

APPENDIX H

*Asbestos Building Inspection and
Lead-Based Paint Testing
for the Ranch Property (APN 661-060-12)
JVR Energy Park Project*



Asbestos Building Inspection and Lead-Based Paint Testing

For

**Ranch Property (APN 661-060-12)
JVR Energy Park Project
45346 Old Highway 80
Jacumba, California 91934**

Prepared For:

**Dudek
750 Second Street
Encinitas, California 92024**

Prepared By:

**Aurora Industrial Hygiene
San Diego, California**

Karen G Shockley

Prepared By:

Karen G. Shockley, CIH, CAC

Date: July 2, 2019

TABLE OF CONTENTS

USE OF THIS REPORT	3
1.0 Introduction	4
2.0 Sampling Methodology	9
2.1 Asbestos Sampling.....	9
2.2 Lead-Based Paint Testing	9
3.0 Data – Laboratory and Direct Reading Results	9
3.1 Laboratory Results for Asbestos Sampling.....	9
Table 1. Bulk Asbestos Sampling Results – October 17, 18, 19, and 22, 2018	10
3.2 Lead-Based Paint Testing Results	18
Table 2. XRF Readings – October 17, 18, 19, and 22, 2018	19
4.0 Discussion and Recommendations	60
4.1 Asbestos Sampling Discussion	60
4.2 Lead-Based Paint Testing Discussion.....	61
Worker Protection.....	64
Limitations	64
Appendix One – Photographs	65
Appendix Two – Site Diagrams	96
Appendix Three – Laboratory Reports of Analysis and Chains of Custody	110
Appendix Four – California Department of Public Health Form CDPH 8552	161
Appendix Five – Asbestos and Lead Inspector Certification	163

USE OF THIS REPORT

This report is intended to provide an understanding of the potential hazards that the property evaluated in this report may pose to human health due to asbestos-containing building materials and lead-based paint. This report is based primarily upon data and information obtained during a four site visits by Aurora Industrial Hygiene, Inc. (Aurora) to the property identified herein on October 17, 18, 19, and 22, 2018 and is based solely upon the condition of the property on the date of such assessment.

Aurora has performed the work, made the findings, and proposed recommendations described in this report in accordance with generally accepted industrial hygiene and environmental science practices for asbestos and lead environmental assessments in effect at the time the work was performed. This warrantee stands in lieu of all other warranties, expressed or implied. While this report can be used as a guide by the client, it must be understood that changing circumstances in the environment and in property usage can alter radically the conclusions and information contained in this report.

1.0 Introduction

This report documents the findings from asbestos bulk sampling conducted by Aurora at the Ranch Property (APN 661-060-12), located at 45346 Old Highway 80, in Jacumba, California. X-ray fluorescence (XRF) instrumentation was also used to determine if lead-based paint was present on building components. The purposes of the survey were to determine the presence of asbestos or lead-based paint on the accessible building components. Aurora was asked to collect bulk samples of any accessible suspect asbestos-containing materials. Mr. Shockley and Mr. French collected samples from several suspect materials throughout the buildings, silos and tanks located on the ranch.

The following buildings and areas were included in the inspection:

- (1) Residential building;
- (2) Residential building;
- (3) Barn structure;
- (4) 4A – Scale house, 4B – Elevator house, 4C – Support building, 4D – Barn structure and North and South silos;
- (5) Residential building;
- (6) Residential building;
- (7) Residential building;
- (8) Barn Structure;
- (9) Concrete basin;
- (10) Support building;
- (11) Concrete pad from demolished building;
- (12) Concrete pad from demolished building;
- (13) Concrete mechanics bay west of building 5;
- (14) Two small concrete pads from demolished buildings north of pad 12;
- (15) Two large concrete pads from demolished buildings north of area 4;
- (16) Debris piles and small tank north of structures and on north end of site;
- (17) Three water tanks on top of hill northeast of the structures.

Rick Shockley, a California Certified Asbestos Consultant (#15-5581) and Lead Inspector/Risk Assessor (#9755) and Eric French, a Certified Asbestos Site Surveillance Technician (CSST #17-5962) and Lead Inspector/Risk Assessor (#30017), visited the site on October 17, 18, 19, and 22, 2018. All work was completed under the supervision of Certified Industrial Hygienist Karen Shockley (CIH #6766, also Certified Asbestos Consultant (#97-2146), Lead Inspector/Risk Assessor/Project Monitor (#2664)).

The Ranch Property owner contact is BayWa r.e., located at 17901 Von Karman Avenue, Suite 1050, in Irvine ,CA 92614. Contact person is Patrick Brown. The on-site contact for the inspection was the Ranch Manager, Bob Walker, (619) 402-6750.

The following materials were found to contain asbestos at greater than 1% (>1%):

- ✓ **Joint compound, located throughout Building 1¹;**
- ✓ **Window putty, approximately 20 linear feet (LF), located on exterior of Building 1;**
- ✓ **Joint compound, located throughout Building 2²;**
- ✓ **Layered roofing material, approximately 100 square feet (SF), located on roof of room 6 in Building 4D;**
- ✓ **Joint compound³, located throughout Building 5;**
- ✓ **Joint compound, located throughout Building 6⁴;**
- ✓ **Black flooring mastic, approximately 110 SF, located below vinyl sheet flooring in north entry in Building 6;**
- ✓ **Vinyl sheet flooring, approximately 20 SF, located in north bathroom in Building 6;**
- ✓ **Black wall mastic, approximately 160 SF, located on walls behind wood paneling in living room in Building 6; and**
- ✓ **Transite pipe, approximately 60 LF, located in several debris piles north of Area 4.**

The following materials were found to contain asbestos at less than 1% (<1%):

- ✓ **Composite of drywall, joint compound, off-white compound and drywall tape, located throughout Building 1;**
- ✓ **Composite of drywall, joint compound, off-white compound and drywall tape, located throughout Building 2; and**
- ✓ **Composite of drywall, joint compound, off-white compound and drywall tape, located throughout Building 6.**

The following materials were not sampled and should be presumed to contain asbestos:

- ✓ **Any other suspect hidden materials (i.e. behind walls, in any crawl spaces, etc.).**

Prior to renovation or demolition activities, ACM and ACCM that may be disturbed should be removed by a California certified asbestos removal contractor.

The following components were found to contain greater than 1.0 mg/cm² lead:

- ✓ **The beige wood wall siding on Sides A, B, C, and D of Building 1 exterior;**
- ✓ **The beige wood door frames, windows, and window frames on Sides A and B of Building 1 exterior;**
- ✓ **The white wood doors, door frames, windows, and window frames in laundry room of Building 1;**

¹ When analyzed as a composite with other wall system sub-samples, results were less than 1% asbestos.

² When analyzed as a composite with other wall system sub-samples, results were less than 1% asbestos.

³ According to the lab the sample could not be analyzed as a composite.

⁴ When analyzed as a composite with other wall system sub-samples, results were less than 1% asbestos.

- ✓ The white wood door on Side B, and window frame on Side A in bedroom 2 of Building 1;
- ✓ The brown wood hall opening on Side D, and door and door frame on Side A in living room of Building 2;
- ✓ The beige wood window on Side D in kitchen of Building 2;
- ✓ The brown wood window, window sill, and window frame on Side B in porch of Building 2;
- ✓ The beige wood siding (exterior of main house) on Side B in porch of Building 2;
- ✓ The white wood ceiling (eave of main house) on Side B in porch of Building 2;
- ✓ The brown wood window frame on Side A in bedroom 1 of Building 2;
- ✓ The brown wood closet door on Side C in hallway of Building 2;
- ✓ The white wood door on Side B in restroom of Building 2;
- ✓ The white wood wall siding on Sides A, B, and C of Building 2 exterior;
- ✓ The white wood eaves (for main house) on Sides C and D of Building 2 exterior;
- ✓ The green wood window frames on Side A of Building 2 exterior;
- ✓ The beige concrete walls on Sides A, B, C, and D in room 1 of Building 4C;
- ✓ The beige wood door frame on Side D, and window and window frame on Side C in room 1 of Building 4C;
- ✓ The beige concrete wall on Side B in room 3 of Building 4C;
- ✓ The beige stucco ceiling in room 3 of Building 4C;
- ✓ The beige wood door frame on Side D, and window and window frame on Side C in room 3 of Building 4C;
- ✓ The beige plaster walls on Sides A, B, C, and D in room 4 of Building 4C;
- ✓ The beige wood door frame on Side B in room 4 of Building 4C;
- ✓ The beige wood door frames (chemical storage room and steps to lookout) on Side A of Building 4C exterior;
- ✓ The beige wood door frames, eaves, eave beams, windows, and window frames on Side B of Building 4C exterior;
- ✓ The beige wood windows in chemical storage room of Building 4C;
- ✓ The beige wood window frames in steps to lookout of Building 4C;
- ✓ The beige metal posts in room 6 of Building 4D;
- ✓ The beige wood wall framing on Side D in room 6 of Building 4D;
- ✓ The white wood eaves on Sides C and D of Building 5 exterior;
- ✓ The white wood siding (horizontal boards) on Side D of Building 5 exterior;
- ✓ All of the beige and green wood doors, door frames, wall siding, trim, eaves, fascia, vents, windows, window frames, and window sills on Sides A, B, C, and D on exterior of Building 6;

- ✓ All of the beige wood windows, window frames, and window sills on Sides A, B, C, and D in living room closet, north restroom, living room, kitchen, office, porch, and dining room of Building 6;
- ✓ The beige wood door, door frame, and upper shelf on Sides B and C in living room closet of Building 6;
- ✓ The beige wood door and door frame on Side B in north restroom of Building 6;
- ✓ The beige wood doors, door frames, and baseboard on Sides A, B, C, and D in living room of Building 6;
- ✓ The beige wood door on Side D, and door frames on Sides A, B, C, and D in north entry of Building 6;
- ✓ The beige wood door on Sides B and C, and door frames on Sides A, B, C, and D in kitchen of Building 6;
- ✓ The beige wood pantry walls on Side C in kitchen of Building 6;
- ✓ The beige wood doors, door frames, and baseboard on Sides A, B, C, and D in office of Building 6;
- ✓ The beige wood walls on Sides A, C, and D in porch of Building 6;
- ✓ The green wood door frames on Sides A, B, C, and D, posts on Side B, and screen door on Side C in porch of Building 6;
- ✓ The beige wood doors on Sides B and C, screen door on Side D, and door frames on Sides A, B, C, and D in dining room of Building 6;
- ✓ The beige wood crown molding and baseboard on Sides A, B, C, and D in dining room of Building 6;
- ✓ The beige wood shelves and access window on Side A in dining room of Building 6;
- ✓ The bottom of the plaster walls covered with wallpaper on Sides A and B in the south hallway closet of Building 6;
- ✓ The beige wood window frame, door, screen door, and door frame on Side A in bedroom 2 of Building 6;
- ✓ The beige wood screen door and door frame on Side A in bedroom 3 of Building 6;
- ✓ The beige wood door frame on Side A in bedroom 4 of Building 6;
- ✓ The beige wood wall siding on Sides A, B, and C of Building 7 exterior;
- ✓ The white wood eaves (for main house) on Sides A, B, C, and D of Building 7 exterior;
- ✓ The green wood windows on Side A of Building 7;
- ✓ The white wood siding (exterior of main house) on Side A in east porch of Building 7;
- ✓ The white wood ceiling (eave of main house) on Side A in east porch of Building 7;
- ✓ The white wood door frame on Side A in east porch of Building 7;
- ✓ The white wood door on Side A in west restroom of Building 7; and
- ✓ The yellow metal fire hydrant near the pads north of Area 4;

The following non-painted components were found to contain greater than 1.0 mg/cm² lead:

- ✓ **The white porcelain tub on side D in restroom of Building 1;**
- ✓ **The white porcelain sink on side B of kitchen in Building 5;**
- ✓ **The yellow ceramic wall tile above tub on side A in north restroom and on part of Side A in the kitchen of Building 6;**
- ✓ **The yellow ceramic tile along the edge of counter tops in kitchen of Building 6; and**
- ✓ **The white porcelain tub and beige ceramic tile around tub on side D in southeast restroom of Building 6.**

These components are not technically considered painted surfaces. However, worker protection requirements apply if the materials are disturbed in a manner that may result in airborne lead dust.

2.0 Sampling Methodology

2.1 Asbestos Sampling

On October 17, 18, 19, and 22, 2018, Mr. Shockley and Mr. French collected 136 bulk samples of building materials, several of which were separated into multiple samples at the laboratory, i.e. (floor tile and mastic, texture coat and drywall and joint compound and tape, layers of roofing materials). Samples were analyzed by polarized light microscopy (PLM) at EMLab P & K. EMLab P & K is an EPA accredited laboratory located at 8304 Clairemont Mesa Boulevard, Suite 103, San Diego, CA, 92111, (858) 569-5800. Samples approximately one cubic centimeter (cc) in size were obtained using appropriate sampling equipment. The sampling area was misted with water to minimize the potential for the release of airborne fibers. Collected samples were placed in sealed plastic bags and labeled. They were transported under chain of custody to EMLab by Mr. Shockley.

2.2 Lead-Based Paint Testing

X-ray fluorescence (XRF) instrumentation was utilized to determine if lead-based paint was present. Painted surfaces were tested using x-ray fluorescence (XRF) analysis with a NITON model XLp 300A instrument, serial number 10129. A reading of 1.0 mg/cm² was considered positive for lead-based paint, in accordance with Chapter 7 (revised, 1997) of the Housing and Urban Development Guidelines for Lead Based Paint Inspection⁵. XRF results are summarized in Table 2.

3.0 Data – Laboratory and Direct Reading Results

3.1 Laboratory Results for Asbestos Sampling

Table 1 summarizes the laboratory results from the asbestos bulk sampling. A satellite photograph identifying the building numbers as well as photographs of the buildings and asbestos-containing materials are included in Appendix One. Sample location diagrams are included in Appendix Two. Laboratory reports of analysis and chains of custody are included in Appendix Three.

⁵ The California-OSHA standard for lead applies at any potential exposure to lead, even at levels below the HUD Guidelines. See discussion of XRF sampling results.

Table 1. Bulk Asbestos Sampling Results – October 17, 18, 19, and 22, 2018

Sample #	Sample Location	Description	Cond ⁶	Asbestos Content
JHS-01A	Pad for Building 11	Concrete foundation	G	None Detected
JHS-02A	Pad for Building 11	Concrete loading dock	G	None Detected
JHS-03A	Pad for Building 12	Concrete foundation	G	None Detected
JHS-04A	Pad for Building 12	Concrete loading dock	G	None Detected
JHS-05A	Pad #1 north of Pad 12	Concrete foundation	G	None Detected
JHS-06A	Pad #2 north of Pad 12	Concrete foundation	G	None Detected
JHS-07A	Transite pipe	Debris pile north of Area 4	G	17% Chrysotile 3% Crocidolite
JHS-08A	Roof of building 5 (Flat roof)	Black roofing material	D	None Detected
		Black roofing tar		None Detected
		Black roofing material		None Detected
		Black roofing tar		None Detected
		Black tar paper		None Detected
JHS-08B	Roof of building 5 (Flat roof)	Black roofing material	D	None Detected
		Black roofing tar		None Detected
		Black roofing material		None Detected
		Black roofing tar		None Detected
		Black tar paper		None Detected
JHS-08C	Roof of building 5 (Flat roof)	Black roofing material	D	None Detected
		Black roofing tar		None Detected
JHS-09A	Roof of building 5 (Pitched roof)	Black roofing material	G	None Detected
		Black roofing tar		None Detected
		Black roofing material		None Detected
		Black roofing tar		None Detected
JHS-09B	Roof of building 5 (Pitched roof)	Black roofing material	G	None Detected
		Black roofing tar		None Detected
		Black roofing material		None Detected
		Black roofing tar		None Detected
JHS-09C	Roof of building 5 (Pitched roof)	Black roofing material	G	None Detected
		Black roofing tar		None Detected

⁶ G = Good condition. D = Damaged condition with damage to less than 10% (distributed) or 25% (localized) of the surface area. SD = Significantly damaged condition with damage to greater than 10% (distributed) or 25% (localized) of the surface area.

Sample #	Sample Location	Description	Cond ⁶	Asbestos Content
JHS-10A	Roof of building 5 (Flat roof)	Black roof mastic	G	None Detected
JHS-11A	Roof of building 5 (Pitched roof)	Black roof mastic	G	None Detected
JHS-12A	Building 5 – Bedroom 1	Floor tile	G	None Detected
		Associated mastic		None Detected
JHS-12B	Building 5 – Kitchen	Floor tile	G	None Detected
		Associated mastic		None Detected
JHS-13A	Building 5 – Bedroom 2	Drywall	G	None Detected
		Joint compound		None Detected
JHS-13B	Building 5 – Bedroom 4	Drywall	G	None Detected
		Joint compound		None Detected
JHS-13C	Building 5 – Kitchen	Drywall	G	None Detected
		Joint compound		2% Chrysotile
		Drywall mesh tape		None Detected
JHS-14A	Building 5 – Exterior	Window putty	SD	None Detected
JHS-15A	Building 5 – Exterior	Concrete foundation	G	None Detected
JHS-16A	Mechanics Bay west of Building 5	Concrete	G	None Detected
JHS-17A	Building 4A – Exterior	Exterior stucco	G	None Detected
JHS-17B	Building 4A – Exterior			None Detected
JHS-17C	Building 4A – Exterior			None Detected
JHS-18A	Building 4A – Interior	Tar paper vapor barrier	SD	None Detected
JHS-18B	Building 4A – Interior			None Detected
JHS-18C	Building 4A – Interior			None Detected
JHS-19A	Building 4B – Exterior	Exterior stucco	SD	None Detected
JHS-19B	Building 4B – Exterior			None Detected
JHS-19C	Building 4B – Exterior			None Detected
JHS-20A	Roof of building 6	Black roofing shingle	D	None Detected

Sample #	Sample Location	Description	Cond ⁶	Asbestos Content
		Black roofing tar		None Detected
		Black roofing shingle		None Detected
		Black roofing tar		None Detected
JHS-20B	Roof of building 6	Black roofing shingle	D	None Detected
		Black roofing tar		None Detected
JHS-20C	Roof of building 6	Black roofing shingle	D	None Detected
		Black roofing tar		None Detected
JHS-21A	Building 6 – Exterior	Window putty	SD	None Detected
JHS-22A	Building 6 – Exterior	Concrete foundation	G	None Detected
JHS-23A	Building 6 – Kitchen	Floor tile	D	None Detected
		Associated brown mastic		None Detected
JHS-23B	Building 6 – Kitchen	Floor tile	D	None Detected
		Associated brown mastic		None Detected
JHS-23C	Building 6 – Kitchen	Floor tile	D	None Detected
		Associated brown mastic		None Detected
JHS-24A	Building 6 – North Entry	Sheet flooring	SD	None Detected
		Associated black mastic		2% Chrysotile
JHS-24B	Building 6 – North Entry	Sheet flooring	SD	None Detected
JHS-24C	Building 6 – North Entry	Sheet flooring	SD	None Detected
		Associated black mastic		None Detected
JHS-25A	Building 6 – North Bathroom	Sheet flooring	G	30% Chrysotile
		Associated yellow mastic		None Detected
JHS-26A	Building 6 – Bedroom 1	Sheet flooring	SD	None Detected
		Associated yellow mastic		None Detected
JHS-26B	Building 6 – Bedroom 1	Sheet flooring	SD	None Detected
JHS-26C	Building 6 – Bedroom 1	Sheet flooring	SD	None Detected
JHS-27A	Building 6 – South hallway	Floor tile	D	None Detected
		Associated yellow mastic		None Detected
		Black tar paper		None Detected
JHS-28A	Building 6 – Southeast Bathroom	Floor tile	D	None Detected
		Associated mastic		None Detected
JHS-29A	Building 6 – Southwest Bathroom	Sheet flooring	G	None Detected
		Associated yellow mastic		None Detected
JHS-30A	Building 6 – Bedroom 3	Drywall with paper	G	None Detected

Sample #	Sample Location	Description	Cond ⁶	Asbestos Content
		Joint compound		2% Chrysotile
		Drywall tape		None Detected
		Off-white compound		2% Chrysotile
		Composite asbestos content		<1% Chrysotile
JHS-30B	Building 6 – Bedroom 2	Drywall with paper	G	None Detected
		Joint compound		None Detected
		Drywall tape		None Detected
		White compound		None Detected
JHS-30C	Building 6 – Kitchen	Drywall with paper	G	None Detected
		Wall paper		None Detected
		Joint compound		2% Chrysotile
		Drywall tape		None Detected
		Off-white compound		2% Chrysotile
		Composite asbestos content		<1% Chrysotile
JHS-31A	Building 6 – Family room	Interior stucco	G	None Detected
JHS-31B	Building 6 – Office			None Detected
JHS-31C	Building 6 – Dining room			None Detected
JHS-32A	Building 6 – Living room	Wall panel black mastic	G	3% Chrysotile
JHS-33A	Building 6 – Southeast bathroom	Wall panel yellow mastic	G	None Detected
JHS-34A	Building 6 – North entry	Fiber panel	G	None Detected
		Plaster like material		None Detected
JHS-35A	Building 7 – Living room	Drywall with paper	G	None Detected
		Joint compound		None Detected
JHS-35B	Building 7 – Kitchen	Drywall with paper	G	None Detected
		Joint compound		None Detected
		Drywall tape		None Detected
		White compound		None Detected
JHS-35C	Building 7 – Bedroom 4	Drywall with paper	G	None Detected
		Joint compound		None Detected
		Drywall tape		None Detected
		White compound		None Detected
JHS-36A	Building 7 – Exterior	Window putty	G	None Detected
JHS-37A	Building 7 – Roof of porch	Layered roofing	G	None Detected
JHS-38A	Building 7 – Exterior	Concrete foundation	G	None Detected
JHS-39A	Building 4C – Room 4	Interior stucco	D	None Detected

Sample #	Sample Location	Description	Cond ⁶	Asbestos Content
		Skim coat		None Detected
JHS-39B	Building 4C – Room 3	Interior stucco	D	None Detected
		Skim coat		None Detected
JHS-39C	Building 4C – Room 3	Interior stucco	D	None Detected
JHS-40A	Building 4C – Exterior	Exterior stucco	D	None Detected
JHS-40B	Building 4C – Exterior			None Detected
JHS-40C	Building 4C – Exterior			None Detected
JHS-41A	Building 4C – Exterior	Concrete foundation	D	None Detected
JHS-42A	Building 4C – Exterior	Window putty	D	None Detected
JHS-43A	Building 4C – Exterior	Cinder block	D	None Detected
		Mortar		None Detected
JHS-44A	Building 7 – Kitchen	Ceramic tile grout	D	None Detected
JHS-45A	Building 4C – Exterior	Wall insulation	D	None Detected
		Black tar		None Detected
JHS-46A	Building 2 – Living room	Drywall with paper	G	None Detected
		Joint compound		None Detected
		Drywall tape		None Detected
JHS-46B	Building 2 – Bedroom 1	Drywall with paper	G	None Detected
		Joint compound		2% Chrysotile
		Drywall tape		None Detected
		Off-white compound		2% Chrysotile
		Composite asbestos content		<1% Chrysotile
JHS-46C	Building 2 – Hallway	Drywall with paper	G	None Detected
		Joint compound		2% Chrysotile
		Drywall tape		None Detected
		Off-white compound		2% Chrysotile
		Composite asbestos content		<1% Chrysotile
JHS-47A	Building 2 – Kitchen	Floor tile	G	None Detected
		Associated yellow mastic		None Detected
		Floor tile		None Detected
		Associated yellow mastic		None Detected
JHS-48A	Building 2 – Bedroom 1	Floor tile	G	None Detected

Sample #	Sample Location	Description	Cond ⁶	Asbestos Content
		Associated yellow mastic		None Detected
		Leveling compound		None Detected
JHS-49A	Building 2 – Bathroom	Sheet flooring	G	None Detected
		Associated yellow mastic		None Detected
JHS-50A	Building 2 – Living room	Concrete foundation	G	None Detected
JHS-51A	Building 2 – Exterior	Cinder block	D	None Detected
		Mortar		None Detected
JHS-52A	Building 2 – Exterior	Window putty	D	None Detected
JHS-53A	Building 2 – Roof	Black roofing material	D	None Detected
		Black roofing tar		None Detected
		Black material		None Detected
		Black mastic like material		None Detected
JHS-54A	Building 1 – Living room	Drywall with paper	SD	None Detected
		Joint compound		2% Chrysotile
		Drywall tape		None Detected
		Off-white compound		2% Chrysotile
		Composite asbestos content		<1% Chrysotile
JHS-54B	Building 1 – Bedroom 2	Drywall with paper	SD	None Detected
		Joint compound		2% Chrysotile
		Drywall tape		None Detected
		Off-white compound		2% Chrysotile
		Composite asbestos content		<1% Chrysotile
JHS-54C	Building 1 – Bedroom 1	Drywall with paper	SD	None Detected
		Joint compound		2% Chrysotile
		Drywall tape		None Detected
		Off-white compound		2% Chrysotile
		Composite asbestos content		<1% Chrysotile
JHS-55A	Building 1 – Bathroom	Sheet flooring	D	None Detected
JHS-56A	Building 1 – Bedroom 2	Sheet flooring	G	None Detected
JHS-57A	Building 1 – Exterior	Window putty	SD	2% Chrysotile
JHS-58A	Building 1 – Exterior	Concrete foundation	D	None Detected
JHS-59A	Building 6 – Family room	Fireplace rock	G	None Detected

Sample #	Sample Location	Description	Cond ⁶	Asbestos Content
		Mortar		None Detected
JHS-60A	Building 7 – Family room	Fireplace rock	G	None Detected
		Mortar		None Detected
JHS-61A	Building 4D – Room 3	Drywall with paper	G	None Detected
JHS-61B	Building 4D – Room 3	Drywall with paper	G	None Detected
		Joint compound		None Detected
		Drywall tape		None Detected
		White compound		None Detected
JHS-61C	Building 4D – Room 2	Drywall with paper	G	None Detected
		Joint compound		None Detected
		Drywall tape		None Detected
		White compound		None Detected
JHS-62A	South side of north tank	Gaskets on north tank on hill NE of structures	G	None Detected
JHS-62B	East side of north tank			None Detected
JHS-62C	West side of north tank			None Detected
JHS-63A	East side of east tank	Mastic on bottom of east tank on hill NE of structures	G	None Detected
JHS-64A	North side of west tank	Mastic on bottom of west tank on hill NE of structures	G	None Detected
JHS-65A	East end of area	Concrete pads north of area 4	D	None Detected
JHS-65B	Center of area			None Detected
JHS-65C	West end of area			None Detected
JHS-66A	East end of area	Concrete troughs near pads at north end of area with structures	D	None Detected
JHS-67A	East end of area	Concrete pads at north end of area with structures	D	None Detected
JHS-67B	Center of area			None Detected
JHS-67C	West end of area			None Detected
JHS-68A	Building 4D – Roof of room 6	Black roofing material	SD	None Detected
		Black roofing tar		None Detected
		Black roofing material		15% Chrysotile
JHS-69A	Building 4D – South silo	Concrete silo	G	None Detected
JHS-70A	Building 4D – North silo	Concrete silo	G	None Detected
JHS-71A	Building 4D – Room 5	Concrete foundation	G	None Detected
JHS-72A	Building 1 – Exterior	Exterior stucco	D	None Detected

Sample #	Sample Location	Description	Cond ⁶	Asbestos Content
JHS-72B	Building 1 – Exterior			None Detected
JHS-72C	Building 1 – Exterior			None Detected
JHS-73A	Building 2 – Exterior	Exterior stucco	D	None Detected
JHS-73B	Building 2 – Exterior			None Detected
JHS-73C	Building 2 – Exterior			None Detected
JHS-74A	Building 9 – Exterior	Exterior stucco	D	None Detected
JHS-74B	Building 9 – Exterior			None Detected
JHS-74C	Building 9 – Exterior			None Detected
JHS-75A	Building 8 – Room 2	Concrete foundation	G	None Detected
JHS-76A	Building 8 – Exterior	Concrete block	G	None Detected
JHS-77A	Building 8 – Exterior	Tar paper	G	None Detected
JHS-78A	Building 8 – Room 1	Drywall with paper	G	None Detected
JHS-79A	Building 8 – Exterior	Exterior stucco	D	None Detected
JHS-79B	Building 8 – Exterior			None Detected
JHS-79C	Building 8 – Exterior			None Detected
JHS-80A	Building 3 – Exterior	Concrete trough	D	None Detected
JHS-81A	Building 3 – Exterior	Concrete foundation	D	None Detected
JHS-82A	Building 3 – Exterior	Concrete loading ramp	D	None Detected
JHS-83A	Pad north of Building 2	Concrete foundation	D	None Detected

3.2 Lead-Based Paint Testing Results

The following data table summarizes the XRF testing data. The table columns are identified below:

Room	Identifies the location within the building of the tested component (See diagram in Appendix Two for locations of rooms or areas).
Location	Side of the room sampled (Side A is North and then moves clockwise).
Component	Identifies the actual component tested.
Substrate	The material of the tested component.
Color	The visible color of the upper coatings.
Condition	The condition of the paint was determined, as defined in the <i>Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing</i>: Intact – the entire surface is intact. Fair – less than or equal to ten percent of the total surface area of the component is deteriorated. Poor – more than ten percent of the total surface area of the component is deteriorated.
Replications	The number of like components found. Field is left blank if tested surface is the only like component.
Results	Whether lead was found at greater than 1.0 mg/cm ² (Positive or Negative).
PbC	The reading displayed by the XRF (lead concentration) in milligrams per square centimeter.

California law requires that CDPH Form 8552, Lead Hazard Evaluation Report, be sent to the Department of Public Health following a lead-based paint inspection or risk assessment in a public or residential building. This form was sent to the CDPH by Aurora and a copy is included as Appendix Four.

