



Converse Consultants

Over 50 Years of Dedication in Geotechnical Engineering and Environmental Sciences

June 11, 2007

06-23774-01

USFS Region 4
Humboldt Toiyabe National Forest
1200 Franklin Way
Sparks, Nevada 89431

Attention: Mr. Kenneth Maas

Subject: Lead-Based Paint Risk Assessment Report
Addendum #1
Sandia Housing #17
Tonopah, Nevada

Dear Mr. Maas:

Converse Consultants (Converse) is pleased to submit the results of the additional testing of soil at the Property designated as Sandia #17 located in Tonopah, Nevada. The additional sampling was conducted to re-evaluate the soil in regards to the north and the east sides of the residence. The sampling conducted in these areas on March 21, 2007 detected an elevated concentration of lead in the soil which did not appear to be representative of initial observations in the area or the results of samples previously collected by the USFS in August 2006. Based on these discrepancies it was decided to collect additional soil samples to determine if the sample had been compromised in some way through excessive paint chips in an aliquot of the original composite, excessive runoff of lead dust following the previous night's snowfall, or possible laboratory error.

On May 31, 2007 Converse returned to the site and met with Mr. Steve Kluge of the USFS and collected three additional samples. The samples consisted of 1 composite sample on the east side of the residence, 1 composite sample on the north side of the residence, and 1 composite sample of both the east and north sides of the residence combined. No excessive amounts of paint chips were identified to be present in the areas where the sample collection was conducted. However, a pellet gun and BB's were observed on the southeast corner of the residence. It is not known whether these were present during the evaluation conducted in March 2007 since the ground was covered over with snow. The results of the soil samples collected consisted of the following:

- S-01 – East Composite consisting of 5 aliquots – 0.0045% or 45 ppm.
- S-02 – North Composite consisting of 8 aliquots – 0.0181% or 181 ppm.
- S-03 – East/North Composite consisting of 11 aliquots – 0.0130% or 130 ppm.

The current EPA and HUD Guidelines for soil is ≥ 400 ppm for play areas and ≥ 1200 ppm for the rest of the bare soil areas. Based on these results it is the opinion of Converse that soil present on the east and the north sides of the residence pose no environmental issues in regards to lead hazards at this time. Information regarding the samples collected/analyzed can be found in the attached laboratory analytical, the chain of custody and the sample location diagrams.

Thank you for the opportunity to be of service. Should you have any questions or comments regarding this addendum, or if you require further assistance, please do not hesitate to call our office.

Respectfully submitted,

CONVERSE CONSULTANTS

Reviewed and Approved by:



John W. Petersen
EPA Certified Risk Assessor
EPA Certification #NV-R-1330-2



Dean R. Stanphill
SVP/Managing Officer

DRS:JWP:jwp

Enclosure: Laboratory Analytical Report
Chain of Custody Sheet
Sample Location Diagrams

Distribution: 2/Addressee

Calibration # AA-11380

Element Lead Matrix: Soil Method Detection Limit 0.25 µg/ml
 Date of Analysis June 4, 2007 Analyst DN

	Measured Value	Target Value	Acceptance Criterion
Standard value 0.0 µg/ml	0.00000 units	N/A	
Standard value 0.8 µg/ml	0.01360 units	N/A	
Standard value 2.0 µg/ml	0.03470 units	N/A	
Standard value 5.0 µg/ml	0.08760 units	N/A	
Standard value 10.0 µg/ml	0.17440 units	N/A	
Slope	57.2481 µg/ml/unit	N/A	
Intercept	0.007180 µg/ml	N/A	
Correlation coefficient	0.999994	1	≥ 0.99500 Acceptable
0.25 µg/ml Reference	0.299 µg/ml	0.25	≥0.06 Acceptable
Glassware rinse water	< 0.250 µg/ml	0	
1st Matrix Blank	< 0.250 µg/ml	0	≤ 0.25 Acceptable
Method Blank Beginning	-5.938 µg	0	≤ 12.5 Acceptable
CCV Beginning	5.005 µg/ml	5.0000	± 10.0% Acceptable
ICV Beginning	5.085 µg/ml	5.0000	± 10.0% Acceptable
LCS Before sample 1	9.636 µg/ml	9.8901	± 10.0% Acceptable
CCV Before sample 11	N/A µg/ml	5.0000	± 10.0%
CCB Before sample 11	N/A µg/ml	0	≤ 0.25
Method Blank Before sample 11	N/A µg	0	≤ 12.5
CCV Before sample 21	N/A µg/ml	5.0000	± 10.0%
CCB Before sample 21	N/A µg/ml	0	≤ 0.25
2nd Matrix Blank	N/A µg/ml	0	≤ 0.25
Method Blank Before sample 21	N/A µg	0	≤ 12.5
CCV Before sample 31	N/A µg/ml	5.0000	± 10.0%
CCB Before sample 31	N/A µg/ml	0	≤ 0.25
Method Blank Before sample 31	N/A µg	0	≤ 12.5
CCV After	4.936 µg/ml	5.0000	± 10.0% Acceptable
CCB After	< 0.250 µg/ml	0	≤ 0.25 Acceptable
Method Blank After	0.359 µg	0	≤ 12.5 Acceptable
LCS After	9.785 µg/ml	9.8901	± 10.0% Acceptable
RLVS	0.288 µg/ml	0.2500	± 25.0% Acceptable
Spike of sample 164541 - 1	464.4 µg	500.0	± 25.0% Acceptable
Spike of sample 0 - 0	N/A µg	0.0	± 25.0%
Spiked Duplicate 164541 - 1	465.3 µg	500.0	± 25.0% Acceptable
Spiked Duplicate 0 - 0	N/A µg	0.0	± 25.0%
Duplicate of sample 164541 1	43 ppm	45	± 25.0% Acceptable
Duplicate of sample 0 - 0	N/A ppm		± 25.0%

Note:

MDL= Minimum Detection Limit of the method (absolute)
 ICV= Initial Calibration Verification
 CCV= Continuing Calibration Verification
 CCB= Continuing Calibration Blank
 N/A = Not Applicable
 LCS= Laboratory Control Sample - NIST SRM-1579
 RLVS=Reporting Limit Verification Sample

Duplicate analyses are measurements of the variable of interest (in this case lead) performed identically on two subsamples of the same sample. The results from duplicate analyses are used to evaluate analytical or measurement precision but not the precision of sampling. Spiked samples are prepared by adding a known mass of the target analyte (in this case lead) to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. Spiked samples are used to determine the effect of the matrix on a method's recovery efficiency. The Method Blank is used to detect contamination from the laboratory. Accuracy is the degree of agreement between an observed value and an accepted reference value such as the LCS NIST SRM-1579 sample. Precision is the degree to which a set of observations or measurements of the same property conform to themselves. NEVER depend upon the laboratory to "fix-up" a poorly taken sample.

MACS Lab, Inc.
 1505 Wyatt Dr
 Santa Clara, CA 95054-1586

(408) 727-9727

AA Analysis Data Report

NOTICE:

Instrument reading is in absorbance units

For solids (paint and soil):

Weight is in grams

Paint area (if present) is in sq cm

For air:

LPM= Liters per minute supplied by client

Minutes = duration of sample

m³ (on report) means cubic meter

For wipe:

Area = Wipe area supplied by client in sq ft

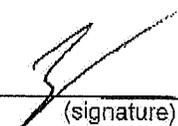
ft² (on report) means square foot

Client:

Converse Environmental Cons.

Submission ID Number: **164541**

Lead laboratory manager
 or designee:



 (signature)

Samples received on: June 1, 2007

Samples analyzed on: June 4, 2007

at: 10:34

I verify that I have checked the records and the data
 entered here is accurate and matches the written records.

Sample #	Weight, LPM, or area	Solution vol ml	Instr. reading	Paint area or minutes
1	0.6518	50	0.01010	0
2	0.6285	50	0.03960	0
3	0.6276	50	0.02840	0

This report shows the data associated with the individual samples. This includes the MACS Lab, Inc. sample number, the sample weight digested, LPM, area wiped, dilution (solution volume), instrument reading in absorbance, paint area, time in minutes. By using the data on this page, and the slope and intercept found on the calibration curve page of this report one can calculate the concentration of analyte in the original sample. Be sure to use the calibration curve data for the sample tested (see sample results page for Calib. Number). In the case of paint and soil matrices multiply the slope times the absorbance and add the intercept. Multiply this number by the dilution and then divide by the weight. The result will be expressed in PPM. In the case of dust samples multiply the slope times the absorbance and add the intercept. Multiply this number times the dilution and adjust for the area wiped if it is not 1 sq ft. For air samples multiply the slope times the absorbance and add the intercept. Multiply this number by the dilution. This will be the number of µg of lead on the filter. Divide this number by the liters of air used and compute the concentration in cubic meters. A cubic meter contains 1000 liters. Note: in all cases if the concentration calculated by multiplying the slope times the absorbance and adding the intercept is below the MDL (method detection limit) value for that matrix substitute the MDL for the value calculated. This will be the Reporting Limit in PPM. (note: the MDL is shown only to 2 significant figures on this report which will result in slight differences between our and your calculations for this number).

The slope and intercept can be calculated using the absorbance and concentration (see the Quality Control Report) of the standards used in the analysis. This can be done by using linear regression analysis.

P164541

Analytical and Environmental Services

Chain of Custody Record

To Be Used For All Types Of Analysis

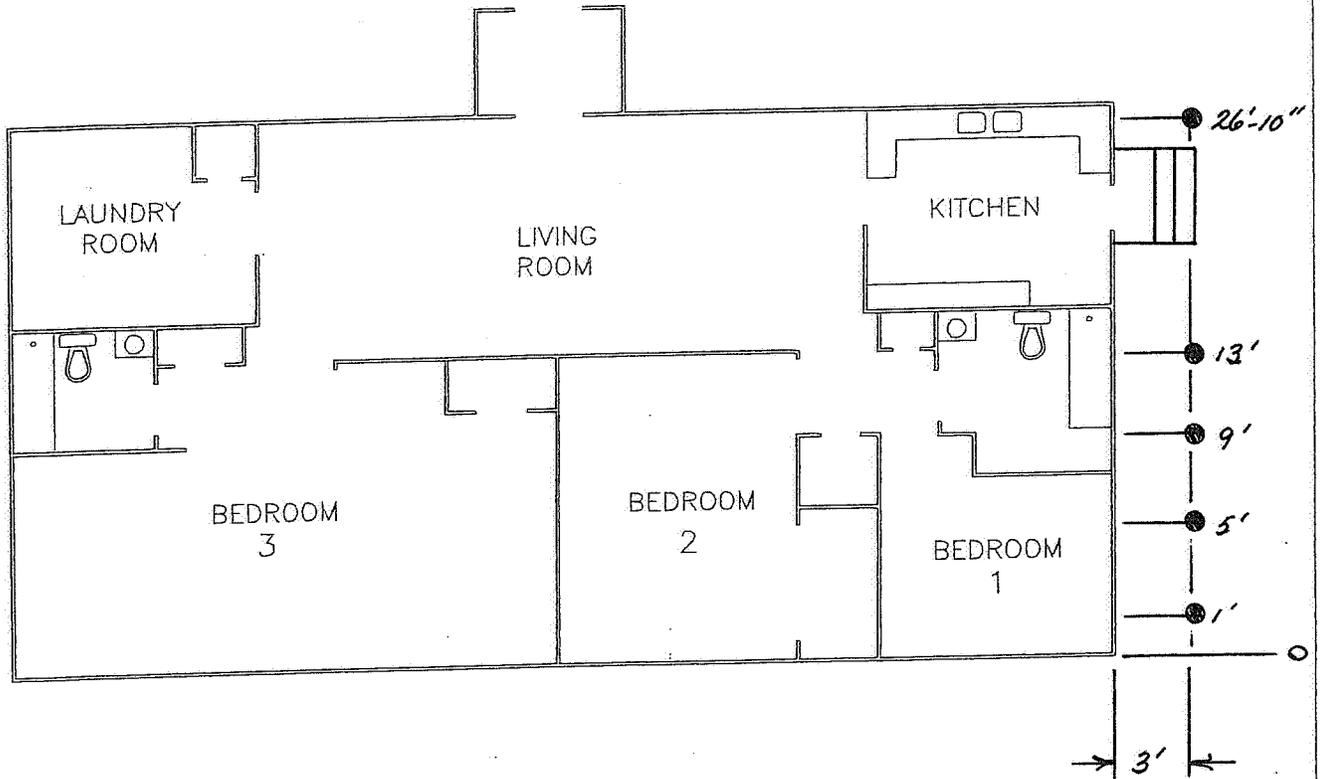
Material Analysis and Characterization Service

PROJECT INFORMATION Name: <i>Converse Construction</i> Address: <i>Arroyo Mill St. #5</i> City: <i>RENO</i> State: <i>NV</i> Zip: <i>89506</i> Phone No: <i>775 856 5833</i> Fax No: <i>775 856 5513</i> Cell No: Email: Date Sampled: <i>5-31-07</i> Job #:		Misc Lab # Customer Code: <i>CONV3</i>	
Site Address: City, State, Zip Site Contact: <i>John Petersen</i> Phone No: Fax No: Comments: <i>FAX RESULTS TO CONVERSE</i> Samples Preserved: Yes / No Received Celd: Yes / No		ANALYSIS REQUIRED <input type="checkbox"/> Customer <input checked="" type="checkbox"/> MACS <input type="checkbox"/> OTHER (Specify) Comments (Area Social Security #)	
SAMPLE NO. SAMPLE DESCRIPTION TYPE OF WORK		4 Hour 8 Hour 24 Hour 2 Days/48 Hour 3 Days/72 Hour 5+ Days/120 Hour (Initials)	
S-01	EAST COMPOSITE	PCM (Air) - NIOSH 7400	
S-02	NORTH COMPOSITE	PLM (Bulk) - 40 CFR - Chap. I, Part 763, Subpart F Appendix A or current EPA method	
S-03	E/P COMPOSITE	Lead Wipes, Air, Paint, Soil	
		TEM (Air, Bulk) - AHERA/Voluntary Level II	
		Drinking Water Asbestos/Lead	
		Mold (Non Viable, Viable - Air/Bulk)	
		Metals (TCP, CAM17, STC)	
Requisitioned By: <i>John Petersen</i> Date: <i>5-31-07</i> Time: <i>11:00 AM</i> Credit Copy #		RECEIVED JUN 01 2007 BY: <i>[Signature]</i> Time: <i>11:00 AM</i> Net 30 Days	

* TEM asbestos in water analysis requires 2 one-liter bottles shipped @ 4BC in dark containers for each sample.
 1505 Wyatt Drive * Santa Clara, California 95054 * (408) 727-9727 * (800) MACS-LAB * (408) 727-7065 Fax * www.macs-lab.com



S-01
5 ALIQUOTS TOP 1/2" SOIL



EAST COMPOSITE

LOCATION MAP

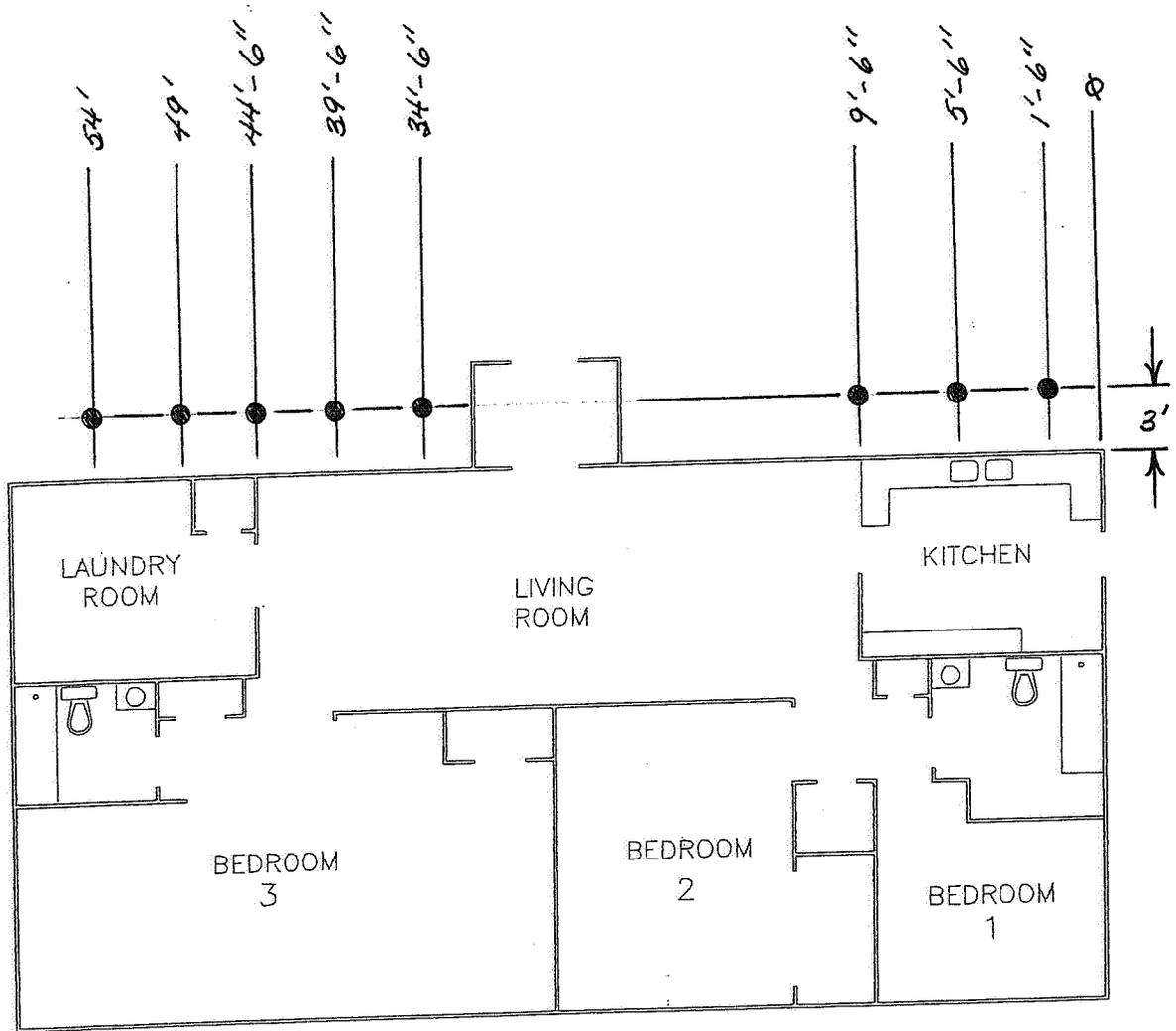
USDA FOREST SERVICE
SANDIA #17
TONOPAH, NEVADA

Scale	NTS	File No.	06-23774-01
Date	6-11-07	Project No.	
Drafted By	DR	Drawing No.	1
Checked By	JP		
Approved By			



