wall cavities, chases or other inaccessible areas. Macrotec cannot warrant that these areas do not contain asbestos or lead in locations other than those noted in this report, however, a good faith effort was made to conduct a comprehensive survey.

- Macrotec accepts no liability for additional materials or under reporting of asbestos materials that exist below other floor coverings.

- **This report is not represented as, nor is it intended to be, an asbestos or lead based paint abatement scope of work or project specification.**
- If suspect materials are discovered during future demolition operations, cease all general work activities which could impact the discovered suspect materials, until confirmation sampling can be conducted.

Thank you for allowing Macrotec Consulting to assist you with your environmental consulting needs. Please contact me with any questions regarding this report at (702) 338-8213.



Jason R. McAllister
Nevada-OSHA Certified Asbestos Abatement Consultant
Certificate #IM0901
US-EPA Certified Lead Inspector
Certification #NV-I-125427-1

Appendix A

Macrotec Consulting, LLC.

Appendix A - Asbestos Assessment

Macrotec Job #12084 - Pahranagat High/Middle School

The following table lists each of the materials suspected to contain asbestos at the subject site. For each material the sample number, location and laboratory result are listed. If the material was found to contain asbestos, the friablity and NESHAP classification is identified.

1 Mudded Wallboard — **No Asbestos Detected**

This material is the component of the interior walls and ceilings within the subject site.

AB1	Interior - Maintenance Office - SW corner	None Detected
AB2	Interior - Hall - Adj. parts room	None Detected
AB3	Interior - Equipment Room - SW corner	None Detected

2 Sheet Rock, Mud & Tape — **No Asbestos Detected**

This material is the component of the newer walls in the weight room and equipment storage room within the subject site.

AB4	Interior - Weight Room - SE corner	None Detected
AB5	Interior - Equipment Storage - NW corner	None Detected
AB6	Interior - Weight Room - NW corner	None Detected

3 Skim Coat on Walls — **No Asbestos Detected**

This material is on the newer walls in the weight room and equipment storage room within the subject site.

AB7	Interior - Equipment Storage - N wall	None Detected
AB8	Interior - Equipment Storage - S wall	None Detected
AB9	Interior - Weight Room - W wall	None Detected

4 9x9 Floor Tile - Beige — **Non-Friable, Category I**

This material is on the floors in the maintenance office and hall closet.

AB10	Interior - Maintenance Office - Adj. door	3% Chrysotile

5 Black Floor Mastic — **No Asbestos Detected**

This material is on the floors throughout the subject site, excluding the maintenance storage room.

AB11	Interior - Maintenance Office - Adj. door	None Detected

6 Black Floor Material — **No Asbestos Detected**

This material is on the floor in the maintenance office.

AB12	Interior - Maintenance Office - Adj. door	None Detected

7 9x9 Floor Tile - Tan **Non-Friable, Category I**

This material is on the floor in the hall and parts room.

AB13	Interior - Hall - Adj. exterior door	2% Chrysotile

8 Brown Floor Mastic **No Asbestos Detected**

This material is on the floor in the hall and parts room.

AB14	Interior - Hall - Adj. exterior door	None Detected

9 Fiber Flooring Material **No Asbestos Detected**

This material is on the floor in the hall closet.

AB15	Interior - Closet - Adj. door	None Detected

10 9x9 Floor Tile - Tan **Non-Friable, Category I**

This material is on the floor in the equipment storage room and weight room.

AB16	Interior - Weight Room - SE corner	2% Chrysotile

11 Black Floor Mastic **No Asbestos Detected**

This material is on the floors throughout the subject site, excluding the maintenance storage room.

AB17	Interior - Weight Room - SE corner	None Detected

12 White Floor Fill **No Asbestos Detected**

This material is on various areas of the floors in the equipment storage room and weight room.

AB18	Interior - Weight Room - SE corner	None Detected

13 Yellow Carpet Mastic **No Asbestos Detected**

This material is on the floors in the equipment storage room and weight room.

AB19	Interior - Weight Room - SE corner	None Detected

14 Yellow Wainscoting Mastic **No Asbestos Detected**

This material is on the walls in the weight room.

AB20	Interior - Weight Room - W wall	None Detected

15 2x4 Ceiling Tile **No Asbestos Detected**

This material is on the ceilings in the equipment storage room and weight room.

AB21	Interior - Equipment Storage - Center	None Detected

16 Beige Base Cove Mastic **No Asbestos Detected**

This material is on the walls in the equipment storage room and weight room.

AB22	Interior - Equipment Storage - NE corner	None Detected

17 Cementacious Exterior Siding **Non-Friable, Category II**

This material is on the exterior walls of the subject building.

AB23	Exterior - E Side - Center	15% Chrysotile

18 Black Tar Paper **No Asbestos Detected**

This material is on the exterior walls of the subject building.

AB24	Exterior - E Side - Center	None Detected

19 Brown Asphalt Roof Shingle **No Asbestos Detected**

This material is on the roof of the subject building.

AB25	Exterior - Roof - Center of E side	None Detected

20 Black Tar Paper **No Asbestos Detected**

This material is on the roof of the subject building.

AB26	Exterior - Roof - Center of E side	None Detected

21 Window Putty **No Asbestos Detected**

This material is on the outside part of the windows.

AB27	Exterior - E Side - Center	None Detected

22 Unfinished Sheet Rock, Mud & Tape **No Asbestos Detected**

This material is the component of the walls in the maintenance storage room.