Table 2. XRF Readings – October 17, 18, 19, and 22, 2018

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Other	Calibration	Other	Other	Other	Calibration	0	Positive	1.0
Other	Calibration	Other	Other	Other	Calibration	0	Positive	1.0
Other	Calibration	Other	Other	Other	Calibration	0	Positive	1.1
Building 5 – Residential Building								
Exterior	A	Wall (Vertical boards)	Wood	White	Fair		Negative	0.0
	B	Wall (Vertical boards)	Wood	White	Fair		Negative	0.0
	C	Wall (Vertical boards)	Wood	White	Fair		Negative	0.5
	D	Wall (Vertical boards)	Wood	White	Fair		Negative	0.0
	A	Wall	Block	White	Fair		Negative	0.0
	A	Window	Metal	White	Intact		Negative	0.0
	A	Window trim	Wood	White	Fair		Negative	0.01
	A	Fascia	Wood	White	Fair		Negative	0.01
	B	Fascia	Wood	White	Fair		Negative	0.0
	D	Fascia (North end)	Wood	White	Fair		Negative	0.01
	A	Eave	Wood	White	Fair		Negative	0.0
	B	Eave	Wood	White	Intact		Negative	0.01
	C	Eave	Wood	White	Poor		Positive	4.6
	D	Eave (South end)	Wood	White	Fair		Positive	4.9
	B	Window	Metal	White	Intact	2	Negative	0.0
	B	Window trim	Wood	White	Intact	2	Negative	0.01
	B	Window	Wood	White	Fair	3	Negative	0.6
	B	Window trim	Wood	Green	Fair		Negative	0.0
	B	Window frame	Wood	White	Fair	3	Negative	0.4
	B	Window sill	Wood	White	Fair		Negative	0.3

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Exterior	D	Wall	Block	White	Fair		Negative	0.0
	D	Wall (Horizontal boards)	Wood	White	Fair		Positive	1.9
	D	Eave (North end)	Wood	White	Fair		Negative	0.0
	D	Door (South)	Metal	White	Intact		Negative	0.0
	D	Door frame (South)	Wood	White	Fair		Negative	0.0
	D	Door (Center)	Metal	White	Intact		Negative	0.0
	D	Door frame (Center)	Wood	White	Fair		Negative	0.0
	D	Door (North)	Metal	Beige	Intact		Negative	0.0
	D	Door frame (North)	Wood	Beige	Fair		Negative	0.0
Other	Calibration	Other	Other	Other	Calibration	0	Positive	1.0
Other	Calibration	Other	Other	Other	Calibration	0	Positive	1.0
Other	Calibration	Other	Other	Other	Calibration	0	Positive	1.1
Kitchen	A	Wall	Drywall	Beige	Intact		Negative	0.03
	B	Wall	Drywall	Beige	Intact		Negative	0.02
	C	Wall	Drywall	Beige	Intact		Negative	0.0
	D	Wall	Drywall	Beige	Intact		Negative	0.02
	A	Door frame	Wood	Beige	Intact		Negative	0.0
	Center	Ceiling	Drywall	Beige	Intact		Negative	0.09
	B	Shelves	Wood	Beige	Intact		Negative	0.03
	B	Cabinet doors	Wood	Beige	Intact		Negative	0.16
	B	Cabinet	Wood	Beige	Intact		Negative	0.0
	B	Sink	Porcelain	Beige	Intact		Positive	7.3
	B	Door	Wood	Beige	Intact	2	Negative	0.0
	B	Door frame	Wood	Beige	Intact	2	Negative	0.0

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Restroom entry	A	Wall	Wood	Beige	Intact		Negative	0.8
	B	Wall	Wood	Beige	Fair		Negative	0.01
	C	Wall	Drywall	Beige	Fair		Negative	0.0
	D	Wall	Wood	Beige	Intact		Negative	0.3
	A	Door frame	Wood	Beige	Intact		Negative	0.0
	Center	Ceiling	Drywall	Beige	Fair		Negative	0.0
	D	Door	Metal	Beige	Intact		Negative	0.0
	D	Door frame	Wood	Beige	Intact		Negative	0.01
Restroom	A	Wall	Drywall	Beige	Intact		Negative	0.0
	B	Wall	Drywall	Beige	Fair		Negative	0.01
	C	Wall	Drywall	Beige	Intact		Negative	0.0
	D	Wall	Drywall	Beige	Intact		Negative	0.01
	Center	Ceiling	Drywall	Beige	Fair		Negative	0.0
	Center	Shower wall	Drywall	Beige	Intact		Negative	0.0
	Center	Closet door	Wood	Beige	Intact		Negative	0.0
	Center	Closet door frame	Wood	Beige	Intact		Negative	0.0
	C	Shower	Porcelain	White	Intact		Negative	0.0
	D	Sink	Porcelain	White	Intact		Negative	0.01
	D	Toilet	Porcelain	White	Intact		Negative	0.07

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Dining room	A	Wall	Drywall	Beige	Intact		Negative	0.0
	B	Wall	Drywall	Beige	Intact		Negative	0.01
	C	Wall	Drywall	Beige	Intact		Negative	0.0
	D	Wall	Drywall	Beige	Intact		Negative	0.03
	C	Door frame	Wood	Beige	Intact		Negative	0.13
	Center	Ceiling	Drywall	Beige	Intact		Negative	0.0
	A	Door	Wood	Beige	Intact	3	Negative	0.0
	A	Door frame	Wood	Beige	Intact	3	Negative	0.03
Bedroom 1	A	Wall	Cinder block	Beige	Intact		Negative	0.0
	B	Wall	Drywall	Beige	Intact		Negative	0.0
	C	Wall	Drywall	Beige	Intact		Negative	0.01
	D	Wall	Drywall	Beige	Intact		Negative	0.0
	Center	Ceiling	Drywall	Beige	Intact		Negative	0.0
	A	Window	Metal	White	Intact		Negative	0.0
	A	Window frame	Wood	Beige	Fair		Negative	0.0
	A	Window sill	Wood	Beige	Fair		Negative	0.0
	C	Door	Wood	Beige	Intact		Negative	0.0
	C	Door frame	Wood	Beige	Intact		Negative	0.01

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Bedroom 2	A	Wall	Cinder block	Beige	Intact		Negative	0.0
	B	Wall	Drywall	Beige	Intact		Negative	0.0
	C	Wall	Drywall	Beige	Intact		Negative	0.01
	D	Wall	Drywall	Beige	Intact		Negative	0.0
	Center	Ceiling	Drywall	Beige	Intact		Negative	0.0
	B	Window	Metal	White	Intact		Negative	0.0
	C	Door	Wood	Beige	Intact		Negative	0.09
	C	Door frame	Wood	Beige	Intact		Negative	0.21
Bedroom 3	A	Wall	Drywall	Beige	Intact		Negative	0.0
	B	Wall	Drywall	Beige	Intact		Negative	0.0
	C	Wall	Drywall	Beige	Intact		Negative	0.0
	D	Wall	Drywall	Beige	Intact		Negative	0.0
	Center	Ceiling	Drywall	Beige	Intact		Negative	0.0
	B	Window	Wood	Beige	Intact	3	Negative	0.18
	B	Window frame	Wood	Beige	Intact	3	Negative	0.04
	B	Window sill	Wood	Beige	Intact		Negative	0.05
	D	Door	Wood	Beige	Intact		Negative	0.0
	D	Door frame	Wood	Beige	Intact		Negative	0.0
Bedroom 4	A	Wall	Drywall	Beige	Intact		Negative	0.0
	B	Wall	Drywall	Beige	Fair		Negative	0.01
	C	Wall	Drywall	Beige	Fair		Negative	0.0
	D	Wall	Drywall	Beige	Poor		Negative	0.02
	Center	Ceiling	Drywall	Beige	Fair		Negative	0.0
	A	Door	Wood	Beige	Intact		Negative	0.0
	A	Door frame	Wood	Beige	Intact		Negative	0.01
	D	Door	Metal	Beige	Intact		Negative	0.0
	D	Door frame	Wood	Beige	Intact		Negative	0.0

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Bedroom 5	A	Wall	Drywall	Green	Fair		Negative	0.0
	B	Wall	Drywall	Green	Intact		Negative	0.0
	C	Wall	Drywall	Beige	Intact		Negative	0.0
	D	Wall	Drywall	Beige	Intact		Negative	0.0
	Center	Ceiling	Drywall	Beige	Fair		Negative	0.0
	D	Door	Metal	Beige	Intact		Negative	0.0
	D	Door frame	Wood	Beige	Intact		Negative	0.0
	C	Door	Wood	Beige	Intact		Negative	0.0
	C	Door frame	Wood	Beige	Intact		Negative	0.01
Building 6 – Residential Building								
Living room closet	A	Wall	Drywall	Brown	Fair		Negative	0.28
	B	Wall	Drywall	Beige	Fair		Negative	0.19
	C	Wall	Drywall	Wallpaper	Fair		Negative	0.36
	D	Wall	Drywall	Brown	Fair		Negative	0.4
	Center	Ceiling	Drywall	Beige	Intact		Negative	0.0
	A	Window	Wood	Beige	Intact		Positive	2.7
	A	Window frame	Wood	Beige	Intact		Positive	2.2
	A	Window sill	Wood	Beige	Intact		Positive	2.9
	B	Door	Wood	Beige	Intact		Positive	2.2
	B	Door frame	Wood	Beige	Intact		Positive	3.0
	C	Upper shelf	Wood	Beige	Intact	2	Positive	2.2
	D	Lower shelf	Wood	Beige	Intact	4	Negative	0.0

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
North restroom	A	Wall	Ceramic tile	Yellow	Intact		Positive	1.9
	B	Wall	Drywall	Wallpaper	Intact		Negative	0.0
	C	Wall	Drywall	Wallpaper	Intact		Negative	0.0
	D	Wall	Drywall	Wallpaper	Intact		Negative	0.0
	Center	Ceiling	Drywall	Beige	Intact		Negative	0.0
	B	Door	Wood	Beige	Intact		Positive	1.5
	B	Door frame	Wood	Beige	Intact		Positive	2.1
	C	Window and frame	Wood	Beige	Fair		Positive	1.8
	D	Cabinet	Wood	Brown	Intact		Negative	0.0
	D	Sink	Porcelain	White	Intact		Negative	0.01
	D	Toilet	Porcelain	White	Intact		Negative	0.0
Living room	A	Wall	Wood	Brown	Intact		Negative	0.08
	B	Wall	Wood	Brown	Intact		Negative	0.0
	C	Wall	Wood	Brown	Intact		Negative	0.0
	D	Wall	Wood	Brown	Intact		Negative	0.03
	Center	Ceiling	Drywall	Beige	Intact		Negative	0.0
	B	Closet wall	Wood	Brown	Intact		Negative	0.0
	B	Mirror frame	Wood	Brown	Intact		Negative	0.0
	C	Shelf	Wood	Beige	Intact	5	Negative	0.01
	D	Door	Wood	Beige	Intact	4	Positive	1.5
	D	Door frame	Wood	Beige	Fair	4	Positive	2.0
	C	Window and frame	Wood	Beige	Intact	3	Positive	2.1
	D	Baseboard	Wood	Beige	Intact	4	Positive	1.4

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Entry	A	Wall	Concrete	Beige	Intact		Negative	0.05
	B	Wall	Drywall	Beige	Intact		Negative	0.0
	C	Wall	Drywall	Beige	Intact		Negative	0.06
	D	Wall	Wood	Beige	Intact		Negative	0.2
	Center	Ceiling	Drywall	Beige	Intact		Negative	0.07
	A	Door	Metal	Gray	Intact		Negative	0.0
	A	Door frame	Wood	Beige	Intact	4	Positive	2.3
	C	Door	Wood	Beige	Intact		Negative	0.0
	D	Door	Wood	Beige	Intact		Positive	2.4
	D	Shelf	Wood	Beige	Intact	8	Negative	0.0
	D	Baseboard	Wood	Beige	Intact	4	Negative	0.11
Kitchen	A	Wall	Drywall	Wallpaper	Intact		Negative	0.08
	B	Wall	Drywall	Wallpaper	Intact		Negative	0.5
	C	Wall	Drywall	Wallpaper	Intact		Negative	0.10
	D	Wall	Drywall	Wallpaper	Intact		Negative	0.06
	Center	Ceiling	Drywall	Beige	Intact		Negative	0.04
	D	Chair rail	Wood	Beige	Intact	4	Negative	0.02
	C	Window and frame	Wood	Beige	Intact	5	Positive	1.8
	A	Wall	Ceramic tile	Yellow	Intact		Positive	4.6
	B	Edge of counter tops	Ceramic tile	Yellow	Intact		Positive	4.4
	C	Counter tops	Ceramic tile	Yellow	Intact	3	Negative	0.05
	A	Sink	Porcelain	White	Intact		Negative	0.04

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Kitchen	A	Cabinet	Wood	Beige	Intact	6	Negative	0.4
	B	Cabinet door	Wood	Beige	Intact	15	Negative	0.4
	C	Cabinet drawers	Wood	Beige	Intact	20	Negative	0.15
	C	Pantry walls	Wood	Beige	Intact	2	Positive	2.3
	C	Pantry doors	Wood	Beige	Intact	2	Negative	0.9
	B	Door	Wood	Beige	Intact		Positive	2.1
	B	Door frame	Wood	Beige	Intact	3	Positive	3.8
	C	Door	Wood	Beige	Intact		Positive	3.2
	D	Door	Wood	Beige	Intact		Negative	0.0
	C	Crown molding	Wood	Beige	Intact	4	Negative	0.25
	C	Oven cabinet	Wood	Green	Intact		Negative	0.11
	Center	Small wall	Drywall	Beige	Intact		Negative	0.0
Office	A	Wall	Plaster	Beige	Fair		Negative	0.02
	B	Wall	Plaster	Beige	Fair		Negative	0.05
	C	Wall	Plaster	Beige	Fair		Negative	0.0
	D	Wall	Plaster	Beige	Fair		Negative	0.03
	Center	Ceiling	Plaster	Beige	Fair		Negative	0.0
	B	Window and frame	Wood	Beige	Fair	3	Positive	3.3
	A	Baseboard	Wood	Beige	Intact	4	Positive	2.9
	C	Door	Wood	Beige	Intact		Positive	1.7
	C	Door frame	Wood	Beige	Intact	2	Positive	2.8
	D	Door	Wood	Beige	Intact		Positive	2.5
	D	Cabinet	Wood	Beige	Intact	2	Negative	0.11
	D	Cabinet door	Wood	Beige	Intact	4	Negative	0.12
	D	Cabinet drawer	Wood	Beige	Intact	2	Negative	0.09

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Porch	A	Wall	Wood	Beige	Intact		Positive	4.0
	B	Wall	Wood	Brown	Intact		Negative	0.0
	C	Wall	Wood	Beige	Intact		Positive	4.5
	D	Wall	Wood	Beige	Intact		Positive	7.1
	A	Door	Wood	Brown	Intact	3	Negative	0.01
	A	Door frame	Wood	Green	Intact	3	Positive	6.4
	B	Post	Wood	Green	Intact	2	Positive	6.6
	C	Screen door	Wood	Green	Intact		Positive	17.4
	D	Window	Wood	Beige	Intact	4	Positive	5.3
	D	Window frame	Wood	Beige	Intact	4	Positive	6.2
Dining room	A	Wall	Plaster	Beige	Fair		Negative	0.02
	B	Wall	Plaster	Beige	Fair		Negative	0.0
	C	Wall	Plaster	Beige	Fair		Negative	0.0
	D	Wall	Plaster	Beige	Fair		Negative	0.03
	Center	Ceiling	Plaster	Beige	Fair		Negative	0.01
	A	Shelves	Wood	Beige	Intact		Positive	2.6
	A	Access window	Wood	Beige	Intact		Positive	4.3
	A	Door	Wood	Beige	Intact		Negative	0.6
	A	Door frame	Wood	Beige	Intact	4	Positive	3.7
	B	Door	Wood	Beige	Intact	2	Positive	4.7
	C	Door	Wood	Beige	Intact		Positive	3.3
	D	Window and frame	Wood	Beige	Fair	8	Positive	3.8
	A	Baseboard	Wood	Beige	Intact	4	Positive	2.9
	C	Crown molding	Wood	Beige	Intact	4	Positive	2.2
	D	Screen door	Wood	Beige	Fair		Positive	10.1

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Family room	A	Wall	Plaster	Blue	Fair		Negative	0.01
	B	Wall	Plaster	Blue	Fair		Negative	0.0
	C	Wall	Wood	Blue	Fair		Negative	0.03
	D	Wall	Plaster	Blue	Fair		Negative	0.02
	Center	Ceiling	Plaster	Blue	Fair		Negative	0.19
	A	Door	Wood	Beige	Intact	2	Negative	0.6
	A	Door frame	Wood	Blue	Intact	3	Negative	0.5
	A	Door	Wood	Blue	Intact		Negative	0.6
	B	Window	Wood	Blue	Intact	4	Negative	0.28
	B	Window frame	Wood	Blue	Intact	4	Negative	0.5
	B	Window sill	Wood	Blue	Intact	2	Negative	0.6
	A	Baseboard	Wood	Blue	Intact	4	Negative	0.4
Southeast restroom	A	Wall	Plaster	Beige	Fair		Negative	0.01
	B	Wall	Plaster	Beige	Fair		Negative	0.0
	C	Wall	Plaster	Beige	Fair		Negative	0.03
	D	Wall	Plaster	Beige	Fair		Negative	0.0
	Center	Ceiling	Plaster	Beige	Fair		Negative	0.02
	A	Door	Wood	Beige	Intact		Negative	0.12
	A	Door frame	Wood	Beige	Intact		Negative	0.23
	C	Window	Wood	Beige	Intact		Negative	0.19
	C	Window frame	Wood	Beige	Intact		Negative	0.25
	C	Window sill	Wood	Beige	Intact		Negative	0.3
	C	Toilet	Porcelain	White	Intact		Negative	0.03
	D	Tub	Porcelain	White	Intact		Positive	17.5
	D	Tub tile	Ceramic tile	Beige	Intact		Positive	4.2
	D	Tub tile	Ceramic tile	White	Intact		Negative	0.08

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
South hallway and closet	A	Wall	Plaster	Beige	Intact		Negative	0.0
	B	Wall	Plaster	Beige	Intact		Negative	0.01
	C	Wall	Plaster	Beige	Intact		Negative	0.03
	D	Wall	Plaster	Beige	Intact		Negative	0.0
	Center	Ceiling	Plaster	Beige	Fair		Negative	0.04
	A	Wall (Bottom)	Plaster	Wallpaper	Intact		Positive	1.4
	B	Wall (Bottom)	Plaster	Wallpaper	Intact		Positive	1.3
	C	Wall (Bottom)	Plaster	Wallpaper	Intact		Negative	0.9
	Center	Wall (Bottom)	Plaster	Wallpaper	Intact		Negative	0.7
	A	Baseboard	Wood	Beige	Intact	4	Negative	0.24
	B	Shelf	Wood	Beige	Intact		Negative	0.19
	D	Door	Wood	Beige	Intact	2	Negative	0.21
	D	Door frame	Wood	Beige	Intact	3	Negative	0.22
	Center	Attic access	Wood	Beige	Intact		Negative	0.20
Bedroom 1	A	Wall	Plaster	Beige	Fair		Negative	0.05
	B	Wall	Plaster	Beige	Fair		Negative	0.01
	C	Wall	Plaster	Brown	Fair		Negative	0.03
	D	Wall	Plaster	Beige	Fair		Negative	0.0
	Center	Ceiling	Plaster	Beige	Fair		Negative	0.14
	A	Window	Wood	Beige	Intact	2	Negative	0.21
	A	Window frame	Wood	Beige	Intact	2	Negative	0.4
	A	Window sill	Wood	Beige	Intact	2	Negative	0.3
	D	Closet	Wood	Beige	Intact		Negative	0.0
	D	Closet drawers	Wood	Beige	Intact	4	Negative	0.01
	D	Door	Wood	Beige	Intact	2	Negative	0.3
	D	Door frame	Wood	Beige	Intact	2	Negative	0.3
	C	Baseboard	Wood	Beige	Intact	4	Negative	0.26
	B	Crown molding	Wood	Beige	Intact	4	Negative	0.19

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Bedroom 2	A	Wall	Drywall	Beige	Intact		Negative	0.0
	B	Wall	Drywall	Beige	Intact		Negative	0.0
	C	Wall	Drywall	Beige	Intact		Negative	0.0
	D	Wall	Drywall	Beige	Intact		Negative	0.0
	Center	Ceiling	Drywall	Beige	Intact		Negative	0.0
	B	Door	Wood	Beige	Intact		Negative	0.0
	B	Door frame	Wood	Beige	Intact		Negative	0.0
	A	Door	Wood	Beige	Intact		Positive	2.4
	A	Door frame	Wood	Beige	Intact		Positive	3.7
	A	Screen door	Wood	Beige	Intact		Positive	2.1
	A	Window	Wood	Beige	Intact		Negative	0.17
	A	Window frame	Wood	Beige	Intact		Positive	2.1
	A	Window sill	Wood	Beige	Intact		Negative	0.0
	A	Trim	Wood	Beige	Intact		Negative	0.0
Bedroom 3	A	Wall	Drywall	Beige	Intact		Negative	0.10
	B	Wall	Drywall	Beige	Intact		Negative	0.09
	C	Wall	Drywall	Beige	Intact		Negative	0.0
	D	Wall	Drywall	Beige	Intact		Negative	0.08
	Center	Ceiling	Drywall	Beige	Intact		Negative	0.14
	A	Window	Wood	Beige	Intact		Negative	0.08
	A	Window frame	Wood	Beige	Intact		Negative	0.12
	A	Window sill	Wood	Beige	Intact		Negative	0.09
	C	Baseboard	Wood	Beige	Intact	4	Negative	0.2

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Bedroom 3	C	Window	Vinyl	White	Intact		Negative	0.0
	C	Window frame	Wood	Beige	Intact		Negative	0.0
	C	Window sill	Wood	Beige	Intact		Negative	0.0
	A	Door	Wood	Beige	Fair		Negative	0.09
	A	Door frame	Wood	Beige	Fair		Positive	2.4
	A	Screen door	Wood	Beige	Fair		Positive	6.2
	D	Door	Wood	Beige	Intact	3	Negative	0.21
	D	Door frame	Wood	Beige	Intact	3	Negative	0.25
	D	Closet shelf	Wood	Beige	Intact	2	Negative	0.19
Southwest restroom	A	Wall	Drywall	Beige	Intact		Negative	0.0
	B	Wall	Drywall	Beige	Intact		Negative	0.0
	C	Wall	Drywall	Beige	Intact		Negative	0.09
	D	Wall	Drywall	Beige	Intact		Negative	0.12
	Center	Ceiling	Drywall	Beige	Intact		Negative	0.07
	C	Window	Vinyl	White	Intact		Negative	0.0
	C	Window frame	Wood	Beige	Intact		Negative	0.19
	C	Window sill	Wood	Beige	Intact		Negative	0.21
	B	Door	Wood	Beige	Intact	2	Negative	0.4
	B	Door frame	Wood	Beige	Intact	2	Negative	0.31
	B	Toilet	Porcelain	White	Intact		Negative	0.04
	D	Sink	Porcelain	White	Intact		Negative	0.0
	A	Shower base	Concrete	Beige	Intact		Negative	0.09
	D	Baseboard	Wood	Beige	Intact	4	Negative	0.06

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Bedroom 4	A	Wall	Plaster	Beige	Intact		Negative	0.0
	B	Wall	Plaster	Beige	Intact		Negative	0.06
	C	Wall	Plaster	Beige	Intact		Negative	0.02
	D	Wall	Plaster	Beige	Intact		Negative	0.04
	Center	Ceiling	Plaster	Beige	Intact		Negative	0.11
	B	Closet shelf	Wood	Beige	Intact	2	Negative	0.4
	A	Door	Wood	Beige	Intact		Negative	0.03
	A	Door frame	Wood	Beige	Intact		Positive	1.1
	A	Window	Wood	Beige	Intact		Negative	0.3
	A	Window frame	Wood	Beige	Intact		Negative	0.09
	A	Window sill	Wood	Beige	Intact		Negative	0.2
	B	Door	Wood	Beige	Intact	3	Negative	0.25
	B	Door frame	Wood	Beige	Intact	3	Negative	0.17
	D	Baseboard	Wood	Beige	Intact	4	Negative	0.04
	Center	Floor	Wood	Brown	Intact		Negative	0.17
	C	Window	Vinyl	White	Intact		Negative	0.0
	C	Window frame	Wood	Beige	Intact		Negative	0.06
	C	Window sill	Wood	Beige	Intact		Negative	0.15
Other	Calibration	Other	Other	Other	Calibration	0	Positive	0.9
Other	Calibration	Other	Other	Other	Calibration	0	Positive	1.0
Other	Calibration	Other	Other	Other	Calibration	0	Positive	1.2

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Building 6 Exterior	A	Wall	Wood	Beige	Poor		Positive	5.8
	B	Wall	Wood	Beige	Poor		Positive	4.5
	C	Wall	Wood	Beige	Poor		Positive	5.2
	D	Wall	Wood	Beige	Poor		Positive	7.0
	A	Window	Wood	Beige	Poor	9	Positive	6.0
	A	Window frame	Wood	Green	Poor	9	Positive	1.9
	A	Window screen	Wood	Beige	Poor	9	Positive	4.5
	A	Door	Metal	Beige	Fair		Negative	0.0
	A	Door frame	Wood	Green	Poor		Positive	5.7
	B	Window	Wood	Beige	Poor	4	Positive	4.8
	B	Window frame	Wood	Beige	Poor	4	Positive	5.4
	B	Trim	Wood	Green	Poor		Positive	5.3
	B	Porch wall	Wood	Beige	Intact		Negative	0.0
	B	Porch trim	Wood	Green	Intact		Negative	0.0
	A	Eave	Wood	Beige	Fair		Positive	7.2
	B	Eave	Wood	Beige	Fair		Positive	6.1
	C	Eave	Wood	Beige	Fair		Positive	16.1
	D	Eave	Wood	Beige	Fair		Positive	8.8
	B	Fascia	Wood	Beige	Fair		Positive	8.9
	D	Fascia	Wood	Beige	Fair		Inaccessible	
	C	Window	Wood	Beige	Fair	5	Positive	5.0
	C	Window frame	Wood	Green	Fair	9	Positive	5.2
	A	Vent	Wood	Beige	Fair		Inaccessible	
	B	Vent	Wood	Beige	Fair	2	Positive	5.5
	D	Vent	Wood	Beige	Fair	2	Positive	6.1

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Building 6 Exterior	D	Window (Courtyard)	Wood	Beige	Fair	9	Positive	8.7
	D	Window frame (Courtyard)	Wood	Green	Fair	10	Positive	6.4
	D	Window sill (Courtyard)	Wood	Green	Fair	9	Positive	6.6
	D	Door (In courtyard)	Wood	Green	Fair	5	Positive	17.8
	D	Door frame (Courtyard)	Wood	Green	Fair	5	Positive	4.2
Building 7 – Residential Building								
Exterior	A	Wall	Wood	Beige	Fair		Positive	3.3
	B	Wall	Wood	Beige	Fair		Positive	1.5
	C	Wall	Wood	Beige	Fair		Positive	1.6
	D	Wall	Wood	Beige	Fair		Negative	0.06
	A	Door	Wood	White	Intact	2	Negative	0.0
	A	Door frame	Wood	White	Intact	2	Negative	0.2
	A	Trim	Wood	Green	Intact		Negative	0.05
	A	Eave (Main house)	Wood	White	Fair		Positive	5.9
	B	Eave (Main house)	Wood	White	Fair		Positive	2.6
	C	Eave (Main house)	Wood	White	Fair		Positive	1.4
	D	Eave (Main house)	Wood	White	Fair		Positive	2.8
	A	Fascia	Wood	White	Fair		Negative	0.0
	A	Window	Wood	Green	Fair	2	Positive	1.6
	A	Window frame	Wood	Green	Fair	7	Negative	0.3
	B	Window frame	Wood	Beige	Intact	2	Negative	0.5
	B	Window trim	Wood	Beige	Intact	2	Negative	0.38
	B	Fascia	Wood	White	Fair		Negative	0.4

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Exterior	C	Porch wall	Wood	White	Fair	2	Negative	0.01
	C	Porch eave	Wood	White	Fair	2	Negative	0.08
	C	Window	Wood	Green	Fair	3	Negative	0.0
	C	Window frame and trim	Wood	Green	Fair	3	Negative	0.0
	C	Window (Original)	Wood	Beige	Fair	6	Negative	0.08
	C	Window frame (Original)	Wood	Green	Fair	6	Negative	0.01
	D	Window frame	Wood	Green	Intact		Negative	0.0
	D	Fascia	Wood	Beige	Intact		Negative	0.7
Other	Calibration	Other	Other	Other	Calibration	0	Positive	0.9
Other	Calibration	Other	Other	Other	Calibration	0	Positive	0.9
Other	Calibration	Other	Other	Other	Calibration	0	Positive	1.0
Living room	A	Wall	Drywall	White	Intact		Negative	0.0
	B	Wall	Drywall	White	Intact		Negative	0.01
	C	Wall	Drywall	White	Intact		Negative	0.0
	D	Wall	Drywall	White	Intact		Negative	0.0
	Center	Ceiling	Drywall	White	Intact		Negative	0.0
	D	Door	Wood	White	Intact	2	Negative	0.0
	D	Door frame	Wood	White	Intact	3	Negative	0.05
	A	Door	Metal	White	Intact		Negative	0.0
	A	Door frame	Wood	White	Intact		Negative	0.0
	C	Door	Wood	White	Fair		Negative	0.16
	C	Door frame	Wood	White	Fair		Negative	0.14
	B	Window	Metal	White	Intact		Negative	0.0
	B	Window frame	Wood	White	Intact		Negative	0.04
	A	Baseboard	Wood	White	Intact	4	Negative	0.0
	Center	Attic access	Wood	White	Intact		Negative	0.01