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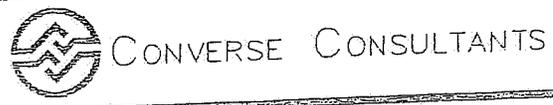
S-02
 8 ALIQUOTS TOP 1/2" SOIL

North Composite

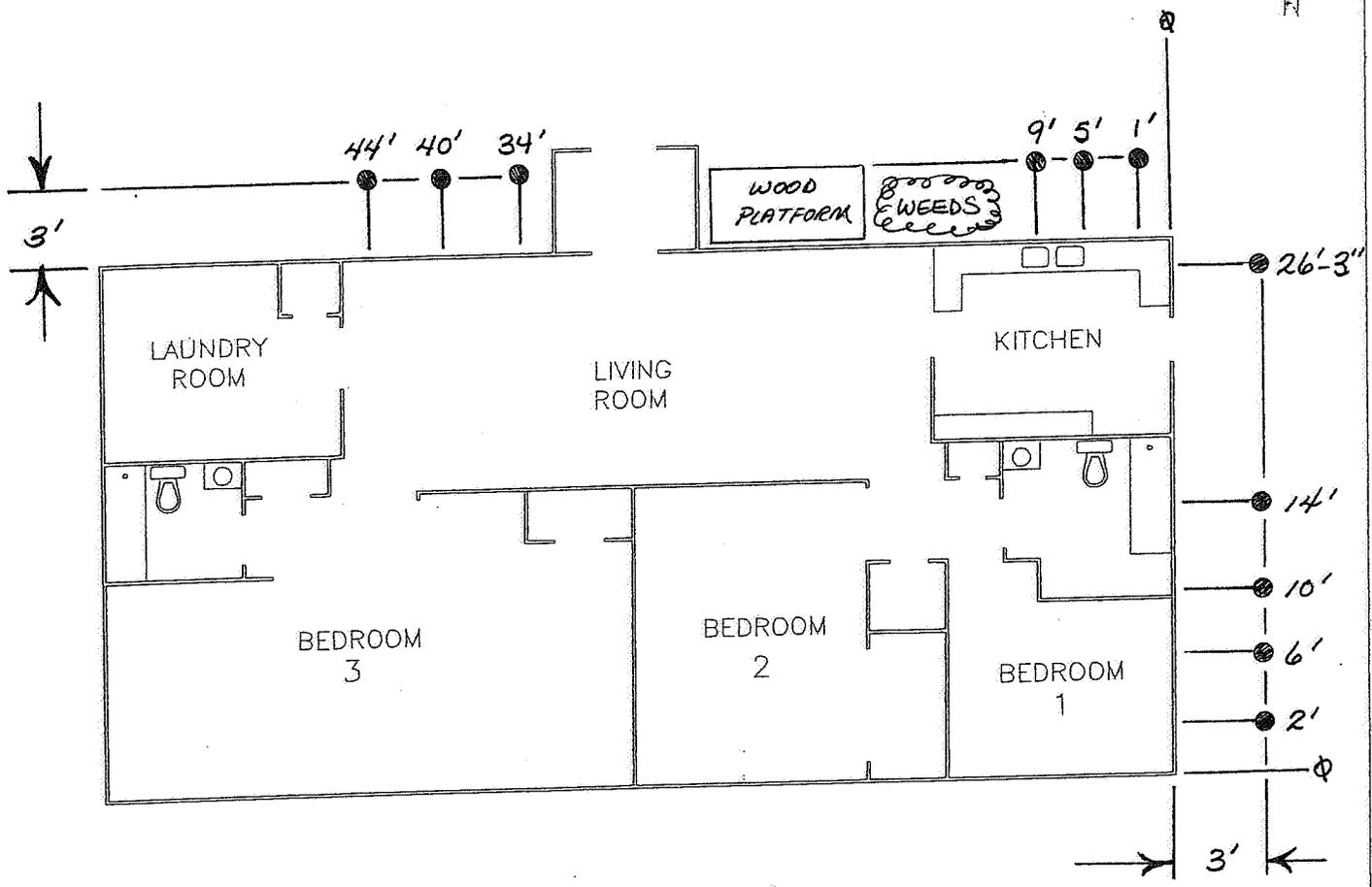
LOCATION MAP

USDA FOREST SERVICE
 SANDIA #17
 TONOPAH, NEVADA

Scale	NTS	File No.	06-23774-01
Date	6-11-07	Project No.	
Drafted By	DR	Drawing No.	
Checked By	JP		2
Approved By			



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 Environmental Sciences



S-03

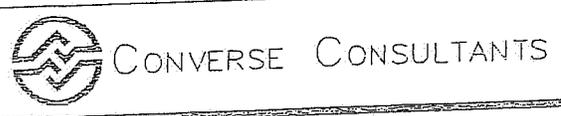
11 ALIQUOTS TOP 1/2" SOIL

EAST/NORTH COMPOSITE

LOCATION MAP

USDA FOREST SERVICE
SANDIA #17
TONOPA, NEVADA

Scale	NTS	File No.	06-23774-01
Date	6-11-07	Project No.	
Drafted By	DR	Drawing No.	3
Checked By	JP		
Approved By			



Over 50 Years of Dedication
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Environmental Sciences

Lead-Based Paint Risk Assessment Report

Sandia Housing – Tonopah

Sandia #17

Prepared For:

**USFS Region 4
Humboldt Toiyabe National Forest
1200 Franklin Way
Sparks, Nevada 89431**

Prepared By:

**Converse Consultants
4840 Mill Street, Unit #5
Reno, Nevada 89502**

**John W. Petersen, EPA Certified Risk Assessor
EPA Certification # NV-R-1330-2**

May 4, 2007



Converse Consultants

Over 50 Years of Dedication in Geotechnical Engineering and Environmental Sciences

May 4, 2007

06-23774-01

USFS Region 4
Humboldt Toiyabe National Forest
1200 Franklin Way
Sparks, Nevada 89431

Attention: Mr. Kenneth Maas

Subject: Lead-Based Paint Risk Assessment Report
Sandia Housing #17 – Tonopah, Nevada

Dear Mr. Maas:

Converse Consultants (Converse) is pleased to submit the results of the Lead-Based Paint (LBP) Risk Assessments for the Sandia Housing designated #17 located in Tonopah, Nevada. Based on our understanding of the project, our scope of services consisted of conducting LBP risk assessments to support the transfer of USFS Region 4 housing to the private sector. The purpose of the risk assessment is to identify whether LBP hazards are present and to formulate recommendations for controlling or eliminating the hazards for the purpose of notifying future occupants of what was found and what was done in relation to these structures. All work was performed to meet the Environmental Protection Agency (EPA 40 CFR 745) and U.S. Department of Housing and Urban Development (HUD 24 CFR Part 35) guidelines to protect young children from LBP hazards in housing that is financially assisted by the Federal government or sold by the government. Our scope of work was performed in general accordance with our proposal dated November 28, 2006, and the written authorization of the USFS Region 4 dated February 21, 2007.

The risk assessment was conducted on March 21st thru March 22nd, 2007, by John W. Petersen, an EPA certified Risk Assessor (License No.: NV-R-1330-2).

METHODOLOGY

The definition of a LBP hazard is “any condition that causes exposure to lead that would result in adverse human health effects” and that comes from:

- Lead-contaminated dust.

t:\company files\2006\06-23774-01\USFS-Sandia Risk Assessments\Sandia #17 doc.1

4840 Mill Street, Suite 5, Reno, Nevada 89502

Telephone: (775) 856-3833 ♦ Facsimile: (775) 856-3513 ♦ e-mail: reno@converseconsultants.com



- Bare lead-contaminated soil.
- Lead-contaminated paint that is deteriorated or present on accessible, friction, or impact surfaces.

The hazards considered to be of the greatest immediate concern are those to which children are most frequently exposed. Intact LBP on flat surfaces not subject to abrasion, impact, or other disturbances, although of less concern, is still a potential hazard because the paint can deteriorate over time as a result of age, disturbance through renovation and repair, or major casualty such as weather and water intrusion.

A LBP is any paint, varnish, stain, shellac, or other applied coating that contains 1 mg/cm², 0.5 percent by weight or 5,000 parts per million (ppm) or more of lead.

Based on these exposure concerns, Converse conducted an on-site investigation of the structure to determine the location, the severity, and the nature of possible LBP hazards. This on-site investigation consisted of a review of previous LBP inspections, a visual inspection to determine the building condition, the condition of painted surfaces, the need for structural repairs, and locations for dust and soil sampling. Limited environmental sampling of dust and soil was conducted in regards to possible hazards identified for the purpose of identifying acceptable abatement or interim control strategies for controlling those hazards. Data information regarding the review of the LBP inspection; the building condition; and the Paint conditions can be found in Appendix A.

A resident questionnaire was not required in regards to this structure since it was unoccupied.

RESULTS

The interior paint film coatings identified in relation to the structure designated Sandia #17 were in reasonably good condition overall. No visible LBP hazards were observed. It must also be noted that the XRF testing conducted in September 2005, did indicate lead contaminated paint at or above the Federal abatement level of 1.0 mg/cm² on the randomly selected painted surfaces that were analyzed within the structure. These surfaces consisted of the front entry door components and the window components located in the middle and the southwest bedrooms of the structure. Additional information regarding the LBP Inspection can be found in the Converse Project Report #05-73178-01-02 located in Appendix F.

However, exterior paint film coatings were damaged to severely damaged and LBP hazards (as defined in Title X of the 1992 Housing and Community Development Act) were observed. These hazards exist of the following:

- Deteriorated (cracking, peeling, blistering) paint located in regards to the exterior eaves/soffit of the structure. This was observed on the north side of the structure where enclosure material was missing.
- Severely deteriorated (cracking, peeling, blistering) paint located on the front entry door to the structure.
- Severely deteriorated (cracking, peeling, blistering) paint located on the carport/garage. It must be noted that XRF testing did not indicate this paint film coating to be above the regulated level of concern in the LBP inspection conducted at the Property. However paint chips collected of the paint (due to deterioration) showed the material to be 5,910 ppm which exceeds the level.
- Severely deteriorated paint located on the storage shed located on the southeast corner of the structure.

X-ray Fluorescence (XRF) paint testing and paint chip sampling conducted by Converse on November 2, 2005, indicated these materials to contain lead equal to or greater than 1.0 mg/cm², 0.5 percent by weight or 5,000 parts per million (ppm).

Damaged paint located on the exterior stucco on structure was also identified. However, it must be noted that XRF testing identified this material to contain lead below regulated limits of concern. Visual documentation of the condition of the structure is identified on the photo pages located in Appendix B.

Dust wipe sampling was conducted at the entries into the structure for the purpose of identifying whether identified LBP hazards present on the exterior of the structure may have created LBP dust contamination to the interior of the structure. The areas sampled consisted of the front entry area and the kitchen entry. Lead dust was identified to be present above regulated limits of concern. The current EPA and HUD Guidelines for floor dust samples is ≥ 40 $\mu\text{g}/\text{ft}^2$ and laboratory results indicated a dust level of 341 $\mu\text{g}/\text{ft}^2$. It is the opinion of Converse that this contamination is being tracked into the structure from the foyer of the structure where visible paint chips were observed. This contamination is being caused from the deterioration of paint coatings

on the front entry door and possibly exterior contamination from soil. Additional information regarding the dust samples collected can be found in Appendix C.

Sampling was also conducted in relation to bare soil around the perimeter of the structure and the associated carport/garage to identify if LBP hazards were present which may contribute to contamination of the structure or children exposure issues. Two composite soil samples were collected from the perimeter of the structure, and one composite sample was collected from the perimeter of the carport/garage. The lead level identified to be present on the east/north perimeter of the structure was above regulated limits of concern. The soil sample was identified to contain a lead level of 17,900 ppm. The current EPA and HUD Guidelines for soil is ≥ 400 ppm for play areas and ≥ 1200 ppm for the rest of the bare soil areas. Based on these criteria the soil is considered to be a hazard at this property. The actual cause for this contamination was not determined since the eave/soffit enclosure, although not properly sealed and dust-tight, was intact with the exception of a small area on the west side of the north entry foyer. Since it was in correlation to the drip-line of the roof it is possible contamination maybe part of further deterioration behind the enclosure. It is also possible soil contamination may have been caused when the enclosure was originally installed. Additional information regarding the soil samples collected can be found in Appendix D.

No other assessment actions were requested in regards to this property, such as demographics and use pattern descriptions, air sampling, water sampling, management system analysis and maintenance work systems.

LEAD HAZARD CONTROLS

Based on our understanding of HUD's Lead Safe Housing Rule (24 CFR Part 35), it is the opinion of Converse that any properties built before 1960 require the following lead hazard controls:

- Abatement of lead-based paint hazards, and/or
- Abatement of lead-based paint

Abatement measures include building component replacement; enclosure; paint removal; encapsulation (with patch tests and a 20 year warranty); permanent soil covering (paving); and soil removal/replacement.

It must be noted that the regulation permits the Federal agency to pass the responsibility for abatement onto the buyer, if the agency takes the responsibility for assuring that abatement is carried out by the purchaser before occupancy.

It must also be noted that Interim Control options are not an option per the Lead Safe Housing Rule.

Based on the results of our on-site investigation, the following hazard controls are recommended:

Exterior Eaves/Soffit/Attic Vent Covers

- Repair the existing metal enclosure currently present on the structure. This will require repairing and upgrading the enclosure to ensure it is a rigid, durable, and dust-tight barrier. It must be mechanically attached to the building components and sealed along all edges and seams with caulk. All enclosures must have a design life of a minimum 20 years. The current enclosure is not sealed and/or dust-tight. Also, it must be noted that some areas of fascia trim need to be replaced. It must be noted that this does not make the structure lead free, it only makes the structure free of LBP hazards. It is also important to label surfaces that contain LBP behind the enclosure with a warning "Danger Lead-Based Paint". It must be understood that this enclosure prevents the ability to observe whether further deterioration is occurring.

Estimated Cost: \$ 3,000.00

- Remove the existing enclosure and stabilize the existing paint film coatings. This would require the wet scraping and/or HEPA sanding of the deteriorated paint presently on the structure; structural repair of the surface the deteriorated paint was covering (as necessary); preparation of the surface (cleaning, deglossing, neutralizing and rinsing); application of a topcoat and primer. It must be noted that this does not make the structure lead free, but it allows ongoing evaluation of the paint for the purpose of maintaining it's condition.

Estimated Cost: \$ 6,000.00

- Remove the existing enclosure and all LBP using chemical paint removers.

Estimated Cost: \$ 11,000.00

Front Entry Door

- Remove/replace the existing door, casing and trim.

Estimated Cost: \$1,000.00

- Remove all LBP from the door assembly utilizing chemical paint removers and repaint.

Estimated Cost: \$ 2,000.00

Carport/Garage Structure

- Stabilize the existing paint film coatings located on the structure and repaint. This would require the wet scraping and/or HEPA sanding of the deteriorated paint presently on the structure; structural repair of the surface the deteriorated paint was covering (as necessary); preparation of the surface (cleaning, deglossing, neutralizing and rinsing); application of a topcoat and primer.

Estimated Cost: \$3,500.00

- Stabilize the existing paint film coatings located on the structure necessary to dismantle and remove. Lead painted components may be removed intact by non-lead trained or certified workers provided that no paint is disturbed during the removal process.

Estimated Cost: \$1,750.00

Storage Shed

- Stabilize the existing paint film coatings located on the structure and repaint. This would require the wet scraping and/or HEPA sanding of the deteriorated paint presently on the structure; structural repair of the surface the deteriorated paint was covering (as necessary); preparation of the surface (cleaning, deglossing, neutralizing and rinsing); application of a topcoat and primer.

Estimated Cost: \$2,000.00

- Stabilize the existing paint film coatings located on the structure necessary to dismantle and remove. Lead painted components may be removed intact by non-

lead trained or certified workers provided that no paint is disturbed during the removal process.

Estimated Cost: \$1,000.00

Soil Remediation (east/north perimeter of structure)

Bare soil with a lead content exceeding 5,000 ppm requires the removal of 2-6 inches of lead-contaminated soil; disposal of it in accordance with federal and state standards; and putting new soil in it's place.