AB28	Interior - Maintenance Storage - N wall	None Detected

Appendix B

Time	Duration	Component	Substrate	Color	Side	Room	Results	Depth	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
9/18/12 13:39	56.38								5.49	0	0.88	0	0	0
9/18/12 13:40	3.86	Calibration					Positive	1.13	1.2	0.2	1.2	0.2	< LOD	1.37
9/18/12 13:40	9.68	Calibration					Positive	1.08	1.1	0.1	1.1	0.1	< LOD	0.75
9/18/12 13:41	8.71	Calibration					Positive	1.14	1.1	0.1	1.1	0.1	< LOD	0.89
9/18/12 13:43	1.44	Wall	Fiberboard	White	A	Maint Office	Negative	1.55	< LOD	0.09	< LOD	0.09	< LOD	2.65
9/18/12 13:43	1.45	Wall	Fiberboard	White	A	Maint Office	Negative	1.66	< LOD	0.09	< LOD	0.09	< LOD	2.83
9/18/12 13:44	1.46	Wall	Fiberboard	White	B	Maint Office	Negative	4.41	< LOD	0.31	< LOD	0.31	< LOD	3.13
9/18/12 13:44	1.44	Wall	Fiberboard	White	C	Maint Office	Negative	1.92	< LOD	0.12	< LOD	0.12	< LOD	2.65
9/18/12 13:44	1.45	Wall	Fiberboard	White	D	Maint Office	Negative	4.54	< LOD	0.33	< LOD	0.33	< LOD	2.91
9/18/12 13:45	1.45	Ceiling	Fiberboard	White	Ceil	Maint Office	Negative	2.05	< LOD	0.11	< LOD	0.11	< LOD	2.68
9/18/12 13:46	1.44	Doorframe	Wood	White	D	Maint Office	Negative	2.21	< LOD	0.15	< LOD	0.15	< LOD	2.55
9/18/12 13:46	1.47	Doorframe	Wood	White	D	Maint Office	Negative	1.95	< LOD	0.15	< LOD	0.15	< LOD	2.48
9/18/12 13:46	1.47	Doorframe	Wood	White	D	Maint Office	Negative	1.56	< LOD	0.12	< LOD	0.12	< LOD	2.64
9/18/12 13:46	1.45	Doorframe	Wood	White	D	Maint Office	Negative	1.88	< LOD	0.11	< LOD	0.11	< LOD	2.88
9/18/12 13:46	1.44	Doorframe	Wood	White	D	Maint Office	Negative	3.53	< LOD	0.25	< LOD	0.25	< LOD	2.74
9/18/12 13:48	1.44	chairrail	Wood	White	A	Maint Office	Negative	1.05	< LOD	0.08	< LOD	0.08	< LOD	2.26
9/18/12 13:48	1.45	chairrail	Wood	White	A	Maint Office	Negative	2.02	< LOD	0.17	< LOD	0.17	< LOD	2.46
9/18/12 13:49	1.45	shelf	Wood	White	A	Maint Office	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.53
9/18/12 13:49	1.45	shelf	Wood	White	A	Maint Office	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.25
9/18/12 13:50	2.88	Floor	Vinyl	White		Maint Office	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.55
9/18/12 13:50	1.94	Window Frame	Wood	White	C	Maint Office	Negative	3.06	< LOD	0.4	< LOD	0.4	< LOD	2.4
9/18/12 13:51	1.45	Window Frame	Wood	White	C	Maint Office	Negative	4.45	< LOD	0.75	< LOD	0.75	< LOD	2.34
9/18/12 13:51	1.93	Window Frame	Wood	White	C	Maint Office	Negative	4.77	< LOD	0.6	< LOD	0.6	< LOD	2.18
9/18/12 13:52	1.45	Window Sill	Wood	White	C	Maint Office	Negative	2.33	< LOD	0.18	< LOD	0.18	< LOD	2.55
9/18/12 13:52	1.45	Window Sill	Wood	White	C	Maint Office	Negative	3	< LOD	0.23	< LOD	0.23	< LOD	2.4
9/18/12 13:52	1.45	Window Sash	Wood	White	C	Maint Office	Positive	4.61	2.6	1.4	2.6	1.4	< LOD	3.9
9/18/12 13:52	1.45	Window Sash	Wood	White	C	Maint Office	Positive	4.01	2.3	1.1	2.3	1.1	< LOD	4.2
9/18/12 13:53	0.97	Window Sash	Wood	White	C	Maint Office	Positive	3.63	< LOD	12.15	< LOD	11.1	< LOD	12.15
9/18/12 13:54	1.44	Elec Switch	Metal	White	D	Maint Office	Negative	1.72	< LOD	0.09	< LOD	0.09	< LOD	3.96
9/18/12 13:55	1.45	Wall	Fiberboard	Green	A	Hall	Negative	2.58	< LOD	0.26	< LOD	0.26	< LOD	2.8
9/18/12 13:56	1.44	Wall	Fiberboard	Green	A	Hall	Negative	2.22	< LOD	0.19	< LOD	0.19	< LOD	2.82
9/18/12 13:56	1.46	Wall	Fiberboard	Green	B	Hall	Negative	1.6	< LOD	0.14	< LOD	0.14	< LOD	2.38
9/18/12 13:56	3.39	Wall	Fiberboard	Green	C	Hall	Negative	5.08	0.6	0.2	0.6	0.2	< LOD	1.5
9/18/12 13:57	2.42	Wall	Fiberboard	Green	D	Hall	Negative	1.74	< LOD	0.1	< LOD	0.1	< LOD	2.36
9/18/12 13:57	1.44	Ceiling	Fiberboard	Green	Ceil	Hall	Negative	2.52	< LOD	0.21	< LOD	0.21	< LOD	2.84
9/18/12 13:57	1.45	Ceiling	Fiberboard	Green	Ceil	Hall	Negative	1.97	< LOD	0.2	< LOD	0.2	< LOD	3.32
9/18/12 13:57	1.45	Ceiling	Fiberboard	Green	Ceil	Hall	Negative	1.16	< LOD	0.1	< LOD	0.1	< LOD	2.83
9/18/12 13:58	1.44	Door	Wood	White	A	Hall	Negative	1	< LOD	0.08	< LOD	0.08	< LOD	2.7
9/18/12 13:58	1.44	Doorframe	Wood	Green	A	Hall	Negative	2.68	< LOD	0.33	< LOD	0.33	< LOD	2.43
9/18/12 13:59	1.46	Doorframe	Wood	Brown	A	Hall	Negative	1.02	< LOD	0.09	< LOD	0.09	< LOD	2.64
9/18/12 13:59	1.44	Doorframe	Wood	Green	B	Hall	Negative	2.11	< LOD	0.34	< LOD	0.34	< LOD	2.7
9/18/12 13:59	1.47	Doorframe	Wood	Green	B	Hall	Negative	4.09	< LOD	0.42	< LOD	0.42	< LOD	2.85
9/18/12 13:59	1.93	Doorframe	Wood	Green	C	Hall	Negative	2.91	< LOD	0.4	< LOD	0.4	< LOD	2.7
9/18/12 14:02	1.45	Shelf	Wood	White	D	Hall	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.14