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
East porch	A	Wall (Exterior of main house)	Wood	White	Fair		Positive	6.6
	B	Wall	Wood	White	Fair		Negative	0.05
	C	Wall	Wood	White	Fair		Negative	0.01
	D	Wall	Wood	White	Fair		Negative	0.03
	Center	Ceiling (Eave of main house)	Wood	White	Fair		Positive	2.6
	A	Door	Wood	White	Intact		Negative	0.8
	A	Door frame	Wood	White	Intact		Positive	1.2
	B	Door	Wood	White	Intact		Negative	0.6
	B	Door frame	Wood	White	Intact		Negative	0.09
Bedroom 1	A	Wall	Drywall	White	Intact		Negative	0.0
	B	Wall	Drywall	White	Intact		Negative	0.01
	C	Wall	Drywall	White	Intact		Negative	0.0
	D	Wall	Drywall	White	Intact		Negative	0.0
	Center	Ceiling	Drywall	White	Intact		Negative	0.0
	A	Door	Wood	White	Fair	4	Negative	0.05
	A	Door frame	Wood	White	Fair	4	Negative	0.08
	C	Window	Wood	White	Fair	2	Negative	0.21
	C	Window frame	Wood	White	Fair	2	Negative	0.09
	C	Window sill	Wood	White	Fair	1	Negative	0.04
	B	Closet shelf	Wood	White	Fair		Negative	0.0

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
East restroom	A	Wall	Drywall	White	Intact		Negative	0.0
	B	Wall	Drywall	White	Intact		Negative	0.0
	C	Wall	Drywall	White	Intact		Negative	0.0
	D	Wall	Drywall	White	Intact		Negative	0.0
	Center	Ceiling	Drywall	White	Intact		Negative	0.0
	Center	Shower opening	Wood	White	Intact		Negative	0.15
	A	Shower base	Concrete	White	Intact		Negative	0.01
	Center	Floor	Ceramic tile	Beige	Intact		Negative	0.01
	C	Sink	Porcelain	White	Intact		Negative	0.01
	C	Sink cabinet	Wood	Brown	Intact		Negative	0.0
	B	Toilet	Porcelain	White	Intact		Negative	0.01
	C	Baseboard	Wood	White	Intact		Negative	0.0
Bedroom 2	A	Wall	Wood	White	Intact		Negative	0.0
	C	Wall	Wood	White	Intact		Negative	0.05
	D	Wall	Wood	White	Intact		Negative	0.06
	Center	Ceiling	Drywall	White	Intact		Negative	0.0
	B	Door	Wood	Intact	Intact		Negative	0.0
	B	Door frame	Wood	Intact	Intact		Negative	0.0
	A	Window	Wood	Fair	Intact		Negative	0.04
	A	Window frame	Wood	Fair	Intact		Negative	0.12

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Family room, dining room, kitchen and closet	A	Wall	Drywall	White	Intact		Negative	0.0
	B	Wall	Drywall	White	Intact		Negative	0.01
	C	Wall	Drywall	White	Intact		Negative	0.0
	D	Wall	Drywall	White	Intact		Negative	0.0
	Center	Ceiling	Drywall	White	Intact		Negative	0.0
	Center	Floor	Wood	Brown	Intact		Negative	0.0
	Center	Floor	Ceramic tile	Beige	Intact		Negative	0.01
	A	Door	Metal	White	Intact		Negative	0.0
	A	Door frame	Wood	White	Intact		Negative	0.0
	B	Door	Wood	White	Intact		Negative	0.01
	B	Door frame	Wood	White	Intact		Negative	0.02
	Center	Door opening	Wood	White	Intact		Negative	0.0
	C	Door (Kitchen)	Wood	White	Intact		Negative	0.04
	C	Door frame (Kitchen)	Wood	White	Fair		Negative	0.25
	Center	Door (Closet)	Wood	White	Intact	2	Negative	0.01
	Center	Door frame (Closet)	Wood	White	Intact	2	Negative	0.02
	D	Door (Bedroom)	Wood	White	Intact	2	Negative	0.10
	D	Door frame (Bedroom)	Wood	White	Intact	2	Negative	0.14
	C	Door (Bathroom)	Wood	White	Intact		Positive	2.4
	C	Door frame (Bathroom)	Wood	White	Intact		Negative	0.06
	Center	Column	Drywall	White	Intact		Negative	0.02
	C	Cabinets	Wood	Brown	Intact	7	Negative	0.0
	A	Window	Wood	White	Intact	2	Negative	0.03
	A	Window frame	Wood	White	Intact	2	Negative	0.04
	A	Window sill	Wood	White	Intact	2	Negative	0.01
	A	Sliding window frame	Wood	White	Intact	4	Negative	0.0
	A	Sliding window sill	Wood	White	Intact	4	Negative	0.0

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
West porch	A	Wall	Drywall	White	Poor		Negative	0.0
	B	Wall	Drywall	White	Poor		Negative	0.0
	C	Wall	Drywall	White	Poor		Negative	0.0
	D	Wall	Drywall	White	Poor		Negative	0.0
	Center	Ceiling	Drywall	White	Poor		Negative	0.0
	B	Baseboard	Wood	White	Intact	2	Negative	0.01
	A	Door	Wood	White	Intact		Negative	0.8
	A	Door frame	Wood	White	Intact		Negative	0.9
West restroom	A	Wall	Drywall	White	Intact		Negative	0.0
	B	Wall	Drywall	White	Intact		Negative	0.01
	C	Wall	Drywall	White	Intact		Negative	0.0
	D	Wall	Drywall	White	Intact		Negative	0.0
	A	Door	Wood	White	Intact		Positive	2.4
	A	Door frame	Wood	White	Intact		Negative	0.03
	Center	Ceiling	Drywall	White	Intact		Negative	0.0
	C	Shower	Vinyl	Beige	Intact		Negative	0.0
	C	Shower base	Vinyl	Beige	Intact		Negative	0.02
	C	Window frame	Wood	White	Intact		Negative	0.0
	C	Window sill	Wood	White	Intact		Negative	0.0
	Center	Floor	Ceramic tile	Beige	Intact		Negative	0.10
	D	Sink	Porcelain	White	Intact		Negative	0.0
	D	Sink cabinet	Wood	Brown	Intact		Negative	0.0
	D	Toilet	Porcelain	White	Intact		Negative	0.09

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Bedroom 3	A	Wall	Drywall	White	Intact		Negative	0.09
	B	Wall	Drywall	White	Intact		Negative	0.21
	C	Wall	Drywall	White	Intact		Negative	0.0
	D	Wall	Drywall	White	Intact		Negative	0.0
	Center	Ceiling	Drywall	White	Intact		Negative	0.0
	D	Baseboard	Wood	White	Intact	4	Negative	0.0
	C	Window frame	Wood	White	Intact		Negative	0.0
	B	Door	Wood	White	Intact		Negative	0.0
	B	Door frame	Wood	White	Intact		Negative	0.07
	Center	Floor	Wood	Brown	Intact		Negative	0.04
Bedroom 4	A	Wall	Drywall	White	Intact		Negative	0.0
	B	Wall	Drywall	White	Intact		Negative	0.01
	C	Wall	Drywall	White	Intact		Negative	0.0
	D	Wall	Drywall	White	Intact		Negative	0.02
	Center	Ceiling	Drywall	White	Intact		Negative	0.0
	A	Window frame	Wood	White	Intact		Negative	0.03
	Center	Floor	Wood	Brown	Intact		Negative	0.01
	B	Door	Wood	White	Intact		Negative	0.0
	B	Door frame	Wood	White	Intact		Negative	0.0
	B	Closet frame	Wood	White	Intact		Negative	0.03
	A	Baseboard	Wood	White	Intact	4	Negative	0.0

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Other	Calibration	Other	Other	Other	Calibration	0	Positive	0.9
Other	Calibration	Other	Other	Other	Calibration	0	Positive	1.1
Other	Calibration	Other	Other	Other	Calibration	0	Positive	0.9
Building 2 – Residential Building								
Living room	A	Wall	Drywall	Beige	Intact		Negative	0.0
	B	Wall	Stucco	Beige	Intact		Negative	0.02
	C	Wall	Stucco	Beige	Intact		Negative	0.01
	D	Wall	Drywall	Beige	Intact		Negative	0.0
	Center	Ceiling	Drywall	Beige	Intact		Negative	0.0
	A	Door (Bedroom)	Wood	Brown	Fair		Positive	1.8
	A	Door frame (Bedroom)	Wood	Brown	Fair		Positive	1.8
	B	Door	Wood	Brown	Fair		Negative	0.09
	B	Door frame	Wood	Brown	Fair		Negative	0.5
	Center	Floor	Wood	Brown	Intact		Negative	0.02
	B	Window frame	Wood	Brown	Intact	3	Negative	0.0
	D	Hall opening	Wood	Brown	Intact		Positive	1.9
	C	Baseboard	Wood	Brown	Intact	4	Negative	0.0
Kitchen	A	Wall	Drywall	Beige	Fair		Negative	0.09
	B	Wall	Drywall	Beige	Fair		Negative	0.0
	C	Wall	Drywall	Beige	Fair		Negative	0.0
	D	Wall	Drywall	Beige	Fair		Negative	0.04
	Center	Ceiling	Drywall	Beige	Poor		Negative	0.0
	D	Porch opening frame	Wood	Brown	Fair		Negative	0.0
	D	Cabinet	Wood	Beige	Intact		Negative	0.0
	D	Cabinet door	Wood	Beige	Intact		Negative	0.0
	D	Cabinet drawers	Wood	Beige	Intact		Negative	0.01
	B	Baseboard	Wood	Brown	Intact	4	Negative	0.0
	D	Window	Wood	Beige	Intact		Positive	1.7
	D	Window frame	Wood	Beige	Intact		Negative	0.23
	D	Window sill	Wood	Brown	Intact		Negative	0.01

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Porch	B	Kitchen opening frame	Wood	Brown	Fair		Negative	0.15
	B	Wall (Exterior of main house)	Wood	Beige	Fair		Positive	7.4
	B	Window	Wood	Brown	Fair		Positive	1.5
	B	Window frame	Wood	Brown	Fair		Positive	4.8
	B	Window sill	Wood	Brown	Fair		Positive	1.9
	C	Door	Wood	Brown	Poor		Negative	0.6
	C	Door frame	Wood	White	Fair		Negative	0.02
	B	Eave of main house	Wood	White	Fair		Positive	6.2
Bedroom 1	A	Wall	Plaster	Beige	Intact		Negative	0.0
	B	Wall	Plaster	Beige	Intact		Negative	0.01
	C	Wall	Plaster	Beige	Intact		Negative	0.01
	D	Wall	Plaster	Beige	Intact		Negative	0.02
	Center	Ceiling	Plaster	Beige	Intact		Negative	0.0
	A	Window	Wood	Brown	Intact		Negative	0.24
	A	Window frame	Wood	Brown	Intact		Positive	1.2
	A	Window sill	Wood	Brown	Intact		Negative	0.6
	B	Baseboard	Wood	Brown	Intact		Negative	0.0
	B	Window frame	Wood	Brown	Intact		Negative	0.0
	D	Access door	Wood	Brown	Intact		Negative	0.01
	D	Access door frame	Wood	Brown	Intact		Negative	0.02
	D	Closet door	Wood	Brown	Intact	2	Negative	0.4
	D	Closet door frame	Wood	Brown	Intact	2	Negative	0.01
	C	Door	Wood	Brown	Fair	2	Negative	0.4
	C	Door frame	Wood	Brown	Fair	2	Negative	0.08

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Bedroom 2	A	Wall	Drywall	Green	Intact		Negative	0.01
	B	Wall	Drywall	Green	Intact		Negative	0.0
	C	Wall	Drywall	Purple	Intact		Negative	0.02
	D	Wall	Drywall	Purple	Intact		Negative	0.0
	Center	Ceiling	Drywall	Purple	Intact		Negative	0.01
	B	Baseboard	Wood	Blue	Intact	4	Negative	0.03
	Center	Floor	Wood	Blue	Intact		Negative	0.12
	D	Window	Wood	White	Intact		Negative	0.16
	D	Window frame	Wood	Blue	Fair		Negative	0.06
	D	Window sill	Wood	Blue	Fair		Negative	0.0
	B	Door	Wood	Green	Intact	2	Negative	0.5
	B	Door frame	Wood	Green	Intact	2	Negative	0.08
	C	Hall door	Wood	Green	Intact		Negative	0.03
	C	Hall door frame	Wood	Green	Intact		Negative	0.10
Hallway	A	Wall	Plaster	Beige	Intact		Negative	0.0
	B	Wall	Plaster	Beige	Intact		Negative	0.0
	C	Wall	Plaster	Beige	Intact		Negative	0.0
	D	Wall	Plaster	Beige	Intact		Negative	0.01
	Center	Ceiling	Plaster	Beige	Intact		Negative	0.02
	A	Door	Wood	Brown	Intact		Negative	0.08
	A	Door frame	Wood	Brown	Intact		Negative	0.1
	C	Closet door	Wood	Brown	Intact		Positive	1.2
	C	Closet door frame	Wood	Brown	Intact		Negative	0.4
	B	Living room opening frame	Wood	Brown	Intact		Negative	0.4
	B	Baseboard	Wood	Brown	Intact	4	Negative	0.01
	C	Closet shelf	Wood	White	Intact	4	Negative	0.0

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Restroom	A	Wall	Plaster	Blue	Fair		Negative	0.14
	B	Wall	Plaster	Blue	Fair		Negative	0.09
	C	Wall	Plaster	Blue	Fair		Negative	0.04
	D	Wall	Plaster	Blue	Fair		Negative	0.12
	Center	Ceiling	Plaster	Blue	Fair		Negative	0.08
	B	Door	Wood	White	Intact		Positive	2.0
	B	Door frame	Wood	White	Intact		Negative	0.0
	D	Sink	Porcelain	White	Intact		Negative	0.02
	A	Toilet	Porcelain	White	Intact		Negative	0.02
	D	Window frame	Wood	White	Intact		Negative	0.06
	A	Shower tile	Ceramic tile	Beige	Intact		Negative	0.08
	A	Shower stall	Ceramic tile	Blue	Intact		Negative	0.0
Exterior	A	Wall	Wood	White	Poor		Positive	5.4
	B	Wall	Wood	White	Fair		Positive	1.6
	C	Wall	Wood	White	Poor		Positive	1.9
	D	Wall	Wood	White	Fair		Negative	0.8
	A	Wall	Stucco	White	Fair		Negative	0.03
	A	Window	Wood	Green	Poor		Negative	0.26
	A	Window frame	Wood	Green	Poor	2	Positive	1.5
	A	Gas line	Metal	White	Fair		Negative	0.01
	A	Window frame	Wood	Green	Fair	3	Negative	0.0
	B	Post	Wood	White	Fair	2	Negative	0.01
	B	Post	Metal	White	Fair		Negative	0.3
	B	Vent pipe	Metal	White	Fair		Negative	0.0
	B	Eave	Wood	White	Poor		Negative	0.0
	C	Eave	Wood	White	Poor		Positive	10.6
	D	Eave	Wood	White	Poor		Positive	5.1

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Exterior	B	Door	Wood	Brown	Fair		Negative	0.0
	B	Door frame	Wood	Green	Fair		Negative	0.0
	B	Fascia	Wood	Green	Fair		Negative	0.0
	C	Fascia	Wood	Green	Fair		Negative	0.0
	C	Door (Porch)	Wood	Beige	Fair		Negative	0.03
	C	Door frame (Porch)	Wood	Beige	Fair		Negative	0.01
	D	Window frame	Wood	Beige	Fair		Negative	0.0
	D	Wall	Stucco	Beige	Fair		Negative	0.05
	D	Vent pipe	Metal	Brown	Intact		Negative	0.11
Building 1 – Residential Building								
Exterior	A	Wall	Wood	Beige	Poor		Positive	7.1
	B	Wall	Wood	Beige	Poor		Positive	9.4
	C	Wall	Wood	Beige	Poor		Positive	5.5
	D	Wall	Wood	Beige	Poor		Inaccessible	
	A	Window	Wood	Beige	Poor		Positive	5.4
	A	Window frame	Wood	Beige	Poor		Positive	2.3
	B	Window	Wood	Beige	Poor		Positive	2.9
	B	Window frame	Wood	Beige	Poor		Positive	4.6
	B	Door frame	Wood	Beige	Poor		Positive	1.0
	C	Window	Wood	Beige	Poor		Negative	0.23
	C	Window frame	Wood	Beige	Poor	3	Negative	0.30
	C	Door frame	Wood	Beige	Poor		Negative	0.19
	C	Post	Metal	Brown	Poor	4	Negative	0.30
	C	Wall	Stucco	Beige	Fair		Negative	0.13
	D	Wall	Stucco	Beige	Fair		Negative	0.10
	D	Window frame	Wood	Beige	Fair	2	Negative	0.12

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Living room	A	Wall	Drywall	Beige	Poor		Negative	0.02
	B	Wall	Drywall	Beige	Poor		Negative	0.06
	C	Wall	Drywall	Beige	Poor		Negative	0.1
	D	Wall	Drywall	Beige	Poor		Negative	0.09
	C	Window frame	Wood	Beige	Poor		Negative	0.29
	C	Door frame	Wood	Beige	Poor	3	Negative	0.09
Kitchen	A	Wall	Drywall	Beige	Poor		Negative	0.29
	B	Wall	Drywall	Beige	Poor		Negative	0.21
	C	Wall	Drywall	Beige	Poor		Negative	0.23
	D	Wall	Drywall	Beige	Poor		Negative	0.26
	B	Window	Wood	Beige	Poor		Negative	0.29
	B	Window frame	Wood	Beige	Poor		Negative	0.22
	A	Door frame	Wood	Beige	Poor		Negative	0.27
Laundry room	A	Wall	Drywall	Beige	Poor		Negative	0.09
	B	Wall	Drywall	Beige	Poor		Negative	0.10
	C	Wall	Drywall	Beige	Poor		Negative	0.21
	D	Wall	Drywall	Beige	Poor		Negative	0.18
	Center	Door	Wood	White	Poor		Positive	1.6
	Center	Door frame	Wood	White	Poor	3	Positive	1.4
	B	Window	Wood	White	Poor	2	Positive	1.0
	B	Window frame	Wood	White	Poor	2	Positive	1.1

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Bedroom 1	B	Door	Wood	White	Poor		Negative	0.6
	B	Door frame	Wood	White	Poor		Negative	0.8
	A	Wall	Drywall	Beige	Poor		Negative	0.04
	B	Wall	Drywall	Beige	Poor		Negative	0.07
	C	Wall	Drywall	Beige	Poor		Negative	0.02
	D	Wall	Drywall	Beige	Poor		Negative	0.01
	A	Window	Wood	White	Poor		Negative	0.6
	A	Window frame	Wood	White	Poor		Negative	0.7
	A	Window sill	Wood	White	Poor		Negative	0.8
	A	Baseboard	Wood	White	Fair	4	Negative	0.01
Bathroom	A	Wall	Drywall	White	Poor		Negative	0.0
	B	Wall	Drywall	White	Poor		Negative	0.01
	C	Wall	Drywall	White	Poor		Negative	0.0
	D	Wall	Drywall	White	Poor		Negative	0.02
	A	Wall	Wood	Beige	Poor		Negative	0.02
	B	Wall	Wood	Beige	Poor		Negative	0.03
	C	Wall	Wood	Beige	Poor		Negative	0.01
	D	Wall	Wood	Beige	Poor		Negative	0.09
	A	Window	Wood	White	Poor		Negative	0.5
	A	Window frame	Wood	White	Poor		Negative	0.8
	A	Window sill	Wood	White	Poor		Negative	0.6
	C	Door	Wood	White	Poor		Negative	0.6
	C	Door frame	Wood	White	Poor		Negative	0.7
	D	Baseboard	Wood	White	Fair	4	Negative	0.03
	D	Tub	Porcelain	White	Intact		Positive	4.0
	D	Toilet	Porcelain	White	Intact		Negative	0.01

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Hall and closets	A	Wall	Drywall	White	Poor		Negative	0.01
	B	Wall	Drywall	White	Poor		Negative	0.0
	C	Wall	Drywall	White	Poor		Negative	0.0
	D	Wall	Drywall	White	Poor		Negative	0.04
	B	Door	Wood	White	Poor	4	Negative	0.8
	C	Door frame	Wood	White	Poor	5	Negative	0.6
	Center	Ceiling	Drywall	White	Poor		Negative	0.02
	A	Closet shelf	Wood	White	Poor		Negative	0.03
Bedroom 2	B	Door	Wood	White	Poor	3	Positive	1.6
	B	Door frame	Wood	White	Poor	3	Negative	0.8
	A	Wall	Drywall	White	Poor		Negative	0.0
	B	Wall	Drywall	White	Poor		Negative	0.01
	C	Wall	Drywall	White	Poor		Negative	0.0
	D	Wall	Drywall	White	Poor		Negative	0.02
	Center	Ceiling	Drywall	White	Poor		Negative	0.03
	A	Window	Wood	White	Poor		Negative	0.6
	A	Window frame	Wood	White	Poor	2	Positive	1.5
Other	Calibration	Other	Other	Other	Calibration	0	Positive	0.9
Other	Calibration	Other	Other	Other	Calibration	0	Positive	1.0
Other	Calibration	Other	Other	Other	Calibration	0	Positive	0.9

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Building 3 – Support Building (Barn)								
Exterior	A	Wall	Metal	Beige	Fair		Negative	0.22
	B	Wall	Metal	Beige	Fair		Negative	0.0
	C	Wall	Metal	Beige	Fair		Negative	0.0
	D	Wall	Wood	Beige	Poor		Negative	0.03
	A	Wall framing	Wood	Brown	Poor		Negative	0.08
	B	Wall framing	Wood	Brown	Poor		Negative	0.15
	C	Wall framing	Wood	Brown	Poor		Negative	0.0
	D	Wall framing	Wood	Brown	Poor		Negative	0.0
	D	Stall door	Wood	Brown	Poor	10	Negative	0.0
	D	Stall door frame	Wood	Brown	Poor	10	Negative	0.0
	B	Stall door	Wood	Brown	Poor	10	Negative	0.0
	B	Stall door frame	Wood	Brown	Poor	10	Negative	0.0
Interior of barn 2	A	Wall	Metal	Beige	Poor		Inaccessible	
	B	Wall	Metal	Beige	Poor		Negative	0.30
	C	Wall	Metal	Beige	Poor		Negative	0.20
	D	Wall	Wood	Beige	Poor		Negative	0.10
	A	Wall framing	Wood	Brown	Poor		Inaccessible	
	B	Wall framing	Wood	Brown	Poor		Negative	0.0
	C	Wall framing	Wood	Brown	Poor		Negative	0.01
	D	Wall framing	Wood	Brown	Poor		Negative	0.0
	D	Stall door	Wood	Brown	Poor	10	Inaccessible	
	D	Stall door frame	Wood	Brown	Poor	10	Inaccessible	
	B	Stall door	Wood	Brown	Poor	10	Negative	0.01
	B	Stall door frame	Wood	Brown	Poor	10	Negative	0.03
	Center	Stall fence	Wood	Brown	Poor		Negative	0.01
	Center	Stall fence doors	Wood	Brown	Poor		Negative	0.03

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Building 4A – Support Building (Scale house)								
Exterior	A	Wall	Stucco	Beige	Poor		Negative	0.06
	B	Wall	Stucco	Beige	Poor		Negative	0.01
	C	Wall	Stucco	Beige	Poor		Negative	0.02
	D	Wall	Stucco	Beige	Poor		Negative	0.03
	B	Window	Wood	Brown	Poor	2	Negative	0.28
	B	Window frame	Wood	Brown	Poor	2	Negative	0.22
	C	Door frame	Wood	Brown	Poor		Negative	0.0
	C	Roof	Wood	Brown	Poor		Negative	0.01
Building 4B – Support Building (Elevator house)								
Exterior	A	Wall	Stucco	Beige	Fair		Negative	0.0
	B	Wall framing	Wood	Brown	Fair		Negative	0.0
	C	Wall	Stucco	Beige	Fair		Negative	0.01
	D	Wall	Stucco	Beige	Fair		Negative	0.03
Interior	Inaccessible							
Building 4C – Support Building (Administration Building)								
Room 1	A	Wall	Concrete	Beige	Poor		Positive	16.8
	B	Wall	Concrete	Beige	Poor		Positive	16.4
	C	Wall	Concrete	Beige	Poor		Positive	15.9
	D	Wall	Concrete	Beige	Poor		Positive	14.9
	D	Door frame	Wood	Beige	Poor		Positive	6.9
	C	Window	Wood	Beige	Poor		Positive	4.3
	C	Window frame	Wood	Beige	Poor		Positive	5.7

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Room 2	Inaccessible							
Room 3	A	Wall	Concrete	Beige	Poor		Negative	0.0
	B	Wall	Concrete	Beige	Poor		Positive	6.4
	C	Wall	Concrete	Beige	Poor		Inaccessible	
	D	Wall	Concrete	Beige	Poor		Inaccessible	
	Center	Ceiling	Stucco	Beige	Poor		Positive	7.1
	A	Door frame	Wood	Beige	Poor		Negative	0.6
	D	Door	Wood	Beige	Poor		Negative	0.04
	D	Door frame	Wood	Beige	Poor		Positive	15.4
	C	Window	Wood	Beige	Poor	2	Positive	3.6
	C	Window frame	Wood	Beige	Poor	2	Positive	3.4
	C	Door frame	Wood	Beige	Poor		Negative	0.8
Room 4	B	Door	Wood	Beige	Poor		Negative	0.03
	B	Door frame	Wood	Beige	Poor		Positive	1.8
	A	Wall	Plaster	Beige	Poor		Positive	2.6
	B	Wall	Plaster	Beige	Poor		Positive	3.4
	C	Wall	Plaster	Beige	Poor		Positive	3.9
	D	Wall	Plaster	Beige	Poor		Positive	2.5
Other	Calibration	Other	Other	Other	Calibration	0	Positive	0.9
Other	Calibration	Other	Other	Other	Calibration	0	Positive	1.0
Other	Calibration	Other	Other	Other	Calibration	0	Positive	1.1

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Exterior	A	Wall	Stucco	Green	Poor		Negative	0.02
	B	Wall	Cinder block	Beige	Poor		Negative	0.0
	C	Wall	Concrete	Beige	Poor		Negative	0.04
	D	Wall	Concrete	Beige	Poor		Negative	0.07
	A	Door (Chemical storage)	Wood	Beige	Poor		Negative	0.4
	A	Door frame (CS)	Wood	Beige	Poor		Positive	5.3
	A	Door frame (Steps to lookout)	Wood	Beige	Poor		Positive	3.9
	A	Door frame (Room 3)	Wood	Beige	Poor		Negative	0.03
	A	Post	Wood	Green	Fair	2	Negative	0.0
	B	Window (Room 1)	Wood	Beige	Poor		Positive	3.7
	B	Window (Room 3)	Wood	Beige	Poor	2	Positive	7.4
	B	Window frame (Room 3)	Wood	Beige	Poor	2	Positive	2.6
	B	Door frame	Wood	Beige	Poor		Positive	2.4
	B	Eave	Wood	Beige	Poor		Positive	3.4
	B	Eave beam	Wood	Beige	Poor		Positive	4.9
Chemical Storage room	Center	Wall	Wood	Beige	Fair		Negative	0.09
	Center	Wall framing	Wood	Beige	Fair		Negative	0.11
	A	Door	Wood	Beige	Poor		Negative	0.5
	A	Door frame	Wood	Beige	Poor		Positive	5.4
	D	Window	Wood	Beige	Fair		Positive	6.3
Steps to lookout	A	Window	Wood	Beige	Poor		Negative	0.04
	A	Window frame	Wood	Beige	Poor	2	Positive	4.3
	Center	Floor	Concrete	Gray	Fair		Negative	0.01
	A	Wall	Concrete	Beige	Fair		Negative	0.01
	B	Wall	Concrete	Beige	Fair		Negative	0.02
	C	Wall	Concrete	Beige	Fair		Negative	0.0
	D	Wall	Concrete	Beige	Fair		Negative	0.03

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Building 4D – Support Building (Barn and Shops)								
Room 1	A	Wall	Wood	Yellow	Fair		Negative	0.8
	B	Wall	Wood	Yellow	Fair		Negative	0.4
	C	Wall	Wood	Yellow	Fair		Negative	0.5
	D	Wall	Wood	Yellow	Fair		Negative	0.3
	Center	Door frame	Wood	Yellow	Fair		Negative	0.0
Room 2	A	Wall	Drywall	Beige	Fair		Negative	0.0
	B	Wall	Wood	Yellow	Fair		Negative	0.6
	C	Wall	Wood	Beige	Fair		Negative	0.0
Room 3	A	Wall	Drywall	White	Fair		Negative	0.0
	B	Wall	Drywall	White	Fair		Negative	0.01
	C	Wall	Drywall	White	Fair		Negative	0.0
	D	Wall	Drywall	White	Fair		Negative	0.0
	Center	Ceiling	Wood	White	Fair		Negative	0.0
	B	Shelves	Wood	White	Fair		Negative	0.0
	B	Bench	Wood	White	Fair		Negative	0.0
	D	Door frame	Wood	White	Fair		Negative	0.0
Room 4	B	Wall	Metal	Beige	Fair		Negative	0.25
	D	Wall	Metal	Beige	Fair		Negative	0.01
	D	Post	Wood	Beige	Fair	7	Negative	0.0
Room 5	A	Wall	Metal	Beige	Fair		Negative	0.13
	B	Wall	Metal	Beige	Fair		Negative	0.3
	C	Wall	Metal	Beige	Fair		Negative	0.0
	D	Wall	Wood	Beige	Fair		Negative	0.0
	Center	Post	Wood	Beige	Fair	4	Negative	0.0