Estimated Cost Remove/Replace Soil: \$40.00 – 50.00 CY

Interior Dust Remediation

- HEPA vacuuming and wet-wiping of the smooth cleanable interior floor areas with an appropriate cleaning agent and the steam cleaning of carpet material.

Estimated Cost: \$600.00

This process should not be performed until all abatement controls to the Property have been completed.

The costs shown above include labor, materials, worker protection, site containment, clean-up and disposal costs. Disposal of lead-contaminated soil and/or LBP will require Toxicity Characteristic Leaching Procedure (TCLP) analysis for the purpose of waste characterization prior to disposal, which also will affect disposal costs. These are only rough estimates for budgetary purposes; a precise estimate should be obtained from a certified lead-based abatement contractor.

It must also be noted that the condition of the existing roofing system is poor and should be evaluated for removal/replacement. This needs to be completed or deterioration of the existing eaves, soffits will continue.

All abatement or removal of lead paint must be performed by a certified Nevada licensed lead abatement contractor using workers that have undergone the necessary lead training. Minor lead disturbance can be performed by workers who have undergone 16-hours of lead awareness training and have had medical examinations, blood lead screening, and have current respirator fit testing documentation allowing the

use of personal protective equipment (PPE) including respirators. Personal air monitoring to evaluate the worker exposure to airborne lead dust must also be performed unless an exposure assessment is performed in accordance with the "OSHA Lead in Construction Standard" 29 CFR 1926.62. Lead painted components may be removed intact by non-lead trained or certified workers provided that no paint is disturbed during the removal process. Supervisors must have a minimum of 40 hours of training and 8 hours of hands-on training.

Converse further recommends that the lead removal activities be monitored by an independent third party or consultant knowledgeable in lead stabilization and abatement procedures and is at a minimum, an EPA certified Lead Project Monitor.

Method of Purchaser Notification

On March 6, 1996, the EPA and HUD published a final rule, "Lead; Requirements for Disclosure of Known LBP Hazards in Housing," (61FR 9064-9088). This final rule requires persons selling or leasing most residential housing built before 1978 to provide purchasers and renters with a federally approved lead hazard information pamphlet and to disclose known lead-based paint hazards. The disclosure encompasses all items affixed to the property (i.e. garages, sheds, etc).

The results of this report will be described by the owner to future purchasers of this Property. Also a copy of the "Disclosure of Information on Lead-Based Paint and/or Lead-Based Paint Hazards" and the EPA pamphlet "Protect Your Family From Lead in Your Home" will be provided. Copies of the Disclosure Information Form can be found in Appendix E.

Confidentiality and Limitations

This assessment has been prepared for the sole benefit and exclusive use of the USFS Region 4 as it pertains to the Sandia Housing Unit #17 in Tonopah, Nevada. Our services have been performed in accordance with generally accepted practices in the environmental sciences. No other warranty, either expressed or implied, is made.

Converse Consultants is not responsible or liable for any claims or damages associated with the accuracy or completeness of information provided by others. This report should not be regarded as a guarantee that further LBPs hazards, beyond that which were or were not detected in our evaluation, are present at the property. In the event that changes in the nature of the property occur, or additional relevant information about

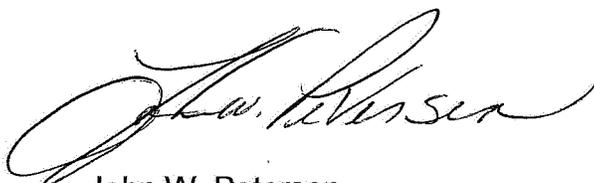
the property is brought to our attention, the conclusions and recommendations contained in this letter report may not be valid unless these changes and additional relevant information are reviewed and the conclusions of this letter report are modified or verified in writing. Reliance on this report by Third Parties shall be at the Third Party's sole risk.

Thank you for the opportunity to be of service. Should you have any questions or comments regarding this assessment, or if you require further assistance, please do not hesitate to call our office.

Respectfully submitted,

CONVERSE CONSULTANTS

Reviewed and Approved by:



John W. Petersen
EPA Certified Risk Assessor
EPA Certification #NV-R-1330-2



Dean R. Stanphill
SVP/Managing Officer



APPENDIX A

**LBP Inspection Review
Building Condition Data
Paint Condition Data**

REVIEW OF PREVIOUS LEAD-BASED PAINT INSPECTIONS

		Yes	No
1	Did the report clearly explain the entire testing program and include an executive summary in narrative form?	X	
2	Did the report provide an itemized list of similar building components (testing combinations) and the percentage of each component that tested positive, negative, and inconclusive? (Percentages are not applicable for single-family dwellings.)	N/A	
3	Did the report include test results for the common areas and building exteriors as well as the interior of the dwelling units?	X	
4	Were all of the painted surfaces that are known to exist in the dwelling units, common areas, and building exteriors included in the itemized list of components that were tested?	X	
5	If confirmation testing (laboratory testing) was necessary, did the testing or inspection firm amend the final report and revise the list of surfaces that tested positive, negative, and inconclusive?	N/A	
6	Was the unit selection process performed randomly?	X	
7	Is the name of the XRF manufacturer and the model, serial numbers of the XRF that was used in each unit recorded in the report?	X	
8	Did the report record the XRF calibration checks for each day that testing was performed?	X	
9	Did the calibration checks indicate that the instrument was operating within the Quality Control Value?	X	
10	Was the required number of readings collected for each surface?	X	
11	Were substrate corrections performed if required?	N/A	
12	Were confirmatory paint-chip samples collected if XRF readings were in the inconclusive range?	N/A	
13	Was the procedure that was used to collect the paint-chip samples described?	X	
14	Was the laboratory that analyzed the paint-chip samples identified?	X	

BUILDING CONDITION FORM

SANDIA #17

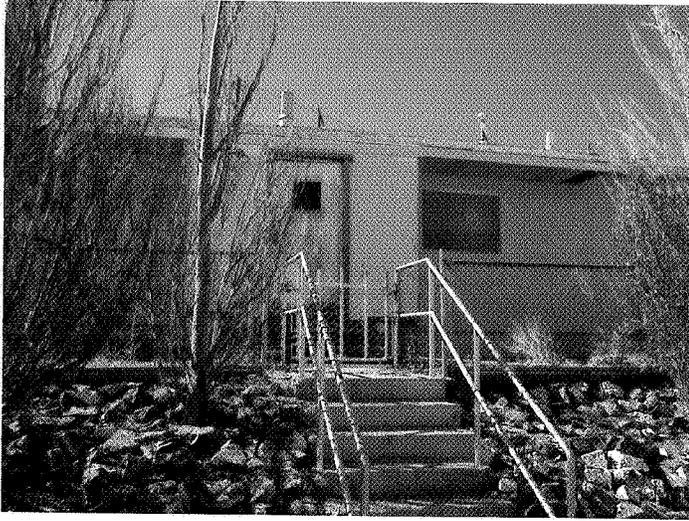
Condition	Yes	No
Roof missing parts of surfaces (tiles, boards, shakes, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Roof has holes or large cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Gutters or downspouts broken	N/A	
Exterior or interior walls have obvious large cracks or holes requiring more than routine pointing (if masonry) or painting	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Exterior siding has missing boards or shingles	N/A	
Water stains on interior walls or ceilings	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Plaster walls or ceilings deteriorated	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Two or more windows or doors broken, missing, or boarded up	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Porch or steps have major elements broken missing, or boarded up	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Foundation has major cracks, missing material, structure leans, or visibly unsound	<input type="checkbox"/>	<input checked="" type="checkbox"/>
TOTAL NUMBER <small>(If the "YES" column has two or more checks, the dwelling is usually considered to be in poor condition for the purpose of a risk assessment. However, specific conditions and extenuating circumstances should be considered before determining the final condition of the dwelling.)</small>	0	8

PAINT CONDITIONS ON SELECTED SURFACES

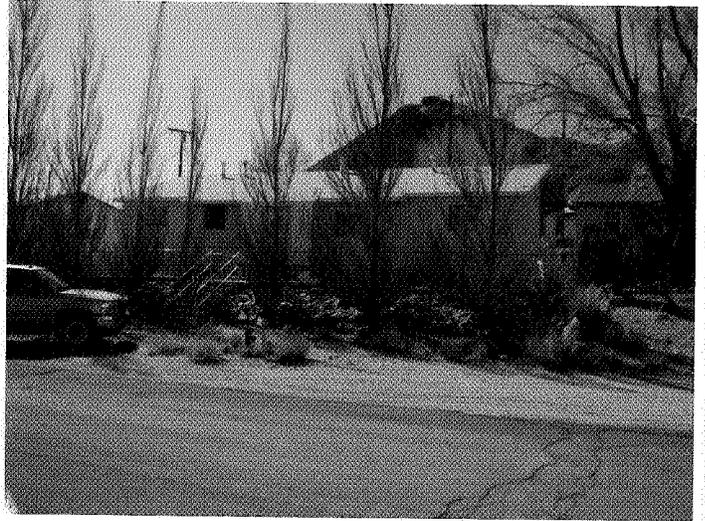
SANDIA #17

Building Component	Paint Condition (intact, fair, poor, or not present)	Deteriorization due to friction or impact	Deteriorization due to moisture/ weather	Location of painted component with visible bite marks
Building Exterior Walls	Fair	No	Yes	N/A
Exterior Trim	Covered	---	---	N/A
Exterior Windows	Poor	No	Yes	N/A
Exterior Doors	Poor	No	Yes	N/A
Exterior Soffit/Eaves (covered)	Poor	No	Yes	N/A
Porch Floors	Poor	No	Yes	N/A
Other Porch Surfaces	Intact	---	---	N/A
Interior Doors	Intact	---	---	N/A
Ceilings	Intact	---	---	N/A
Walls	Intact	---	---	N/A
Interior Windows	Intact	---	---	N/A
Interior Floors	Intact	---	---	N/A
Interior Trim	Intact	---	---	N/A
Kitchen Cabinets	Intact	---	---	N/A
Bathroom Cabinets	Intact	---	---	N/A
Other Surfaces:	Intact	---	---	N/A