Time	Duration	Component	Substrate	Color	Side	Room	Results	Depth	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
9/18/12 14:03	1.46	Baseboard	Wood	Green	B	Hall	Negative	1.76	< LOD	0.2	< LOD	0.2	< LOD	2.35
9/18/12 14:04	3.39	Wall	Fiberboard	Yellow	A	Parts Room	Negative	7.09	< LOD	1.35	0.8	0.4	< LOD	1.35
9/18/12 14:04	8.7	Wall	Fiberboard	Yellow	B	Parts Room	Positive	3.93	1.2	0.2	1.2	0.2	< LOD	0.86
9/18/12 14:05	1.44	Wall	Fiberboard	Yellow	C	Parts Room	Negative	1.59	< LOD	0.13	< LOD	0.13	< LOD	3
9/18/12 14:05	1.43	Wall	Fiberboard	Yellow	D	Parts Room	Negative	2.2	< LOD	0.23	< LOD	0.23	< LOD	2.95
9/18/12 14:05	1.47	Wall	Fiberboard	Yellow	D	Parts Room	Negative	1.29	< LOD	0.11	< LOD	0.11	< LOD	2.87
9/18/12 14:07	1.46	Ceiling	Fiberboard	Yellow	Ceil	Parts Room	Negative	1.76	< LOD	0.16	< LOD	0.16	< LOD	2.67
9/18/12 14:07	1.46	Door	Fiberboard	Yellow	D	Parts Room	Negative	1.21	< LOD	0.11	< LOD	0.11	< LOD	2.48
9/18/12 14:08	1.45	Door	Fiberboard	Yellow	D	Parts Room	Negative	1.99	< LOD	0.21	< LOD	0.21	< LOD	2.19
9/18/12 14:08	1.45	Doorframe	Fiberboard	Yellow	D	Parts Room	Negative	1.24	< LOD	0.08	< LOD	0.08	< LOD	2.72
9/18/12 14:08	1.44	Doorframe	Fiberboard	Yellow	D	Parts Room	Negative	1	< LOD	0.05	< LOD	0.05	< LOD	2.65
9/18/12 14:08	1.44	Door	Fiberboard	Green	D	Parts Room	Negative	2.16	0.5	0.3	0.5	0.3	< LOD	2.7
9/18/12 14:09	1.46	Baseboard	Wood	Yellow	D	Parts Room	Negative	1.06	< LOD	0.06	< LOD	0.06	< LOD	1.95
9/18/12 14:10	1.44	Window Frame	Wood	Yellow	A	Parts Room	Negative	1.59	< LOD	0.1	< LOD	0.1	< LOD	2.66
9/18/12 14:11	3.38	Window Sill	Wood	Green	A	Parts Room	Negative	2.52	0.7	0.3	0.7	0.3	1.2	0.7
9/18/12 14:12	0.97	Window Sash	Wood	Green	A	Parts Room	Null	3.05	< LOD	2.25	< LOD	2.25	< LOD	5.85
9/18/12 14:12	1.45	Window Sash	Wood	Green	A	Parts Room	Positive	2.62	2.2	0.9	2.2	0.9	< LOD	3.9
9/18/12 14:12	0.49	Window Pane	Wood	Green	A	Parts Room	Positive	2.25	< LOD	11.1	< LOD	11.1	< LOD	21.75
9/18/12 14:14	1.45	Wall	Fiberboard	White	A	Hall Closet	Negative	1.35	0.6	0.3	0.6	0.3	< LOD	3
9/18/12 14:14	1.95	Wall	Fiberboard	White	B	Hall Closet	Positive	1.37	1.4	0.4	1.4	0.4	< LOD	2.85
9/18/12 14:14	3.88	Wall	Fiberboard	White	C	Hall Closet	Positive	1.59	1.2	0.2	1.2	0.2	< LOD	1.2
9/18/12 14:15	3.37	Wall	Fiberboard	White	D	Hall Closet	Negative	1.3	0.7	0.2	0.7	0.2	< LOD	1.35
9/18/12 14:15	0.49	Wall	Fiberboard	White	D	Hall Closet	Positive	1.3	3	1.7	3	1.7	< LOD	10.5
9/18/12 14:16	3.38	Ceiling	Fiberboard	White	Ceil	Hall Closet	Negative	1.42	0.7	0.2	0.7	0.2	< LOD	1.2
9/18/12 14:17	1.45	Shelf	Wood	White	B	Hall Closet	Negative	1	< LOD	0.04	< LOD	0.04	< LOD	2.25
9/18/12 14:17	1.45	Doorframe	Wood	White	A	Hall Closet	Negative	1.04	< LOD	0.07	< LOD	0.07	< LOD	2.19
9/18/12 14:17	1.46	Doorframe	Wood	White	A	Hall Closet	Negative	1.79	< LOD	0.15	< LOD	0.15	< LOD	2.16
9/18/12 14:18	1.44	Doorframe	Wood	White	A	Hall Closet	Negative	3.32	< LOD	0.31	< LOD	0.31	< LOD	2.25
9/18/12 14:18	15.47	Door	Wood	White	A	Hall Closet	Negative	2.3	0.9	0.1	0.9	0.1	0.9	0.4
9/18/12 14:19	8.7	Door	Wood	White	A	Hall Closet	Negative	1.54	0.9	0.1	0.9	0.1	< LOD	0.75
9/18/12 14:19	1.44	Baseboard	Wood	White	D	Hall Closet	Negative	1.3	< LOD	0.11	< LOD	0.11	< LOD	2.25
9/18/12 14:19	1.47	Baseboard	Wood	White	D	Hall Closet	Negative	1.5	< LOD	0.12	< LOD	0.12	< LOD	2
9/18/12 14:23	2.91	Wall	Drywall	White	A	Weight Room	Negative	1.15	< LOD	0.03	< LOD	0.03	< LOD	1.92
9/18/12 14:23	2.42	Wall	Drywall	White	B	Weight Room	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.02
9/18/12 14:23	2.41	Wall	Drywall	White	C	Weight Room	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.04
9/18/12 14:24	1.45	Wall	Drywall	White	D	Weight Room	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.56
9/18/12 14:26	2.41	Wall	fb	White	B	Weight Room	Negative	2.39	< LOD	0.1	< LOD	0.1	< LOD	2.22
9/18/12 14:27	1.46	Ceiling	Fiberboard	White	Ceil	Weight Room	Negative	2.12	< LOD	0.16	< LOD	0.16	< LOD	2.63
9/18/12 14:27	1.45	Ceiling	Fiberboard	White	Ceil	Weight Room	Negative	2.36	< LOD	0.19	< LOD	0.19	< LOD	2.97
9/18/12 14:29	1.44	Door	Metal	Red	A	Weight Room	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	3.47
9/18/12 14:29	1.45	Doorframe	Metal	Red	A	Weight Room	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	3.86
9/18/12 14:29	1.45	Baseboard	Vinyl	Brown	A	Weight Room	Negative	1.4	< LOD	0.07	< LOD	0.07	< LOD	3.67
9/18/12 14:30	1.45	Window Frame	Wood	Brown	A	Weight Room	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.18
9/18/12 14:31	1.44	Window Sill	Wood	Brown	A	Weight Room	Negative	1.66	< LOD	0.1	< LOD	0.1	< LOD	2.1