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Room 6	Center	Post	Metal	Beige	Poor	40	Positive	7.4
	Center	Ceiling framing	Wood	Beige	Fair		Negative	0.0
	A	Wall	Metal	Beige	Fair		Negative	0.03
	B	Wall	Metal	Beige	Fair		Negative	0.30
	C	Wall	Stucco	Beige	Fair		Negative	0.0
	D	Wall	Concrete	Beige	Fair		Negative	0.0
	B	Wall framing	Wood	Beige	Fair		Negative	0.08
	B	Shutters	Wood	Beige	Poor	12	Negative	0.01
	Center	Interior walls	Concrete	Beige	Fair		Negative	0.0
	D	Wall framing	Wood	Beige	Fair		Positive	4.3
	D	Shutters	Wood	Beige	Poor	12	Negative	0.0
	Center	Ceiling	Metal	Beige	Fair		Negative	0.0
Exterior	A	Wall	Concrete	Beige	Fair		Negative	0.0
	B	Wall	Metal	Beige	Fair		Negative	0.09
	C	Wall	Metal	Beige	Fair		Negative	0.1
	D	Wall	Metal	Beige	Fair		Negative	0.0
	A	Door	Metal	Beige	Poor		Negative	0.5
	A	Wall	Metal	Beige	Poor		Negative	0.24
	B	Wall	Wood	Beige	Fair		Negative	0.0
	B	Shutters	Wood	Beige	Fair	12	Negative	0.0
	B	Roof	Metal	Beige	Fair		Negative	0.06
	B	Door frame	Wood	Beige	Fair		Negative	0.0
	C	Vault	Concrete	Beige	Poor		Negative	0.01
	C	Door	Wood	Brown	Fair		Negative	0.0
	D	Post	Metal	Brown	Fair		Negative	0.0
	D	Tank	Metal	Brown	Fair		Negative	0.0
	D	Wall framing	Wood	Brown	Fair		Negative	0.05

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
South silo	A	Silo wall	Concrete	Beige	Fair		Negative	0.02
	B	Silo wall	Concrete	Beige	Fair		Negative	0.01
	C	Silo wall	Concrete	Beige	Fair		Negative	0.01
	D	Silo wall	Concrete	Beige	Fair		Negative	0.01
North silo	A	Silo wall	Concrete	Beige	Fair		Negative	0.0
	B	Silo wall	Concrete	Beige	Fair		Negative	0.0
	C	Silo wall	Concrete	Beige	Fair		Negative	0.01
	D	Silo wall	Concrete	Beige	Fair		Negative	0.0
Building 8 – Support Building (Barn and Office)								
Exterior	A	Wall	Metal	Beige	Poor		Negative	0.05
	B	Wall	Metal	Beige	Poor		Negative	0.01
	C	Wall	Metal	Beige	Poor		Negative	0.28
	D	Wall	Metal	Beige	Poor		Negative	0.11
	A	Wall framing	Wood	Beige	Poor		Negative	0.0
	B	Wall framing	Wood	Beige	Poor		Negative	0.0
	C	Wall framing	Wood	Beige	Poor		Negative	0.0
	A	Window frame	Wood	Beige	Poor	2	Negative	0.0
	A	Door frame	Wood	Beige	Poor		Negative	0.5
	D	Gate	Wood	Brown	Fair		Negative	0.0
Room 1	A	Wall	Drywall	White	Poor		Negative	0.0
	D	Wall	Metal	White	Fair		Negative	0.01
	A	Door frame	Wood	White	Fair		Negative	0.7

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Building 9 – Basin South of Building 2								
Exterior	A	Wall	Concrete	Beige	Fair		Negative	0.0
	B	Wall	Concrete	Beige	Fair		Negative	0.0
	C	Wall	Concrete	Beige	Fair		Negative	0.01
	D	Wall	Concrete	Beige	Fair		Negative	0.0
	A	Wall top	Wood	Brown	Fair		Negative	0.01
	B	Wall top	Wood	Brown	Fair		Negative	0.0
	C	Wall top	Wood	Brown	Fair		Inaccessible	
	D	Wall top	Wood	Brown	Fair		Negative	0.0
Interior	A	Wall inside basin	Concrete	Beige	Fair		Negative	0.0
	B	Wall inside basin	Concrete	Beige	Fair		Negative	0.0
	C	Wall inside basin	Concrete	Beige	Fair		Inaccessible	
	D	Wall inside basin	Concrete	Beige	Fair		Negative	0.0
Building 10 – Support Building (Barn)								
Interior	A	Wall	Metal	Beige	Poor		Negative	0.0
	B	Wall	Metal	Beige	Poor		Negative	0.17
	C	Wall	Metal	Beige	Poor		Negative	0.01
	D	Wall	Metal	Beige	Poor		Negative	0.02
	Center	Post	Wood	Beige	Fair	8	Negative	0.7
	C	Stall door	Wood	Beige	Fair	7	Negative	0.0
	C	Stall door frame	Wood	Beige	Fair	10	Negative	0.02
	Center	Ceiling	Wood	Beige	Fair		Negative	0.0

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Exterior	A	Wall	Metal	Beige	Fair		Negative	0.11
	B	Wall	Metal	Beige	Fair		Negative	0.17
	C	Wall	Metal	Beige	Fair		Negative	0.06
	D	Wall	Metal	Beige	Fair		Negative	0.07
	A	Eave	Wood	Beige	Fair		Negative	0.0
	A	Wall framing	Wood	Brown	Fair		Negative	0.01
	B	Eave	Wood	Brown	Fair		Negative	0.0
	B	Door hanger	Metal	Red	Fair	5	Negative	0.0
	C	Stall door	Wood	Red	Poor	7	Negative	0.0
	C	Stall door frame	Wood	Brown	Fair	10	Negative	0.0
	C	Wall framing	Wood	Beige	Fair		Negative	0.0
	D	Sliding door frame	Metal	Red	Fair		Negative	0.01
	D	Eave	Wood	Beige	Fair		Negative	0.0
Area north of structures								
Pads north of Area 4D	Center	Fire hydrant	Metal	Yellow	Fair		Positive	6.6
Tank NE of Area 4	A	Tank wall	Metal	Beige	Fair		Negative	0.01
	B	Tank wall	Metal	Beige	Fair		Negative	0.02
	C	Tank wall	Metal	Beige	Fair		Negative	0.01
	D	Tank wall	Metal	Beige	Fair		Negative	0.11

Room	Location	Component	Substrate	Color	Condition	Replications	Results	PbC
Tank Farm on Hill Northeast of Buildings 1 – 10								
North tank	A	Tank wall	Metal	Beige	Fair		Negative	0.15
	B	Tank wall	Metal	Beige	Fair		Negative	0.4
	C	Tank wall	Metal	Beige	Fair		Negative	0.5
	D	Tank wall	Metal	Beige	Fair		Negative	0.14
	D	Drain pipe	Metal	Beige	Fair		Negative	0.19
	B	Access panel	Metal	Beige	Fair		Negative	0.09
East tank	A	Tank wall	Metal	Brown	Intact		Negative	0.0
	B	Tank wall	Metal	Brown	Intact		Negative	0.0
	C	Tank wall	Metal	Brown	Intact		Negative	0.0
	D	Tank wall	Metal	Brown	Intact		Negative	0.0
West tank	A	Tank wall	Metal	Brown	Intact		Negative	0.0
	B	Tank wall	Metal	Brown	Intact		Negative	0.0
	C	Tank wall	Metal	Brown	Intact		Negative	0.0
	D	Tank wall	Metal	Brown	Intact		Negative	0.0
Other	Calibration	Other	Other	Other	Calibration	0	Positive	0.9
Other	Calibration	Other	Other	Other	Calibration	0	Positive	1.0
Other	Calibration	Other	Other	Other	Calibration	0	Positive	1.0

4.0 Discussion and Recommendations

4.1 Asbestos Sampling Discussion

The Environmental Protection Agency (EPA) defines asbestos-containing material (ACM) as containing asbestos in an amount greater than 1%. In the State of California, the CalOSHA has determined that building materials containing asbestos at “trace” levels can still pose a health risk. CalOSHA has very stringent requirements regarding asbestos-containing building materials (defined as 0.1% or greater) and it is a property owner’s overall responsibility to ensure that all work involving the disturbance or removal of asbestos is conducted in such a manner as to ensure that employees and occupants are not exposed. The use of a registered asbestos removal contractor is required when removing more than 100 feet of asbestos containing construction material (ACCM, >0.1%).

In addition, a property owner has the responsibility for ensuring that occupants are informed and that the asbestos-containing material is maintained in good condition. Custodial or maintenance staff must be trained regarding proper handling of the material as part of an ongoing operations and maintenance program. Prior to demolition or remodeling activities, asbestos-containing building materials which may be damaged and become friable must be removed from the building by a licensed asbestos removal contractor and transferred to a waste facility that will accept asbestos waste. A California certified asbestos removal contractor should be utilized for the removal work and proper removal methodology as outlined in CalOSHA 8CCR1529, and all other applicable federal, state, and local regulations regarding the removal, transport and disposal of ACM should be applied.

The following materials were found to contain asbestos at greater than 1% (>1%):

- ✓ **Joint compound, located throughout Building 1⁷;**
- ✓ **Window putty, approximately 20 LF, located on exterior of Building 1;**
- ✓ **Joint compound, located throughout Building 2⁸;**
- ✓ **Layered roofing material, approximately 100 SF, located on roof of room 6 in Building 4D;**
- ✓ **Joint compound⁹, located throughout Building 5;**
- ✓ **Joint compound, located throughout Building 6¹⁰;**
- ✓ **Black flooring mastic, approximately 110 SF, located below vinyl sheet flooring in north entry in Building 6;**
- ✓ **Vinyl sheet flooring, approximately 20 SF, located in north bathroom in Building 6;**
- ✓ **Black wall mastic, approximately 160 SF, located on walls behind wood paneling in living room in Building 6; and**
- ✓ **Transite pipe, approximately 60 LF, located in several debris piles north of Area 4.**

⁷ When analyzed as a composite with other wall system sub-samples, results were less than 1% asbestos.

⁸ When analyzed as a composite with other wall system sub-samples, results were less than 1% asbestos.

⁹ According to the lab the sample could not be analyzed as a composite.

¹⁰ When analyzed as a composite with other wall system sub-samples results, were less than 1% asbestos.

The following materials were found to contain asbestos at less than 1% (<1%):

- ✓ **Composite of drywall, joint compound, off-white compound and drywall tape, located throughout Building 1;**
- ✓ **Composite of drywall, joint compound, off-white compound and drywall tape, located throughout Building 2; and**
- ✓ **Composite of drywall, joint compound, off-white compound and drywall tape, located throughout Building 6.**

The following materials were not sampled and should be presumed to contain asbestos:

- ✓ **Any other suspect hidden materials (i.e. behind walls, in any crawl spaces, etc.).**

Prior to renovation or demolition activities, ACM and ACCM that may be disturbed should be removed by a California certified asbestos removal contractor.

Prior to renovation or demolition activities, ACM and ACCM that may be disturbed should be removed by a California certified asbestos removal contractor.

4.2 Lead-Based Paint Testing Discussion

An XRF reading of 1.0 mg/cm² is considered positive for lead-based paint.

The following components were found to contain greater than 1.0 mg/cm² lead:

- ✓ **The beige wood wall siding on Sides A, B, C, and D of Building 1 exterior;**
- ✓ **The beige wood door frames, windows, and window frames on Sides A and B of Building 1 exterior;**
- ✓ **The white wood doors, door frames, windows, and window frames in laundry room of Building 1;**
- ✓ **The white wood door on Side B, and window frame on Side A in bedroom 2 of Building 1;**
- ✓ **The brown wood hall opening on Side D, and door and door frame on Side A in living room of Building 2;**
- ✓ **The beige wood window on Side D in kitchen of Building 2;**
- ✓ **The brown wood window, window sill, and window frame on Side B in porch of Building 2;**
- ✓ **The beige wood siding (exterior of main house) on Side B in porch of Building 2;**
- ✓ **The white wood ceiling (eave of main house) on Side B in porch of Building 2;**
- ✓ **The brown wood window frame on Side A in bedroom 1 of Building 2;**
- ✓ **The brown wood closet door on Side C in hallway of Building 2;**
- ✓ **The white wood door on Side B in restroom of Building 2;**

- ✓ The white wood wall siding on Sides A, B, and C of Building 2 exterior;
- ✓ The white wood eaves (for main house) on Sides C and D of Building 2 exterior;
- ✓ The green wood window frames on Side A of Building 2 exterior;
- ✓ The beige concrete walls on Sides A, B, C, and D in room 1 of Building 4C;
- ✓ The beige wood door frame on Side D, and window and window frame on Side C in room 1 of Building 4C;
- ✓ The beige concrete wall on Side B in room 3 of Building 4C;
- ✓ The beige stucco ceiling in room 3 of Building 4C;
- ✓ The beige wood door frame on Side D, and window and window frame on Side C in room 3 of Building 4C;
- ✓ The beige plaster walls on Sides A, B, C, and D in room 4 of Building 4C;
- ✓ The beige wood door frame on Side B in room 4 of Building 4C;
- ✓ The beige wood door frames (chemical storage room and steps to lookout) on Side A of Building 4C exterior;
- ✓ The beige wood door frames, eaves, eave beams, windows, and window frames on Side B of Building 4C exterior;
- ✓ The beige wood windows in chemical storage room of Building 4C;
- ✓ The beige wood window frames in steps to lookout of Building 4C;
- ✓ The beige metal posts in room 6 of Building 4D;
- ✓ The beige wood wall framing on Side D in room 6 of Building 4D;
- ✓ The white wood eaves on Sides C and D of Building 5 exterior;
- ✓ The white wood siding (horizontal boards) on Side D of Building 5 exterior;
- ✓ All of the beige and green wood doors, door frames, wall siding, trim, eaves, fascia, vents, windows, window frames, and window sills on Sides A, B, C, and D on exterior of Building 6;
- ✓ All of the beige wood windows, window frames, and window sills on Sides A, B, C, and D in living room closet, north restroom, living room, kitchen, office, porch, and dining room of Building 6;
- ✓ The beige wood door, door frame, and upper shelf on Sides B and C in living room closet of Building 6;
- ✓ The beige wood door and door frame on Side B in north restroom of Building 6;
- ✓ The beige wood doors, door frames, and baseboard on Sides A, B, C, and D in living room of Building 6;
- ✓ The beige wood door on Side D, and door frames on Sides A, B, C, and D in north entry of Building 6;
- ✓ The beige wood door on Sides B and C, and door frames on Sides A, B, C, and D in kitchen of Building 6;
- ✓ The beige wood pantry walls on Side C in kitchen of Building 6;
- ✓ The beige wood doors, door frames, and baseboard on Sides A, B, C, and D in office of Building 6;

- ✓ The beige wood walls on Sides A, C, and D in porch of Building 6;
- ✓ The green wood door frames on Sides A, B, C, and D, posts on Side B, and screen door on Side C in porch of Building 6;
- ✓ The beige wood doors on Sides B and C, screen door on Side D, and door frames on Sides A, B, C, and D in dining room of Building 6;
- ✓ The beige wood crown molding and baseboard on Sides A, B, C, and D in dining room of Building 6;
- ✓ The beige wood shelves and access window on Side A in dining room of Building 6;
- ✓ The bottom of the plaster walls covered with wallpaper on Sides A and B in the south hallway closet of Building 6;
- ✓ The beige wood window frame, door, screen door, and door frame on Side A in bedroom 2 of Building 6;
- ✓ The beige wood screen door and door frame on Side A in bedroom 3 of Building 6;
- ✓ The beige wood door frame on Side A in bedroom 4 of Building 6;
- ✓ The beige wood wall siding on Sides A, B, and C of Building 7 exterior;
- ✓ The white wood eaves (for main house) on Sides A, B, C, and D of Building 7 exterior;
- ✓ The green wood windows on Side A of Building 7;
- ✓ The white wood siding (exterior of main house) on Side A in east porch of Building 7;
- ✓ The white wood ceiling (eave of main house) on Side A in east porch of Building 7;
- ✓ The white wood door frame on Side A in east porch of Building 7;
- ✓ The white wood door on Side A in west restroom of Building 7; and
- ✓ The yellow metal fire hydrant near the pads north of Area 4;

The following non-painted components were found to contain greater than 1.0 mg/cm² lead:

- ✓ The white porcelain tub on side D in restroom of Building 1;
- ✓ The white porcelain sink on side B of kitchen in Building 5;
- ✓ The yellow ceramic wall tile above tub on side A in north restroom and on part of Side A in the kitchen of Building 6;
- ✓ The yellow ceramic tile along the edge of counter tops in kitchen of Building 6; and
- ✓ The white porcelain tub and beige ceramic tile around tub on side D in southeast restroom of Building 6.

These components are not technically considered painted surfaces. However, worker protection requirements apply if the materials are disturbed in a manner that may result in airborne lead dust.

Worker Protection

California regulations (8 CCR 1532.1) define lead-related construction work as, “Construction, alteration, painting, demolition, salvage, renovation, repair, or maintenance of any residential, public or commercial building, including preparation and clean-up, that, by using or disturbing lead-containing material or soil, may result in significant exposure of individuals to lead”. As such, Cal/OSHA does not distinguish between lead-based paint as defined by HUD (1.0 mg/cm²) and paint which contains lead at a lower concentration. The presence of lead at any level requires compliance with the OSHA standard if that paint is disturbed. There are many other building materials which may contain lead in the average building. When conducting construction activities which disturb lead in any amount or create an exposure to workers, the employer is required to provide training, worker protection, and conduct exposure assessments. Other provisions of 8 CCR 1532.1 may apply, based on the results of the exposure assessments. These include, but are not limited to additional training, notification, medical evaluations, and personal protective equipment. All employers should consult Federal OSHA Regulations at 29 CFR 1926.62 and Cal-OSHA Regulations at Title 8, 1532.1, “Lead in Construction” standards for complete requirements.

Limitations

Crawl spaces and interstitial wall spaces were not accessed for inspection. These areas may have asbestos-containing piping and insulation. For safety reasons, inspectors did not go onto roofs. Roofing components accessible from ladders were tested. Some areas were not accessible for measurement by XRF and are noted in the lead-based paint results table. Debris piles in the vicinity of the buildings were examined visually and sampled if suspect asbestos-containing materials were visible on the surface. Inspectors did not dig below the surface of the piles or assess piles outside the vicinity of the buildings.

If any suspect materials are found during work that were not sampled during this inspection, they should be considered asbestos containing unless samples are collected to determine otherwise.

The data and observations collected during the course of this work have been gathered to provide the Client with information pertaining to the areas of the subject property identified in this report. Although Aurora believes that the findings and conclusions provided in this report are reasonable, the assessment is limited to the conditions observed and to the information available at the time of the work. Due to the nature of the work, there is a possibility that conditions may exist which could not be identified within the scope of the assessment or which were not apparent at the time of our site work. The assessment is also limited to information available from the client at the time it was conducted. It is also possible that the testing methods employed at the time of the report may later be superseded by other methods. Aurora does not accept responsibility for changes in the state of the art.

We hope that this information is helpful. Please feel free to contact us at (619) 276-5901 if you have any questions.

Appendix One – Photographs

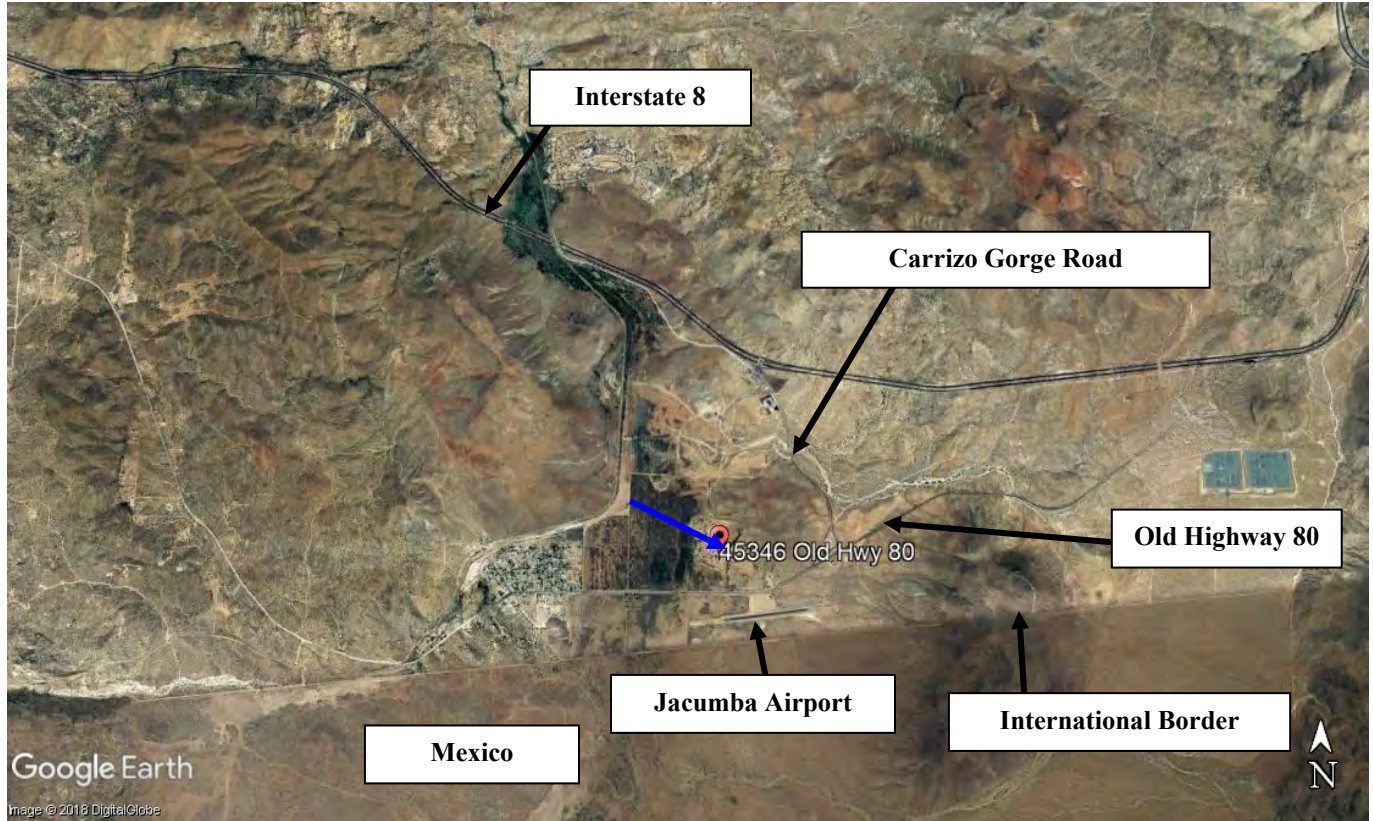


Photo One: Satellite photograph of the area around the property.

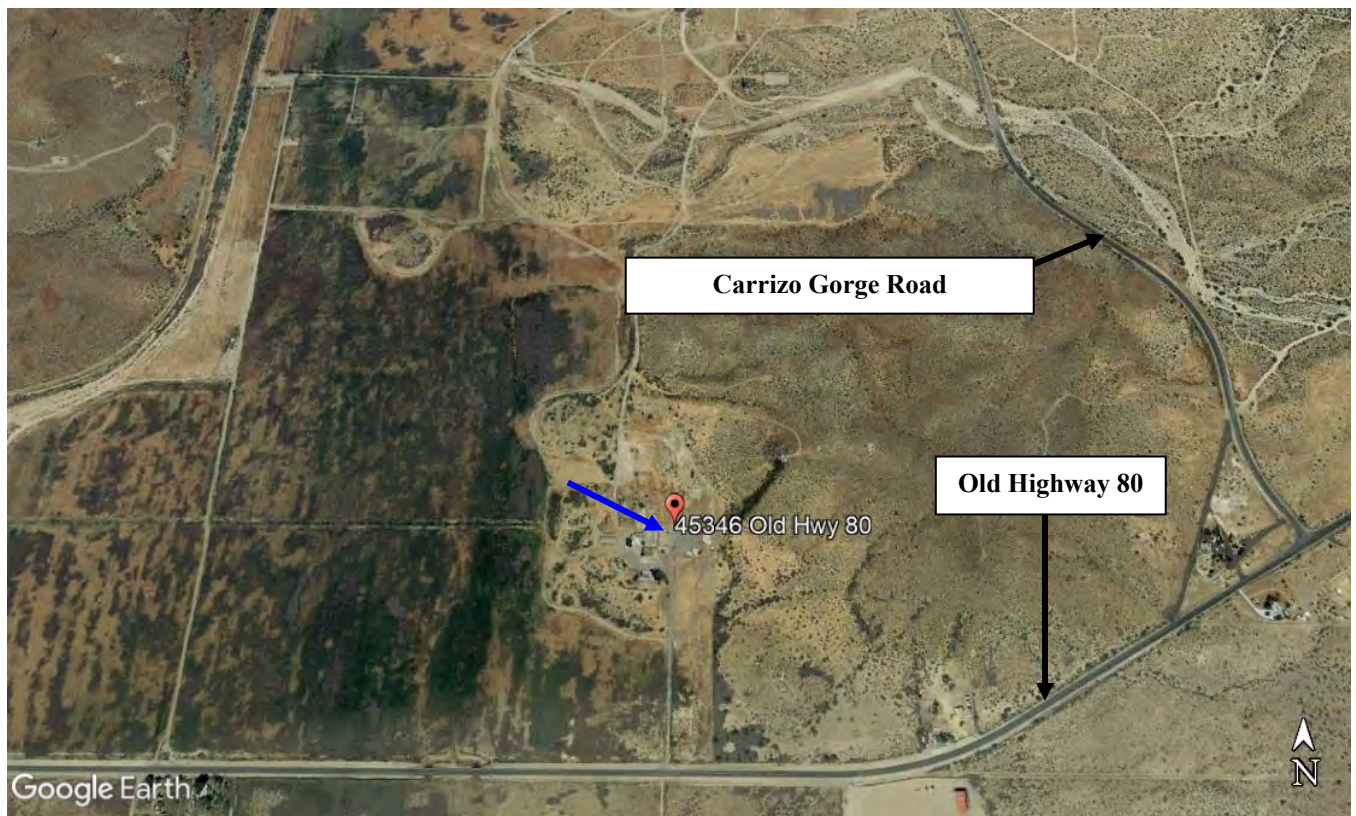


Photo Two – The blue arrow indicates the structures inspected on the Ranch Property, located at 45346 Old Highway 80.

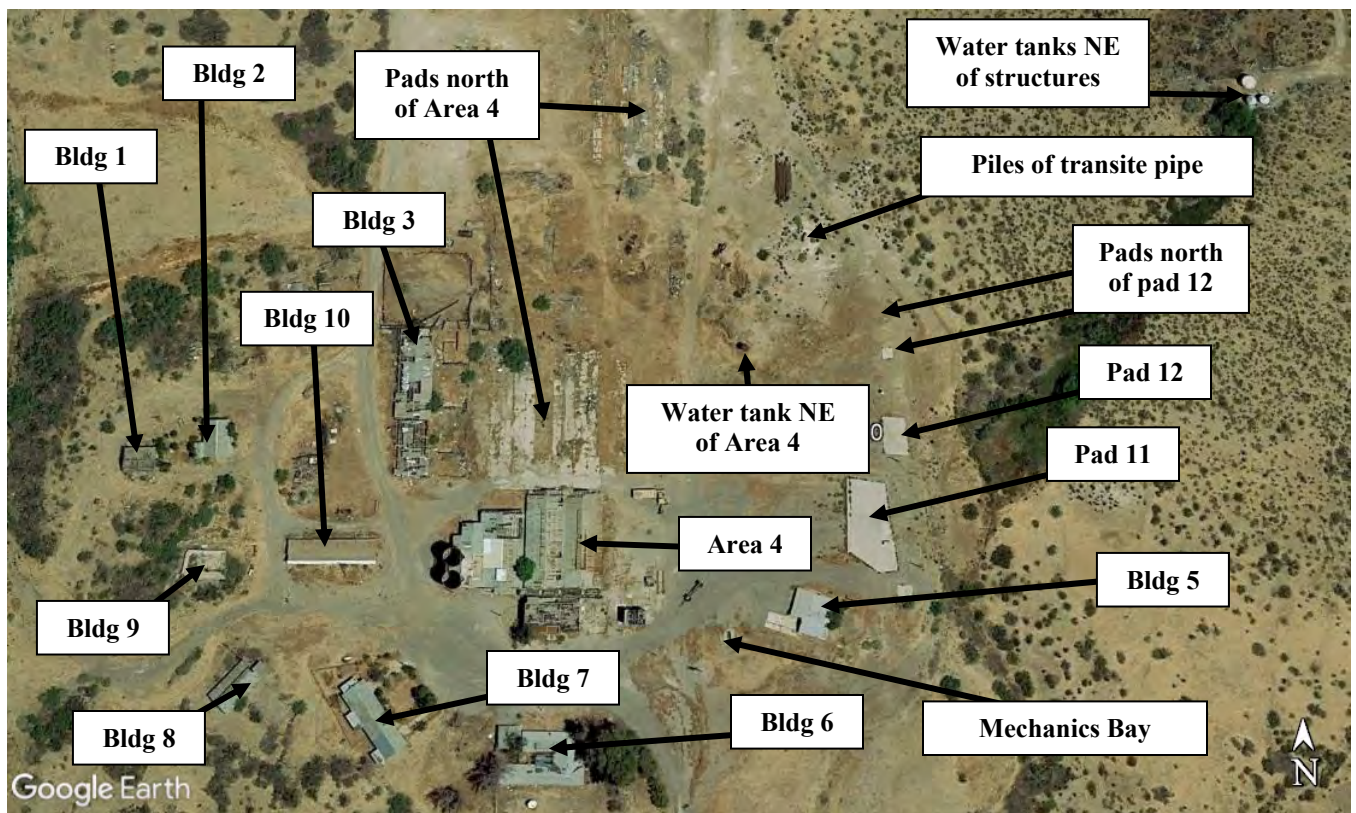


Photo Three –Close-up photo of the property with building numbers indicated.



Photo Four – Ground level view of the west side of Building 5.



Photo Five – Close up photo of wood siding and eaves on exterior of building 5 that were found to contain elevated lead levels.



Photo Six – Photo of porcelain sink on side B of kitchen in building 5 that was found to contain elevated lead levels. The joint compound located throughout the building was found to contain asbestos.



Photo Seven – Ground level view of the north side of Building 6. The windows, window frames, window sills, doors, door frames, wood siding, eaves, fascia, trim, and vents on exterior of the building were all found to contain elevated lead levels. Photos not included of upper shelves on sides B and C of living room closet and lower portions of walls covered with wallpaper in south hallway closet inside building 6 that were also found to contain elevated lead levels.