APPENDIX B
Photographs



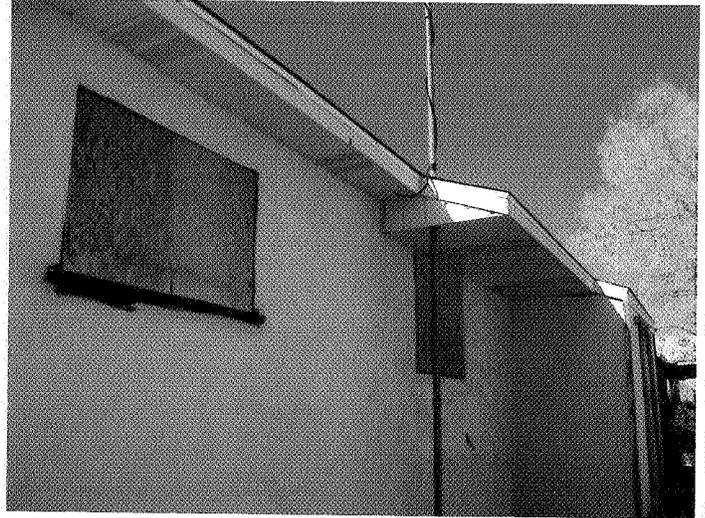
Picture #1



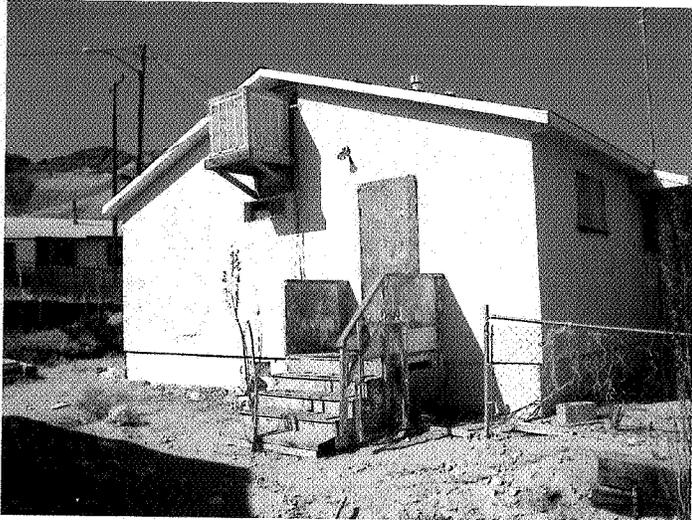
Picture #2



Pictures #3



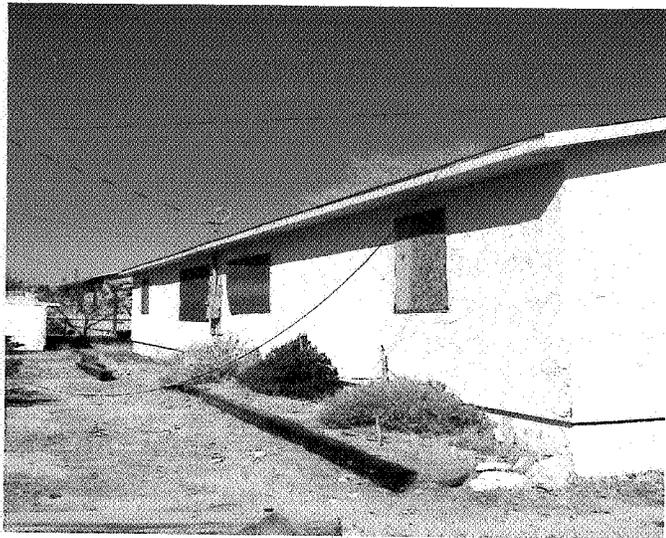
Picture #4



Picture #5



Picture #6



Picture #7



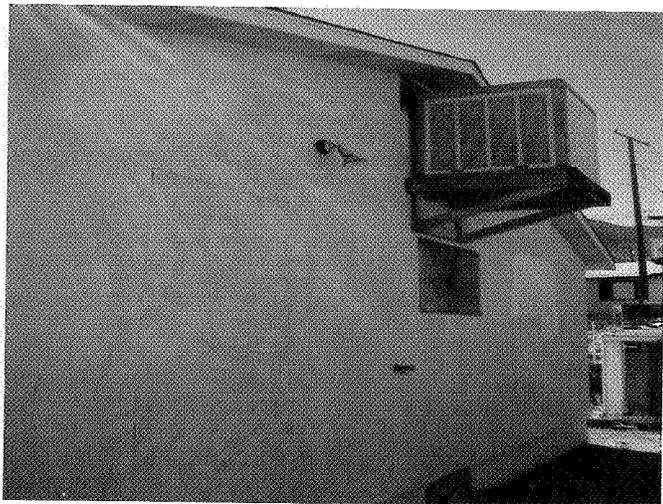
Picture #8



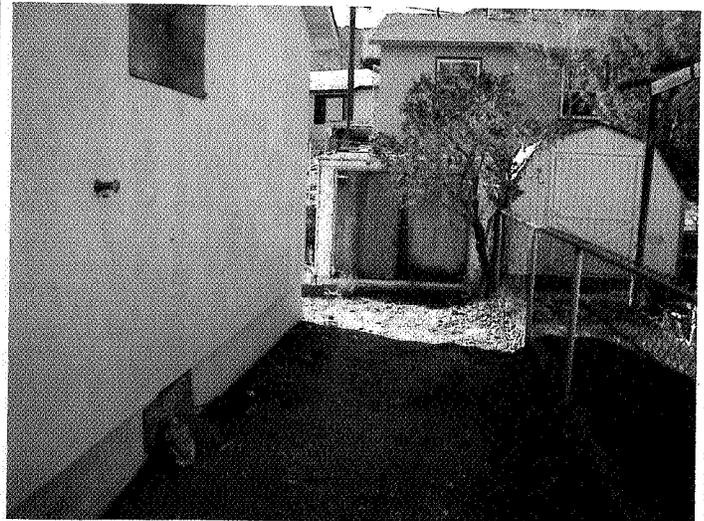
Pictures #9



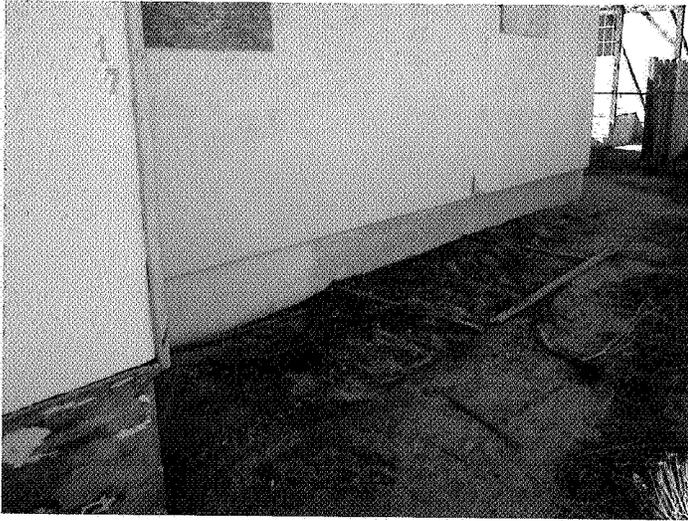
Picture #10



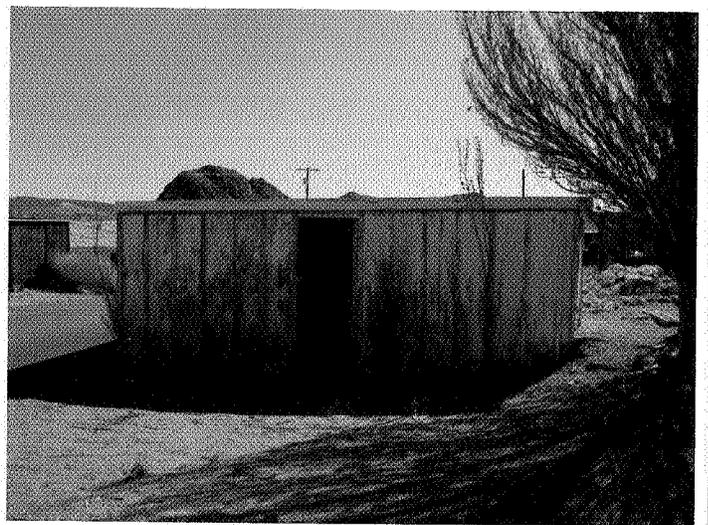
Picture #11



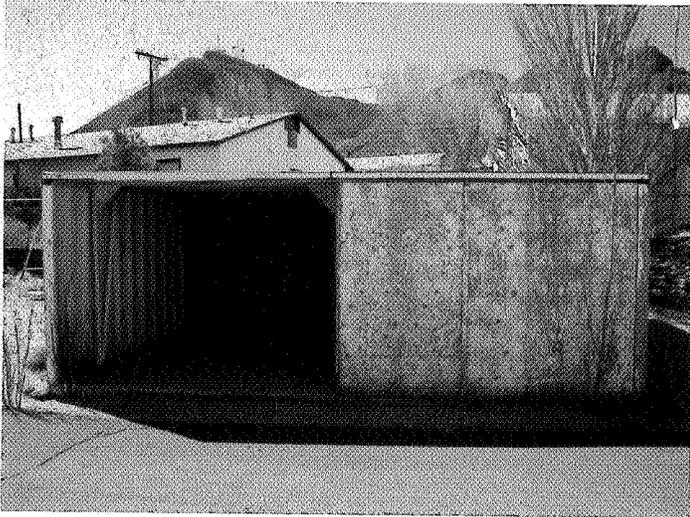
Picture #12



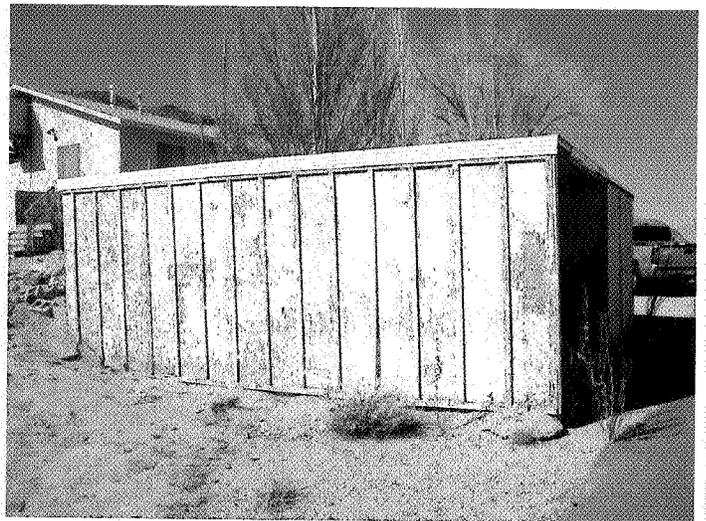
Picture #13



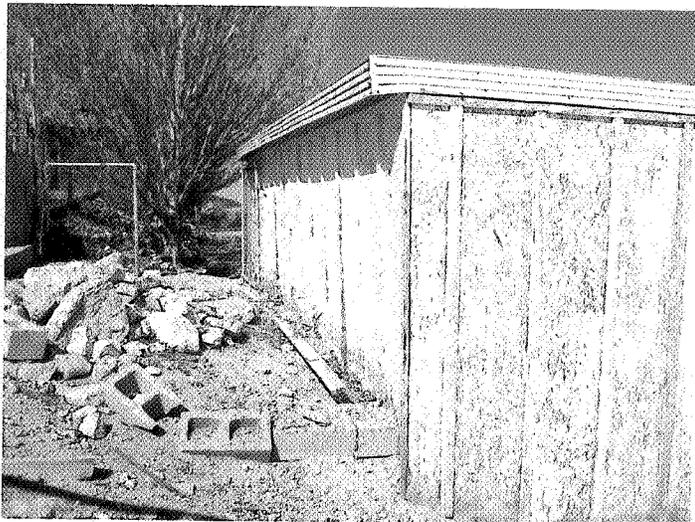
Picture #14



Pictures #15



Picture #16



Picture #17

APPENDIX C

Dust Wipe Samples

Field Sampling Form for Dust

Name of Risk Assessor: John W. Petersen

Name of Property Owner: USFS Region 4
Humboldt Toiyabe National Forest
1200 Franklin Way
Sparks, Nevada 89431

Property Address: Sandia #17
Tonopah, Nevada

Dwelling Selection Protocol: Targeted

Target Dwelling Criteria: Real Estate Transaction

Sample number	Rooms included in sample	Dimension of surface sampled in each room (inches x inches)	Total surface area sampled (ft ²)	Type of surface sampled	Is surface smooth and cleanable	Lab Result (µg/ft ²)
LW - 4 (Sandia #17)	Kitchen Entry Front Entry	12" x 12" 12" x 12"	2	Smooth floors	Yes	341

HUD Standards: 40 µg/ft² (floors), 250 µg/ft² (interior window sills), 400 µg/ft² (window troughs)

Total # of samples on this page: 1

Page 1 of 1

Date of Collection: 3-21-07

Date shipped to lab: 3-23-07

Shipped by:



Received by: Fed X

Revised

(408) 727-9727

Converse Environmental Cons.
 4840 Mill Street, Unit 5

 Reno NV 89502

Person to contact: Dan Dolk
 Contact phone: 775-856-4446
 FAX phone: 775-856-3513
 Samples received on: March 26, 2007
 Samples analyzed on: March 27, 2007 at: 12:19
 Report printed on: March 27, 2007 at: 12:19
 Corresponding invoice number: 162196

Duy Nguyen

Analyst: _____
DN (signature)

Laboratory manager: _____
(signature)

Job Number: 06-2377401

Job Description: Sandia Housing Tonopah, Nevada

Lab Sample Number	Client Sample Number and Description	Calb #	Rcvd OK	Ac-cptd	Reporting Limit	Sample area ft ²	Lead $\mu\text{g}/\text{ft}^2$
WC162196-	LW-1 Sandia #4 Entry Areas	11216	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6 $\mu\text{g}/\text{ft}^2$	2.00	11.1
WC162196-	LW-2 Sandia #8 Entry Areas	11216	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6 $\mu\text{g}/\text{ft}^2$	2.00	249
WC162196-	LW-3 Sandia #10 Entry Areas	11216	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6 $\mu\text{g}/\text{ft}^2$	2.00	< 6.25
WC162196-	LW-4 Sandia #17 Entry Areas	11216	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	63 $\mu\text{g}/\text{ft}^2$	2.00	341
WC162196-	LW-5 Sandia #24 E/W Entry Areas	11216	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	42 $\mu\text{g}/\text{ft}^2$	3.00	530

This report may not be reproduced except in full and with the permission of MACS Lab, Inc. This report relates only to the item(s) tested. AIHA does not accredit laboratories for composite dust wipe analysis, and MACS Lab does not recommend the use of such samples. Samples are consumed in the analysis. Analysis is performed on a flame AA Spectrometer. For Quality Control data refer to Calibration Number QA Report. NIOSH 7082 is the analytical method used. Samples are digested in Nitric Acid and Hydrogen peroxide. Wipe area is from client chain of custody and collection technique is that of client.

Calibration # AA-11216

Element Lead Matrix: Dust Method Detection Limit 0.25 µg/ml
Date of Analysis March 27, 2007 Analyst DN

	Measured Value	Target Value	Acceptance Criterion
Standard value 0.0 µg/ml	0.00000 units	N/A	
Standard value 0.8 µg/ml	0.01420 units	N/A	
Standard value 2.0 µg/ml	0.03720 units	N/A	
Standard value 5.0 µg/ml	0.09320 units	N/A	
Standard value 10.0 µg/ml	0.18350 units	N/A	
Slope	54.3732 µg/ml/unit	N/A	
Intercept	-0.007971 µg/ml	N/A	
Correlation coefficient	0.999954	1	≥ 0.99700 Acceptable
0.25 µg/ml Reference	0.248 µg/ml	0.25	≥ 0.06 Acceptable
Glassware rinse water	< 0.250 µg/ml	0	
1st Matrix Blank	< 0.250 µg/ml	0	≤ 0.25 Acceptable
Method Blank Beginning	-1.758 µg	0	≤ 12.5 Acceptable
CCV Beginning	5.092 µg/ml	5.0000	± 10.0% Acceptable
ICV Beginning	0.552 µg/ml	0.6000	± 10.0% Acceptable
LCS Before sample 1	11.041 µg/ml	11.2487	± 10.0% Acceptable
CCV Before sample 11	4.978 µg/ml	5.0000	± 10.0% Acceptable
CCB Before sample 11	< 0.250 µg/ml	0	≤ 0.25 Acceptable
Method Blank Before sample 11	-0.670 µg	0	≤ 12.5 Acceptable
CCV Before sample 21	N/A µg/ml	5.0000	± 10.0%
CCB Before sample 21	N/A µg/ml	0	≤ 0.25
2nd Matrix Blank	N/A µg/ml	0	≤ 0.25
Method Blank Before sample 21	N/A µg	0	≤ 12.5
CCV Before sample 31	N/A µg/ml	5.0000	± 10.0%
CCB Before sample 31	N/A µg/ml	0	≤ 0.25
Method Blank Before sample 31	N/A µg	0	≤ 12.5
CCV After	4.940 µg/ml	5.0000	± 10.0% Acceptable
CCB After	< 0.250 µg/ml	0	≤ 0.25 Acceptable
Method Blank After	-0.399 µg	0	≤ 12.5 Acceptable
LCS After	10.861 µg/ml	11.2487	± 10.0% Acceptable
RLVS	0.242 µg/ml	0.2500	± 20.0% Acceptable
(LCS) Matrix Spike for 1-20	2.857 µg/ml	3.017	± 25.0% Acceptable
(LCS) Matrix Spike Duplicate for 1-20	2.868 µg/ml	3.037	± 25.0% Acceptable
(LCS) Matrix Spike for 21-40	N/A µg/ml		± 25.0%
(LCS) Matrix Spike Duplicate for 21-40	N/A µg/ml		± 25.0%

Note:

MDL= Minimum Detection Limit of the method (absolute)

ICV= Initial Calibration Verification

CCV= Continuing Calibration Verification

CCB= Continuing Calibration Blank

N/A = Not Applicable

LCS= Laboratory Control Sample - NIST SRM-1579

RLVS=Reporting Limit Verification Sample

Air samples are spiked MCE filters using a liquid or solid of known analyte concentration. Dust (or Wipe) samples are spiked with a solid powdered paint (such as SRM-1579) of known analyte concentration added to a towelette. The spiked samples are taken through the entire preparation process. There is a duplicate spike sample prepared exactly as the original spike. The Method Blank contains all the reagents and the matrix. The blank is carried through all steps of the analysis starting with the digestion step. This blank is used to detect contamination from the laboratory. Accuracy is the degree of agreement between an observed value and an accepted reference value such as the LCS NIST SRM-1579 sample. Precision is the degree to which a set of observations or measurements of the same property conform to themselves.

MACS Lab, Inc.
 1505 Wyatt Dr
 Santa Clara, CA 95054-1586

(408) 727-9727

AA Analysis Data Report

NOTICE:
 Instrument reading is in absorbance units
 For solids (paint and soil):
 Weight is in grams
 Paint area (if present) is in sq cm

For air:
 LPM= Liters per minute supplied by client
 Minutes = duration of sample
 m³ (on report) means cubic meter

For wipe:
 Area = Wipe area supplied by client in sq ft
 ft² (on report) means square foot

Client:

Converse Environmental Cons.

Submission ID Number: **162196**

Lead laboratory manager
 or designee: _____

(signature)

Samples received on: March 26, 2007

Samples analyzed on: March 27, 2007

at: 12:19

I verify that I have checked the records and the data
 entered here is accurate and matches the written records.

Sample #	Weight, LPM, or area	Solution vol ml	Instr. reading	Paint area or minutes
1	2.0000	50	0.00830	0
2	2.0000	50	0.18340	0
3	2.0000	50	0.00390	0
4	2.0000	500	0.02520	0
5	3.0000	500	0.05860	0

This report shows the data associated with the individual samples. This includes the MACS Lab, Inc. sample number, the sample weight digested, LPM, area wiped, dilution (solution volume), instrument reading in absorbance, paint area, time in minutes. By using the data on this page, and the slope and intercept found on the calibration curve page of this report one can calculate the concentration of analyte in the original sample. Be sure to use the calibration curve data for the sample tested (see sample results page for Calib. Number). In the case of paint and soil matrices multiply the slope times the absorbance and add the intercept. Multiply this number by the dilution and then divide by the weight. The result will be expressed in PPM. In the case of dust samples multiply the slope times the absorbance and add the intercept. Multiply this number times the dilution and adjust for the area wiped if it is not 1 sq ft. For air samples multiply the slope times the absorbance and add the intercept. Multiply this number by the dilution. This will be the number of µg of lead on the filter. Divide this number by the liters of air used and compute the concentration in cubic meters. A cubic meter contains 1000 liters. Note: in all cases if the concentration calculated by multiplying the slope times the absorbance and adding the intercept is below the MDL (method detection limit) value for that matrix substitute the MDL for the value calculated. This will be the Reporting Limit in PPM. (note: the MDL is shown only to 2 significant figures on this report which will result in slight differences between our and your calculations for this number).

The slope and intercept can be calculated using the absorbance and concentration (see the Quality Control Report) of the standards used in the analysis. This can be done by using linear regression analysis.

W162190

Chain of Custody Record

To Be Used For All Types Of Analysis

Analytical and Environmental Services
Area Lab #

Name: CONVERSE CONSULTANTS		Sampled By: A. PETERSEN	Date Sampled: 3-21-07	Comment Code: CONV 3
Address: 4840 MILL STREET #5		Project Name: SANDIA HOUSING	Job #: 06-23774-01	
City: RENO		Site Address:		
State: NV Zip: 89502		City, State, Zip: TAMPAH, NEVADA		
Phone No: (775) 856-3833		Site Contact:		
Fax No: (775) 856-3513		Phone No:		
Cell No:		Fax No:		
Email:		Comments:		
Sampler Prepared: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Received Cold: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
LW-1	SANDIA #4 ENTRY AREAS			
LW-2	SANDIA #8 ENTRY AREAS			
LW-3	SANDIA #10 ENTRY AREAS			
LW-4	SANDIA #17 ENTRY AREAS			
LW-5	SANDIA #24/25/26 ENTRY AREAS			
Analyzed by: A. Petersen Date: 3-23-07 Credit Card #		Accepted by: [Signature] Date: 3-23-07	Time: 10:30 AM Check #	Time: 10:30 Net 30 Days

PCM (Air) - NIOSH 7400	
PLM (Bulk) - 40 CFR - Chap. I, Part 61, Subpart F Appendix A or CFR - Chap. I, Part 61, Subpart F Appendix B (Air, Palm, Soil)	✓
Lead (Wipes) Air, Palm, Soil	✓
TRM (Air, Bulk) - ARCA/Inmate Landfill	
Drinking Water Asbestos/Lead	
Mold (Non Viable, Viable - Air/Bulk)	
Metals (TCLP, CAM17, STLG)	
Chromium / Arsenic / Lead / Mercury	

Lab: **CONVERSE CONSULTANTS**
Material Analysis and Characterization Service

* TSM analysis in weak analysis requires 2 one-liter bottles shipped @ 4°C in dark containers for each sample.
 2565 Wynn Drive • Santa Clara, California 95054 • (408) 727-9727 • (800) MACS-LAB • (408) 727-7065 Fax • www.macslab.com

USEPA 7400, Air NIOSH 7002, Soil EPA 70007400, Wipes NIOSH 9100
 Water - 1 ug/l = 1 ppb
 Palm - 1% = 10,000 ppm

APPENDIX D

Soil Sample Results

Field Sampling Form for Soil

Name of Risk Assessor: John W. Petersen

Name of Property Owner: USFS Region 4
Humboldt Toiyabe National Forest
1200 Franklin Way
Sparks, Nevada 89431

Property Address: Sandia #17
Tonopah, Nevada

Dwelling Selection Protocol: Targeted

Target Dwelling Criteria: Real Estate Transaction

Sample number	Location	Bare or Covered	Lab Result ($\mu\text{g/g}$)
LBP - 11	Sandia #17 West/South Perimeter of House	Bare	107 ppm
LBP - 12	Sandia #17 East/North Perimeter of House	Bare	17,900 ppm
LBP - 13	Sandia #17 Carport Perimeter	Bare	390 ppm
HUD interim standard for play area			400 ppm
HUD interim standard for perimeter			1,200 ppm

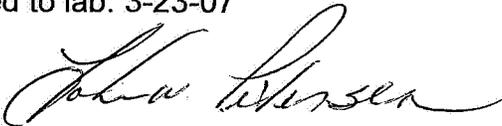
Total # of samples on this page: 3

Page 1 of 1

Date of Collection: 3-21-07

Date shipped to lab: 3-23-07

Shipped by:



Received by: Fed X

MACS Lab, Inc.
 1505 Wyatt Dr
 Santa Clara, CA 95054-1586



APR - 2 2007

Analysis Report
Lead in Soil
USEPA 7000/7420

(408) 727-9727

RECEIVED

Converse Environmental Cons.
 4840 Mill Street, Unit 5

 Reno NV 89502

Person to contact: Dan Dolk
 Contact phone: 775-856-4446
 FAX phone: 775-856-3513
 Samples received on: March 26, 2007
 Samples analyzed on: March 27, 2007 at: 12:32
 Report printed on: March 27, 2007 at: 12:32
 Corresponding invoice number: 162188
 Bias: 3.2% Precision: -0.7%

Analyst: Duy Nguyen
 DN (signature)

Laboratory manager: [Signature]
 (signature)

Job Number: 0623774-01

Job Description: Sandia Housing Tonopah, Nevada

Lab Sample Number	Client Sample Number and Description	Calib #	Rcvd OK	Ac-cptd	Report'g Limit ppm	%	Lead ppm	mg/cm ²
P162188-1	LBP#1 Sandia #4 West / South Perimeter House	11217	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19.9	0.0229	229	N/A
P162188-2	LBP#2 Sandia #4 East /North Perimeter House	11217	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20.0	0.0170	170	N/A
P162188-3	LBP#3 Sandia #4 Carport Perimeter	11217	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19.7	0.0185	185	N/A
P162188-4	LBP#4 Sandia #8 West / South Perimeter House	11217	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19.9	0.0269	269	N/A
P162188-5	LBP#5 Sandia #8 East / North Perimeter House	11217	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20.2	0.216	2,160	N/A
P162188-6	LBP#6 Sandia #8 Carport Perimeter	11217	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20.1	0.0795	795	N/A
P162188-7	LBP#7 Sandia #10 East / South Perimeter House	11217	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19.8	0.0187	187	N/A
P162188-8	LBP#8 Sandia #10 Carport Perimeter	11217	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19.7	0.290	2,900	N/A
P162188-9	LBP#9 Sandia #24 E/W East , South, West Perimeter House	11217	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20.0	0.0263	263	N/A

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(408) 727-9727

Lab Sample Number	Client Sample Number and Description	Calib #	Rcvd OK	Ac-cptd	Report'g Limit ppm	%	Lead ppm	mg/cm ²
P162188-10	LBP#10 Sandia #24 E/w Carport Perimeter	11217	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19.6	0.0617	617	N/A
P162188-11	LBP#11 Sandia #17 West /South Perimeter House	11217	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20.0	0.0107	107	N/A
P162188-12	LBP#12 Sandia #17 East / North Perimeter House	11217	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	396	1.79	17,900	N/A
P162188-13	LBP#13 Sandia #17 Carport Perimeter	11217	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19.4	0.0390	390	N/A
P162188-14	LBP#14 Play Area Between Sandia #8 & Sandia #10	11217	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19.9	< 0.0020	< 20	N/A

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Calibration # AA-11217

Element Lead Matrix: Soil Method Detection Limit 0.25 µg/ml
 Date of Analysis March 27, 2007 Analyst DN

	Measured Value	Target Value	Acceptance Criterion
Standard value 0.0 µg/ml	0.00000 units	N/A	
Standard value 0.8 µg/ml	0.01400 units	N/A	
Standard value 2.0 µg/ml	0.03610 units	N/A	
Standard value 5.0 µg/ml	0.09090 units	N/A	
Standard value 10.0 µg/ml	0.17740 units	N/A	
Slope	56.2290 µg/ml/unit	N/A	
Intercept	-0.020666 µg/ml	N/A	
Correlation coefficient	0.999910	1	≥ 0.99500 Acceptable
0.25 µg/ml Reference	0.221 µg/ml	0.25	≥ 0.06 Acceptable
Glassware rinse water	< 0.250 µg/ml	0	
1st Matrix Blank	< 0.250 µg/ml	0	≤ 0.25 Acceptable
Method Blank Beginning	-3.564 µg	0	≤ 12.5 Acceptable
CCV Beginning	4.995 µg/ml	5.0000	± 10.0% Acceptable
ICV Beginning	5.023 µg/ml	5.0000	± 10.0% Acceptable
LCS Before sample 1	10.764 µg/ml	10.3296	± 10.0% Acceptable
CCV Before sample 11	4.984 µg/ml	5.0000	± 10.0% Acceptable
CCB Before sample 11	< 0.250 µg/ml	0	≤ 0.25 Acceptable
Method Blank Before sample 11	0.091 µg	0	≤ 12.5 Acceptable
CCV Before sample 21	N/A µg/ml	5.0000	± 10.0%
CCB Before sample 21	N/A µg/ml	0	≤ 0.25
2nd Matrix Blank	N/A µg/ml	0	≤ 0.25
Method Blank Before sample 21	N/A µg	0	≤ 12.5
CCV Before sample 31	N/A µg/ml	5.0000	± 10.0%
CCB Before sample 31	N/A µg/ml	0	≤ 0.25
Method Blank Before sample 31	N/A µg	0	≤ 12.5
CCV After	4.995 µg/ml	5.0000	± 10.0% Acceptable
CCB After	< 0.250 µg/ml	0	≤ 0.25 Acceptable
Method Blank After	-2.158 µg	0	≤ 12.5 Acceptable
LCS After	10.860 µg/ml	10.3296	± 10.0% Acceptable
RLVS	0.221 µg/ml	0.2500	± 25.0% Acceptable
Spike of sample 162139 - 1	494.8 µg	500.0	± 25.0% Acceptable
Spike of sample 0 - 0	N/A µg	0.0	± 25.0%
Spiked Duplicate 162139 - 1	496.8 µg	500.0	± 25.0% Acceptable
Spiked Duplicate 0 - 0	N/A µg	0.0	± 25.0%
Duplicate of sample 162139 1	≤ 20 ppm	≤ 20	± 25.0% Acceptable
Duplicate of sample 0 - 0	N/A ppm		± 25.0%

Note:
 MDL= Minimum Detection Limit of the method (absolute)
 ICV= Initial Calibration Verification
 CCV= Continuing Calibration Verification
 CCB= Continuing Calibration Blank
 N/A = Not Applicable
 LCS= Laboratory Control Sample - NIST SRM-1579
 RLVS=Reporting Limit Verification Sample

Duplicate analyses are measurements of the variable of interest (in this case lead) performed identically on two subsamples of the same sample. The results from duplicate analyses are used to evaluate analytical or measurement precision but not the precision of sampling. Spiked samples are prepared by adding a known mass of the target analyte (in this case lead) to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. Spiked samples are used to determine the effect of the matrix on a method's recovery efficiency. The Method Blank is used to detect contamination from the laboratory. Accuracy is the degree of agreement between an observed value and an accepted reference value such as the LCS NIST SRM-1579 sample. Precision is the degree to which a set of observations or measurements of the same property conform to themselves. NEVER depend upon the laboratory to "fix-up" a poorly taken sample.

MACS Lab, Inc.
 1505 Wyatt Dr
 Santa Clara, CA 95054-1586

(408) 727-9727

AA Analysis Data Report

NOTICE:

Instrument reading is in absorbance units

For solids (paint and soil):

Weight is in grams

Paint area (if present) is in sq cm

For air:

LPM= Liters per minute supplied by client

Minutes = duration of sample

m³ (on report) means cubic meter

For wipe:

Area = Wipe area supplied by client in sq ft

ft² (on report) means square foot

Client:

Converse Environmental Cons.

Submission ID Number: **162188**

Lead laboratory manager
 or designee:



 (signature)

Samples received on: March 26, 2007

Samples analyzed on: March 27, 2007

at: 12:32

I verify that I have checked the records and the data entered here is accurate and matches the written records.

Sample #	Weight, LPM, or area	Solution vol ml	Instr. reading	Paint area or minutes
1	0.6279	50	0.05150	0
2	0.6257	50	0.03810	0
3	0.6342	50	0.04220	0
4	0.6283	50	0.06050	0
5	0.6187	500	0.04790	0
6	0.6214	50	0.17600	0
7	0.6316	50	0.04230	0
8	0.6337	500	0.06580	0
9	0.6254	50	0.05890	0
10	0.6379	50	0.14030	0
11	0.6257	50	0.02410	0
12	0.6317	1000	0.20190	0

This report shows the data associated with the individual samples. This includes the MACS Lab, Inc. sample number, the sample weight digested, LPM, area wiped, dilution (solution volume), instrument reading in absorbance, paint area, time in minutes. By using the data on this page, and the slope and intercept found on the calibration curve page of this report one can calculate the concentration of analyte in the original sample. Be sure to use the calibration curve data for the sample tested (see sample results page for Calib. Number). In the case of paint and soil matrices multiply the slope times the absorbance and add the intercept. Multiply this number by the dilution and then divide by the weight. The result will be expressed in PPM. In the case of dust samples multiply the slope times the absorbance and add the intercept. Multiply this number times the dilution and adjust for the area wiped if it is not 1 sq ft. For air samples multiply the slope times the absorbance and add the intercept. Multiply this number by the dilution. This will be the number of µg of lead on the filter. Divide this number by the liters of air used and compute the concentration in cubic meters. A cubic meter contains 1000 liters. Note: in all cases if the concentration calculated by multiplying the slope times the absorbance and adding the intercept is below the MDL (method detection limit) value for that matrix substitute the MDL for the value calculated. This will be the Reporting Limit in PPM. (note: the MDL is shown only to 2 significant figures on this report which will result in slight differences between our and your calculations for this number).

The slope and intercept can be calculated using the absorbance and concentration (see the Quality Control Report) of the standards used in the analysis. This can be done by using linear regression analysis.

MACS Lab, Inc.
1505 Wyatt Dr
Santa Clara, CA 95054-1586

(408) 727-9727

AA Analysis Data Report

NOTICE:

Instrument reading is in absorbance units

For solids (paint and soil):

Weight is in grams

Paint area (if present) is in sq cm

Sample #	Weight, LPM, or area	Solution vol ml	Instr. reading	Paint area or minutes
13	0.6453	50	0.08990	0
14	0.6287	50	0.00280	0

This report shows the data associated with the individual samples. This includes the MACS Lab, Inc. sample number, the sample weight digested, LPM, area wiped, dilution (solution volume), instrument reading in absorbance, paint area, time in minutes. By using the data on this page, and the slope and intercept found on the calibration curve page of this report one can calculate the concentration of analyte in the original sample. Be sure to use the calibration curve data for the sample tested (see sample results page for Calib. Number). In the case of paint and soil matrices multiply the slope times the absorbance and add the intercept. Multiply this number by the dilution and then divide by the weight. The result will be expressed in PPM. In the case of dust samples multiply the slope times the absorbance and add the intercept. Multiply this number times the dilution and adjust for the area wiped if it is not 1 sq ft. For air samples multiply the slope times the absorbance and add the intercept. Multiply this number by the dilution. This will be the number of μg of lead on the filter. Divide this number by the liters of air used and compute the concentration in cubic meters. A cubic meter contains 1000 liters. Note: in all cases if the concentration calculated by multiplying the slope times the absorbance and adding the intercept is below the MDL (method detection limit) value for that matrix substitute the MDL for the value calculated. This will be the Reporting Limit in PPM. (note: the MDL is shown only to 2 significant figures on this report which will result in slight differences between our and your calculations for this number).

The slope and intercept can be calculated using the absorbance and concentration (see the Quality Control Report) of the standards used in the analysis. This can be done by using linear regression analysis.



Material Analysis and Characterization Service

Chain of Custody Record

To Be Used For All Types Of Analysis

Analytical and Environmental Services

Mics Lab #

BIILED TO

PROJECT INFORMATION

Name: *UNIVERSE CONSULTANTS* Sampled By: *CH. PETERSEN* Date Sampled: *3-21-07*

Address: *4840 MILL STREET #5* Project Name: *SANDIA HOUSE* Job #: *06-23774-01*

City: *RENO* Site Address:

State: *NV* Zip: *89502* City, State, Zip: *TONGAH, NEVADA*

Phone No: *(775) 856-3833* Site Contact:

Fax No: *(775) 856-3573* Phone No: Fax No:

Cell No: Comments:

Email: Samples Preserved: Yes () No () Received Cold: Yes () No ()

ANALYSIS REQUIRED

SAMPLE NO	SAMPLE DESCRIPTION	TYPE OF WORK	TEMP	DATE	TIME	LAB	STATUS	REMARKS
LBP#1	SANDIA #4 WEST/SOUTH PERIMETER HOUSE							
LBP#2	SANDIA #4 EAST/NORTH PERIMETER HOUSE							
LBP#3	SANDIA #4 GARAGE PERIMETER							
LBP#4	SANDIA #8 WEST/SOUTH PERIMETER HOUSE							
LBP#5	SANDIA #8 EAST/NORTH PERIMETER HOUSE							
LBP#6	SANDIA #8 GARAGE PERIMETER							
LBP#7	SANDIA #10 EAST/SOUTH PERIMETER HOUSE							
LBP#8	SANDIA #10 GARAGE PERIMETER							
LBP#9	SANDIA #24 E/W EAST/SOUTH/WEST PERIMETER HOUSE							
LBP#10	SANDIA #24 E/W GARAGE PERIMETER							
LBP#11	SANDIA #17 WEST/SOUTH PERIMETER HOUSE							

Relinquished By: *John Peterson* Date: *3-23-07* Time: *1630 HRS*

Accepted By: *[Signature]* Date: *3-23-07* Time: *10:30*

Credit Card # Exp. Check #

Customer Code: *CONV3*

4 Hour 8 Hour 24 Hour 2 Days/48 Hour 3 Days/72 Hour 5+ Days/120 Hour

DISPOSAL

Customer MACS OTHER (Explain)

Comments / Area Social Security #

PCMS (Air) - NIOSH 7400 PLM (Bulk) - 40 CFR - Chap. 1, Part 763, Subpart F Appendix A or current EPA method Lead (Wipes, Air, Paint, Soil) TEM (Air, Bulk) - AHERA/annex 1 Drinking Water Asbestos*/Lead Mold (Non Viable, Viable - Air/Bulk) Metals (TCLP, CAM17, STLC)

Net 30 Days

* TEM asbestos in water analysis requires 2 one-liter bottles shipped @ 40C in dark containers for each sample.

LEAD USEPA 7420, Air NIOSH 7082, Soil EPA 7000/7420, Wipes NIOSH 9100 UNITS Water - 1 ug/l = 1 ppb Paint - 1% = 10,000 ppm

Water AIHA (method 3113B EPA 200.9)

1505 Wyatt Drive * Santa Clara, California 95054 * (408) 727-9727 * (800) MACS-LAB * (408) 727-7065 Fax * www.maeslab.com

APPENDIX E

Information Disclosure Form

Disclosure of Information on Lead-Based Paint and/or Lead-Based Paint Hazards

Lead Warning Statement

Every purchaser of any interest in residential real property on which a residential dwelling was built prior to 1978 is notified that such property may present exposure to lead from lead-based paint that may place young children at risk of developing lead poisoning. Lead poisoning in young children may produce permanent neurological damage, including learning disabilities, reduced intelligence quotient, behavioral problems, and impaired memory. Lead poisoning also poses a particular risk to pregnant women. The seller of any interest in residential real property is required to provide the buyer with any information on lead-based paint hazards from risk assessments or inspections in the seller's possession and notify the buyer of any known lead-based paint hazards. A risk assessment or inspection for possible lead-based paint hazards is recommended prior to purchase.

Seller's Disclosure

(a) Presence of lead-based paint and/or lead-based paint hazards (check (i) or (ii) below):

(i) — Known lead-based paint and/or lead-based paint hazards are present in the housing (explain).

(ii) — Seller has no knowledge of lead-based paint and/or lead-based paint hazards in the housing.

(b) Records and reports available to the seller (check (i) or (ii) below):

(i) — Seller has provided the purchaser with all available records and reports pertaining to lead-based paint and/or lead-based paint hazards in the housing (list documents below).

(ii) — Seller has no reports or records pertaining to lead-based paint and/or lead-based paint hazards in the housing.

Purchaser's Acknowledgment (initial)

(c) — Purchaser has received copies of all information listed above.

(d) — Purchaser has received the pamphlet *Protect Your Family from Lead in Your Home*.

(e) — Purchaser has (check (i) or (ii) below):

(i) — received a 10-day opportunity (or mutually agreed upon period) to conduct a risk assessment or inspection for the presence of lead-based paint and/or lead-based paint hazards; or

(ii) — waived the opportunity to conduct a risk assessment or inspection for the presence of lead-based paint and/or lead-based paint hazards.

Agent's Acknowledgment (initial)

(f) — Agent has informed the seller of the seller's obligations under 42 U.S.C. 4852d and is aware of his/her responsibility to ensure compliance.

Certification of Accuracy

The following parties have reviewed the information above and certify, to the best of their knowledge, that the information they have provided is true and accurate.