Time	Duration	Component	Substrate	Color	Side	Room	Results	Depth	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
9/18/12 14:31	1.44	Window Sill	Wood	Brown	C	Weight Room	Negative	3.75	< LOD	0.41	< LOD	0.41	< LOD	2.62
9/18/12 14:32	1.44	Window Frame	Wood	Brown	C	Weight Room	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.21
9/18/12 14:33	1.44	Wall	Fiberboard	Brown	A	Equip Storage	Negative	6.67	< LOD	0.45	< LOD	0.45	< LOD	2.79
9/18/12 14:35	1.93	Wall	Drywall	White	B	Equip Storage	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.17
9/18/12 14:36	1.44	Wall	Fiberboard	White	C	Equip Storage	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.18
9/18/12 14:36	1.45	Wall	Fiberboard	White	C	Equip Storage	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.25
9/18/12 14:36	1.44	Wall	Fiberboard	White	C	Equip Storage	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.06
9/18/12 14:36	1.93	Wall	Drywall	White	D	Equip Storage	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.36
9/18/12 14:37	1.43	Wall	Fiberboard	White	Ceil	Equip Storage	Negative	6.77	< LOD	0.62	< LOD	0.62	< LOD	2.63
9/18/12 14:38	1.43	Door	Metal	White	A	Equip Storage	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	3.74
9/18/12 14:38	1.44	Door	Metal	White	A	Equip Storage	Negative	1.24	< LOD	0.03	< LOD	0.03	< LOD	3.87
9/18/12 14:38	1.44	Doorframe	Wood	White	A	Equip Storage	Negative	2.42	< LOD	0.4	< LOD	0.4	< LOD	2.4
9/18/12 14:38	2.89	Doorframe	Wood	White	A	Equip Storage	Negative	4.05	< LOD	0.4	< LOD	0.4	< LOD	1.73
9/18/12 14:38	1.46	Doorframe	Wood	White	A	Equip Storage	Negative	4.93	< LOD	0.47	< LOD	0.47	< LOD	2.66
9/18/12 14:39	1.44	Chairrail	Wood	White	A	Equip Storage	Negative	4.12	< LOD	0.44	< LOD	0.44	< LOD	2.25
9/18/12 14:39	1.45	Window Frame	Wood	White	A	Equip Storage	Negative	7.02	< LOD	0.9	< LOD	0.9	< LOD	2.55
9/18/12 14:40	1.45	Window Sill	Wood	White	A	Equip Storage	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.85
9/18/12 14:40	1.45	Window Sill	Wood	White	A	Equip Storage	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.55
9/18/12 14:41	1.45	Window Sill	Wood	White	C	Equip Storage	Negative	4.26	< LOD	0.22	< LOD	0.22	< LOD	1.83
9/18/12 14:42	1.44	Window Frame	Wood	White	C	Equip Storage	Negative	1.5	< LOD	0.06	< LOD	0.06	< LOD	2.31
9/18/12 14:42	1.44	Window Frame	Wood	White	C	Equip Storage	Negative	3.1	< LOD	0.14	< LOD	0.14	< LOD	2.18
9/18/12 14:43	1.45	Floor	Carpet	Beige		Equip Storage	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.96
9/18/12 14:43	1.46	Shelf	Wood	Brown	D	Equip Storage	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.34
9/18/12 14:44	1.43	Cabinet	Metal	White	D	Equip Storage	Negative	1.64	< LOD	0.13	< LOD	0.13	< LOD	3.6
9/18/12 14:44	1.45	Cabinet	Metal	White	D	Equip Storage	Negative	1	< LOD	0.1	< LOD	0.1	< LOD	3.74
9/18/12 14:45	7.71	sink	Porcelain	White	D	Equip Storage	Negative	2.06	< LOD	1.12	0.05	0.03	< LOD	1.12
9/18/12 14:45	1.45	Baseboard	Vinyl	White	A	Equip Storage	Negative	1.41	< LOD	0.05	< LOD	0.05	< LOD	3.25
9/18/12 14:47	1.94	Wall	Transite	White	A	Exterior	Positive	4.44	< LOD	4.8	< LOD	0.23	< LOD	4.8
9/18/12 14:48	2.41	Wall	Transite	White	B	Exterior	Positive	1.01	< LOD	4.05	< LOD	0.04	< LOD	4.05
9/18/12 14:48	2.41	Wall	Transite	White	C	Exterior	Positive	1.1	4.9	2.8	< LOD	0.04	4.9	2.8
9/18/12 14:49	2.41	Wall	Transite	Yellow	C	Exterior	Positive	1	4.2	2.7	< LOD	0.03	4.2	2.7
9/18/12 14:49	1.46	Wall	Transite	Blue	C	Exterior	Positive	1	< LOD	6	< LOD	0.04	< LOD	6
9/18/12 14:50	2.9	Wall	Transite	Blue	A	Exterior	Positive	7.82	3.7	2.4	< LOD	0.31	3.7	2.4
9/18/12 14:51	1.44	Base	Wood	Blue	A	Exterior	Negative	1	< LOD	0.04	< LOD	0.04	< LOD	1.92
9/18/12 14:52	1.46	Doorframe	Wood	Blue	A	Exterior	Positive	10	< LOD	5.1	< LOD	3.9	< LOD	5.1
9/18/12 14:53	1.45	Doorframe	Wood	Yellow	A	Exterior	Positive	10	< LOD	3.4	< LOD	4.35	< LOD	3.4
9/18/12 14:53	1.45	Doorframe	Wood	Yellow	A	Exterior	Positive	10	< LOD	4.95	< LOD	3.9	< LOD	4.95
9/18/12 14:53	1.93	Doorframe	Wood	White	A	Exterior	Positive	10	< LOD	4.05	< LOD	2.4	< LOD	4.05
9/18/12 14:53	1.45	Door	Metal	Yellow	A	Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	3.79
9/18/12 14:54	1.45	Door	Metal	Yellow	A	Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	3.71
9/18/12 14:54	1.44	Door	Metal	Yellow	A	Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	3.65
9/18/12 14:54	1.46	Door	Metal	Yellow	A	Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	3.77
9/18/12 14:55	0.96	Window Frame	Wood	Yellow	A	Exterior	Positive	10	< LOD	12.9	< LOD	14.1	< LOD	12.9
9/18/12 14:55	0.96	Window Frame	Wood	White	A	Exterior	Positive	10	< LOD	12.75	< LOD	7.8	< LOD	12.75