Photo Eight – Photo of ceramic wall tile and tile along the edge of the counter tops on sides A and B, and windows, window frames and window sills on side A of kitchen in building 6 that were found to contain elevated lead levels.

Photo not included of similar ceramic tile on wall above tub in the north restroom that was also found to contain elevated lead levels. Joint compound was found to contain asbestos, however composite of wall system (drywall, joint compound, off-white compound and drywall tape) located throughout the building was found to contain less than 1% of asbestos.



Photo Nine – Photo of pantry walls on side C, and doors, and door frames on sides B and C of kitchen in building 6 that were found to contain elevated lead levels.



Photo 10 – Photo of access window, shelves, baseboard, door, and door frame on side A of dining room in building 6 that were found to contain elevated lead levels.



Photo 11 – Photo of windows, window frames, window sills, crown molding, baseboard, screen door, and door frame on side B of dining room in building 6 that were found to contain elevated lead levels.



Photo 12 – Photo of posts on side B, and wood siding, door, and door frame on side C of porch in building 6 that were found to contain elevated lead levels.



Photo 13 – Photo of porcelain tub and ceramic wall tile around tub on side D, and windows, window frames and window sills on side C of southeast restroom in building 6 that were found to contain elevated lead levels.



Photo 14 – Photo of vinyl sheet flooring in north restroom of building 6 that was found to contain asbestos. The black mastic behind the wood paneling located in the living room was also found to contain asbestos. Photo not included of the vinyl sheet flooring in the north entry that had asbestos containing black mastic below it.



Photo 15 – Ground level view of the north and east sides of Building 7. The old windows on side A, and wood siding and eaves on all four sides of the building were all found to contain elevated lead levels. Photos not included of door frame on side A of east porch and door on side A of west restroom inside building 7 that were also found to contain elevated lead levels.



Photo 16 – Ground level view of the north and east sides of Building 2. The window frames, eaves, and wood siding on all four sides of the building were all found to contain elevated lead levels. Photo not included of hall opening on side D and door and door frame on side A in living room; window on side D in kitchen; window, window frame, and window sill on side B in porch; closet door on side C in hall; and door on side B in restroom; window frame on side A in bedroom 1 on inside building 2 that were also found to contain elevated lead levels. Joint compound was found to contain asbestos, however composite of wall system (drywall, joint compound, off-white compound and drywall tape) located throughout the building was found to contain less than 1% of asbestos .



Photo 17 – Ground level view of the east side of Building 1. The windows, window frames, door frames, and wood siding on all four sides of the building were all found to contain elevated lead levels. Photo not included of windows, window frames, doors and door frames in laundry room and door on side B and window frame on side A in bedroom 2 on inside building 1 that were also found to contain elevated lead levels. The window putty located on the exterior of the building was found to contain asbestos. Joint compound was found to contain asbestos, however composite of wall system (drywall, joint compound, off-white compound and drywall tape) located throughout the building was found to contain less than 1% of asbestos.



Photo 18 – Ground level view of the south and west sides of Building 4A.



Photo 19 – Ground level view of the south and west sides of Building 4B.



Photo 20 – Ground level view of the south and west sides of Building 4C. The windows, window frames, door frames, eaves, and eave beams on all four sides of the building were all found to contain elevated lead levels. Photo not included of concrete walls on all 4 sides, and door frame on side D, and window and window frame on side C in room 1; concrete wall on side B, door frame on side D, windows, window frames on side C, and stucco ceiling in room 3; plaster walls on all 4 sides, and door frame on side B in room 4; windows in chemical storage room; and window frames steps to overlook on inside of building 4C that were also found to contain elevated lead levels.



Photo 21 – Ground level view of the south side of Building 4D and the north and south silos that are on the west end of 4D. The red arrow points to the location of the layered roofing material on room 6 of building 4D that was found to contain asbestos.



Photo 22 – Ground level view of the inside of room 6 in Building 4D. The wall framing on side D (red arrow) and metal posts throughout the center of the room were all found to contain elevated lead levels.



Photo 23 – Ground level view of the west side of Building 3.



Photo 24 – Ground level view of the east side of Building 8.



Photo 25 – Ground level view of the concrete pads north of Area 4. The fire hydrant was found to contain elevated lead levels.



Photo 26 – Ground level view of the concrete pads and troughs at north end of the section of property with structures.



Photo 27 – The transite pipe located in several debris piles north of the structures were found to contain asbestos.

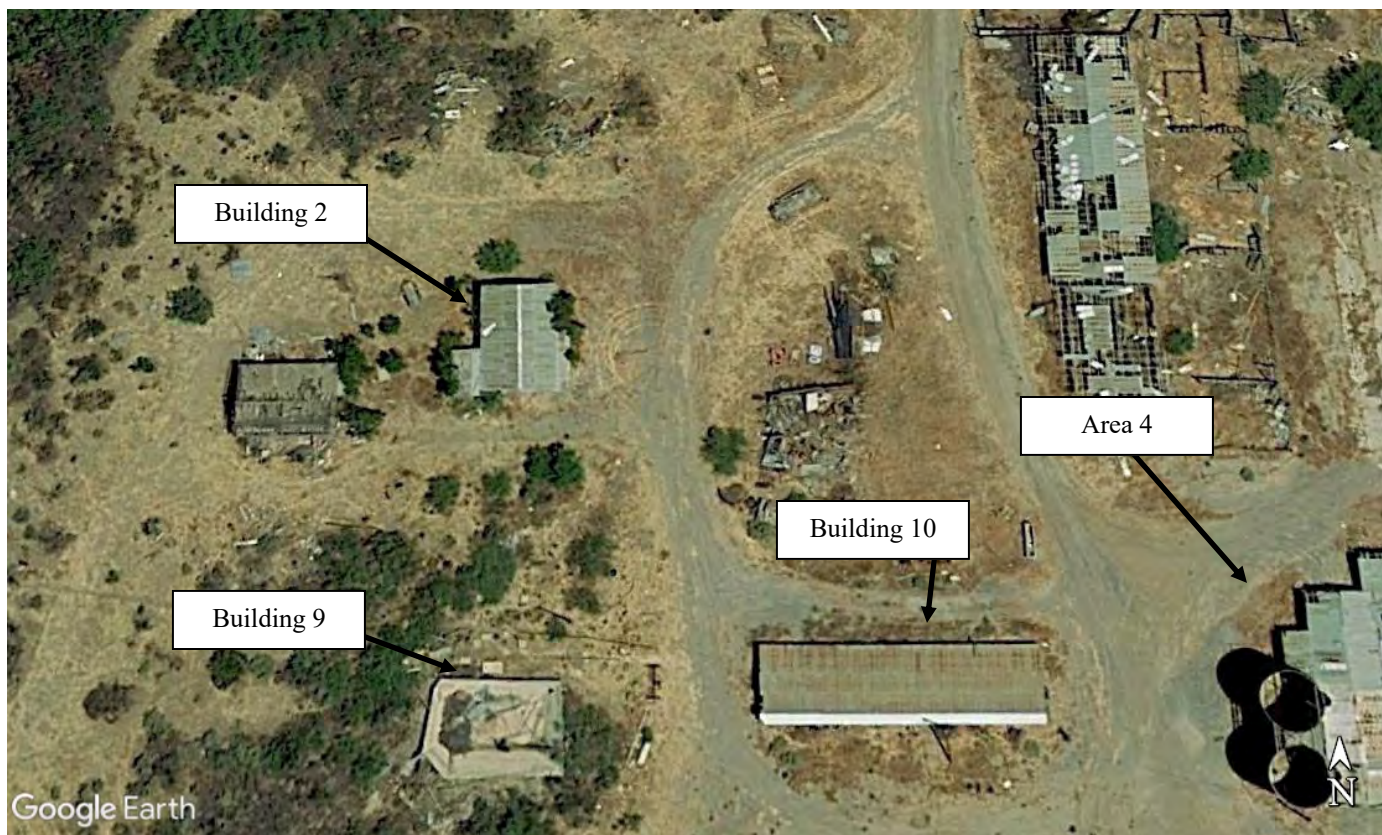


Photo 28 – Satellite photo of building 9 (water basin) and building 10 (barn) located south of building 2 and west of area 4.

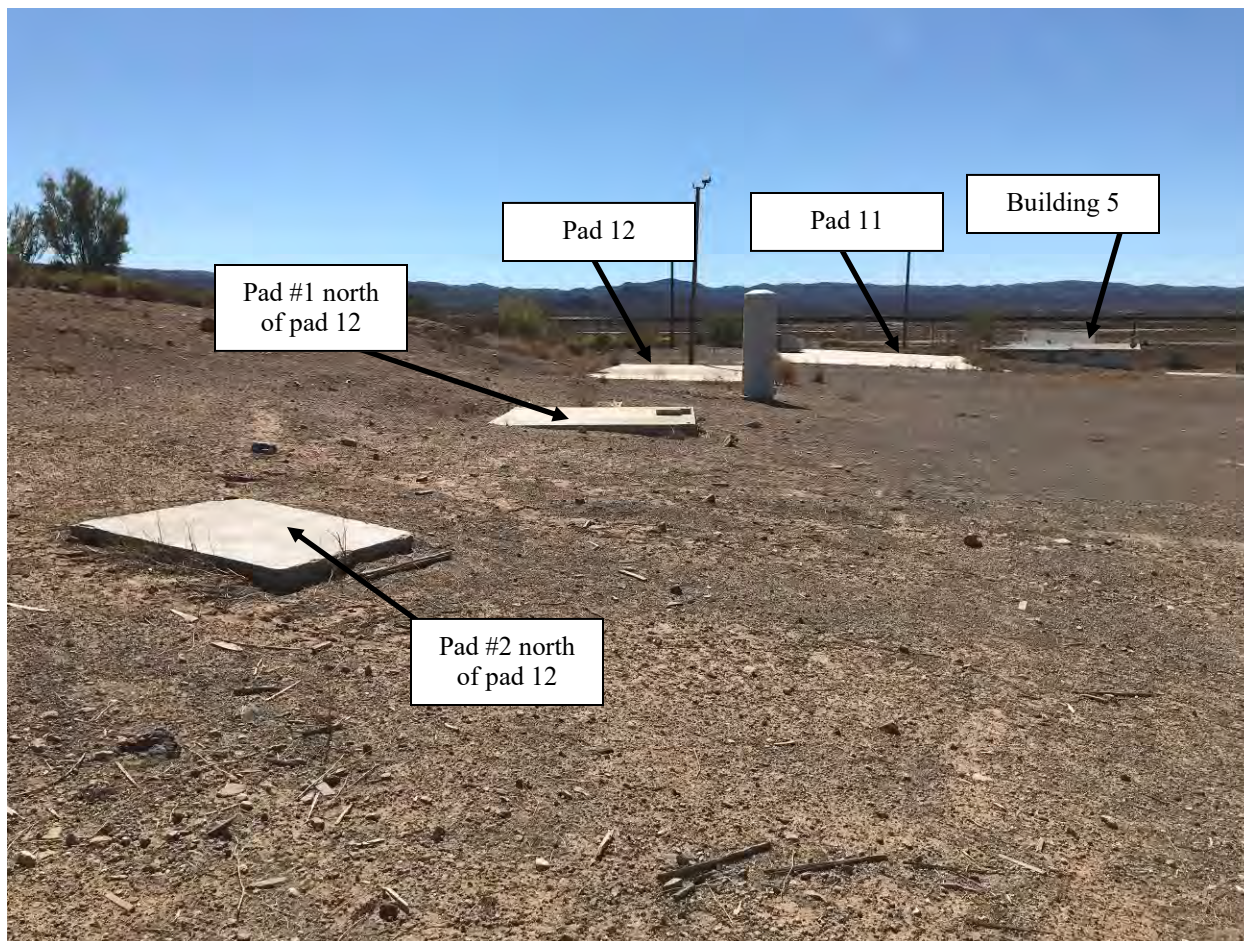


Photo 29 – Ground level photo of pads from demolished structures north of building 5.



Photo 30 – Ground level photo of tank farm on the hill northeast of the structures.



Photo 31 – Ground level photo of small lower tank below the tank farm on the hill northeast of the structures.



Photo 32 – Ground level photo of debris piles that were discovered north of the area where the structures are located. These piles were not included in the scope of the inspection.

Appendix Two – Site Diagrams

Asbestos Bulk Sample Locations (Not to Scale)



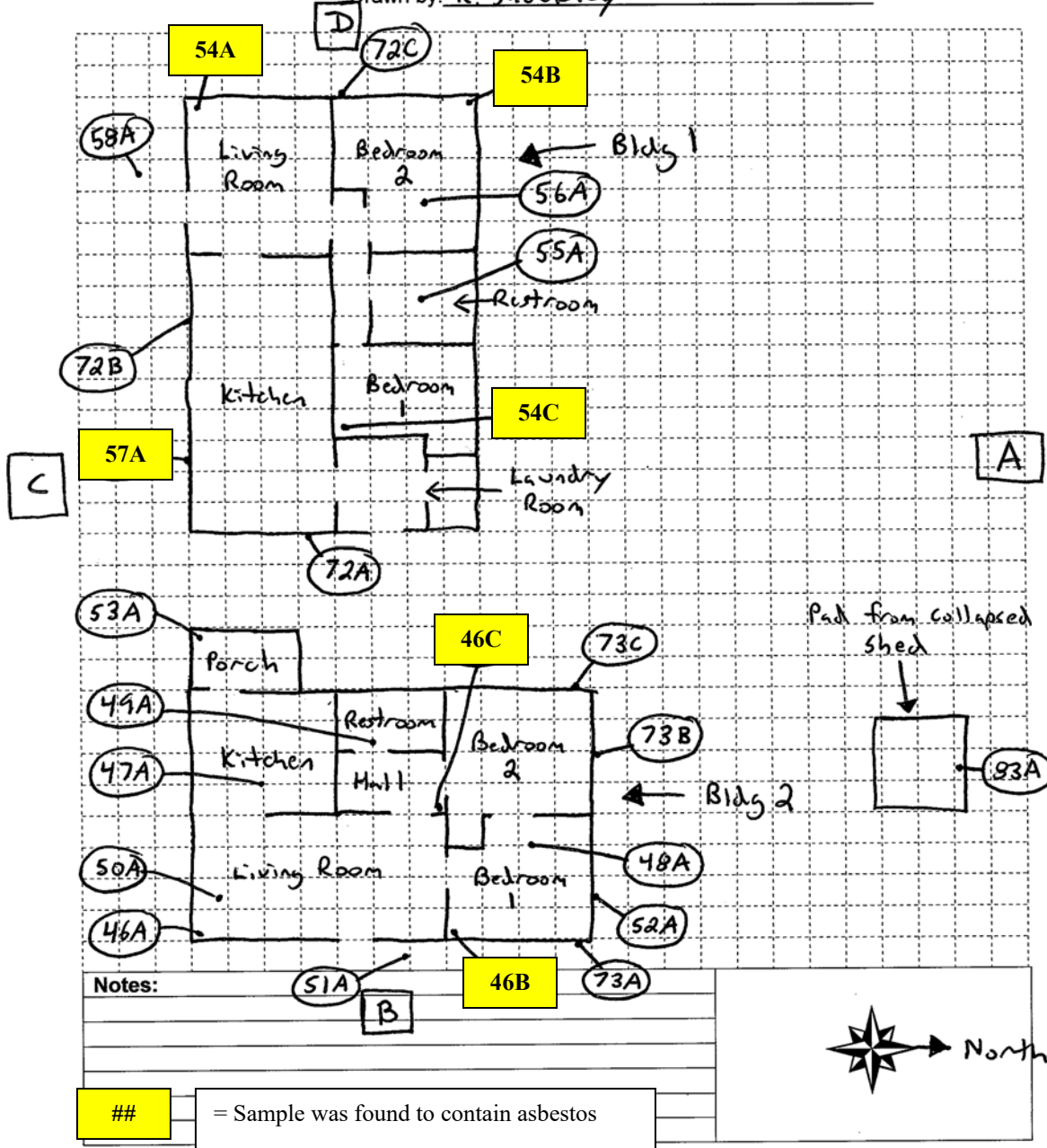
Property Sketch

Address: Building 1 and 2

Project #: _____

Date: _____ Page ____ of ____

Drawn by: R. Shockley





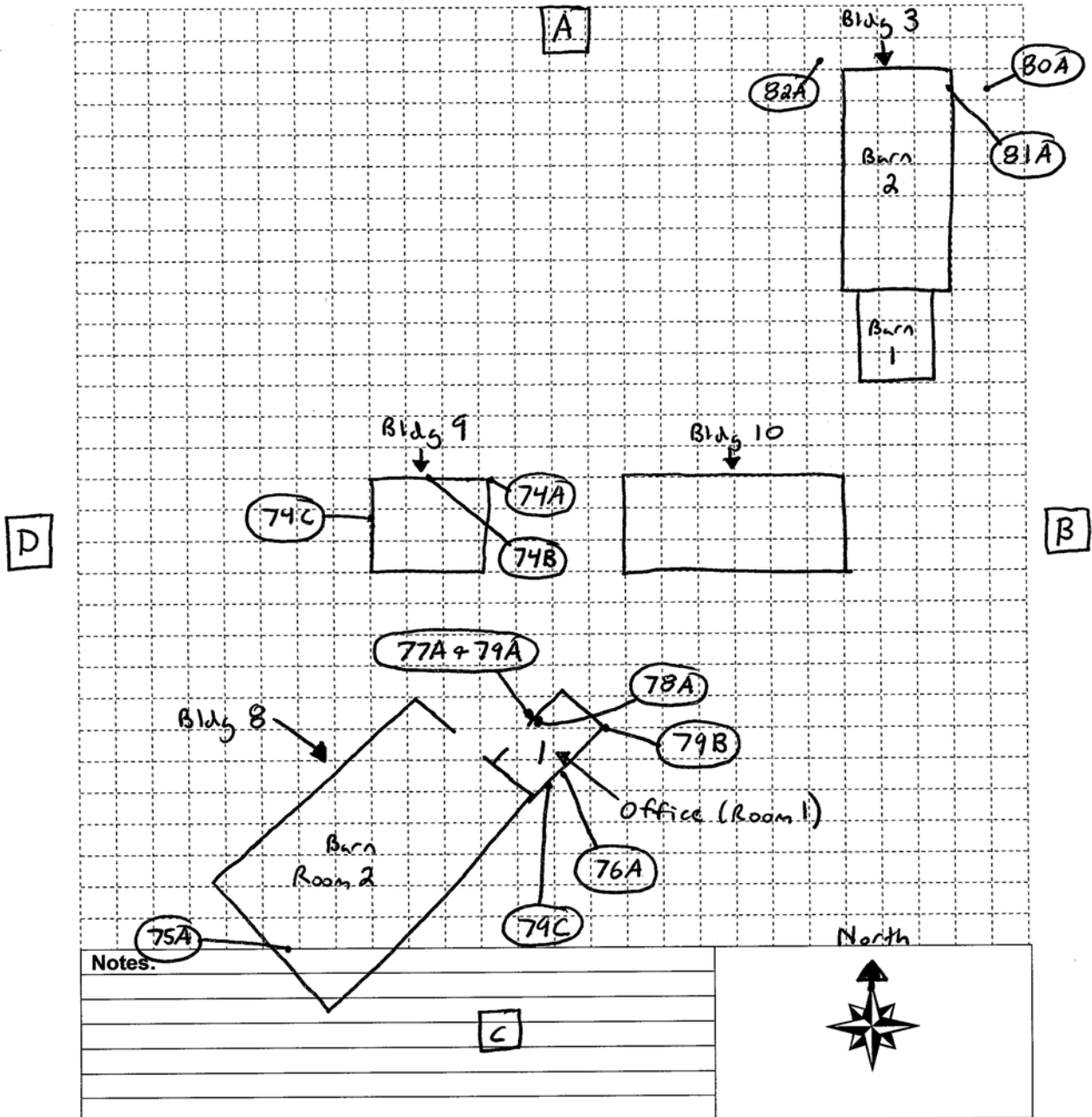
Property Sketch

Address: Buildings 3, 8, 9 and 10

Project #: _____

Date: _____ Page ____ of ____

Drawn by: R. Shockley



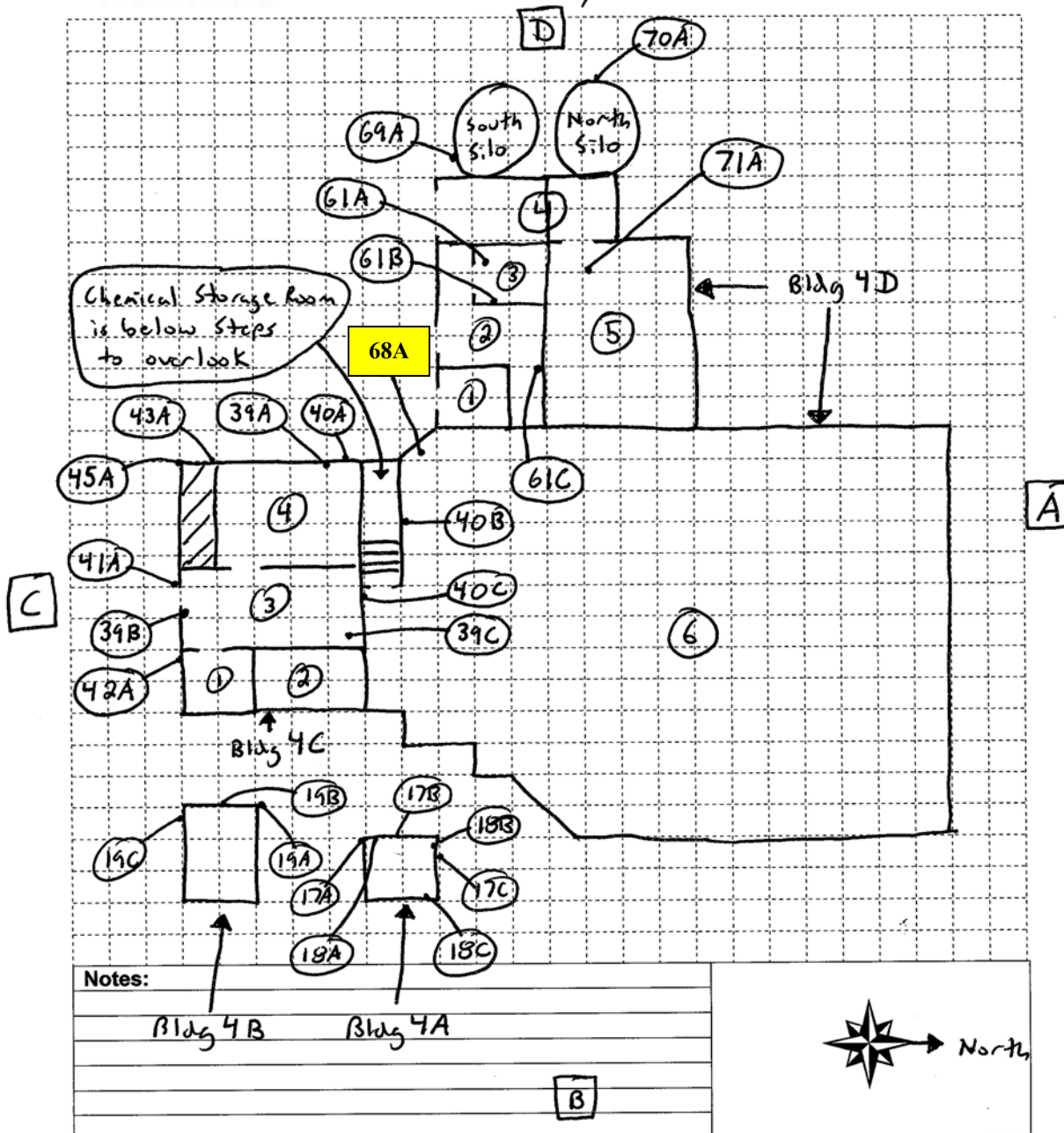
Property Sketch

Address: Area 4 - Blags 4A, 4B, 4C, 4D and Silos

Project #:

Date: _____ Page ____ of ____

Drawn by: R. Shockley



##

= Sample was found to contain asbestos



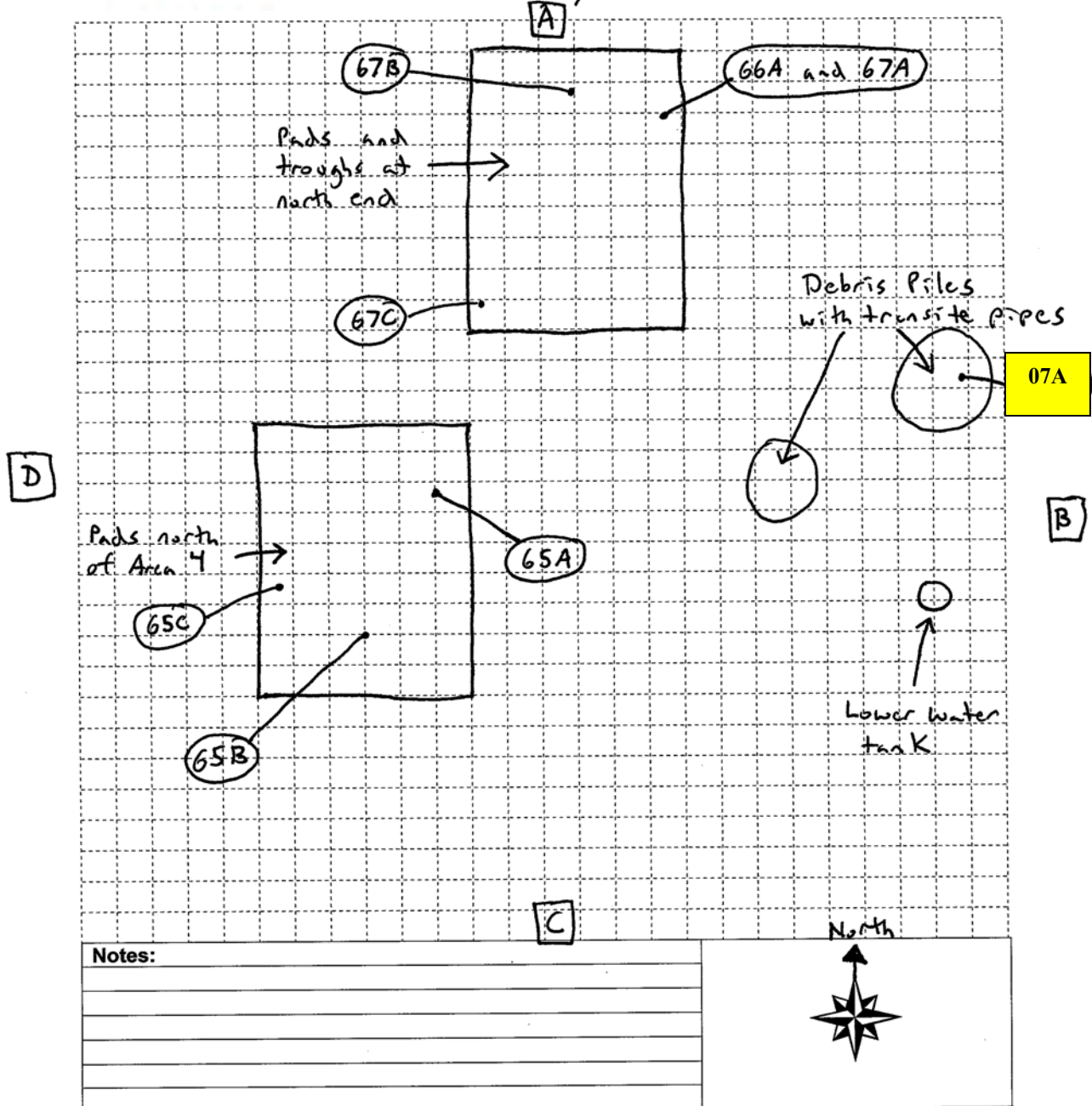
Property Sketch

Address: Pads North of Area 4, Pads and troughs at North End,

Project #: _____ Debris Piles and Lower Tank

Date: _____ Page ____ of ____

Drawn by: R. Shockley



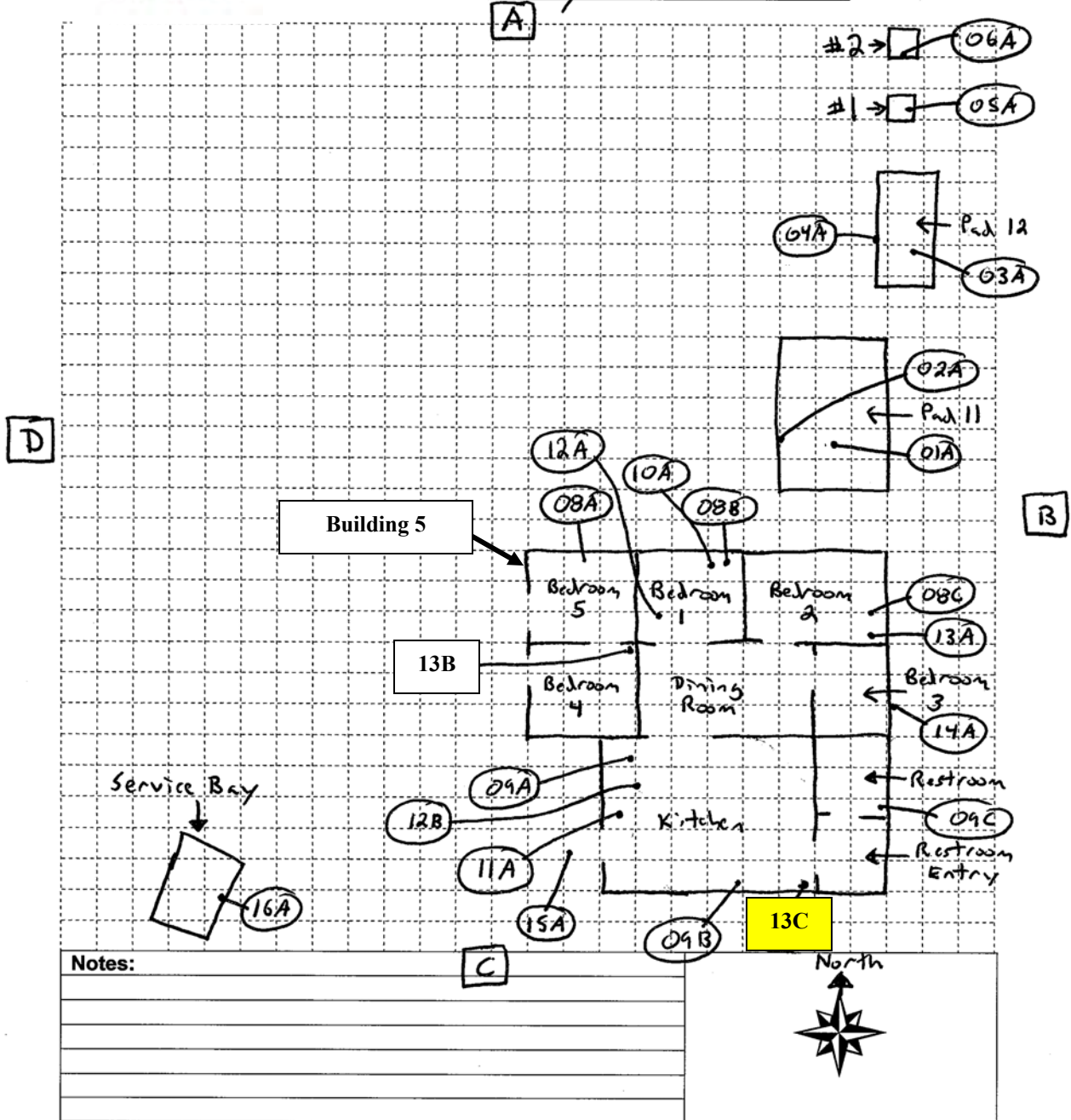
##

= Sample was found to contain asbestos



Property Sketch

Address: Building 5, Pads North of Bldg 5 and
 Project #: Mechanics Bay / Service Bay
 Date: _____ Page ____ of ____
 Drawn by: R. Shockley