_____	_____	_____	_____
Seller	Date	Seller	Date
_____	_____	_____	_____
Purchaser	Date	Purchaser	Date
_____	_____	_____	_____
Agent	Date	Agent	Date

APPENDIX F

**Converse LBP Report
#05-73178-01-02
dated November 2, 2005**



Converse Consultants

Over 50 Years of Dedication in Geotechnical Engineering and Environmental Sciences

LEAD-BASED PAINT INSPECTION REPORT

RESIDENTIAL PROPERTY
SANDIA #17
TONOPAH, NEVADA

Prepared for:

USDA FOREST SERVICE
2035 LAST CHANCE STREET
TONOPAH, NEVADA 89801

Converse Project No. 05-73178-01-02

November 2, 2005

4840 Mill Street, Suite 5, Reno, Nevada 89502

Telephone: (775) 856-3833 ♦ Facsimile: (775) 856-3513 ♦ e-mail: reno@converseconsultants.com





Converse Consultants

Over 50 Years of Dedication in Geotechnical Engineering and Environmental Sciences

November 2, 2005

05-73178-01-02

USDA Forest Service
2035 Last Chance Street
Elko, Nevada 89801

Attention: Mr. Arthur L. Burbank

Subject: Lead-Based Paint Inspection
Residential Property
Sandia #17
Tonopah, Nevada

Dear Mr. Burbank:

In accordance with your authorization, Converse Consultants (Converse) conducted a Lead-Based Paint Inspection at the Property designated as Sandia #17 in Tonopah, Nevada on September 27, 2005. Based on our understanding of the project, our scope of services consisted of a visual inspection, x-ray fluorescence (XRF) testing, and the generation of this report to determine the presence or absence of lead-based paint at the aforementioned Property. John W. Petersen, a U.S. EPA certified Lead-Based Paint Inspector, performed the site work.

The purpose of this inspection was to identify surfaces, which contain lead-based paint as per the inspection protocol in **Chapter 7 of the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing as published in June 1995 and revised in 1997.** HUD and the EPA currently define lead-based paint as a paint, or other surface coating which contains lead equal to, or in excess of, 1.0 milligrams of lead per square centimeter of surface area (mg/cm^2), 0.5% by weight, or 5000 parts per million (ppm).

XRF testing did indicate lead-contaminated paint at or above the Federal abatement level of 1.0 mg/cm² on two of the randomly selected painted surfaces that were analyzed within the structure. These surfaces consisted of the following:

- The original window casings located in the rooms designated as #2 and 3 on the site diagram.
- White paint film coatings on wood located on the front entry door.

The stain and paint film coatings analyzed appeared stable and their condition was intact and in good condition. The majority of windows had been replaced throughout the structure.

XRF testing did indicate lead-contaminated paint at or above the Federal abatement level of 1.0 mg/cm² on randomly selected painted surface that were analyzed on the exterior components of the structure. These surfaces consisted of the following:

- White paint film coatings on wood located on the original eaves of the structure.
- White paint film coatings on wood located on the exterior walls of the storage shed present on the property.

The majority of the exterior paint film coatings appeared stable and their condition was intact and in good condition with the exception of paint film coatings located on the front entry alcove door and the exterior walls of the shed.

XRF testing did indicate lead in one of the interior components present in the structure. This component consisted of the tub in the bathroom located in the room designated as #3.

No inconclusive XRF readings were encountered during our evaluation. However, paint chip samples were collected in regards to deteriorated paint film coatings located on the front entry door and the garage. The results of those samples consisted of the following:

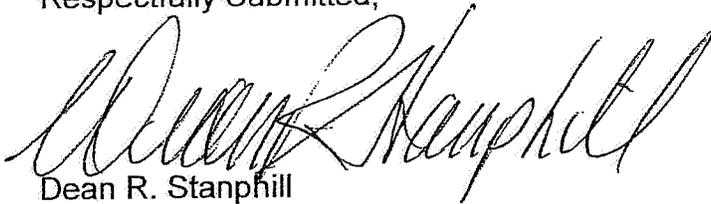
- White Paint Chips – 1.13% or 11,300 parts per million (ppm). These chips were collected from a deteriorated area on the front alcove entry door.

- White Paint Chips – .591% or 5,910 ppm. These chips were collected from a deteriorated exterior area of the garage.

It is the opinion of Converse, based on the results of XRF testing and paint chip sampling that paint film coatings on the original window casings located in the rooms designated #1 and 2, the front entry door, the front alcove entry door, the exterior eaves, the exterior garage walls and the exterior walls of the shed should be considered to contain lead-based paint in excess of federal limits.

If you have any questions concerning information contained in this report, or if you require further assistance, please do not hesitate to contact our office.

Respectfully Submitted,



Dean R. Stanphill
SVP/Managing Officer

DRS:JWP:jwp

Enclosure

LEAD-BASED PAINT INSPECTION

TABLE OF CONTENTS

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1.0 TESTING METHODOLOGY.....	1
2.0 BUILDING DESCRIPTION	2
3.0 LEAD-BASED PAINT FINDINGS.....	3
4.0 FEDERAL REQUIREMENTS.....	4
5.0 CLOSURE.....	5

APPENDIX A	DETAILED XRF TESTING RESULTS
APPENDIX B	PAINT CHIP SAMPLE RESULTS
APPENDIX C	LEAD INSPECTOR CERTIFICATIONS
APPENDIX D	DIAGRAM

1.0 TESTING METHODOLOGY

Lead-based paint testing was conducted using a portable x-ray fluorescence (XRF) spectrum analyzer, Model LPA-1, manufactured by Radiation Monitoring Devices (RMD), Inc. of Watertown, Maine. The LPA-1 is calibrated to measure the K-shell and the L-shell x-ray emissions of lead. The K-shell is normally used for paint analysis because it measures lead in all layers of paint films, including the lower layers where the higher concentrations of lead are usually found.

The lead-based paint testing was conducted in accordance with the United States Department of Housing and Urban Development's "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, Chapter 7 Lead-Based Paint Inspections", as published in June 1995 and revised in 1997.

The purpose of this inspection was to identify surfaces which contain lead-based paint as per the HUD Guidelines and Section 403 of the Toxic Substance Control Act.

HUD and the EPA currently define lead-based paint as a paint, or other surface coating which contains lead equal to or greater than 1 milligram per square centimeter (1.0 mg/cm^2) using the XRF analyzer, or 0.5% (or 5000 parts per million) using laboratory analysis methods.

XRF readings were taken using the "quick" mode of the LPA-1 which has no predetermined testing length, and automatically adjusts to account for various types of substrates and material densities. The precision of the XRF readings is proportional to the square root of the number of x-rays counted by the scanner. The longer the duration of the test, the higher the level of precision in comparison to the threshold level of 1.0 mg/cm^2 . The actual sample duration time is a result of the LPA-1 indicating a K-shell result as either positive, or negative, as compared against the set threshold level. Automatic corrections are made for paint matrix and substrate effects with the correction function based on measurements performed by the manufacturer with NIST paint film standards laid over a variety of substrates typically encountered in construction.

Based on the XRF Performance Characteristic Sheet (PCS) jointly released by HUD and the EPA (effective October 24, 2000), there is no inclusive range for the LPA-1 in the quick mode. No substrate corrections are recommended for quick mode readings.

XRF readings were made on testing combinations in all room equivalents in an effort to test typical materials representative of those areas. Testing combinations were non-destructively collected by holding the LAP-1 against those surfaces tested. At each XRF sample location, the XRF shutter is opened, and one reading is taken. The reading on the digital display was then recorded on an XRF Detailed Testing Data Sheet. The detailed testing data sheet may be found in the attached Appendix A of this report.

To verify that the LPA-1 data was correctly recorded various quality control tests were performed before, during, and after the on-site work. These quality control tests consisted of calibration checks using Standard Reference Material (SRM) paint film developed by the National Institute of Standards and Technology (NIST). These painted standards contain known quantities of lead and allow the XRF operator to determine whether the instrument is functioning within acceptable tolerance ranges for accuracy and precision as determined by the manufacturer. Results of these checks are included in the XRF detailed testing data sheet.

2.0 BUILDING DESCRIPTION

The site consisted of an approximate 1,568 square foot (s.f.) single-story structure consisting of three bedrooms, a living room, a laundry, a kitchen, and two bathrooms. The exterior walls consisted of exterior stucco over vapor barrier and wood stud construction. The interior finishes consisted of painted fiberboard walls and ceilings with one drywall area located in the rooms designated #2 and 3 on the sample location diagram. The interior finishes consisted of paint film coatings or wall coverings on fiberboard walls and ceilings; wood doors and doorframes; wood framed aluminum windows; tile floors, sheet floor covering or carpeting. Two original windows were still present within the structure in the rooms designated #2 and 3 on the attached diagram which may be found in the attached Appendix D of this report.

The exterior paint scheme consisted of white and yellow paint film coatings on stucco walls, wood gables, trims, eaves, doors and doorframes.

The interior paint scheme consisted of a various paint film coatings on walls and ceilings with various paint film coatings on baseboard and doors/doorframes. The majority of original windows had been replaced.

3.0 LEAD-BASED PAINT FINDINGS

XRF testing did indicate lead-contaminated paint at or above the Federal abatement level of 1.0 mg/cm² on two of the randomly selected painted surfaces that were analyzed within the structure. These surfaces consisted of the following:

- The original window casings located in the rooms designated as #2 and 3 on the site diagram.
- White paint film coatings on wood located on the front entry door.

The stain and paint film coatings analyzed appeared stable and their condition was intact and in good condition. The majority of windows had been replaced throughout the structure.

XRF testing did indicate lead-contaminated paint at or above the Federal abatement level of 1.0 mg/cm² on randomly selected painted surface that were analyzed on the exterior components of the structure. These surfaces consisted of the following:

- White paint film coatings on wood located on the original eaves of the structure.
- White paint film coatings on wood located on the exterior walls of the storage shed present on the property.

The majority of the exterior paint film coatings appeared stable and their condition was intact and in good condition with the exception of paint film coatings located on the front entry alcove door and the exterior walls of the shed.

XRF testing did indicate lead in one of the interior components present in the structure. This component consisted of the tub in the bathroom located in the room designated as #3.

The following is a distribution table listing the components tested:

<i>Component</i>	<i>Number of Components</i>
Doors, Jambs and Casings	32
Windows (sills, casings, and frames)	7
Walls & Ceilings	40
Cabinets & Counters	8
Exterior (walls, eaves, trims, sheds)	27
Other Components	12
Totals	126

Based on the XRF readings, the following components were found to contain lead above the HUD definition of 1.0 mg/cm²:

Component	Lead Content mg/cm²	Location
Front Entry Door	>9.9	Living Room
Window Casing	4.5	Room #2 West Window Wall C
Window Casing	1.3	Room #3 East Window Wall D
Tub	4.4	Room #3 Bathroom
Shed	6.0	Exterior Wall A
Shed	5.3	Exterior Wall B
Shed	4.7	Exterior Wall C
Exterior Alcove Door Jamb	>9.9	Exterior Alcove Wall C
Exterior Eaves	>9.9	Exterior Wall C

Information regarding the Lead-Based Paint tested is provided in the Detailed XRF Testing Results in Appendix A.

No inconclusive XRF readings were encountered during our evaluation. However, paint chip samples were collected in regards to deteriorated paint film coatings located on the front entry door and the garage. The results of those samples consisted of the following:

- White Paint Chips – 1.13% or 11,300 parts per million (ppm). These chips were collected from a deteriorated area on the front alcove entry door.
- White Paint Chips – .591% or 5,910 ppm. These chips were collected from a deteriorated exterior area of the garage.

It is the opinion of Converse, based on the results of XRF testing and paint chip sampling that paint film coatings on the original window casings located in the rooms designated #1 and 2, the front entry door, the front alcove entry door, the exterior eaves, the exterior garage walls and the exterior walls of the shed should be considered to contain lead-based paint in excess of federal limits. Information regarding the Lead-Based Paint tested is provided in the Detailed XRF Testing Results and Paint Chip Sample Results located in Appendices A and B.

4.0 FEDERAL REQUIREMENTS

The EPA regulatory guidelines on inspection, abatement procedures, and training for renovation and demolition projects where lead-based paint is present, are currently being developed, with phase implementation having started and continuing into 2002.

OSHA regulations governing lead exposure in the construction industry (29 CFR 1926.62) were imposed in 1993 and now govern all construction activities in the U.S. Using a conservative approach, OSHA considers paint with measurable lead as a lead-based paint, because of possible health concerns. A lead-based paint project is any project disturbing lead-based paints, including sealing over previous paint coats. OSHA regulations require personnel protective equipment and procedures be used on nearly all lead-based paint projects, unless specific related project documentation, including personnel air monitoring for airborne lead levels, verifies the protective equipment and procedures are not necessary. OSHA regulations also require employee training, medical monitoring, proper signage and safety program implementation similar to what is implemented when handling other hazardous materials. All abatement, or removal of lead paint, must be performed by a certified Nevada licensed lead abatement contractor using workers that have undergone the necessary lead training. Lead disturbance (penetrations through lead-painted surfaces) can be performed by workers who have undergone 16-hours of lead awareness training and have medical examinations, blood lead screening, and have current respirator fit testing documentation allowing the use of personal protective equipment (PPE) including respirators. Personal air monitoring to evaluate the worker exposure to airborne dust must also be performed, unless an exposure assessment is performed in accordance with (29 CFR 1926.62). Lead painted components may be removed intact by non-lead trained or certified workers provided that no lead is disturbed during the removal process.

Converse further recommends that any lead removal activities be monitored by an independent third party or consultant knowledgeable in lead stabilization and abatement procedures.

A copy of this summary must be provided to new lessees (tenants) and purchaser of this property under federal regulations (24 CFR part 35 and 40 CFR part 745) before they become obligated under a lease or sales contract. The complete report must also be provided to new purchasers and it must be made available to tenants. Landlord (lessors) and sellers are also required to distribute an educational pamphlet approved by the U.S. Environmental Protection Agency and include standard warning language in their lease or sales contracts to ensure that individuals have the information they need to protect against lead-based paint hazards.

5.0 CLOSURE

This report is has been prepared for the sole benefit and exclusive use of the USDA Forest Service as it applies to the Property listed above. Converse is not responsible for any claims or damages associated with interpretation of available information. This assessment should not be regarded as a guarantee that no further lead-based paint, beyond that which was suspected to be present (and tested) during our investigation, is

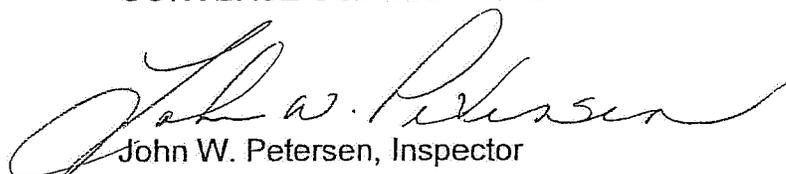
present at the Property. In addition, lead-based paint is usually not distributed uniformly throughout a material, and Converse cannot guarantee that all areas tested are exactly as represented throughout the entire structures. Other lead-based paint may be uncovered that was previously hidden during renovation or demolition. Additional samples of these materials should be collected and analyzed for lead-based paint if this occurs. In the event that changes in the nature of the Properties occur, or additional relevant information about the Properties is brought to our attention, the recommendations contained in this assessment may not be valid unless these changes and additional relevant information are reviewed, and the recommendations of this assessment are modified or verified in writing.

The lead consulting, testing and abatement industry is relatively dynamic with Federal regulations and standards continuing to be formulated. Converse's lead consulting services are provided based on our understanding of guidance publications and of technical advice and training provided by government agencies and professional organizations. No other warranties or claims apply to our work.

Thank you for the opportunity to be of service. Please do not hesitate to call our office should you have any questions or comments regarding this report, or if you require further assistance.