Time	Duration	Component	Substrate	Color	Side	Room	Results	Depth	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
9/18/12 14:55	1.45	Window Frame	Wood	Blue	A	Exterior	Negative	2.19	< LOD	0.13	< LOD	0.13	< LOD	2.31
9/18/12 14:56	1.46	Window Sill	Wood	White	A	Exterior	Negative	3.56	< LOD	0.19	< LOD	0.19	< LOD	1.95
9/18/12 14:56	1.45	Window Sill	Wood	White	A	Exterior	Negative	7.1	< LOD	0.71	< LOD	0.71	< LOD	2.4
9/18/12 14:56	1.46	Window Sill	Wood	White	A	Exterior	Positive	5.01	6.2	3.8	1.9	1.2	6.2	3.8
9/18/12 14:57	1.44	Door	Metal	White	A	Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	3.47
9/18/12 14:59	0.97	Joist	Wood	White	A	Exterior	Positive	7.36	17.3	11.2	< LOD	15.15	17.3	11.2
9/18/12 14:59	0.96	Soffit	Wood	White	A	Exterior	Positive	5.36	< LOD	15.3	< LOD	9.9	< LOD	15.3
9/18/12 15:00	1.45	Fascia	Metal	Blue	A	Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	3.24
9/18/12 15:00	1.45	Fascia	Wood	White	A	Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.4
9/18/12 15:02	1.45	Base	Wood	Blue	B	Exterior	Negative	1	< LOD	0.04	< LOD	0.04	< LOD	1.73
9/18/12 15:02	1.44	Window Cover	Wood	Yellow	B	Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.24
9/18/12 15:02	1.91	Window Cover	Wood	Yellow	B	Exterior	Negative	4.96	< LOD	0.16	< LOD	0.16	< LOD	1.8
9/18/12 15:03	1.46	Window Cover	Wood	White	B	Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.1
9/18/12 15:03	1.44	Door	Metal	Blue	B	Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	3.67
9/18/12 15:03	1.46	Doorframe	Metal	Blue	B	Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	3.73
9/18/12 15:04	4.34	Wall	Cinderblock	Blue	B	Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	1.5
9/18/12 15:05	1.45	Base	Wood	Blue	C	Exterior	Negative	1.09	< LOD	0.06	< LOD	0.06	< LOD	2.22
9/18/12 15:06	1.45	SWAMP COOLER	Metal	Beige	C	Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	3.06
9/18/12 15:07	0.96	Window Frame	Wood	White	C	Exterior	Positive	4.92	< LOD	13.2	< LOD	7.95	< LOD	13.2
9/18/12 15:08	0.97	Soffit	Wood	White	C	Exterior	Positive	5.95	< LOD	14.4	< LOD	12.3	< LOD	14.4
9/18/12 15:09	1.45	Conduit	Metal	Blue	C	Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	4.13
9/18/12 15:09	1.45	Fascia	Metal	Blue	C	Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.7
9/18/12 15:10	1.47	Fascia	Wood	White	C	Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.4
9/18/12 15:11	15.95	Window Cover	Wood	White	C	Exterior	Null	10	0.9	0.3	< LOD	0.14	0.9	0.3
9/18/12 15:11	1.44	Window Cover	Wood	White	C	Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.1
9/18/12 15:12	20	Window Cover	Wood	White	C	Exterior	Null	10	1.2	0.3	0.4	0.2	1.2	0.3
9/18/12 15:14	8.22	Calibration					Positive	1.08	1.1	0.1	1.1	0.1	< LOD	0.75
9/18/12 15:14	8.72	Calibration					Positive	1.07	1.1	0.1	1.1	0.1	< LOD	0.75
9/18/12 15:15	7.74	Calibration					Positive	1.08	1.1	0.1	1.1	0.1	< LOD	0.9

Appendix C

Picture 1 - 9”x9” Beige Floor Tile in the Maintenance Office.

Picture 2 - 9”x9” Beige Floor Tile in the Maintenance Office.

Picture 3 - Window Sash in the Maintenance Office.

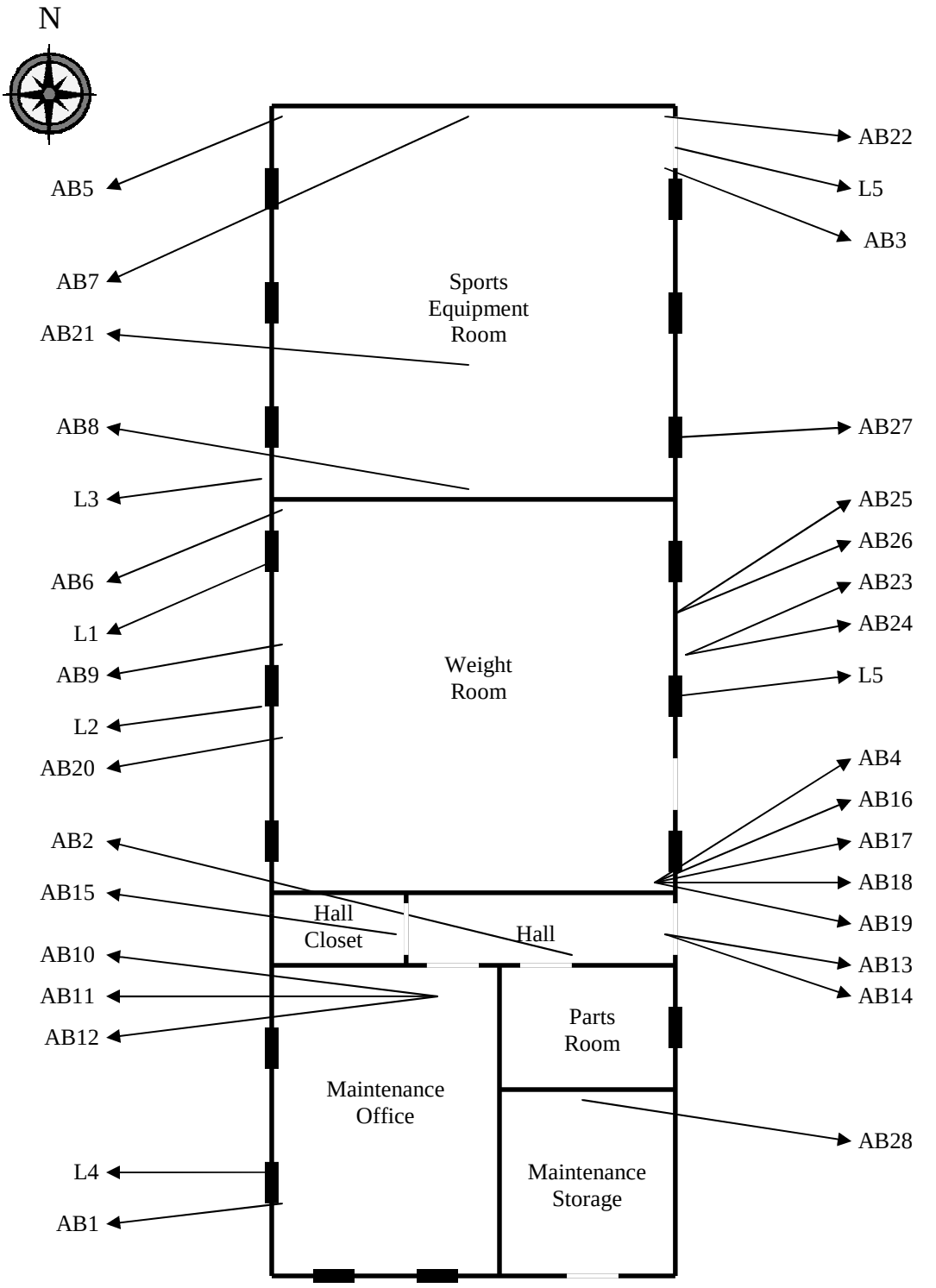
Picture 4 - Window Sash, Window Pane, Walls and Ceiling in the Parts Room.