Notes:

##

= Sample was found to contain asbestos



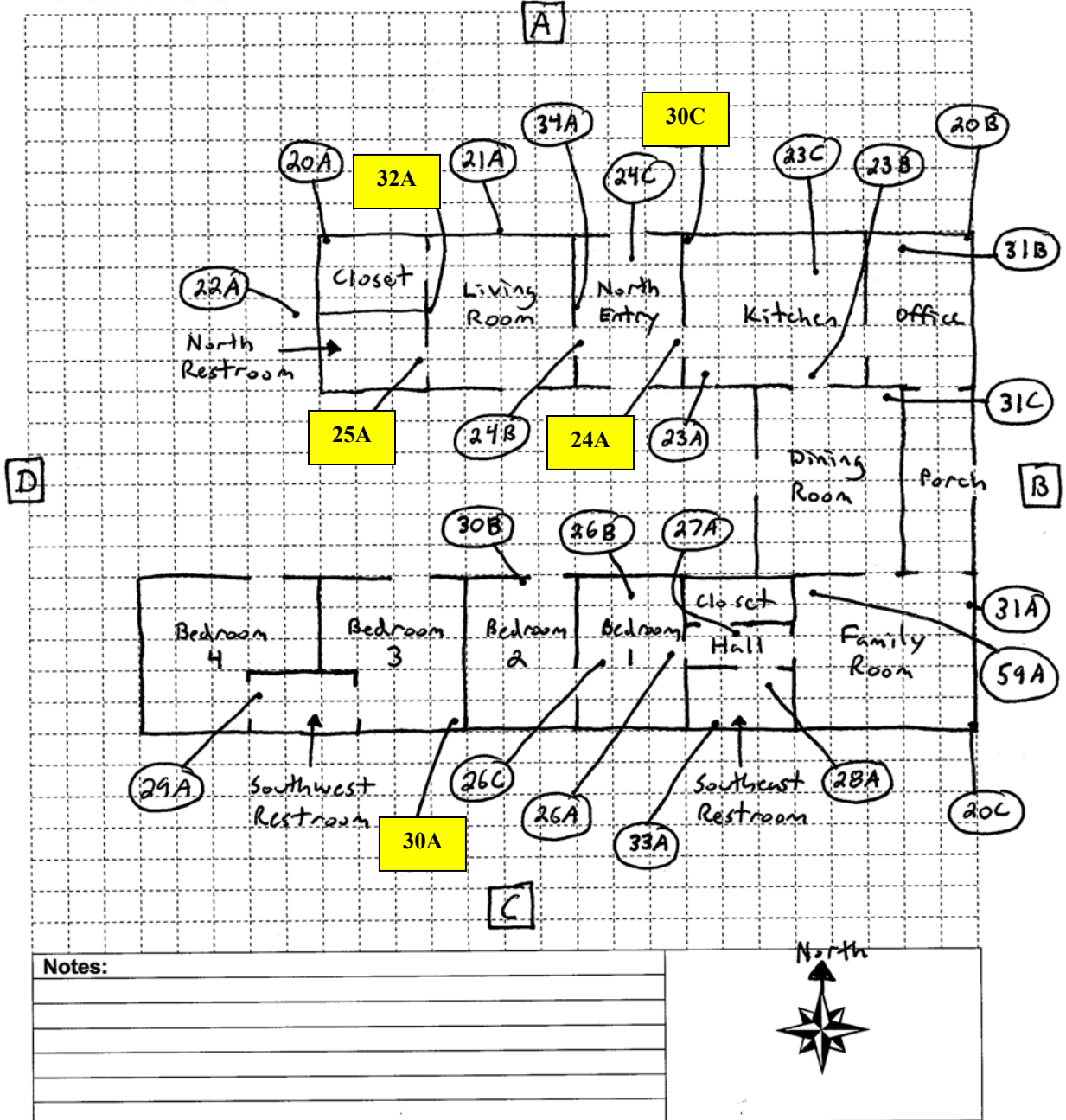
Property Sketch

Address: Building 6

Project #: _____

Date: _____ Page ____ of ____

Drawn by: R. Shockley



Notes:

##

= Sample was found to contain asbestos



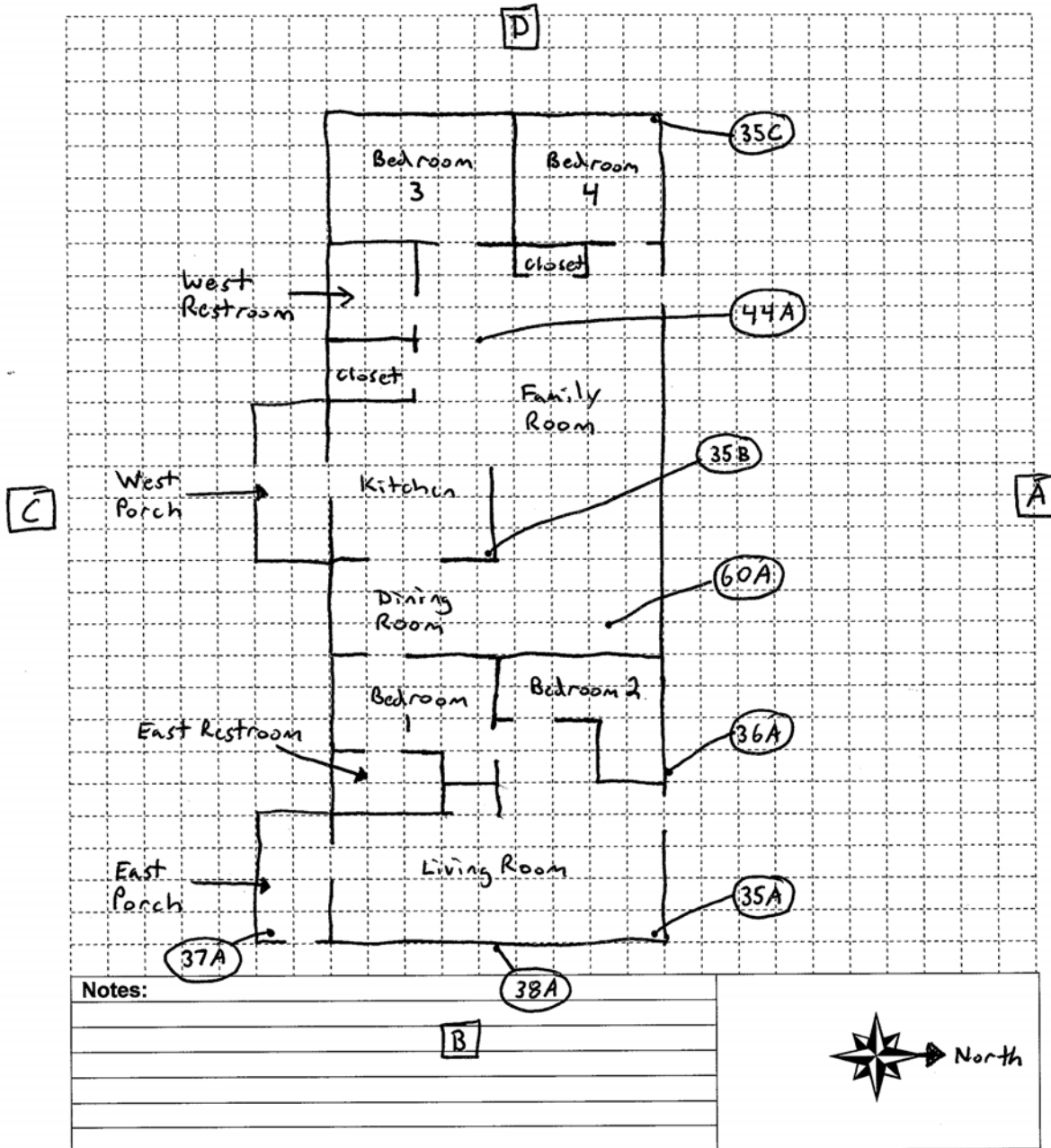
Property Sketch

Address: Building 7

Project #: _____

Date: _____ Page ____ of ____

Drawn by: R. Shockley





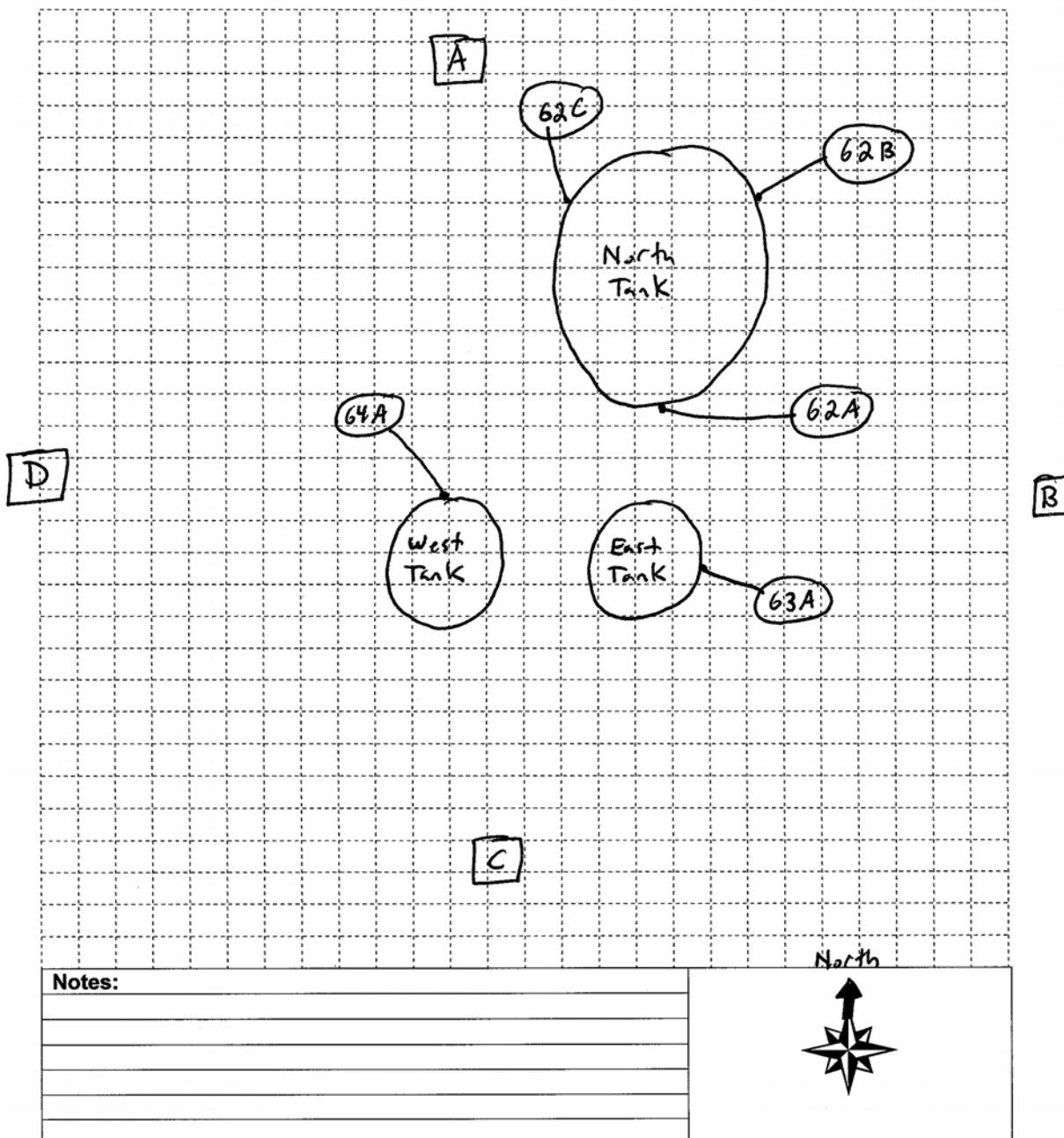
Property Sketch

Address: Tank Farm on Hill Northeast of Buildings

Project #: _____

Date: _____ Page ____ of ____

Drawn by: R. Shackley



Locations of Elevated Lead Levels (Not to Scale)



Property Sketch

Address: Building 1 and 2
 Project #: _____
 Date: _____ Page ____ of ____
 Drawn by: R. Shackley

The windows, window frames, door frames, and wood siding on exterior of the building 1 were all found to contain elevated lead levels.

In building 1 the doors, door frames, windows and window frames in laundry room; and door and window frame in bedroom 2 were found to contain elevated lead levels

The porcelain tub in restroom was found to contain elevated lead levels.

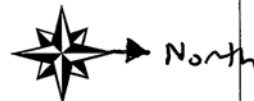
The window frames, eaves and wood siding on exterior of the building 2 were all found to contain elevated lead levels.

Notes:

In building 2 the hall opening and door and door frame in living room; window in kitchen; window, window frame, and window sill in porch; closet door in hall; door in restroom; and window frame on in bedroom 1 were found to contain elevated lead levels

Pad from collapsed shed

93A





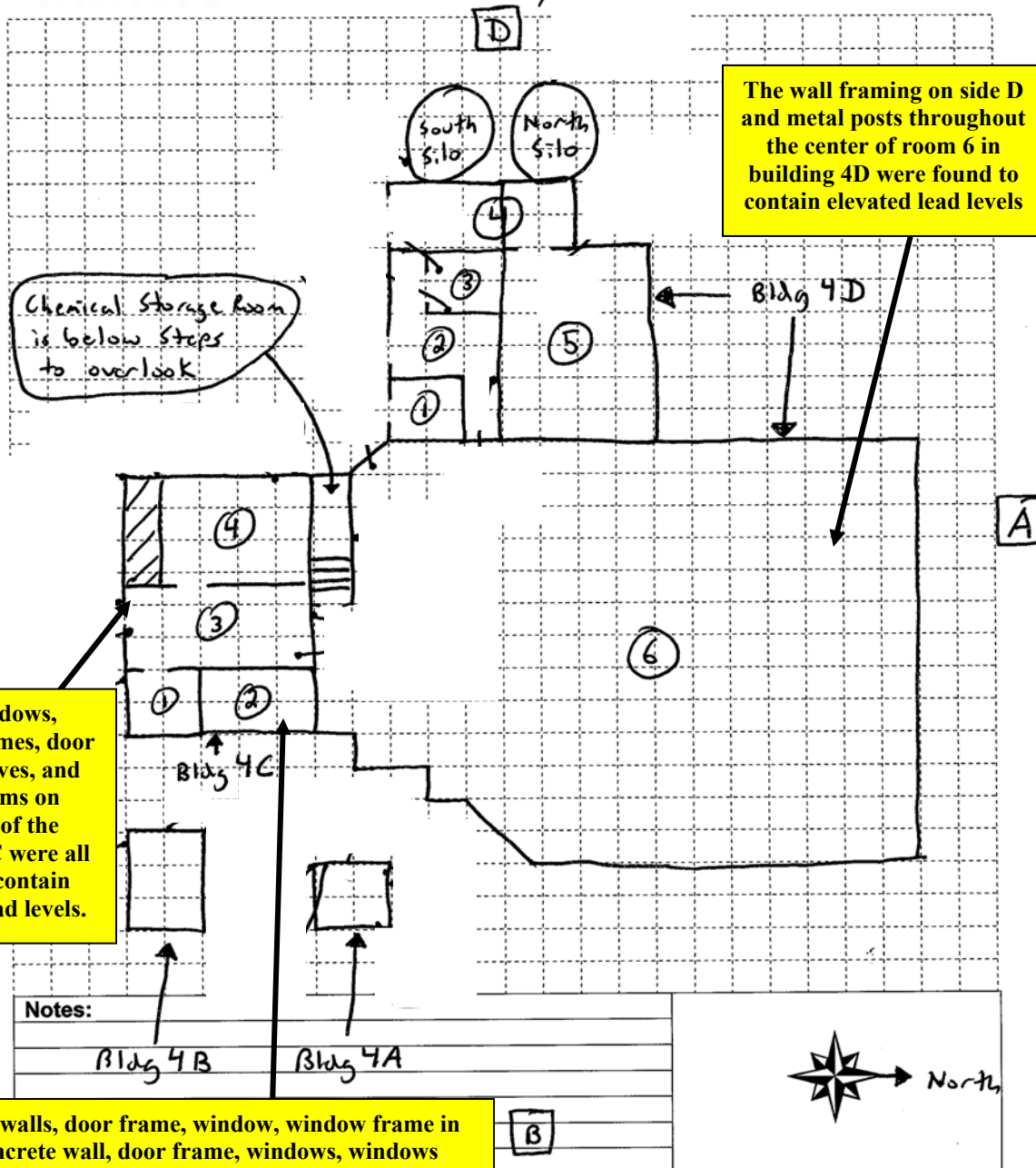
Property Sketch

Address: Area 4 - Bldgs 4A, 4B, 4C, 4D and Silos

Project #: _____

Date: _____ Page ____ of ____

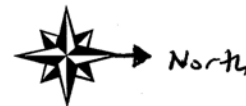
Drawn by: R. Shockley



Notes:

Bldg 4B

Bldg 4A



The windows, window frames, door frames, eaves, and eave beams on exterior of the building 4C were all found to contain elevated lead levels.

The concrete walls, door frame, window, window frame in room 1; concrete wall, door frame, windows, windows frames, and stucco ceiling in room 3; plaster walls and door frame in room 4; windows in chemical storage room; and window frames steps to overlook on inside of building 4C were found to contain elevated lead levels

The wall framing on side D and metal posts throughout the center of room 6 in building 4D were found to contain elevated lead levels



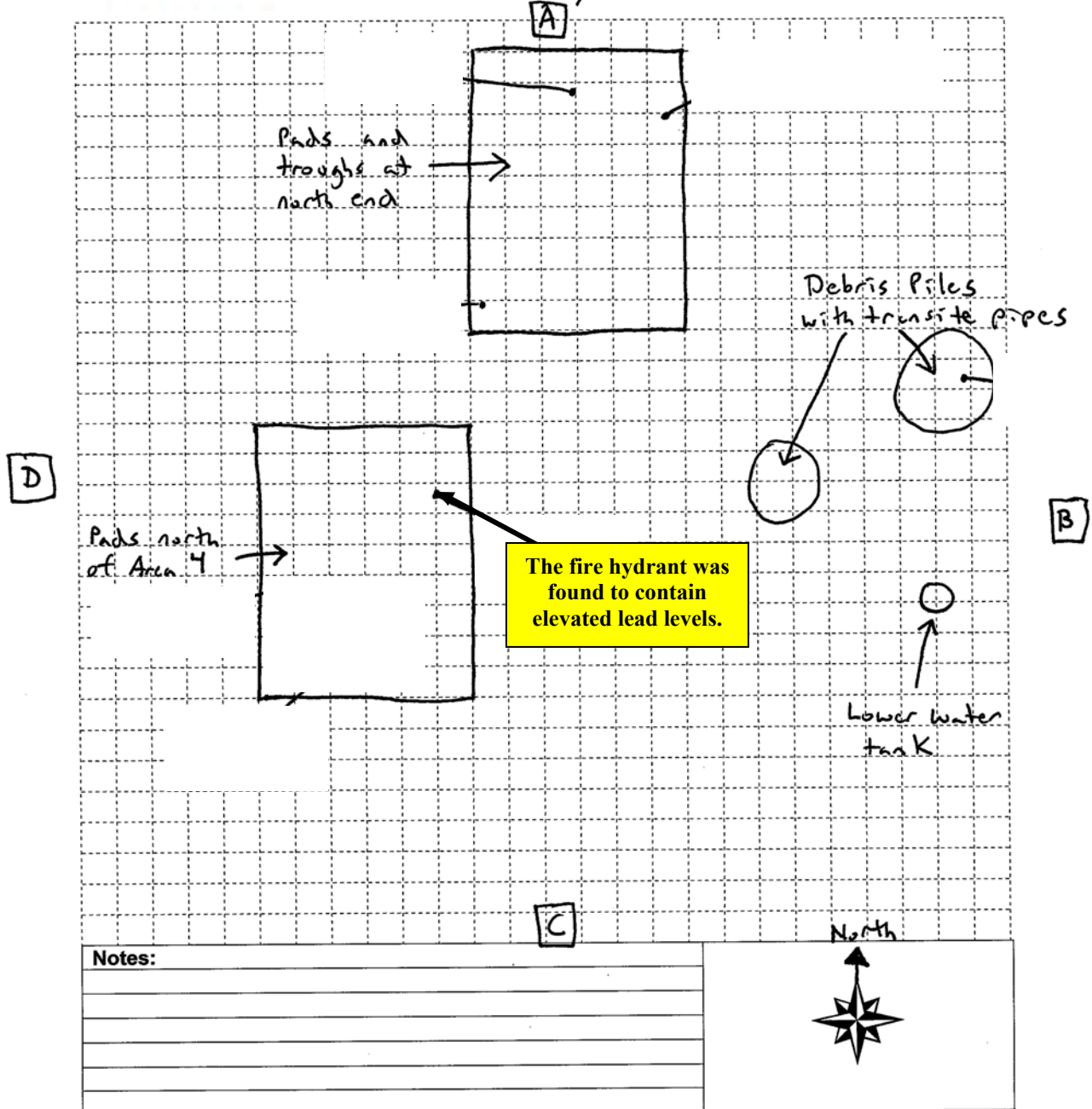
Property Sketch

Address: Pads North of Area 4, Pads and troughs at North End,

Project #: _____ Debris Piles and Lower Tank

Date: _____ Page ____ of ____

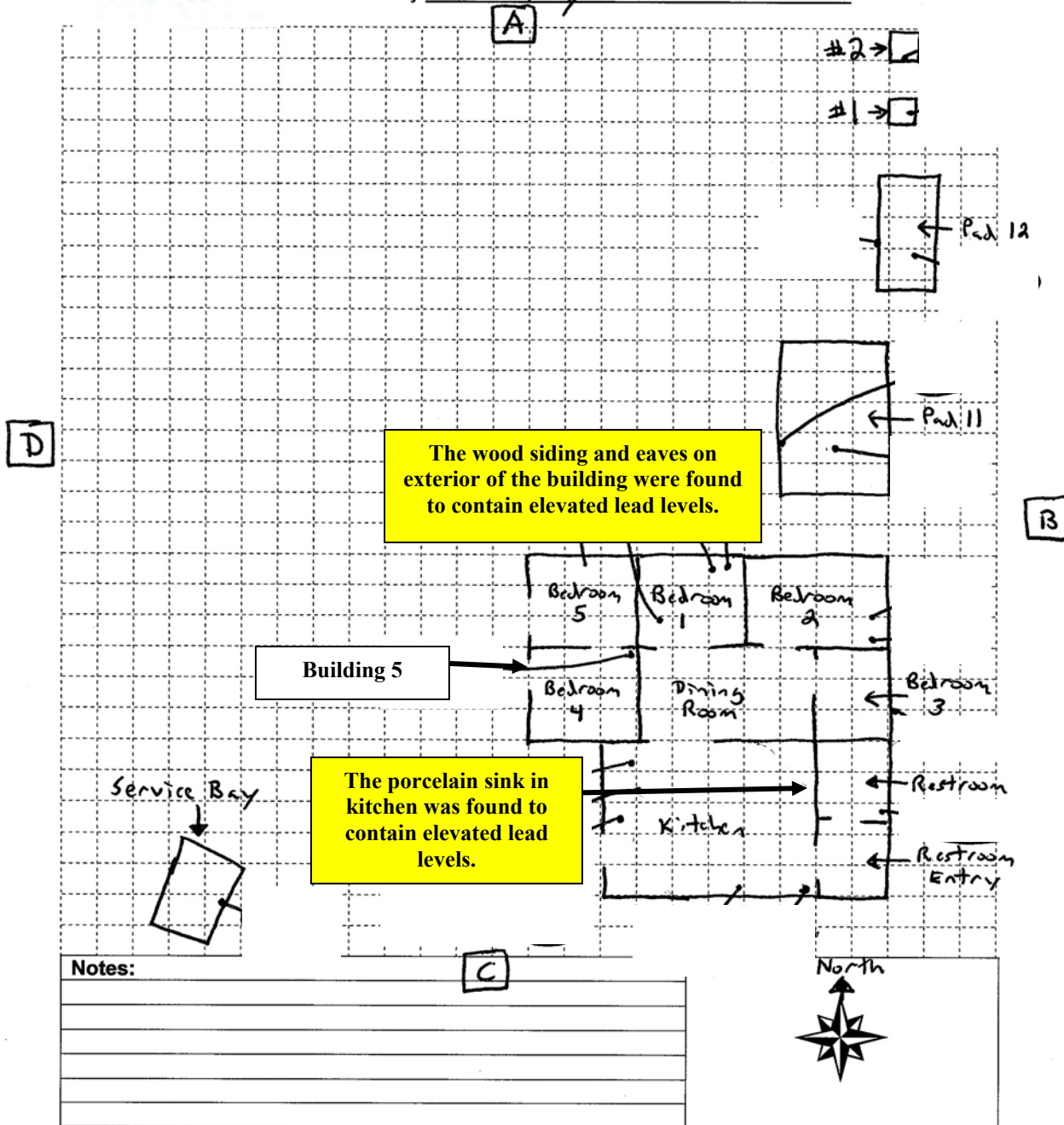
Drawn by: R. Shockley





Property Sketch

Address: Building 5, Pads North of Bldg 5 and
Project #: Mechanics Bay / Service Bay
Date: _____ Page ____ of ____
Drawn by: R. Shockley