Respectfully Submitted,

CONVERSE CONSULTANTS



John W. Petersen, Inspector

EPA Certified License No.: NV-03-0320044259

Reviewed and approved by:



Dean R. Stanphill

SVP/Managing Officer

DRS:JWP:jwp

Enclosure: Appendices A, B, C & D

Distribution: 2/Addressee

APPENDIX A
DETAILED XRF TESTING RESULTS

XRF SAMPLE LOG



Converse Consultants

Project Name: Conveyance Project

Project Address: Sandia #17

Converse Job No.: 05-73178-01-02

Tonopah, Nevada

Date: 9-27-05

Sampled By: John W. Petersen

Client Contact: Mr. Arthur Burbank

4840 Mill Street, Suite #5

Reno, Nevada 89502

Tel.: 775-856-3833

Fax: 775-856-3513

Sample No.	Interior	Exterior	Paint Color	Substrate	Sample Location & Comments	Condition	Lead Conc. (mg/cm ²)		LBP	
							Yes	No	Yes	No
1	----	----	----	----	Calibration Check	----	1.0		X	
2	----	----	----	----	Calibration Check	----	1.0		X	
3	----	----	----	----	Calibration Check	----	1.1		X	
4	X		Tan	Wood	Kitchen Wall A Center	Intact	-0.3			X
5	X		Tan	Wood	Kitchen Wall B Center	Intact	-0.1			X
6	X		Tan	Wood	Kitchen Wall C Center	Intact	-0.2			X
7	X		Tan	Wood	Kitchen Wall D Center	Intact	-0.1			X
8	X		White	Wood	Kitchen Ceiling Center	Intact	-0.1			X
9	X		Varnish	Wood	Kitchen Wall A Cabinet Upper West Side	Intact	-0.2			X
10	X		Varnish	Wood	Kitchen Wall A Cabinet Upper East Side	Intact	-0.3			X
11	X		Varnish	Wood	Kitchen Wall A Cabinet Lower at Sink	Intact	-0.2			X
12	X		Varnish	Wood	Kitchen Wall C Cabinet at Stove RHS	Intact	-0.4			X

Additional Comments: Kitchen walls wall covering with partial paint at refrigerator

XRF SAMPLE LOG



Converse Consultants

Project Name: Conveyance Project

Project Address: Sandia #17

4840 Mill Street, Suite #5

Converse Job No.: 05-73178-01-02

Tonopah, Nevada

Reno, Nevada 89502

Date: 9-27-05

Mr. Arthur Burbank

Tel: 775-856-3833

Sampled By: John W. Petersen

Client Contact: Mr. Arthur Burbank

Fax: 775-856-3513

Sample No.	Interior	Exterior	Paint Color	Substrate	Sample Location & Comments	Condition	Lead Conc. (mg/cm ²)	LBP	
								Yes	No
13	X		White	Wood	Living Room Wall A Center	Intact	-0.2		X
14	X		White	Wood	Living Room Wall B Center	Intact	-0.2		X
15	X		White	Wood	Living Room Wall C Center	Intact	-0.2		X
16	X		White	Wood	Living Room Wall D Center	Intact	-0.3		X
17	X		White	Metal	Kitchen Wall B Door Center	Intact	0.2		X
18	X		Tan	Wood	Kitchen Wall B Door Trim LHS Center	Intact	-0.2		X
19	X		Varnish	Wood	Kitchen Wall B Screen Door	Intact	-0.2		X
20	X		White	Wood	Living Room Front Entry Door Center	Intact	>9.9	X	
21	X		White	Wood	Living Room Front Entry Door Jamb RHS Center	Intact	0.2		X
22	X		White	Wood	Living Room Ceiling Center	Intact	-0.3		X
23	X		Black	Metal	Living Room Woodstove Flue	Intact	-0.2		X
24	X		White	Brick	Living Room Hearth	Intact	-0.2		X

Additional Comments:

XRF SAMPLE LOG



Converse Consultants

Project Name: Conveyance Project

Project Address: Sandia #17

Converse Job No.: 05-73178-01-02

Tonopah, Nevada

Date: 9-27-05

Sampled By: John W. Petersen

Client Contact: Mr. Arthur Burbank

4840 Mill Street, Suite #5

Reno, Nevada 89502

Tel: 775-856-3833

Fax: 775-856-3513

Sample No.	Interior	Exterior	Paint Color	Substrate	Sample Location & Comments	Condition	Lead Conc. (mg/cm ²)	LBP	
								Yes	No
25	X		White	Wood	Living Room Wall D Door Center	Intact	0.0		X
26	X		White	Wood	Living Room Wall D Door Jamb RHS Center	Intact	-0.0		X
27	X		White	Wood	Living Room Wall D Door Trim RHS Center	Intact	0.1		X
28	X		White	Wood	Laundry Wall A Center	Intact	-0.2		X
29	X		White	Wood	Laundry Wall B Center	Intact	-0.1		X
30	X		White	Wood	Laundry Wall C Center	Intact	-0.2		X
31	X		White	Wood	Laundry Wall D Center	Intact	-0.0		X
32	X		White	Wood	Laundry Ceiling Center	Intact	-0.1		X
33	X		White	Metal	Laundry Wall C Cabinet	Intact	-0.2		X
34	X		White	Wood	Laundry Wall C Cabinet	Intact	-0.3		X
35	X		White	Wood	Laundry Wall D Cabinet	Intact	-0.1		X
36	X		White	Metal	Laundry Fluorescent Light Fixture	Intact	-0.1		X

Additional Comments:

XRF SAMPLE LOG



Converse Consultants

4840 Mill Street, Suite #5
 Reno, Nevada 89502
 Tel: 775-856-3833
 Fax: 775-856-3513

Project Name: Conveyance Project Project Address: Sandia #17
 Converse Job No.: 05-73178-01-02 Tonopah, Nevada
 Date: 9-27-05
 Sampled By: John W. Petersen Client Contact: Mr. Arthur Burbank

Sample No.	Interior	Exterior	Paint Color	Substrate	Sample Location & Comments	Condition	Lead Conc. (mg/cm ²)	LBP	
								Yes	No
37	X		Wall Covering	Wood	East Bathroom Wall A Center	Intact	-0.3		X
38	X		White	Wood	East Bathroom Wall B Center	Intact	-0.1		X
39	X		Wall Covering	Wood	East Bathroom Wall C Center	Intact	-0.2		X
40	X		Wall Covering	Wood	East Bathroom Wall D Center	Intact	-0.2		X
41	X		White	Wood	East Bathroom Ceiling Center	Intact	-0.1		X
42	X		White	Wood	East Bathroom Wall B Cabinet	Intact	-0.1		X
43	X		Blue	Wood	East Bathroom Wall C Mirror Trim	Intact	-0.1		X
44	X		Blue	Wood	East Bathroom Wall D Door Trim	Intact	-0.4		X
45	X		Blue	Wood	East Bathroom Wall D Door Center	Intact	-0.2		X
46	X		Blue	Wood	East Bathroom Wall D Door Jamb Center	Intact	-0.1		X
47	X		White	Porcelain	East Bathroom Water Closet	Intact	-0.4		X
48	X		White	Vinyl	East Bathroom Tub	Intact	-0.6		X

Additional Comments:

XRF SAMPLE LOG



Converse Consultants

Project Name: Conveyance Project Project Address: Sandia #17
 Converse Job No.: 05-73178-01-02 Tonopah, Nevada
 Date: 9-27-05
 Sampled By: John W. Petersen Client Contact: Mr. Arthur Burbank
 4840 Mill Street, Suite #5
 Reno, Nevada 89502
 Tel.: 775-856-3833
 Fax: 775-856-3513

Sample No.	Interior	Exterior	Paint Color	Substrate	Sample Location & Comments	Condition	Lead Conc. (mg/cm ²)	LBP	
								Yes	No
49	X		White	Wood	East Hall Wall A Closet Door Center	Intact	-0.0		X
50	X		White	Wood	East Hall Wall A Closet Door Jamb LHS Center	Intact	-0.1		X
51	X		White	Wood	East Hall Wall A Closet 2 nd Shelf	Intact	-0.1		X
52	X		White	Wood	East Hall Wall C Closet Door Center	Intact	-0.1		X
53	X		White	Wood	East Hall Wall C Closet Door Jamb LHS Center	Intact	-0.2		X
54	X		White	Wood	East Hall Wall A Closet Door Trim LHS Center	Intact	-0.1		X
55	X		White	Wood	Room #1 Wall A Center	Intact	-0.2		X
56	X		White	Wood	Room #1 Wall B Center	Intact	-0.3		X
57	X		White	Wood	Room #1 Wall C Center	Intact	-0.2		X
58	X		White	Wood	Room #1 Wall D Center	Intact	-0.1		X
59	X		White	Wood	Room #1 Ceiling Center	Intact	-0.1		X
60	X		White	Metal	Room #1 Fluorescent Light Fixture	Intact	-0.3		X

Additional Comments:

XRF SAMPLE LOG



Converse Consultants

Project Name: Conveyance Project Project Address: Sandia #17
 Converse Job No.: 05-73178-01-02 Tonopah, Nevada
 Date: 9-27-05
 Sampled By: John W. Petersen Client Contact: Mr. Arthur Burbank
 4840 Mill Street, Suite #5
 Reno, Nevada 89502
 Tel.: 775-856-3833
 Fax: 775-856-3513

Sample No.	Interior	Exterior	Paint Color	Substrate	Sample Location & Comments	Condition	Lead Conc. (mg/cm ²)	LBP	
								Yes	No
61	X		White	Wood	Room #1 Wall A Door Center	Intact	-0.2		X
62	X		White	Wood	Room #1 Wall A Door Jamb RHS Center	Intact	-0.1		X
63	X		White	Wood	Room #1 Wall A Door Trim RHS Center	Intact	-0.3		X
64	X		White	Wood	Room #2 Wall A Center	Intact	-0.2		X
65	X		White	Wood	Room #2 Wall B Center	Intact	-0.1		X
66	X		White	Wood	Room #2 Wall C Center	Intact	-0.2		X
67	X		Wall Covering	Wood	Room #2 Wall D Center	Intact	-0.1		X
68	X		White	Wood	Room #2 Ceiling Center	Intact	-0.1		X
69	X		White	Wood	Room #2 Wall B Door Center	Intact	0.0		X
70	X		White	Wood	Room #2 Wall B Door Jamb RHS Center	Intact	-0.1		X
71	X		White	Wood	Room #2 Wall B Door Trim RHS Center	Intact	-0.1		X
72	X		White	Wood	Room #2 Wall B Closet Door Center	Intact	-0.0		X

Additional Comments:

XRF SAMPLE LOG



Converse Consultants

Project Name: Conveyance Project
 Converse Job No.: 05-73178-01-02
 Date: 9-27-05
 Sampled By: John W. Petersen

Project Address: Sandia #17
Tonopah, Nevada
 Client Contact: Mr. Arthur Burbank

4840 Mill Street, Suite #5
 Reno, Nevada 89502
 Tel.: 775-856-3833
 Fax: 775-856-3513

Sample No.	Interior	Exterior	Paint Color	Substrate	Sample Location & Comments	Condition	Lead Conc. (mg/cm ²)	LBP	
								Yes	No
73	X		White	Wood	Room #2 Wall C West Window Seat RHS	Intact	-0.1		X
74	X		White	Wood	Room #2 Wall C West Window Casing RHS	Intact	4.5	X	
75	X		White	Wood	Room #2 Wall C West Window Trim RHS	Intact	-0.1		X
76	X		White	Wood	Room #2 Wall D Door Frame RHS Center	Intact	0.1		X
77	X		White	Wood	Room #2 Wall D Door Trim RHS Center	Intact	-0.2		X
78	X		White	Wood	Room #3 Wall B Door Center	Intact	-0.3		X
79	X		White	Wood	Room #3 Wall A West Section	Intact	-0.2		X
80	X		White	Wood	Room #3 Wall A At Entry	Intact	-0.1		X
81	X		Wall Covering	Wood	Room #3 Wall B Center	Intact	-0.2		X
82	X		White	Wood	Room #3 Wall C Center	Intact	-0.3		X
83	X		White	Wood	Room #3 Wall D Center	Intact	-0.3		X
84	X		White	Wood	Room #3 Wall A Closet Door Center	Intact	-0.2		X

Additional Comments: Two original windows identified to be present - 1 in the room designated #2 on the site diagram and 1 in the room designated #3 on the site diagram.

XRF SAMPLE LOG



Converse Consultants

Project Name: Conveyance Project

Converse Job No.: 05-73178-01-02

Date: 9-27-05

Sampled By: John W. Petersen

Project Address: Sandia #17

Tonopah, Nevada

Client Contact: Mr. Arthur Burbank

4840 Mill Street, Suite #5
 Reno, Nevada 89502
 Tel.: 775-856-3833
 Fax: 775-856-3513

Sample No.	Interior	Exterior	Paint Color	Substrate	Sample Location & Comments	Condition	Lead Conc. (mg/cm ²)	LBP	
								Yes	No
85	X		White	Wood	Room #3 Wall A Entry Door Center	Intact	-0.1		X
86	X		White	Wood	Room #3 Wall A Entry Door Jamb LHS Center	Intact	0.0		X
87	X		White	Wood	Room #3 Wall A Entry Door Trim LHS Center	Intact	-0.1		X
88	X		White	Wood	Room #3 Wall A East Closet Door Center	Intact	-0.0		X
89	X		White	Wood	Room #3 Wall A East Closet Door Trim RHS Center	Intact	-0.2		X
90	X		White	Wood	Room #3 Wall D East Window Seat	Intact	-0.1		X
91	X		White	Wood	Room #3 Wall D East Window Casing RHS Center	Intact	1.3	X	
92	X		White	Wood	Room #3 Wall D East Window Trim RHS Center	Intact	-0.1		X
93	X		Wall Covering	Wood	Room #3 Bathroom Wall A Center	Intact	-0.1		X
94	X		Wall Covering	Wood	Room #3 Bathroom Wall B Center	Intact	-0.1		X
95	X		Wall Covering	Wood	Room #3 Bathroom Wall C Center	Intact	-0.2		X
96	X		Wall Covering	Wood	Room #3 Bathroom Wall D Center	Intact	-0.1		X

Additional Comments:

XRF SAMPLE LOG



Converse Consultants

4840 Mill Street, Suite #5
 Reno, Nevada 89502
 Tel.: 775-856-3833
 Fax: 775-856-3513

Project Name: Conveyance Project
 Converse Job No.: 05-73178-01-02
 Date: 9-27-05
 Sampled By: John W. Petersen

Project Address: Sandia #17
Tonopah, Nevada
 Client Contact: Mr. Arthur Burbank

Sample No.	Interior	Exterior	Paint Color	Substrate	Sample Location & Comments	Condition	Lead Conc. (mg/cm ²)	LBP	
								Yes	No
97	X		White	Wood	Room #3 Bathroom Wall D Window Seat	Intact	-0.0		X
98	X		White	Porcelain	Room #3 Bathroom Water Closet	Intact	-0.4		X
99	X		White	Porcelain	Room #3 Bathroom Tub	Intact	4.4	X	
100	X		White	Wood	Room #3 Bathroom Ceiling Center	Intact	-0.3		X
101	X		White	Wood	Room #3 Bathroom Attic Access Center	Intact	-0.1		X
102	X		White	Wood	Room #3 Bathroom Attic Access Trim	Intact	-0.1		X
103		X	White	Wood	Entry Alcove Wall A Center	Intact	-0.2		X
104		X	White	Wood	Entry Alcove Wall B Center	Intact	-0.2		X
105		X	White	Wood	Entry Alcove Wall C Center	Intact	-0.2		X
106		X	White	Wood	Entry Alcove Wall D Center	Intact	-0.2		X
107		X	White	Wood	Entry Alcove Ceiling Center	Intact	-0.1		X
108		X	White	Wood	Entry Alcove Wall A Door Center	Intact	0.1		X

Additional Comments:

XRF SAMPLE LOG



Converse Consultants

Project Name: Conveyance Project

Project Address: Sandia #17

4840 Mill Street, Suite #5

Reno, Nevada 89502

Tel.: 775-856-3833

Fax: 775-856-3513

Converse Job No.: 05-73178-01-02

Tonopah, Nevada

Date: 9-27-05

Sampled By: John W. Petersen

Client Contact: Mr. Arthur Burbank

Sample No.	Interior	Exterior	Paint Color	Substrate	Sample Location & Comments	Condition	Lead Conc. (mg/cm ²)		LBP	
							Yes	No	Yes	No
109		X	White	Wood	Entry Alcove Wall A Door Jamb RHS Center	Intact	-0.4			X
110		X	Yellow	Stucco	Exterior Wall A Center	Intact	-0.2			X
111		X	Yellow	Stucco	Exterior Wall B Center	Intact	0.1			X
112		X	Yellow	Stucco	Exterior Wall C Center	Intact	-0.5			X
113		X	Yellow	Stucco	Exterior Wall D Center	Intact	-0.3			X
114		X	White	Wood	Shed Exterior Wall A	Intact	6.0		X	
115		X	White	Wood	Shed Exterior Wall B	Intact	5.3		X	
116		X	White	Wood	Shed Exterior Wall C	Intact	4.7		X	
117		X	White	Metal	Exterior Wall A Eaves Cover	Intact	-0.2			X
118		X	White	Metal	Exterior Wall B Eaves Cover	Intact	-0.1			X
119		X	White	Metal	Exterior Wall C Eaves Cover	Intact	-0.2			X
120		X	White	Wood	Exterior Wall C Original Eaves	Intact	>9.9		X	

Additional Comments:

XRF SAMPLE LOG



Converse Consultants

Project Name: Conveyance Project
 Converse Job No.: 05-73178-01-02
 Date: 9-27-05
 Sampled By: John W. Petersen

Project Address: Sandia #17
Tonopah, Nevada
 Client Contact: Mr. Arthur Burbank

4840 Mill Street, Suite #5
 Reno, Nevada 89502
 Tel.: 775-856-3833
 Fax: 775-856-3513

Sample No.	Interior	Exterior	Paint Color	Substrate	Sample Location & Comments	Condition	Lead Conc. (mg/cm ²)		LBP
							Yes	No	
121		X	Yellow	Wood	Exterior Wall A Entry Alcove	Intact	-0.4		X
122		X	White	Wood	Garage Exterior Wall A	Intact	-0.2		X
123		X	White	Wood	Garage Exterior Wall B	Intact	0.6		X
124		X	White	Wood	Garage Exterior Wall C	Intact	0.1		X
125		X	White	Wood	Garage Exterior Wall D	Intact	-0.2		X
126		X	White	Metal	Garage North End	Intact	-0.2		X
127		X	White	Metal	Garage East End	Intact	-0.1		X
128		X	White	Metal	Garage South End	Intact	-0.2		X
129		X	White	Metal	Garage West End	Intact	-0.2		X
130	----	----	-----	----	Calibration Check	----	1.0	X	
131	----	----	-----	----	Calibration Check	----	1.0	X	
132	----	----	-----	----	Calibration Check	----	0.9	X	

Additional Comments:

APPENDIX B

PAINT CHIP SAMPLE RESULTS

MACS Lab, Inc.
 1505 Wyatt Dr
 Santa Clara, CA 95054-1586

Analysis Report
Lead in Paint
USEPA 7000/7420

(408) 727-9727

Person to contact: Dan Dolk
 Contact phone: 775-856-4446
 FAX phone: 775-856-3513
 Samples received on: September 30, 2005
 Samples analyzed on: October 3, 2005 at: 12:23
 Report printed on: October 3, 2005 at: 12:23
 Corresponding invoice number: 146823

Converse Environmental Cons.
 4840 Mill Street, Unit 5
 Reno NV 89502

Job Number: 05-73178-2

Bias: 3.2%

Precision: -1.4% A. D. Sime

Analyst: TL (signature)

Laboratory manager: AS (signature)

Job Description: Conveyance Project - Sandia #17

Lab Sample Number	Client Sample Number and Description	Calib #	Rcvd OK	Ac-cptd	Report'g Limit ppm	%	Lead ppm	mg/cm ²
P146823-1	S #17-1 Paint Chips	10219	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,100	1.13	11,300	N/A
P146823-2	S #17-2 Paint Chips	10219	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	110	0.591	5,910	N/A

This report may not be reproduced except in full and with the permission of MACS Lab, Inc. This report relates only to the item(s) tested. For QC data refer to Calibration Number QA Report. MACS Lab is accredited by the American Industrial Hygiene Association (AIHA) for the analysis of lead in paint and soil (laboratory ID #11172). Some paint samples submitted contain substrate material that can't be removed from the paint layer. This may cause erroneous results. Proper field sampling techniques must be used. Analysis is performed on a flame Atomic Absorption Spectrometer. PPM= parts per million & 10,000 ppm = 1% Note: 1 mg/kg = 1 ppm NOTICE: FOR XRF Confirmation: When the actual sampled area is provided to the laboratory, the results can be calculated in mg/cm2 exactly like an XRF instrument result. Otherwise NO XRF comparison can ever be made because the lab analyzes only a portion of a normal sample and the area of a scrape can't be known after the fact. Without the area N/A is reported.