Picture 5 - Exterior Transite Walls, Window Frames, Window Sills, Soffits and Joists on the West Side of the Building.

Picture 6 - View of Attic Space. No suspect ACM was observed.

Appendix D

Sample Location Diagram



* Diagram Not Drawn To Scale

Appendix E

TRIANGLE ENVIRONMENTAL SERVICE CENTER, INC.

13509 East Boundary Road, Suite B, Midlothian, VA 23112
804-739-1751 • fax: 804-739-1753

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: Macrotec Consulting
9724 Mild Weather Ct.
Las Vegas, NV 89148

TESC LOGIN #: 120924N

DATE OF RECEIPT: 9/24/2012
DATE OF ANALYSIS: 9/24/2012
DATE OF REPORT: 9/24/2012

CLIENT JOB/ #: **12084**

JOB SITE: 262 Weeping Willow Ave. Alamo, NV

ANALYST: F. Jiang

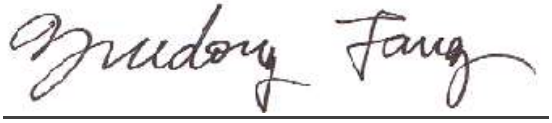
TESC SAMPLE #	CLIENT SAMPLE ID & GROSS DESCRIPTION	ESTIMATED % ASBESTOS	NON ASBESTOS % FIBERS	NON FIBROUS % MATERIALS
1	AB1 / Brown fibers	**NAD**	98% Cellulose	2%
2	AB2 / Brown fibers	**NAD**	98% Cellulose	2%
3	AB3 / Brown fibers	**NAD**	98% Cellulose	2%
4	AB4 / White powder, brown fibers	**NAD**	20% Cellulose	80%
5	AB5 / White powder, brown fibers	**NAD**	20% Cellulose	80%
6	AB6 / White powder, brown fibers	**NAD**	20% Cellulose	80%
7	AB7 / White powder	**NAD**		100%
8	AB8 / White powder	**NAD**		100%
9	AB9 / White powder	**NAD**		100%
10	AB10 / Beige vinyl	**3% Chrysotile**		97%
11	AB11 / Black adhesive	**NAD**		100%

Samples are analyzed in accordance with "Interim Method for the Determination of Asbestos in Bulk Insulation Samples", EPA/600/R-93-116, July 1993 (EPA-600/M4-82-020, Dec 1982), or the current US EPA method for the analysis of asbestos in building material. None Detected: not detected at/or below the detected limit of method (Reporting limit: 1% Asbestos). Glass fiber is analyzed for quality control blank. TESC recommends by point count or Transmission Electron Microscopy (TEM), 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. This report must not be reproduced except in full with approval of Triangle Environmental Service Center, Inc. This test report relates only to the item(s) tested.

NVLAP Lab Code: 200794-0

[**LEGEND** NAD=No Asbestos Detected, Lino.=Linoleum, JC=Joint Compound]

Reviewed By Authorized Signatory:



Feng Jiang, MS Senior Geologist, Laboratory Director
Yuedong Fang, Senior Geologist

TRIANGLE ENVIRONMENTAL SERVICE CENTER, INC.

13509 East Boundary Road, Suite B, Midlothian, VA 23112
804-739-1751 • fax: 804-739-1753

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: Macrotec Consulting
9724 Mild Weather Ct.
Las Vegas, NV 89148

TESC LOGIN #: 120924N

DATE OF RECEIPT: 9/24/2012
DATE OF ANALYSIS: 9/24/2012
DATE OF REPORT: 9/24/2012

CLIENT JOB/ #: **12084**

JOB SITE: 262 Weeping Willow Ave. Alamo, NV

ANALYST: F. Jiang

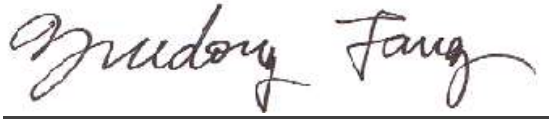
TESC SAMPLE #	CLIENT SAMPLE ID & GROSS DESCRIPTION	ESTIMATED % ASBESTOS	NON ASBESTOS % FIBERS	NON FIBROUS % MATERIALS
12	AB12 / Black fibers	**NAD**	95% Cellulose	5%
13	AB13 / Tan vinyl	**2% Chrysotile**		98%
14	AB14 / Brown adhesive	**NAD**		100%
15	AB15 / Gray lino., brown fibers	**NAD**	10% Synthetic	90%
16	AB16 / Tan vinyl	**2% Chrysotile**		98%
17	AB17 / Black adhesive	**NAD**		100%
18	AB18 / White powder	**NAD**		100%
19	AB19 / Yellow adhesive	**NAD**		100%
20	AB20 / Yellow adhesive	**NAD**		100%
21	AB21 / Gray fibers	**NAD**	85% Cellulose	15%
22	AB22 / Beige adhesive	**NAD**		100%

Samples are analyzed in accordance with "Interim Method for the Determination of Asbestos in Bulk Insulation Samples", EPA/600/R-93-116, July 1993 (EPA-600/M4-82-020, Dec 1982), or the current US EPA method for the analysis of asbestos in building material. None Detected: not detected at/or below the detected limit of method (Reporting limit: 1% Asbestos). Glass fiber is analyzed for quality control blank. TESC recommends by point count or Transmission Electron Microscopy (TEM), 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. This report must not be reproduced except in full with approval of Triangle Environmental Service Center, Inc. This test report relates only to the item(s) tested.

NVLAP Lab Code: 200794-0

[**LEGEND** NAD=No Asbestos Detected, Lino.=Linoleum, JC=Joint Compound]

Reviewed By Authorized Signatory:



Feng Jiang, MS Senior Geologist, Laboratory Director
Yuedong Fang, Senior Geologist

TRIANGLE ENVIRONMENTAL SERVICE CENTER, INC.