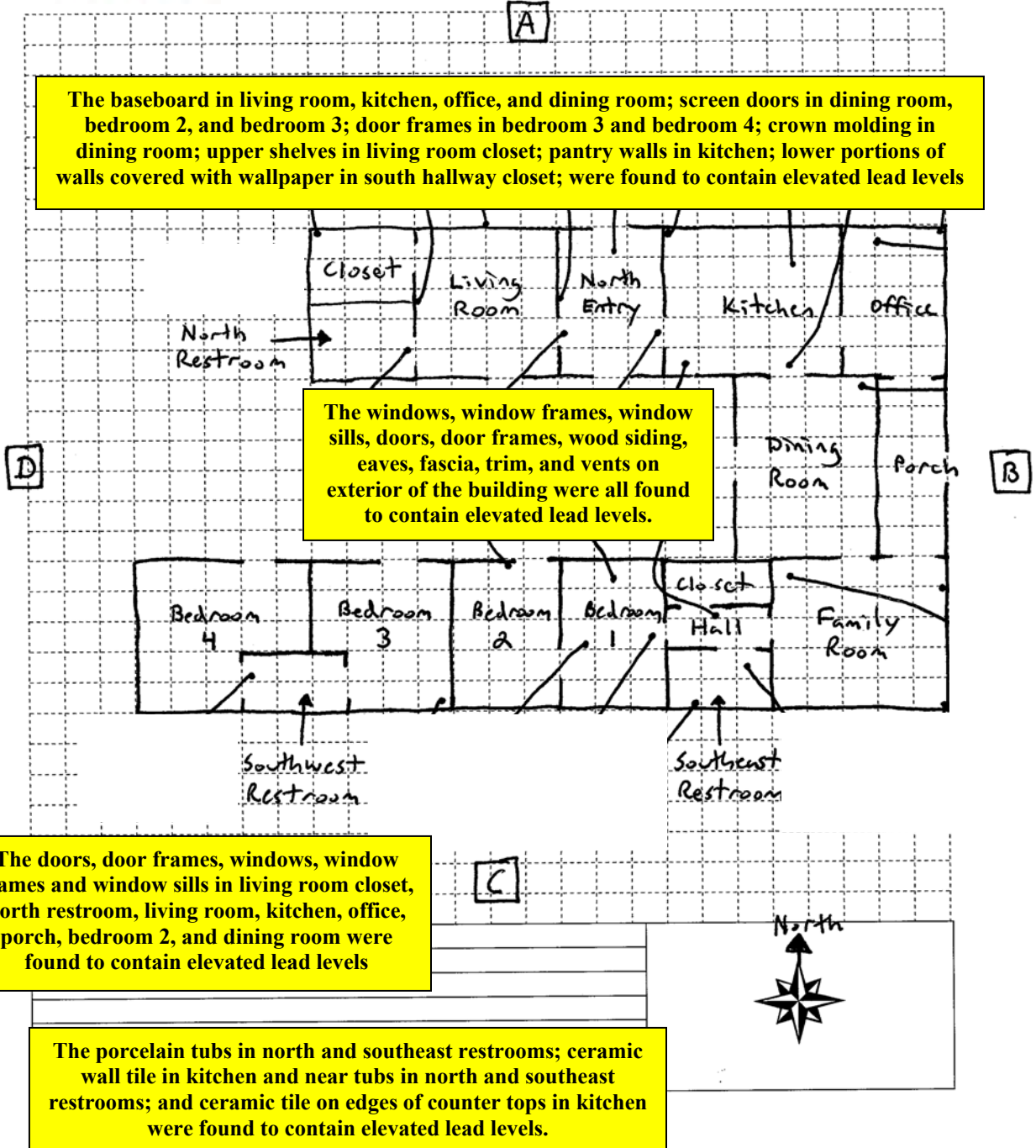
Property Sketch

Address: Building 6

Project #: _____

Date: _____ Page ____ of ____

Drawn by: R. Shockley





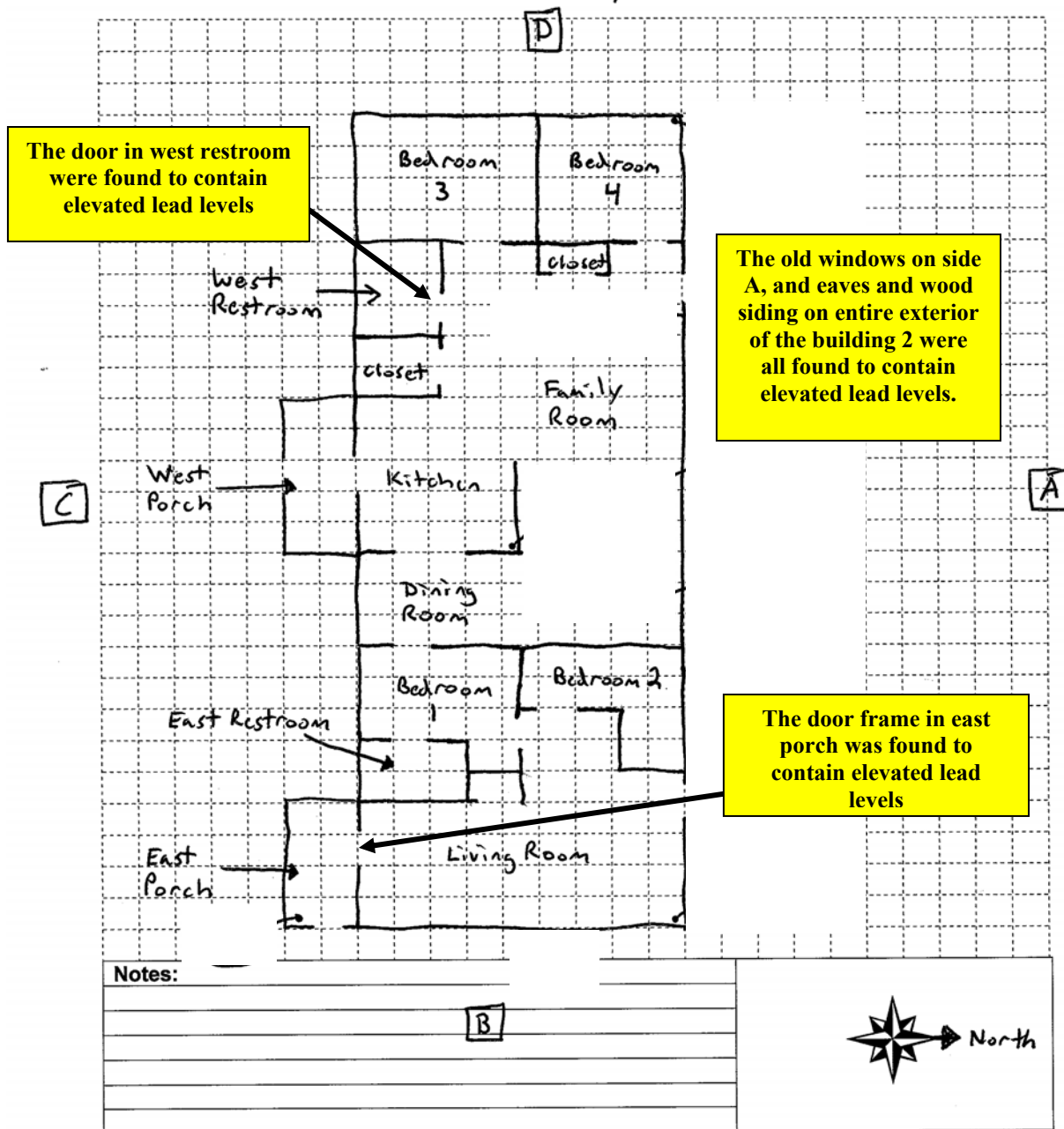
Property Sketch

Address: Building 7

Project #: _____

Date: _____ Page ____ of ____

Drawn by: R. Shockley



Appendix Three – Laboratory Reports of Analysis and Chains of Custody



Report for:

Ms. Karen Shockley
Aurora Industrial Hygiene, Inc.
9666 Businesspark Ave, Suite 102
San Diego, CA 92131

Regarding: Project: 58124- Jacumba Hot Springs; Asbestos Sampling
EML ID: 2028001

Approved by:

A handwritten signature in black ink, appearing to read "Diane M. Green".

Approved Signatory
Diane Green

Dates of Analysis:
Asbestos PLM: 10-23-2018 to 10-25-2018

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the items tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Total Samples Submitted:** 137**Total Samples Analyzed:** 136**Total Samples with Layer Asbestos Content > 1%:** 14**Location: JHS-01A, Concrete**

Lab ID-Version‡: 9568752-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-02A, Concrete

Lab ID-Version‡: 9568753-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-03A, Concrete

Lab ID-Version‡: 9568754-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-04A, Concrete

Lab ID-Version‡: 9568755-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-05A, Concrete**

Lab ID-Version‡: 9568756-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-06A, Concrete

Lab ID-Version‡: 9568757-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-07A, Transite pipe

Lab ID-Version‡: 9568758-1

Sample Layers	Asbestos Content
Gray Transite	17% Chrysotile 3% Crocidolite
Sample Composite Homogeneity: Good	

Location: JHS-08A, Layered roofing

Lab ID-Version‡: 9568759-1

Sample Layers	Asbestos Content
Black Roofing Material	ND
Black Roofing Tar	ND
Black Roofing Material	ND
Black Roofing Tar	ND
Black Tar Paper	ND
Composite Non-Asbestos Content:	25% Glass Fibers 15% Cellulose
Sample Composite Homogeneity: Poor	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-08B, Layered roofing**

Lab ID-Version‡: 9568760-1

Sample Layers	Asbestos Content
Black Roofing Material	ND
Black Roofing Tar	ND
Black Roofing Material	ND
Black Roofing Tar	ND
Black Tar Paper	ND
Composite Non-Asbestos Content:	25% Glass Fibers 20% Cellulose
Sample Composite Homogeneity:	Poor

Location: JHS-08C, Layered roofing

Lab ID-Version‡: 9568761-1

Sample Layers	Asbestos Content
Black Roofing Material	ND
Black Roofing Tar	ND
Composite Non-Asbestos Content:	40% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: JHS-09A, Roof shingles

Lab ID-Version‡: 9568762-1

Sample Layers	Asbestos Content
Black Roofing Material	ND
Black Roofing Tar	ND
Black Roofing Material	ND
Black Roofing Tar	ND
Composite Non-Asbestos Content:	40% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: JHS-09B, Roof shingles

Lab ID-Version‡: 9568763-1

Sample Layers	Asbestos Content
Black Roofing Material	ND
Black Roofing Tar	ND
Black Roofing Material	ND
Black Roofing Tar	ND
Composite Non-Asbestos Content:	40% Glass Fibers
Sample Composite Homogeneity:	Poor

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-09C, Roof shingles**

Lab ID-Version‡: 9568764-1

Sample Layers	Asbestos Content
Black Roofing Material	ND
Black Roofing Tar	ND
Composite Non-Asbestos Content:	40% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: JHS-10A, Roof mastic

Lab ID-Version‡: 9568765-1

Sample Layers	Asbestos Content
Black Roofing Mastic	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: JHS-11A, Roof mastic

Lab ID-Version‡: 9568766-1

Sample Layers	Asbestos Content
Black Roofing Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Good

Location: JHS-12A, Floor tile and mastic

Lab ID-Version‡: 9568767-1

Sample Layers	Asbestos Content
Light Brown Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-12B, Floor tile and mastic**

Lab ID-Version‡: 9568768-1

Sample Layers	Asbestos Content
Light Brown Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: JHS-13A, Drywall and joint compound

Lab ID-Version‡: 9568770-1

Sample Layers	Asbestos Content
White Joint Compound with Yellow Woven Material (Mesh) and Paint	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	7% Cellulose 3% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: JHS-13B, Drywall and joint compound

Lab ID-Version‡: 9568771-1

Sample Layers	Asbestos Content
White Joint Compound with Yellow Woven Material (Mesh) and Paint	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	7% Cellulose 3% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: JHS-13C, Drywall and joint compound

Lab ID-Version‡: 9568772-1

Sample Layers	Asbestos Content
White Compound /Off-White Compound	2% Chrysotile
Yellow Woven Material (Mesh)	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	7% Cellulose 3% Glass Fibers
Sample Composite Homogeneity:	Poor

Comments: Some layers in the sample were inseparable without cross contamination.

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-14A, Window putty**

Lab ID-Version‡: 9568773-1

Sample Layers	Asbestos Content
White Window Putty	ND
Sample Composite Homogeneity: Good	

Location: JHS-15A, Concrete

Lab ID-Version‡: 9568774-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-16A, Concrete

Lab ID-Version‡: 9568775-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-17A, Exterior stucco

Lab ID-Version‡: 9568776-1

Sample Layers	Asbestos Content
Gray Stucco	ND
Sample Composite Homogeneity: Good	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-17B, Exterior stucco**

Lab ID-Version‡: 9568777-1

Sample Layers	Asbestos Content
Gray Stucco	ND
Sample Composite Homogeneity:	Good

Location: JHS-17C, Exterior stucco

Lab ID-Version‡: 9568778-1

Sample Layers	Asbestos Content
Gray Stucco	ND
Sample Composite Homogeneity:	Good

Location: JHS-18A, Vapor barrier tar paper

Lab ID-Version‡: 9568779-1

Sample Layers	Asbestos Content
Dark Brown Fibrous Material	ND
Composite Non-Asbestos Content:	80% Cellulose
Sample Composite Homogeneity:	Good

Location: JHS-18B, Vapor barrier tar paper

Lab ID-Version‡: 9568780-1

Sample Layers	Asbestos Content
Dark Brown Fibrous Material	ND
Composite Non-Asbestos Content:	80% Cellulose
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-18C, Vapor barrier tar paper**

Lab ID-Version‡: 9568781-1

Sample Layers	Asbestos Content
Dark Brown Fibrous Material	ND
Composite Non-Asbestos Content:	80% Cellulose
Sample Composite Homogeneity:	Good

Location: JHS-19A, Exterior stucco

Lab ID-Version‡: 9568782-1

Sample Layers	Asbestos Content
Gray Stucco	ND
Sample Composite Homogeneity:	Good

Location: JHS-19B, Exterior stucco

Lab ID-Version‡: 9568783-1

Sample Layers	Asbestos Content
Gray Stucco	ND
Sample Composite Homogeneity:	Good

Location: JHS-19C, Exterior stucco

Lab ID-Version‡: 9568784-1

Sample Layers	Asbestos Content
Gray Stucco	ND
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-20A, Roof shingles**

Lab ID-Version‡: 9568785-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Black Roofing Tar	ND
Black Roofing Shingle	ND
Black Roofing Tar	ND
Composite Non-Asbestos Content:	35% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: JHS-20B, Roof shingles

Lab ID-Version‡: 9568786-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Black Roofing Tar	ND
Composite Non-Asbestos Content:	35% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: JHS-20C, Roof shingles

Lab ID-Version‡: 9568787-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Black Roofing Tar	ND
Composite Non-Asbestos Content:	35% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: JHS-21A, Window putty

Lab ID-Version‡: 9568788-1

Sample Layers	Asbestos Content
White Window Putty	ND
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-22A, Concrete**

Lab ID-Version‡: 9568789-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity:	Good

Location: JHS-22B

Lab ID-Version‡: 9568790-1

Sample Layers	Asbestos Content
White Compound	ND
Sample Composite Homogeneity:	Good

Location: JHS-22C

Lab ID-Version‡: 9570768-1

Sample Layers	Asbestos Content
White Compound	ND
Sample Composite Homogeneity:	Good

Location: JHS-23A, Floor tile and mastic

Lab ID-Version‡: 9570769-1

Sample Layers	Asbestos Content
Cream Flooring	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	1% Cellulose
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-23B, Floor tile and mastic**

Lab ID-Version‡: 9568791-1

Sample Layers	Asbestos Content
Cream Flooring	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	1% Cellulose
Sample Composite Homogeneity:	Moderate

Location: JHS-23C, Floor tile and mastic

Lab ID-Version‡: 9568792-1

Sample Layers	Asbestos Content
Cream Flooring	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	1% Cellulose
Sample Composite Homogeneity:	Moderate

Location: JHS-24A, Sheet flooring

Lab ID-Version‡: 9568793-1

Sample Layers	Asbestos Content
Cream Sheet Flooring	ND
Black Mastic	2% Chrysotile
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

Location: JHS-24B, Sheet flooring

Lab ID-Version‡: 9568794-1

Sample Layers	Asbestos Content
Cream Sheet Flooring	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-24C, Sheet flooring**

Lab ID-Version‡: 9568795-1

Sample Layers	Asbestos Content
Cream Sheet Flooring	ND
Black Mastic	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

Location: JHS-25A, Sheet flooring

Lab ID-Version‡: 9568796-1

Sample Layers	Asbestos Content
Yellow Sheet Flooring with Fibrous Backing	30% Chrysotile
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

Location: JHS-26A, Sheet flooring

Lab ID-Version‡: 9568797-1

Sample Layers	Asbestos Content
Off-White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	30% Cellulose
Sample Composite Homogeneity:	Good

Location: JHS-26B, Sheet flooring

Lab ID-Version‡: 9568798-1

Sample Layers	Asbestos Content
Off-White Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	30% Cellulose
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-26C, Sheet flooring**

Lab ID-Version‡: 9568799-1

Sample Layers	Asbestos Content
Off-White Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	30% Cellulose
Sample Composite Homogeneity:	Good

Location: JHS-27A, Floor tile and mastic

Lab ID-Version‡: 9568800-1

Sample Layers	Asbestos Content
Beige Flooring	ND
Yellow Mastic	ND
Black Tar Paper	ND
Composite Non-Asbestos Content:	40% Cellulose
Sample Composite Homogeneity:	Moderate

Location: JHS-28A, Floor tile and mastic

Lab ID-Version‡: 9568801-1

Sample Layers	Asbestos Content
Beige Flooring	ND
Semi-Transparent Mastic	ND
Sample Composite Homogeneity:	Good

Location: JHS-29A, Sheet flooring

Lab ID-Version‡: 9568802-1

Sample Layers	Asbestos Content
Off-White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	30% Cellulose
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-30A, Drywall and joint compound**

Lab ID-Version‡: 9568803-1

Sample Layers	Asbestos Content
Off-White Compound with Paint	2% Chrysotile
Cream Tape	ND
Off-White Joint Compound	2% Chrysotile
White Drywall with Brown Paper	ND
Composite Asbestos Fibrous Content:	< 1% Asbestos
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Poor

Comments: Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided for this analysis has been performed by following the NESHAP guidelines.

Location: JHS-30B, Drywall and joint compound

Lab ID-Version‡: 9568804-1

Sample Layers	Asbestos Content
White Compound with Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Poor

Location: JHS-30C, Drywall and joint compound

Lab ID-Version‡: 9568805-1

Sample Layers	Asbestos Content
Off-White Wallpaper	ND
Off-White Compound with Paint	2% Chrysotile
Cream Tape	ND
Off-White Joint Compound	2% Chrysotile
White Drywall with Brown Paper	ND
Composite Asbestos Fibrous Content:	< 1% Asbestos
Composite Non-Asbestos Content:	17% Cellulose
Sample Composite Homogeneity:	Poor

Comments: Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided for this analysis has been performed by following the NESHAP guidelines.

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-31A, Stucco**

Lab ID-Version‡: 9568806-1

Sample Layers	Asbestos Content
Off-White Stucco with Paint	ND
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-31B, Stucco**

Lab ID-Version‡: 9568808-1

Sample Layers	Asbestos Content
Off-White Stucco with Paint	ND
Sample Composite Homogeneity:	Good

Location: JHS-31C, Stucco

Lab ID-Version‡: 9568809-1

Sample Layers	Asbestos Content
Off-White Stucco with Paint	ND
Sample Composite Homogeneity:	Good

Location: JHS-32A, Wall panel mastic

Lab ID-Version‡: 9568807-1

Sample Layers	Asbestos Content
Black Mastic	3% Chrysotile
Sample Composite Homogeneity:	Good

Location: JHS-33A, Wall panel mastic

Lab ID-Version‡: 9568810-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc. Date of Sampling: 10-17-2018
C/O: Ms. Karen Shockley Date of Receipt: 10-23-2018
Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT

Location: JHS-34A, Fiber board

Lab ID-Version‡: 9568811-1

Sample Layers	Asbestos Content
Off-White Woven Material with Paint	ND
White Plaster -Like Material	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: JHS-35A, Drywall and joint compound

Lab ID-Version‡: 9568812-1

Sample Layers	Asbestos Content
White Joint Compound with Yellow Woven Material (Mesh) and Paint	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	7% Cellulose 3% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: JHS-35B, Drywall and joint compound

Lab ID-Version‡: 9568813-1

Sample Layers	Asbestos Content
White Compound with Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Poor

Location: JHS-35C, Drywall and joint compound

Lab ID-Version‡: 9568814-1

Sample Layers	Asbestos Content
White Compound with Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Poor

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-36A, Window putty**

Lab ID-Version‡: 9568815-1

Sample Layers	Asbestos Content
White Window Putty	ND
Sample Composite Homogeneity:	Good

Location: JHS-37A, Layered roofing

Lab ID-Version‡: 9568816-1

Sample Layers	Asbestos Content
Black Roofing Mastic	ND
Composite Non-Asbestos Content:	35% Glass Fibers
Sample Composite Homogeneity:	Good

Location: JHS-38A, Concrete

Lab ID-Version‡: 9568817-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity:	Good

Location: JHS-39A, Stucco

Lab ID-Version‡: 9568818-1

Sample Layers	Asbestos Content
White Compound	ND
Gray Stucco	ND
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-39B, Stucco**

Lab ID-Version‡: 9568819-1

Sample Layers	Asbestos Content
White Compound	ND
Gray Stucco	ND
Sample Composite Homogeneity: Moderate	

Location: JHS-39C, Stucco

Lab ID-Version‡: 9568820-1

Sample Layers	Asbestos Content
White Compound	ND
Sample Composite Homogeneity: Good	

Location: JHS-40A, Stucco

Lab ID-Version‡: 9568821-1

Sample Layers	Asbestos Content
Gray Stucco	ND
Sample Composite Homogeneity: Good	

Location: JHS-40B, Stucco

Lab ID-Version‡: 9568822-1

Sample Layers	Asbestos Content
Gray Stucco	ND
Sample Composite Homogeneity: Good	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-40C, Stucco**

Lab ID-Version‡: 9568823-1

Sample Layers	Asbestos Content
Gray Stucco	ND
Sample Composite Homogeneity: Good	

Location: JHS-41A, Concrete

Lab ID-Version‡: 9568824-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-42A, Window putty

Lab ID-Version‡: 9568825-1

Sample Layers	Asbestos Content
White Window Putty	ND
Sample Composite Homogeneity: Good	

Location: JHS-43A, Cinder block and mortar

Lab ID-Version‡: 9568826-1

Sample Layers	Asbestos Content
Red Cementitious Material	ND
Gray Cementitious Material	ND
Sample Composite Homogeneity: Moderate	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-44A, Tile grout**

Lab ID-Version‡: 9568827-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity:	Good

Location: JHS-45A, Int. wall insulation

Lab ID-Version‡: 9568828-1

Sample Layers	Asbestos Content
Brown Non-Fibrous Material	ND
Black Tar	ND
Sample Composite Homogeneity:	Good

Location: JHS-46A, Drywall and joint compound

Lab ID-Version‡: 9568829-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Tape	ND
White Joint Compound with Paint	ND
Composite Non-Asbestos Content:	10% Cellulose 3% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: JHS-46B, Drywall and joint compound

Lab ID-Version‡: 9568830-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Off-White Joint Compound	2% Chrysotile
Cream Tape	ND
Off-White Compound with Paint	2% Chrysotile
Composite Asbestos Fibrous Content:	< 1% Asbestos
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Comments: Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided for this analysis has been performed by following the NESHAP guidelines.

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-46C, Drywall and joint compound**

Lab ID-Version‡: 9568831-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Off-White Joint Compound	2% Chrysotile
Cream Tape	ND
Off-White Compound with Paint	2% Chrysotile
Composite Asbestos Fibrous Content:	< 1% Asbestos
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Comments: Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided for this analysis has been performed by following the NESHAP guidelines.

Location: JHS-47A, Floor tile and mastic

Lab ID-Version‡: 9568832-1

Sample Layers	Asbestos Content
Beige Floor Tile	ND
Yellow Mastic	ND
Beige Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

Location: JHS-48A, Floor tile and mastic

Lab ID-Version‡: 9568833-1

Sample Layers	Asbestos Content
Beige Floor Tile	ND
Yellow Mastic	ND
Beige Fibrous Material	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Good

Location: JHS-49A, Sheet flooring

Lab ID-Version‡: 9568834-1

Sample Layers	Asbestos Content
Beige Sheet Flooring	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-50A, Cinder block and mortar**

Lab ID-Version‡: 9568835-1

Sample Layers	Asbestos Content
Gray Mortar	ND
Sample Composite Homogeneity:	Good

Location: JHS-51A, Concrete

Lab ID-Version‡: 9568836-1

Sample Layers	Asbestos Content
Gray/Black Concrete	ND
Beige Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: JHS-52A, Window putty

Lab ID-Version‡: 9568837-1

Sample Layers	Asbestos Content
White Window Putty	ND
Sample Composite Homogeneity:	Good

Location: JHS-53A, Layered roofing

Lab ID-Version‡: 9568838-1

Sample Layers	Asbestos Content
Black Roofing Material with Gray Pebbles	ND
Black Roofing Tar	ND
Black Fibrous Material	ND
Black Mastic -Like Material	ND
Composite Non-Asbestos Content:	30% Cellulose 25% Glass Fibers
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-54A, Drywall and joint compound**

Lab ID-Version‡: 9568839-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Off-White Joint Compound	2% Chrysotile
Cream Tape	ND
Off-White Compound with Paint	2% Chrysotile
Composite Asbestos Fibrous Content:	< 1% Asbestos
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Comments: Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided for this analysis has been performed by following the NESHAP guidelines.

Location: JHS-54B, Drywall and joint compound

Lab ID-Version‡: 9568840-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Off-White Joint Compound	2% Chrysotile
Cream Tape	ND
Off-White Compound with Paint	2% Chrysotile
Composite Asbestos Fibrous Content:	< 1% Asbestos
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Comments: Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided for this analysis has been performed by following the NESHAP guidelines.

Location: JHS-54C, Drywall and joint compound

Lab ID-Version‡: 9568841-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Off-White Joint Compound	2% Chrysotile
Cream Tape	ND
Off-White Compound with Paint	2% Chrysotile
Composite Asbestos Fibrous Content:	< 1% Asbestos
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Comments: Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided for this analysis has been performed by following the NESHAP guidelines.

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-55A, Sheet flooring**

Lab ID-Version‡: 9568842-1

Sample Layers	Asbestos Content
Brown/Black Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	35% Cellulose
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-56A, Sheet flooring**

Lab ID-Version‡: 9568843-1

Sample Layers	Asbestos Content
Beige Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	35% Cellulose
Sample Composite Homogeneity:	Good

Location: JHS-57A, Window putty

Lab ID-Version‡: 9568844-1

Sample Layers	Asbestos Content
Off-White Window Putty	2% Chrysotile
Sample Composite Homogeneity:	Good

Location: JHS-58A, Concrete

Lab ID-Version‡: 9568845-1

Sample Layers	Asbestos Content
Beige Concrete	ND
Sample Composite Homogeneity:	Good

Location: JHS-59A, Rock and mortar

Lab ID-Version‡: 9568846-1

Sample Layers	Asbestos Content
Black/White Rock	ND
Gray Mortar	ND
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-60A, Brick and mortar**

Lab ID-Version‡: 9568847-1

Sample Layers	Asbestos Content
Red Brick	ND
Gray Mortar	ND
Sample Composite Homogeneity: Good	

Location: JHS-61A, Drywall and joint compound

Lab ID-Version‡: 9568848-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity: Moderate	

Location: JHS-61B, Drywall and joint compound

Lab ID-Version‡: 9568849-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Joint Compound	ND
Cream Tape	ND
White Compound	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity: Moderate	

Location: JHS-61C, Drywall and joint compound

Lab ID-Version‡: 9568850-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Joint Compound	ND
Cream Tape	ND
White Compound	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity: Moderate	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-62A, Tank gasket**

Lab ID-Version‡: 9568851-1

Sample Layers	Asbestos Content
Black Gasket with Paint	ND
Sample Composite Homogeneity: Good	

Location: JHS-62B, Tank gasket

Lab ID-Version‡: 9568852-1

Sample Layers	Asbestos Content
Black Gasket with Paint	ND
Sample Composite Homogeneity: Good	

Location: JHS-62C, Tank gasket

Lab ID-Version‡: 9568853-1

Sample Layers	Asbestos Content
Black Gasket with Paint	ND
Sample Composite Homogeneity: Good	

Location: JHS-63A, Tank mastic

Lab ID-Version‡: 9568854-1

Sample Layers	Asbestos Content
Black Mastic	ND
Sample Composite Homogeneity: Good	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-64A, Tank mastic**

Lab ID-Version‡: 9568855-1

Sample Layers	Asbestos Content
Black Mastic	ND
Sample Composite Homogeneity: Good	

Location: JHS-65A, Concrete

Lab ID-Version‡: 9568856-1

Sample Layers	Asbestos Content
Beige Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-65B, Concrete

Lab ID-Version‡: 9568857-1

Sample Layers	Asbestos Content
Beige Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-65C, Concrete

Lab ID-Version‡: 9568858-1

Sample Layers	Asbestos Content
Beige Concrete	ND
Sample Composite Homogeneity: Good	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-66A, Water trough**

Lab ID-Version‡: 9568859-1

Sample Layers	Asbestos Content
Gray Cementitious Material	ND
Sample Composite Homogeneity: Good	

Location: JHS-67A, Concrete

Lab ID-Version‡: 9568860-1

Sample Layers	Asbestos Content
Beige Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-67B, Concrete

Lab ID-Version‡: 9568861-1

Sample Layers	Asbestos Content
Beige Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-67C, Concrete

Lab ID-Version‡: 9568862-1

Sample Layers	Asbestos Content
Beige Concrete	ND
Sample Composite Homogeneity: Good	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-68A, Layered roofing**

Lab ID-Version‡: 9568863-1

Sample Layers	Asbestos Content
Black Roofing Material with Gray Pebbles	ND
Black Roofing Tar	ND
Black Roofing Material with Gray Pebbles	15% Chrysotile
Composite Non-Asbestos Content:	30% Cellulose
Sample Composite Homogeneity:	Moderate

Location: JHS-69A, Concrete silo

Lab ID-Version‡: 9568864-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity:	Good

Location: JHS-70A, Concrete silo

Lab ID-Version‡: 9568865-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity:	Good

Location: JHS-71A, Concrete

Lab ID-Version‡: 9568866-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-72A, Exterior stucco**

Lab ID-Version‡: 9568867-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-72B, Exterior stucco

Lab ID-Version‡: 9568868-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-72C, Exterior stucco

Lab ID-Version‡: 9568869-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-73A, Exterior stucco

Lab ID-Version‡: 9568870-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-73B, Exterior stucco**

Lab ID-Version‡: 9568871-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-73C, Exterior stucco

Lab ID-Version‡: 9568872-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-74A, Exterior stucco

Lab ID-Version‡: 9568873-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-74B, Exterior stucco

Lab ID-Version‡: 9568874-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-74C, Exterior stucco**

Lab ID-Version‡: 9568875-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity:	Good

Location: JHS-75A, Concrete

Lab ID-Version‡: 9568876-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity:	Good

Location: JHS-76A, Cinder block and mortar

Lab ID-Version‡: 9568877-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity:	Good

Location: JHS-77A, Tar paper

Lab ID-Version‡: 9568878-1

Sample Layers	Asbestos Content
Brown Paper	ND
Composite Non-Asbestos Content:	60% Cellulose
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-78A, Drywall and joint compound**

Lab ID-Version‡: 9568879-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: JHS-79A, Exterior stucco

Lab ID-Version‡: 9568880-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity:	Good

Location: JHS-79B, Exterior stucco

Lab ID-Version‡: 9568881-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity:	Good

Location: JHS-79C, Exterior stucco

Lab ID-Version‡: 9568882-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Aurora Industrial Hygiene, Inc.