Calibration # AA-10219

Element Lead	Matrix: Paint	Method Detection Limit	0.25 µg/ml	
Date of Analysis	October 3, 2005	Analyst	TL	
	Measured Value	Target Value	Acceptance Criterion	
Standard value	0.0 µg/ml	0.00000 units	N/A	
Standard value	0.8 µg/ml	0.01760 units	N/A	
Standard value	2.0 µg/ml	0.04040 units	N/A	
Standard value	5.0 µg/ml	0.09960 units	N/A	
Standard value	10.0 µg/ml	0.19710 units	N/A	
	Slope	50.9294 µg/ml/unit	N/A	
	Intercept	-0.052932 µg/ml	N/A	
	Correlation coefficient	0.999960	1	≥ 0.99800 Acceptable
	0.25 µg/ml Reference	0.293 µg/ml	0.25	≥0.06 Acceptable
	Glassware rinse water	< 0.250 µg/ml	0	
	1st Matrix Blank	< 0.250 µg/ml	0	≤ 0.25 Acceptable
	Method Blank Beginning	0.155 µg	0	≤ 12.5 Acceptable
	CCV Beginning	4.918 µg/ml	5.0000	± 10.0% Acceptable
	ICV Beginning	0.584 µg/ml	0.6000	± 10.0% Acceptable
	LCS Before sample 1	9.323 µg/ml	9.9900	± 10.0% Acceptable
	CCV Before sample 11	4.943 µg/ml	5.0000	± 10.0% Acceptable
	CCB Before sample 11	< 0.250 µg/ml	0	≤ 0.25 Acceptable
	Method Blank Before sample 11	1.173 µg	0	≤ 12.5 Acceptable
	CCV Before sample 21	N/A µg/ml	5.0000	± 10.0%
	CCB Before sample 21	N/A µg/ml	0	≤ 0.25
	2nd Matrix Blank	N/A µg/ml	0	≤ 0.25
	Method Blank Before sample 21	N/A µg	0	≤ 12.5
	CCV Before sample 31	N/A µg/ml	5.0000	± 10.0%
	CCB Before sample 31	N/A µg/ml	0	≤ 0.25
	Method Blank Before sample 31	N/A µg	0	≤ 12.5
	CCV After	4.928 µg/ml	5.0000	± 10.0% Acceptable
	CCB After	< 0.250 µg/ml	0	≤ 0.25 Acceptable
	Method Blank After	1.173 µg	0	≤ 12.5 Acceptable
	LCS After	9.384 µg/ml	9.9900	± 10.0% Acceptable
	RLVS	0.293 µg/ml	0.2500	± 25.0% Acceptable
	Spike of sample 146822 -	1	482.3 µg	500.0 ± 25.0% Acceptable
	Spike of sample 0 -	0	N/A µg	0.0 ± 25.0%
	Spiked Duplicate 146822 -	1	478.9 µg	500.0 ± 25.0% Acceptable
	Spiked Duplicate 0 -	0	N/A µg	0.0 ± 25.0%
	Duplicate of sample 146822	1	688 ppm	639 ± 25.0% Acceptable
	Duplicate of sample 0 -	0	N/A ppm	± 25.0%

Note:
 MDL= Minimum Detection Limit of the method (absolute)
 ICV= Initial Calibration Verification
 CCV= Continuing Calibration Verification
 CCB= Continuing Calibration Blank
 N/A = Not Applicable
 LCS= Laboratory Control Sample - NIST SRM-1579
 RLVS=Reporting Limit Verification Sample

Duplicate analyses are measurements of the variable of interest (in this case lead) performed identically on two subsamples of the same sample. The results from duplicate analyses are used to evaluate analytical or measurement precision but not the precision of sampling. Spiked samples are prepared by adding a known mass of the target analyte (in this case lead) to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. Spiked samples are used to determine the effect of the matrix on a method's recovery efficiency. The Method Blank is used to detect contamination from the laboratory. Accuracy is the degree of agreement between an observed value and an accepted reference value such as the LCS NIST SRM-1579 sample. Precision is the degree to which a set of observations or measurements of the same property conform to themselves. NEVER depend upon the laboratory to "fix-up" a poorly taken sample.

MACS Lab, Inc.
1505 Wyatt Dr
Santa Clara, CA 95054-1586

(408) 727-9727

Client:
Converse Environmental Cons.
Submission ID Number: **146823**

AA Analysis Data Report

NOTICE:

Instrument reading is in absorbance units

For solids (paint and soil):

Weight is in grams

Paint area (if present) is in sq cm

For air:

LPM= Liters per minute supplied by client

Minutes = duration of sample

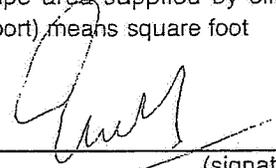
m³ (on report) means cubic meter

For wipe:

Area = Wipe area supplied by client in sq ft

ft² (on report) means square foot

Lead laboratory manager
or designee:



(signature)

Samples received on: September 30, 2005

Samples analyzed on: October 3, 2005

at: 12:23

I verify that I have checked the records and the data

entered here is accurate and matches the written records.

Sample #	Weight, LPM, or area	Solution vol ml	Instr. reading	Paint area or minutes
1	0.1103	500	0.05000	0
2	0.1102	50	0.25680	0

End of report

This report shows the data associated with the individual samples. This includes the MACS Lab, Inc. sample number, the sample weight digested, LPM, area wiped, dilution (solution volume), instrument reading in absorbance, paint area, time in minutes. By using the data on this page, and the slope and intercept found on the calibration curve page of this report one can calculate the concentration of analyte in the original sample. Be sure to use the calibration curve data for the sample tested (see sample results page for Calib. Number). In the case of paint and soil matrices multiply the slope times the absorbance and add the intercept. Multiply this number by the dilution and then divide by the weight. The result will be expressed in PPM. In the case of dust samples multiply the slope times the absorbance and add the intercept. Multiply this number times the dilution and adjust for the area wiped if it is not 1 sq ft. For air samples multiply the slope times the absorbance and add the intercept. Multiply this number by the dilution. This will be the number of μg of lead on the filter. Divide this number by the liters of air used and compute the concentration in cubic meters. A cubic meter contains 1000 liters. Note: in all cases if the concentration calculated by multiplying the slope times the absorbance and adding the intercept is below the MDL (method detection limit) value for that matrix substitute the MDL for the value calculated. This will be the Reporting Limit in PPM. (note: the MDL is shown only to 2 significant figures on this report which will result in slight differences between our and your calculations for this number).

The slope and intercept can be calculated using the absorbance and concentration (see the Quality Control Report) of the standards used in the analysis. This can be done by using linear regression analysis.

Converse Consultants

4840 Mill Street, Suite 5, Reno, Nevada 89502

SURVEY DATA CONV3

7146823

Page 1 of 1
 (775) 856-3833 FAX (775) 856-3513

Inspectors: <i>John W. Petersen</i>		Project Name: <i>Campanone Project</i>		Project Number: <i>05-73778-02</i>		Date Sampled: <i>7-27-05</i>	
Contact: <i>SAME</i>		Project Location: <i>SANJIA # 17</i>		Analysis Type: (Please Circle) <input checked="" type="radio"/> Asbestos <input type="radio"/> Lead <input type="radio"/> Other		Instructions:	
Phone #: (775) 856-3833		Client/Contact: <i>AETHEC SUBSBANK</i>		Requested: <input checked="" type="radio"/> Verbal <input type="radio"/> Fax		Test to First Positive: Yes No	
Turn-A-Around Time: (Circle) <i>RUSH</i>		24 Hours <i>5</i> Days		COND		COMMENTS (DEBRIS, EXTENT OF DAMAGE)	
LAB #	SAMPLE #	MATERIAL DESCRIPTION	SAMPLE LOCATION	LOCATIONS OF MATERIAL	QNTY	FRIABLE YES/NO	ASBESTOS %
1	SA17-01	PAINT CHIPS WHITE	ENTRY ALCOVE DOOR	ENTRY ALCOVE DOOR			
2	SA17-02	PAINT CHIPS WHITE	EXTERIOR GARAGE	EXTERIOR GARAGE			
3							
4							
5							
6							
7							
8							
9							
10							

MATERIAL	CONDITION	UNITS	ASBESTOS %
VT - Vinyl Tile M - Mastic CBM - Cove Base Mastic AT - Acoustic Tile SA - Spray Acoustic W - Wall P - Plaster	G - Good (No Maintenance is required currently) D - Damaged (Some repair needed) SD - Significantly Damaged (Repair or replace ASAP)	LF - Linear Feet SF - Square Feet CF - Cubic Feet	A - Amosite Asbestos C - Chrysotile Asbestos NDA - No Asbestos Detected Assumed ACM - No Samples Taken

Relinquished By: <i>[Signature]</i>	Relinquished By: <i>[Signature]</i>
Date/Time: <i>07/20/05</i>	Date/Time: _____
Received By: <i>[Signature]</i>	Received By: _____
	Received By: _____

APPENDIX C

LEAD INSPECTOR CERTIFICATIONS

United States Environmental Protection Agency

This is to certify that

John W. Petersen

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402(a)(1), and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as a:

Risk Assessor

In the Jurisdiction of:

Nevada

This certification is valid from the date of issuance and expires March 19, 2007.

NV-R-1330-1

Certification #

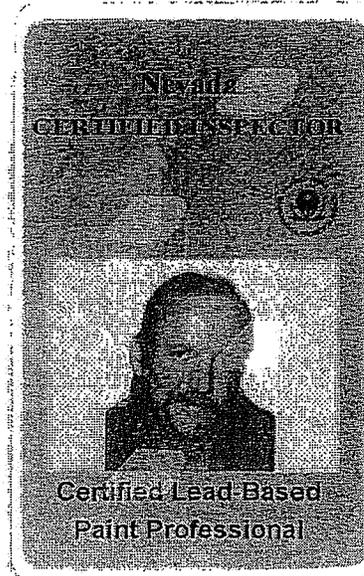
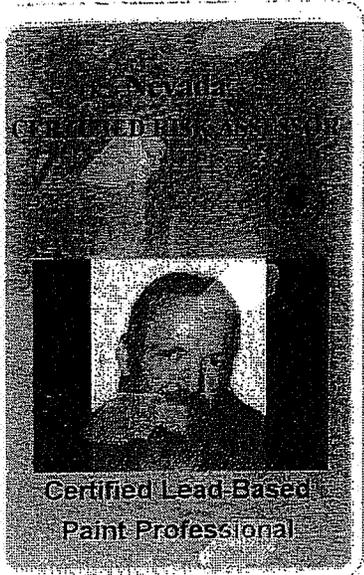
March 20, 2004

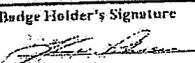
Issued On

Paula Bisson

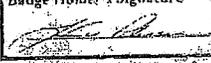
Paula Bisson, Manager, Toxics Office

Gross Media Division



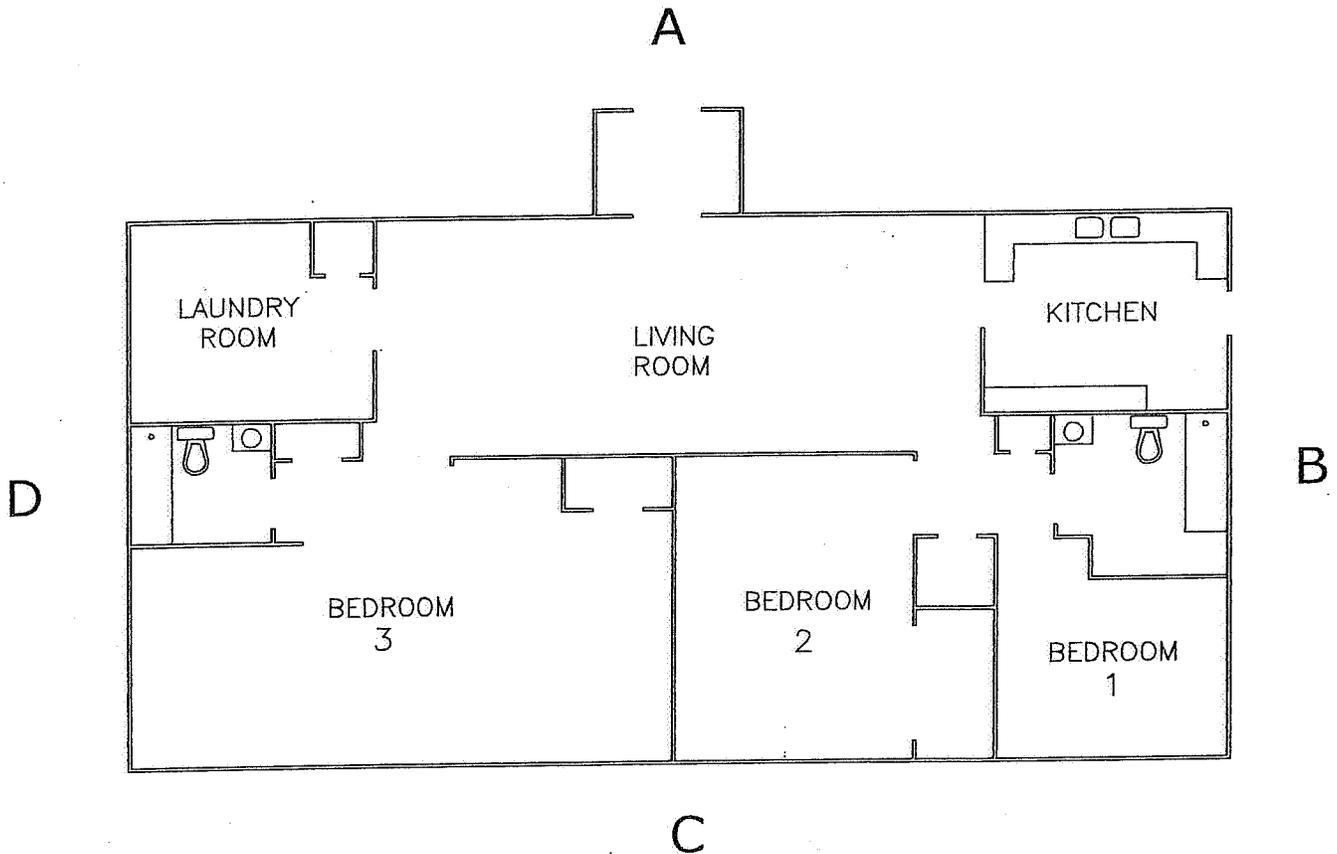
Certification No. NV-03-0320044260	
Date of Birth 8/10/1951	Expiration Date 3/19/2004
Address 6665 Lotus Street Reno, NV 89506	
Badge Holder's Name John W Petersen	
Badge Holder's Signature 	

If found, drop in any mailbox.
Postmaster: Please return to:
National Lead Service Center
8601 Georgia Avenue, Suite 503
Silver Spring, MD 20910
or call 1-800-424-LEAD

Certification No. NV-03-0320044258	
Date of Birth 8/10/1951	Expiration Date 3/19/2004
Address 6665 Lotus Street Reno, NV 89506	
Badge Holder's Name John W Petersen	
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If found, drop in any mailbox.
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8601 Georgia Avenue, Suite 503
Silver Spring, MD 20910
or call 1-800-424-LEAD

APPENDIX D
DIAGRAM



LOCATION MAP

USDA FOREST SERVICE
SANDIA #17
TONOPAH, NEVADA

Scale	NTS	File No.
Date	11-07-05	Project No. 05-73178-01-02
Drafted By	DR	Drawing No.
Checked By	JP	1
Approved By		



CONVERSE CONSULTANTS

Over 50 Years of Dedication
in Engineering and
Environmental Sciences

APPENDIX G
EPA Certification

United States Environmental Protection Agency

This is to certify that

John W. Petersen

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402(a)(1), and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as a:

Risk Assessor

In the Jurisdiction of:

Nevada

This certification is valid from the date of issuance and expires March 19, 2010

NV-R-1330-2

Certification #

MAR 20 2007

Issued On

Paula Bisson
Paula Bisson, Manager, Toxics Office
Communities and Ecosystems Division