13509 East Boundary Road, Suite B, Midlothian, VA 23112
804-739-1751 • fax: 804-739-1753

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: Macrotec Consulting
9724 Mild Weather Ct.
Las Vegas, NV 89148

TESC LOGIN #: 120924N

DATE OF RECEIPT: 9/24/2012
DATE OF ANALYSIS: 9/24/2012
DATE OF REPORT: 9/24/2012

CLIENT JOB/ #: **12084**

JOB SITE: 262 Weeping Willow Ave. Alamo, NV

ANALYST: F. Jiang

TESC SAMPLE #	CLIENT SAMPLE ID & GROSS DESCRIPTION	ESTIMATED % ASBESTOS	NON ASBESTOS % FIBERS	NON FIBROUS % MATERIALS
23	AB23 / Gray cement	**15% Chrysotile**		85%
24	AB24 / Black fibers	**NAD**	95% Cellulose	5%
25	AB25 / Black tar-like	**NAD**	20% Fiberglass	80%
26	AB26 / Black fibers	**NAD**	95% Cellulose	5%
27	AB27 / White adhesive	**NAD**		100%
28	AB28 / White powder, brown fibers	**NAD**	20% Cellulose	80%

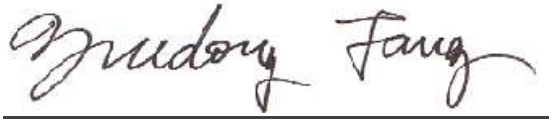
Total Samples/Layers Analyzed: 28

Samples are analyzed in accordance with "Interim Method for the Determination of Asbestos in Bulk Insulation Samples", EPA/600/R-93-116, July 1993 (EPA-600/M4-82-020, Dec 1982), or the current US EPA method for the analysis of asbestos in building material. None Detected: not detected at/or below the detected limit of method (Reporting limit: 1% Asbestos). Glass fiber is analyzed for quality control blank. TESC recommends by point count or Transmission Electron Microscopy (TEM), 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. This report must not be reproduced except in full with approval of Triangle Environmental Service Center, Inc. This test report relates only to the item(s) tested.

NVLAP Lab Code: 200794-0

[**LEGEND** NAD=No Asbestos Detected, Lino.=Linoleum, JC=Joint Compound]

Reviewed By Authorized Signatory:



Feng Jiang, MS Senior Geologist, Laboratory Director
Yuedong Fang, Senior Geologist

12 of 24 N

Macrotec Consulting, LLC

Phone: (702) 338-8213
Fax: (702) 629-5677
Office@MacrotecConsulting.com

Bulk Sampling Chain of Custody Form

Client Name: McGinley
Project Number: 12084
Project Name: Pahranagat High/Middle School
Collection Date: 9/18/12
Project Location: 262 Weeping Willow Ave, Alamo, NV
PO Number: McGinley LVBEC005
Technician: JRM
Turn Around Time: 24 Hour
Laboratory: TESC
Method of Analysis: PLM
Stop at 1st Positive?: Y / (N)
Composite Sheet Rock?: (Y) / N
Matrix: Bulk

Sample # H#	Sample # Count	Sample Description (Material Type : Description : Color)	Sample Location (General : Room : Specific)
1	AB1	Mudded Wallboard (cardboard)	Interior - Maint. Office - SW Corner
1	AB2	↓	" - Hall - Adj Parts Room
1	AB3	↓	" - Equip Storage - NE Corner
2	AB4	Sheet Rock, Mud + Tape	" - Weight Room - SE Corner
2	AB5	↓	" - Equip Storage - NW Corner
2	AB6	↓	" - Weight Room - "
3	AB7	Skim Coat on Walls	" - Equip Storage - N wall
3	AB8	↓	" - " - S wall
3	AB9	↓	" - Weight Room - W wall
4	AB10	9x9 Floor Tile - Beige	" - Maint Office - Adj. Door
5	AB11	Black Floor Mastic	" - " - "
6	AB12	Black Floor Material	" - " - "
7	AB13	9x9 Floor Tile - Tan	" - Hall - Adj Ext. Door
8	AB14	Brown Floor Mastic	" - " - "
9	AB15	Floor Flooring Material	" - Closet - Adj Door
10	AB16	9x9 Floor Tile - Tan	" - Weight Room - SE Corner
11	AB17	Black Floor Mastic	" - " - "
12	AB18	White Floor Fill	" - " - "
13	AB19	Yellow Crack Mastic	" - " - "
14	AB20	Yellow Wall Coating Mastic	" - " - W wall

Relinquished By: [signature] Date: 9/18/12 Received By: [signature] Date: 9/24/12 10:20

Relinquished By: _____ Date: _____ Received By: _____ Date: _____

12up24N

Macrotec Consulting, LLC

Phone: (702) 338-8213
Fax: (702) 629-5677
Office@MacrotecConsulting.com

Bulk Sampling Chain of Custody Form

Client Name: McGinley
Project Number: 12084
Project Name: Pahrangat High/Middle School
Collection Date: 9/18/12
Project Location: 262 Weeping Willow Ave., Alamo, NV
PO Number (McGinley): LVBEC005
Technician: JRM
Turn Around Time: 24 Hour
Laboratory: TESC
Method of Analysis: PLM
Stop at 1st Positive?: Y / N
Composite Sheet Rock?: Y / N
Matrix: Bulk

Sample # H#	Sample # Count	Sample Description (Material Type : Description : Color)	Sample Location (General : Room : Specific)
15	AB21	2x4 Ceiling Tile	Interior - Equip Storage - Center
16	AB22	Beige Base Cove Mastic	" - NE Corner
17	AB23	Cementacious Exterior Siding	Exterior - E Side - Center
18	AB24	Black Tar Paper	" - " - "
19	AB25	Brown Asphalt Roof Shingle	" - Roof - Center of E side
20	AB26	Black Tar Paper	" - " - "
21	AB27	Window Putty	" - E Side - Center
22	AB28	Unfinished Sheet Rock, Mud + Tape	Interior - Maint. Storage - N wall

Relinquished By: [signature] Date: 9/19/12 Received By: [signature] Date: 9/20/12 10:2

Relinquished By: _____ Date: _____ Received By: _____ Date: _____

Appendix E.1

TRIANGLE ENVIRONMENTAL SERVICE CENTER, INC.

13509 East Boundary Road, Suite B, Midlothian, VA 23112 • 804-739-1751 • fax: 804-739-1753

LEAD IN PAINT SAMPLE ANALYSIS SUMMARY

(EPA METHOD 7420)

CLIENT: Macrotec Consulting
9724 Mild Weather Ct.
Las Vegas, NV 89148

TESC LOGIN #: 120924F

DATE OF RECEIPT: 9/24/2012
DATE OF ANALYSIS: 9/24/2012
DATE OF REPORT: 9/25/2012

CLIENT JOB #: **12084**

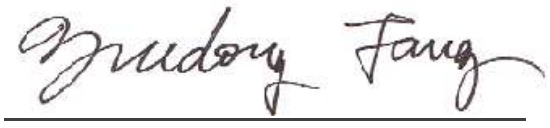
JOBSITE: 262 Weeping Willow Ave., Alamo, NV

ANALYST: S. Al-Johani

TESC SAMPLE #	CLIENT SAMPLE #	SAMPLE WEIGHT (mg)	TOTAL LEAD (ug)	LEAD CONCENTRATION (% by Weight)	LEAD CONCENTRATION PPM
1	L1	350	45,861.5	13.103	131,033
2	L2	328	47,263.5	14.140	144,096
3	L3	325	106.1	0.033	326
4	L4	318	6,157.7	1.936	19,364
5	L5	307	462.6	0.151	1,507
6	L6	209	46.0	0.022	220

Total Sample(s) Analyzed: 6

Reviewed By Authorized Signatory:



Feng Jiang, MS Senior Geologist, Laboratory Director
Yuedong Fang, Senior Geologist

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the customer. Sample information was provided by the customer. This report must not be reproduced, except in full,without the written consent of Triangle Environmental Service Center, Inc. The test report related only to the item(s) tested. This analysis was performed by an AHIA accredited laboratory. AIHA/ELLAP ID: 100527, NYELAP/NELAC ID: 11413.
Minimum Reporting Limit: 20 ug. Lead Based Paint contains 0.5% lead by weight per Federal statute. The OSHA Lead in Construction Standard, 29 CFR 1926.62, is invoked if any lead is present in the sample. Lead-free paint is defined as <0.06% by weight (CPSC).
[LEGEND: mg= milligram, ug= microgram, ppm= parts per million]

170P24F

Macrotec Consulting, LLC

Phone: (702) 338-8213
Fax: (702) 629-5677
Office@MacrotecConsulting.com

Bulk Sampling Chain of Custody Form

Client Name: McGinley
Project Number: 12084
Project Name: Pahranagat High/Middle School
Collection Date: 9/5/12
Project Location: 262 Weeping Willow Ave., Alamo, NV
PO Number (McGinley): LVBEC005
Technician: JRM
Turn Around Time: 24 Hour
Laboratory: TESC
Method of Analysis: AHERA
Stop at 1st Positive?: Y / N
Composite Sheet Rock?: Y / N
Matrix: Bulk Comp

Sample # H #	Sample # Count	Sample Description (Material Type : Description : Color)	Sample Location (General : Room : Specific)
	L1	White Wood Window Frame	Exterior - W Side - Center
	L2	White Wood Soffit	" - " - "
	L3	Blue Wood Base	" - " - "
	L4	White Wood Window Sash	Interior - Maint Office - SW Corner
	L5	White Wood Window Sill	Exterior - E Side - Center
	L6	White Metal Door	Interior - Equip Storage - Doorway

Relinquished By: [signature] Date: 9/18/12 Received By: [signature] Date: 9/24/12 10:45

Relinquished By: _____ Date: _____ Received By: _____ Date: _____

Appendix F

United States Environmental Protection Agency

This is to certify that

Jason Robert McAllister

Inspector

In the Jurisdiction of:

Nevada

This certification is valid from the date of issuance and expires **June 28, 2015**

NV-I-125427-1
Certification #

JUNE 15, 2012
Issued On

Adrienne Priselac, Manager, Toxics Office

Communities and Ecosystems Division

has fulfilled the requirements of the Toxics Substance Control Act (TSCA Section 402 and has received certification to conduct lead–based paint activities pursuant to 40 CFR Part 745.226 as a:

United States Environmental Protection Agency

This is to certify that

Macrotec Consulting, LLC

has fulfilled the requirements of the Toxics Substance Control Act (TSCA) Section 402, and has received certification to conduct lead–based paint activities pursuant to 40 CFR Part 745.226

In the Jurisdiction of:

Nevada

This certification is valid from the date of issuance and expires **July 29, 2014**

NV-17067-2

JULY 30, 2011
Issued On

Adrienne Priselac, Manager, Toxics Office

Communities and Ecosystems Division

STATE OF NEVADA
DEPARTMENT OF BUSINESS AND INDUSTRY
DIVISION OF INDUSTRIAL RELATIONS
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ASBESTOS CONTROL PROGRAM

DATE 02/15/12	LICENSE NO. IM-0901

THE ASBESTOS ABATEMENT CONSULTANT NAMED BELOW IS LICENSED UNDER THE PROVISIONS OF CHAPTER 618 OF N.R.S. AND N.A.C. THIS LICENSE EXPIRES 02/15/13

Jason McAllister
Macrotec Consulting LLC
9724 Mild Weather Ct
Las Vegas, NV 89148

DATE: 02/15/12
LICENSE NO: IM-0901
INSPECTOR
PROJECT MONITOR

Signature

[Wallet Card — Fold Here]

STATE OF NEVADA
DEPARTMENT OF BUSINESS AND INDUSTRY
DIVISION OF INDUSTRIAL RELATIONS
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
ASBESTOS ABATEMENT CONSULTANT

Jason McAllister
Macrotec Consulting LLC
HAS PAID THE FEE REQUIRD BY
CHAPTER 618 OF N.A.C. 02/15/13

(NSPO Rev. 2-06) (O) 3656

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200794-0

Triangle Environmental Service Center, Inc.

Midlothian, VA

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

BULK ASBESTOS FIBER ANALYSIS

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

2012-04-01 through 2013-03-31

Effective dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

David F. Alderman

For the National Institute of Standards and Technology

AIHA Laboratory Accreditation Programs, LLC

acknowledges that

Schneider Laboratories, Inc.

2512 West Cary Street, Richmond, VA 23220-5117

Laboratory ID: 100527

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories in t*he following:

LABORATORY ACCREDITATION PROGRAMS

✓	**INDUSTRIAL HYGIENE**	Accreditation Expires: 04/01/2013
✓	**ENVIRONMENTAL LEAD**	Accreditation Expires: 04/01/2013
☐	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires:
☐	**FOOD**	Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Christine Powell

Christine Powell

Chairperson, Analytical Accreditation Board

Cheryl O. Morton

Cheryl O. Morton

Director, AIHA Laboratory Accreditation Programs, LLC

Revision 10: 01/13/2011

Date Issued: 04/01/2011

Calibration Check Test Results

Address/Unit No. 262 Weeping Willow Ave.
Acamo, NV

Device XLP300A

Date 9/18/12 XRF Serial No. 26948

Contractor McGinley

Inspector Name JCM Signature

NIST SRM Used 1.0 mg/cm² Calibration Check Tolerance Used 0.2 mg/cm²

First Calibration Check 9/18/12 1:39 pm

NIST SRM			First Average	Difference Between First Average and NIST SRM*
First Reading	Second Reading	Third Reading		
1.2	1.1	1.1	1.1	0.1

Second Calibration Check 9/18/12 3:14pm

NIST SRM			Second Average	Difference Between Second Average and NIST SRM*
First Reading	Second Reading	Third Reading		
1.1	1.1	1.1	1.1	0.1

Third Calibration Check *(if required)*

NIST SRM			Third Average	Difference Between Third Average and NIST SRM*
First Reading	Second Reading	Third Reading		

Fourth Calibration Check *(if required)*

NIST SRM			Fourth Average	Difference Between Fourth Average and NIST SRM*
First Reading	Second Reading	Third Reading		

* If the difference of the Calibration Check Average from the NIST SRM film value is greater than the specified Calibration Check Tolerance for this device, consult the manufacturer's recommendations to bring the instrument back into control. Retest all testing combinations tested since the last successful Calibration Check test.