Date of Sampling: 10-17-2018

C/O: Ms. Karen Shockley

Date of Receipt: 10-23-2018

Re: 58124- Jacumba Hot Springs; Asbestos Sampling Date of Report: 10-25-2018

ASBESTOS PLM REPORT**Location: JHS-80A, Concrete trough**

Lab ID-Version‡: 9568883-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-81A, Concrete

Lab ID-Version‡: 9568884-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-82A, Concrete

Lab ID-Version‡: 9568885-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: JHS-83A, Concrete

Lab ID-Version‡: 9568886-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

EMLab P&K
A TestAmerica Company

Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☐	☐	☐	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☐	
	Heavy	☐	☐	☐	☐	

(Use c

02028001

Company:	Aurora IH	Address:	9666 Businesspark Ave #102
Contact:	Karen Shackley	Special Instructions:	
Phone:	615-276-5501		

TURN AROUND TIME CODES (TAT)

Project ID:	58124 - Incumbia Hot Springs		
Project Description:	Asbestos Sampling		
Project Zip Code:		Sampling Date & Time:	10/17-22/18
PQ Number:		Sampled By:	E. French

STD - Standard (DEFAULT)
ND - Next Business Day
SD - Same Business Day Rush
WH - Weekend / Holiday

Business received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
JHS-01A	Concrete	B	STD		
-02A					
-03A					
-04A					
-05A					
-06A					
-07A	Transite Pipe				
-08A	Layered roofing				
-09B					
-09C					
-09A	Roof shingles				

Non-Culturable									
Spoore Trap	Tape Swab Bulk	BioCassette TM Water, Bulk, Dust, Soil, Contact Plates							
Fungal - Spore Trap Analysis									
Spectra Trap Analytic's - Other particles									
Direct Microscopic Exam (Qualitative)									
Quantitative Spore Count; Direct Exam									
1-Media Surface Fungi (Genus ID + Asp. spp.)									
2-Media Surface Fungi (Genus ID + Asp. spp.)									
3-Media Surface Fungi (Genus ID + Asp. spp.)									
Cultivable Air Fungi (Genus ID + Asp. spp.)									
Germ Stain & Counts (Cultureable Air & Surface Bacteria)									
Legionella culture									
Total Coliform, E. coli (Presumptive/Positive)									
Membrane Filtration (specify organism)									
MPN Bacteria (specify organism)									
Quantitray - Sewage Screen									
Asbestos Analysis - PCM Allergic Fiber Count (NIOSH 7400)									
Adhesive Analytic's - PLM (EPA method 600/R-93-118)									
PCR (specify test):									

SAMPLE TYPE CODES				RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC - BioCassette™	ST - Spore Trap: Zefon, Allergenco, Burkard ...	T - Tape	D - Dust	Rita Lopez	10/23/12 / 0535	DJK	10/23 7 ³⁰
A1S - Anderson		SW - Swab	SO - Soil				
SAS - Surface Air Sampler	P - Potable Water	B - Bulk					
CP - Contact Plate	NP - Non-Potable Water	O - Other:					

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at <http://www.emlab.com/main/services.html>

Copyright © 2015 EMLab P&K

Doc #192 Rev 32, Revised 12/18/15, Page 1 of 1, Q6

EMLab P&K
A TestAmerica Company

Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☐	☐	☐	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☐	
	Heavy	☐	☐	☐	☐	

(Use check)

12028001

Company:	Aurora DH	Address:
Contact:		Special Instructions:
Phone:		

TURN AROUND TIME CODES (TAT)

Project ID:	58124 - JHS		STD - Standard (DEFAULT)	Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:	Asbestos Sampling		ND - Next Business Day	
Project Zip Code:		Sampling Date & Time: 12/17-22/18	SD - Same Business Day Rush	
PO Number:		Sampled By: E. French	WH - Weekend / Holiday	

Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
DHS-09B	Roof Shingles	B	STD		
-09C	↓	↓	↓		
-10A	Roof mastic	↓	↓		
-11A	↓	↓	↓		
-12A	Floor tile and mastic	↓	↓		
-12B	↓	↓	↓		
-12C	↓	↓	↓		
-13A	Drywall & joint compound	↓	↓		
-13B	↓	↓	↓		
-13C	↓	↓	↓		
-14A	Window Putty	↓	↓		

Non-Culturable						Cultur						Other Requests					
Spore Trap						Type Swab Bulk											
Fungi - Spore Trap Analysis						BioCassette™, Andersen, etc., Contact Water, Bulk, Dust, Soil, Contact Plates						Other Requests					
Spore Trap Analysis - Other particles																	
Diluted Microscopic Exam (Qualitative)																	
Quantitative Spore Count Direct Exam																	
1-Medium Surface Fungi (Genus ID + Asp. spp.)																	
2-Media Surface Fungi (Genus ID + Asp. spp.)																	
3-Media Surface Fungi (Genus ID + Asp. spp.)																	
Culturable Air Fungi (Genus ID + Asp. spp.)																	
Germ Stain & Counts (Culturable Air & Surface Bacteria)																	
Laboratory Culture																	
Total Countform, E. coli (Presence/Absence)																	
Membrane Filtration (opacity organism)																	
mRNA Bacteria (specify organism):																	
Quantal Tray - Sewage Screen																	
Asbestos Analysis - PCM Attributive Fiber Count (NIOSH 7480)																	
Asbestos Analysis - PLM (EPA method 8461R-93-116)																	
PCR (specify test):																	

SAMPLE TYPE CODES			RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC - BioCassette™	ST - Spore Trap; Zefon, Allergenco, Burkard ...	T - Tape D - Dust	R. J. M. 10/23/13/0935		R. J. M.	10/23/13
A1S - Anderson	P - Potable Water	SW - Swab B - Bulk				
SAS - Surface Air Sampler	NP - Non-Potable Water	Q - Other				
CP - Contact Plate						

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at <http://www.emlab.com/main/service/terms.html>

Copyright © 2015 ENLab P&K

Doc. #1152, Rev. 32, Revised 12/18/15, Page 1 of 1, Q4

EMLab P&K
A TestAmerica Company

Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☐	☐	☐	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☐	
	Heavy	☐	☐	☐	☐	

Company:	Aurora DH	Address:
Contact:		Special instructions:
Phone:		

TURN AROUND TIME CODES (TAT)

Project ID:	58124 - JHS		STD - Standard (DEFAULT)	Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:	Asbestos Sampling		ND - Next Business Day	
Project Zip Code:	Sampling Date & Time:	12/17-22/18	SD - Same Business Day Rush	
PO Number:	Sampled By: B. French		WH - Weekend / Holiday	

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
JHS-15A	Concrete	B	STD		
-16A	I				
-17A	Exterior Stucco				
-17B	I				
-17C	I				
-18A	Vapor Barrier tar paper				
-18B	I				
-18C	I				
-19A	Exterior Stucco				
-19B	I				
-19C	I				

[illegible]

SAMPLE TYPE CODES			RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
EC - BioCassette™	ST - Spore Trap: Zefon, Allergenco, Burkard ...	T - Tape SW - Swab D - Dust SD - Soil	R. J. Murphy	10/23/12 0935	DJ	10/23 935
AIS - Anderson	P - Potable Water	B - Bulk				
SAS - Surface Air Sampler	NP - Non-Potable Water	O - Other:				
CP - Contact Plate						

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at <http://www.emlab.com/chain/service/terms.html>

Copyright © 2015 EMLab P&K

Doc. #1197, Rev. 32, Revised 12/18/15, Page 1 of 1, QA

3 of 13

EMLab P&K
A TestAmerica Company

Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☐	☐	☐	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☐	
	Heavy	☐	☐	☐	☐	

REQUE 
Use #2028001

CONTACT INFORMATION						
Company: <i>Aurora DH</i>			Address:			
Contact:			Special Instructions:			
Phone:						
PROJECT INFORMATION				TURN AROUND TIME CODES (TAT)		
Project ID: <i>58124-JHS</i>				STD - Standard (DEFAULT)		Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description: <i>Asbestos Sampling</i>				ND - Next Business Day		
Project Zip Code:		Sampling Date & Time: <i>10/17-22/18</i>		SD - Same Business Day Rush		
PO Number:		Sampled By: <i>B. French</i>		WH - Weekend / Holiday		
Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)	
<i>JHS-20A</i>	<i>Roof shingles</i>	<i>B</i>	<i>STD</i>			
<i>-20B</i>	<i> </i>	<i> </i>	<i> </i>			
<i>-20C</i>	<i> </i>	<i> </i>	<i> </i>			
<i>-21A</i>	<i>Window Putty</i>	<i> </i>	<i> </i>			
<i>-22A</i>	<i>Concrete</i>	<i> </i>	<i> </i>			
<i>-23A</i>	<i>Plaster tile and mortar</i>	<i> </i>	<i> </i>			
<i>-23B</i>	<i> </i>	<i> </i>	<i> </i>			
<i>-23C</i>	<i> </i>	<i> </i>	<i> </i>			
<i>-24A</i>	<i>Sheet flooring</i>	<i> </i>	<i> </i>			
<i>-24B</i>	<i> </i>	<i> </i>	<i> </i>			
<i>-24C</i>	<i> </i>	<i> </i>	<i> </i>			

Non-Culturable		Culturable	
Spore Trap	Tap Swab Bulk	BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plates	
Fungi - Spore Trap Analysis		☐	☐
Spore Trap Analysis - Other particles		☐	☐
Direct Microscopic Exam (Qualitative)		☐	☐
Quantitative Spore Count Direct Exam		☐	☐
1-Acetic Surface Fungi (Genus ID - Asp. spp.)		☐	☐
2-Media Surface Fungi (Genus ID - Asp. spp.)		☐	☐
3-Media Surface Fungi (Genus ID + Asp. spp.)		☐	☐
Culturable Air Fungi (Genus ID - Asp. spp.)		☐	☐
Gram Stain & Counts (Culturable Air & Surface Bacteria)		☐	☐
Legionella culture		☐	☐
Total Coliform, E. coli (Presumptive/Microscopy)		☐	☐
Methylene Blue Reduction (specific organism)		☐	☐
MPI Bacteria (specific organism)		☐	☐
Quantal Tray - Sewage Science		☐	☐
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)		☐	☐
Asbestos Analysis - PLM (EPA method 8000R-93-116)		☒	☒
PCR (specific test)		☒	☒

SAMPLE TYPE CODES			RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC - BioCassette TV	ST - Spore Trap: Zefon, Allergenco, Burkard ...	T - Tape	D - Dust	D. J. [Signature] 10/23/12 0935	D. J. [Signature]	10/23 9F
AIS - Anderson		SW - Swab	SO - Soil			
SAS - Surface Air Sampler	P - Potable Water	B - Bulk				
CP - Contact Plate	NP - Non-Potable Water	O - Other:				

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at <http://www.emslab.com/Email/ServiceTerms.html>

Doc. #1192, Page 12, Revised 12/18/15, Page 1 of 1, Q4

EMLab P&K
A TestAmerica Company

Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☐	☐	☐	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☐	
	Heavy	☐	☐	☐	☐	

(Use ch

12028001

Company:	Angara PH	Address:	
Contact:		Special Instructions:	
Phone:			

TURN AROUND TIME CODES (TAT)

Project ID:	58124-JHS		STD - Standard (DEFAULT)	Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:	Asbestos Sampling		ND - Next Business Day	
Project Zip Code:		Sampling Date & Time: 10/17-22/18	SD - Same Business Day Rush	
PO Number:		Sampled By: B. French	WH - Weekend / Holiday	

Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
JMS-25A	Sheet flooring	B	STD		
-26A					
-26B					
-26C					
-27A	Floor tile and mastic				
-28A					
-29A	Sheet flooring				
-30A	Grout and joint compound				
-30B					
-30C					
-31A	Stucco				

Non-Culturable													Culturable												
Spore Trap													Other Requests												
Type Swab Bulk													BioCassette™, Amies/Regent, etc., swab, Water, Bulk, Dust, Soil, Contact Plates												
Fungi - Spore Trap Analysis	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Spore Trap Analysis - Other protocols	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Direct Microscopic Exam (Qualitative)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Quantitative Spore Count Direct Exam	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
1-Middle Surface Fungi (Genus ID + Asp. spp.)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
2-Media Surface Fungi (Genus ID + Asp. spp.)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
3-4-Media Surface Fungi (Genus ID + Asp. spp.)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Culturable Air Fungi (Genus ID + Asp. spp.)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gram Stain & Counts (Culturable Air & Surface Bacteria)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Legionella culture	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Total Coliform, E. coli (Presumptive/Positive)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Mentriana filtration (specify organism):	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
MPN Bacteria (specify organism):	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Quanti Tray - Seepage Screen	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Asbestos Analysis - PCM (EPA method 600/4-93-116)	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	
PCR (specify test):	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

SAMPLE TYPE CODES			RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC - BioCassette™	ST - Spore Trap Zefon, Allergenco, Burkard ...	T - Tape SW - Swab D - Dust SO - Soil	<i>Michael D. J.</i>	10/23/10/ 0935	<i>[Signature]</i>	10/23 935
A1S - Anderson	P - Potable Water	B - Bulk				
SAS - Surface Air Sampler	NP - Non-Potable Water	O - Other:				
CP - Contact Plate						

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at <http://www.ensab.com/s/main/service/terms.htm>

Copyright © 2015 EMLab PS&K

Doc. #1192, Para. 32, Revised 12/18/05, Page 1 of 1, Q4

EMLab P&K
A TestAmerica Company

Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☐	☐	☐	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☐	
	Heavy	☐	☐	☐	☐	

REQUES 
(Use ch) 2028001

CONTACT INFORMATION					
Company: Avista IH			Address:		
Contact:			Special Instructions:		
Phone:					
PROJECT INFORMATION				TURN AROUND TIME CODES (TAT)	
Project ID: S8124-JH5				STD - Standard (DEFAULT)	
Project Description: Asbestos Sampling				ND - Next Business Day	
Project Zip Code:		Sampling Date & Time: 10/17-22/18		SD - Same Business Day Rush	
PO Number:		Sampled By: E. French		WH - Weekend / Holiday	
Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
JHS-31B	Stucco	B	STD		
-31C	I				
-32A	Wall Panel Acrylic				
-33A	I				
-34A	Fiber board				
-35A	Drywall & Joint compound				
-35B	I				
-35C	I				
-36A	window putty				
-37A	Layered roofing				
-38A	concrete				

[illegible]

SAMPLE TYPE CODES			RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC - Bio Cassette™	ST - Spore Trap: Zefon, Allergenco, Burkard ...	T - Tape SW - Swab SO - Soil	Dil. M. S. 10/23/10/ 0935	10/23/10/ 0935	D. J.	10/23/10/ 0935
A1S - Anderson	P - Potable Water	S - Bulk				
SAS - Surface Air Sampler	NP - Non-Potable Water	O - Other:				
CP - Contact Plate						

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at <http://www.embs.com/submit/service/terms.html>

Copyright © 2015 ENLab P&K

Doc. #1192, Rev 32, Revised 12/18/15, Page 3 of 1, Q4

EMLab P&K
A TestAmerica Company

SSE, CA: 6000 Shoreline Court, Suite 205, South San Francisco, CA 94080 * (866) 888-8653

Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☐	☐	☐	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☐	
	Heavy	☐	☐	☐	☐	

(Use c)

2028001

CONTACT INFORMATION						
Company: <i>America DH</i>			Address:			
Contact:			Special Instructions:			
Phone:						
PROJECT INFORMATION				TURN AROUND TIME CODES (TAT)		
Project ID: <i>58124 - JHS</i>				STD - Standard (DEFAULT)		Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description: <i>Asbestos Sample</i>				ND - Next Business Day		
Project Zip Code:		Sampling Date & Time: <i>10/17-22/18</i>	SD - Same Business Day Rush			
PO Number:		Sampled By: <i>E. French</i>	WH - Weekend / Holiday			
Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)	
<i>JHS-35A</i>	<i>Stucco</i>	<i>B</i>	<i>STD</i>			
<i>-35B</i>	<i> </i>	<i> </i>	<i> </i>			
<i>-39C</i>	<i> </i>	<i> </i>	<i> </i>			
<i>-40A</i>	<i> </i>	<i> </i>	<i> </i>			
<i>-40B</i>	<i> </i>	<i> </i>	<i> </i>			
<i>-40C</i>	<i> </i>	<i> </i>	<i> </i>			
<i>-41A</i>	<i>Concrete</i>	<i> </i>	<i> </i>			
<i>-42A</i>	<i>Window putty</i>	<i> </i>	<i> </i>			
<i>-43A</i>	<i>Window black & mortar</i>	<i> </i>	<i> </i>			
<i>-44A</i>	<i>Tile grout</i>	<i> </i>	<i> </i>			
<i>-45A</i>	<i>Int. wall insulation</i>	<i> </i>	<i> </i>			

[illegible]

SAMPLE TYPE CODES				RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC - BioCassette™	ST - Spore Trap: Zefon, Allergenco, Burkard...	T - Tape	D - Dust	Rick Smith	10/23/18/0935		
A1S - Anderson		SW - Swab	SO - Soil				
SAS - Surface Air Sampler	P - Potable Water	B - Bulk					
CP - Contact Plate	NP - Non-Potable Water	O - Other:					

Copyright © 2015 EMLab P&K

Doc. #192, Rev. 32, Revised 12/13/15, Page 1 of 1, Q4



New Jersey: 3000 Lincoln Drive East, Suite A, Marlton, NJ 08053 * (606) 871-1984
Phoenix, AZ: 1501 West Knudsen Drive, Phoenix, AZ 85027 * (800) 651-4802
SSE, CA: 6000 Shoreline Court, Suite 205, South San Francisco, CA 94080 * (666) 688-6653

Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☐	☐	☐	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☐	
	Heavy	☐	☐	☐	☐	

REQUE 
(Use 62028001

CONTACT INFORMATION						
Company:	Aurora DH			Address:		
Contact:				Special Instructions:		
Phone:						
PROJECT INFORMATION				TURN AROUND TIME CODES (TAT)		
Project ID:	58124 - JHS			STD - Standard (DEFAULT)		Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:	Asbestos Sampling			ND - Next Business Day		
Project Zip Code:		Sampling Date & Time:	10/17-22/18	SD - Same Business Day Rush		
PO Number:		Sampled By:	E. French	WH - Weekend / Holiday		
Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)	
JHS-46A	Drywall and joint compound	B	STD			
-46B						
-46C						
-47A	Floor tile and grout					
-48A						
-49A	Sheet flooring					
-50A	Under block and mortar					
-51A	Concrete					
-52A	Window putty					
-53A	Layered ceiling					
-54A	Drywall & joint compound					

[illegible]

SAMPLE TYPE CODES				RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC -- BioCassette™	ST -- Spore Trap: Zefon, Allergenco, Burkard ...	T -- Tape	D -- Dust	R. J. [Signature]	10/23/13/0935	R. J. [Signature]	10/23/13
A15 -- Anderson		SW -- Swab	SO -- Soil				
SAS -- Surface Air Sampler	P -- Potable Water	B -- Bulk					
CP -- Contact Plate	NP -- Non-Potable Water	O -- Other:					

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at <http://www.emslab.com/main/service/terms.html>

Copyright © 2015 EMLab P&K

Doc. #1192, Rev. 32, Revised 12/4/15, Page 1 of 1, CA

9 of 13

CHAIN OF CUSTODY
www.EMLabPK.com



New Jersey: 3000 Lincoln Drive East, Suite A, Marlton, NJ 08053 * (866) 871-1984
Phoenix, AZ: 1501 West Knudsen Drive, Phoenix, AZ 85027 * (800) 851-4802
SSF, CA: 6000 Shoreline Court, Suite 205, South San Francisco, CA 94080 * (866) 886-6653

Weather	Fog	Rain	Snow	Wind	Clear
None	☐	☐	☐	☐	☐
Light	☐	☐	☐	☐	☐
Moderate	☐	☐	☐	☐	☐
Heavy	☐	☐	☐	☐	☐

REQUEST

(Use check)

2028001

CONTACT INFORMATION					
Company: <u>Aurora DH</u>			Address:		
Contact:			Special Instructions:		
Phone:					
PROJECT INFORMATION			TURN AROUND TIME CODES (TAT)		
Project ID:	<u>58124 - JHS</u>		STD - Standard (DEFAULT)		Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:	<u>Asbestos Sampling</u>		ND - Next Business Day		
Project Zip Code:	Sampling Date & Time:	<u>10/17-22/18</u>	SD - Same Business Day Rush		
PO Number:	Sampled By: <u>A. French</u>		WH - Weekend / Holiday		
Sample ID	Description	Sample Type (Skrw)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
JHS-51B	Drywall & joint compound	B	STD		
-51C					
-51A	Sheet flooring				
-56A					
-57A	Window putty				
-58A	Rock and mortar Concrete				
-59A	Rock and mortar				
-60A	Brick and mortar				
-61A	Drywall & joint compound				
-61B					
-61C					

Non-Culturable	Cult
Spore Trap	Type Swab Bulk
	BioCassette™, Andersen, Spore, Omnic, Water, Bulk, Dust, Soil, Contact Plates
Fungi - Spore Trap Analysis	
Spore Trap Analysis - Other particles	
Direct Microscopic Exam (Qualitative)	
Quantitative Spore Count Direct Exam	
1-Media Surface Fungi (Genus ID + Asp. spp.)	
2-Media Surface Fungi (Genus ID + Asp. spp.)	
3-Media Surface Fungi (Genus ID + Asp. spp.)	
Culturable Air Fungi (Genus ID + Asp. spp.)	
Gram Stain & Counts (Culturable Air & Surface Bacteria)	
Legionella culture	
Total Coliform, E. coli (Presence/Absence)	
Membrane Filtration (specify organism)	
MPN Bacteria (specify organism)	
Quantal Tray - Sewage Screen	
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	
Asbestos Analysis - PLM (EPA method 600/4-93-116)	
PCR (specify test)	

SAMPLE TYPE CODES				RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC - BioCassette™	ST - Spore Trap: Zefon, Allergenco, Burkard ...	T - Tape	D - Dust	<u>R. M. D. G.</u>	<u>10/23/18 0935</u>	<u>[Signature]</u>	<u>10/23 935</u>
AIS - Anderson	P - Potable Water	SW - Swab	SO - Soil				
SAS - Surface Air Sampler	NP - Non-Potable Water	B - Bulk					
CP - Contact Plate		O - Other:					

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at <http://www.emlab.com/main/service/terms.html>

Copyright © 2015 EMLab P&K

Doc. 41102, Rev. 02, Rm00d 12/18/16, Page 1 of 1, CA

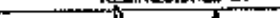
EMLab P&K
A TestAmerica Company

Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☐	☐	☐	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☐	
	Heavy	☐	☐	☐	☐	

REQUISITUM
(Use only) 2028001

CONTACT INFORMATION						
Company:	Aurora DN			Address:		
Contact:				Special Instructions:		
Phone:						
PROJECT INFORMATION				TURN AROUND TIME CODES (TAT)		
Project ID:	58124-JHS			STD - Standard (DEFAULT)	Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.	
Project Description:	Arbiter Sampling			ND - Next Business Day		
Project Zip Code:		Sampling Date & Time:	10/17-22/18	SD - Same Business Day Rush		
PO Number:		Sampled By:	E. French	WH - Weekend / Holiday		
Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)	
JHS-62A	Tank gas ket	B	STD			
-62B	I					
-62C						
-63A	Tank master					
-64A	I					
-65A	Concrete					
-65B	I					
-65C	I					
-66A	Water trough					
-67A	Concrete					
-67B	I					

[illegible]

SAMPLE TYPE CODES			RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC - BioCessette™	ST - Spore Trap: Zefon, Allergenco, Burkard ...	T - Tape	D - Dust	 10/23/19/0935		10/20/19
A1S - Anderson		SW - Swab	SO - Soil			
SAS - Surface Air Sampler	P - Potable Water	B - Bulk				
CP - Contact Plate	NP - Non-Potable Water	O - Other				

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at <http://www.enlabc.com/main/service/terms.html>

Copyright © 2015 EMLab P&K

Doc. #1192, Rev. 32, Revised 12/18/15, Page 1 of 1, Q4.

10 of 13

EMLab P&K
A TestAmerica Company

Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☐	☐	☐	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☐	
	Heavy	☐	☐	☐	☐	



Company:	Aurora IH	Address:	
Contact:		Special Instructions:	
Phone:			

TURN AROUND TIME CODES (TAT)

Project ID:	58124-JHS		STD - Standard (DEFAULT)	Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:	Asbestos Enclay		ND - Next Business Day	
Project Zip Code:	Sampling Date & Time:	10/17-22/18	SD - Same Business Day Rush	
PO Number:	Sampled By: E. French		WH - Weekend / Holiday	

Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
JMS-67C	Concrete	B	SD		
-68A	Asphalt roofing				
-69A	Concrete pile				
-70A	⊥				
-71A	Concrete				
-72A	Exterior stone				
-72B					
-72C					
-73A					
-73B					
-73C					

Non-Culturable													Cult.													Other Requests																																						
Spore Trap													Tape Swab Bulk													BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plates													Other Requests																									
Fungal - Spore Trap Analysis													Spore Trap Analysis - Other particles													Direct Microscopic Exam (Qualitative)													Quantitative Spore Count Direct Exam																									
1-Media Surface Fungi (Genus ID + Asp. spp.)													2-Media Surface Fungi (Genus ID + Asp. spp.)													3-Media Surface Fungi (Genus ID + Asp. spp.)													Culturable Air Fungi (Genus ID + Asp. spp.)													Gram Stain & Counts (Culturable Air & Surface Bacteria)												
Legionella culture													Total Count, E. coli (Presence/Absence)													Membrane Filtration (spacky organism)													MPN Bacteria (specify organism)													Quantal Tray - Sewage Screen												
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)													Asbestos Analysis - PUM (EPA method 600/4-93-116)													PCR (specify test)																																						

SAMPLE TYPE CODES			RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC - BioCassette™	ST - Spore Trap: Zefon, Allergenco, Burkard ...	T - Tape D - Dust	R. J. Smiley	10/23/18/0535	R. J.	10/23/18
AT5 - Anderson	SW - Swab	SO - Soil				
SAS - Surface Air Sampler	P - Potable Water	B - Bulk				
CP - Contact Plate	NP - Non-Potable Water	O - Other:				

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at <http://www.emlab.com/main/service/terms.html>

Copyright © 2015 EMLab P&K

Doc. 14182, Rev. 52, Revised 12/8/15, Page 1 of 1, C

11 of 13

EMLab P&K
A TestAmerica Company

Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☐	☐	☐	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☐	
	Heavy	☐	☐	☐	☐	



12028001

CONTACT INFORMATION						
Company:	Aurora DH			Address:		
Contact:				Special Instructions:		
Phone:						
PROJECT INFORMATION				TURN AROUND TIME CODES (TAT)		
Project ID:	58124-JHS			STD - Standard (DEFAULT)		Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:	Asteris Sampling			ND - Next Business Day		
Project Zip Code:		Sampling Date & Time:	10/17-22/18	SD - Same Business Day Rush		
PO Number:		Sampled By:	E. French	WH - Weekend / Holiday		
Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)	
JHS-77A	Exterior Stucco	B	STD			
-77B	I					
-77C	I					
-77A	Concrete					
-77A	Gravel block and mortar					
-77A	Tar paper					
-77A	Driveway & joint compound					
-77A	Exterior Stucco					
-77B	I					
-77C	I					
-80A	Concrete trench					

Non-Culture								
Spoore Trap	Tape Swab/Disk	Bioassays Water, Bulk, Dust, Soil, Contact Plates						
Fungal - Spoore Trap Analysis								
Spoore Trap Analysis - Other penalties								
Direct Microscopic Exam (Qualitative)								
Quantitative Spoore Count Direct Exam								
1-Media Surface Fungi (Genus ID + Asp. spp.)								
2-Media Surface Fungi (Genus ID + Asp. spp.)								
3-Media Surface Fungi (Genus ID + Asp. spp.)								
Cultured Air Fungi (Genus ID + Asp. spp.)								
Germ Stain & Counts (Culturable Air & Surface Bacteria)								
Legionella culture								
Total Coliform E. coli (<i>Pseudomonas</i>)								
Membrane Filtration (specify organism):								
MPN Bactera (specify organisms):								
QuantiTray - Sewage Screen								
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH TAP09)								
Asbestos Analysis - PLM (EPA method 800A-93-116)				X	X	X	X	
PCR (specify test):				X	X	X	X	

SAMPLE TYPE CODES				RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC - BioCessette™	ST - Spore Trap: Zefon,	T - Tape	D - Dust	Paul S. Smith	6/23/85/0535	D. G.	10/22/9
AIS - Anderson	Allergence, Burkard ...	SW - Swab	SO - Soil				
SAS - Surface Air Sampler	P - Potable Water	B - Bulk					
CP - Contact Plate	NP - Non-Potable Water	O - Other:					

Doc. #1102, Rev 32, Revised 12/5/15, Page 1 of 1. C4

EMLab P&K
A TestAmerica Company

SSF, CA: 6000 Shoreline Court, Suite 205, South San Francisco, CA 94080 * (666) 888-8653

Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☐	☐	☐	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☐	
	Heavy	☐	☐	☐	☐	

(Use ch) 2028001

[illegible]

Non-Culturable		Culturable		Other	
Spore Trap	Tap Swab Bulk	Spore Trap	Tap Swab Bulk	Spore Trap	Tap Swab Bulk
Fluik - Spore Trap Analyses					
Spore Trap Analysis - Other particles					
Direct Microscopic Exam (Qualitative)					
Quantitative Spore Count Direct Exam					
1-Media Surface Fungi (Genus ID + Asp. spp.)					
2-Media Surface Fungi (Genus ID + Asp. spp.)					
3-Media Surface Fungi (Genus ID + Asp. spp.)					
Culturable Air Fungi (Genus ID + Asp. spp.)					
Gram Stain & Counts (Culturable Air & Surface Bacteria)					
Legionella culture					
Total Coliform, E. coli (Presence/Absence)					
Membrane Filtration (specify organism)					
MPN Bacteria (specify organism)					
Quantitray - Sewage Screen					
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)					
Asbestos Analysis - PLM (EPA method 600/3-116)					
PCR (specify test)					

SAMPLE TYPE CODES				RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC - BioCassette™	ST - Spore Trap: Zelon, Allergence, Bunkard ...	T - Tape	D - Dust	R. J. MURPHY	10/23/18/0935	[Signature]	10/23/18
A1S - Aerosol		SW - Swab	SO - Soil				
SAS - Surface Air Sampler	P - Potable Water	B - Bulk					
CP - Contact Plate	NP - Non-Potable Water	Q - Other:					

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at <http://www.enlab.com/simein/service/terms.html>

Copyright © 2015 ENLab P&K

Doc. #C192, Rpt. \$2, Revised 12/18/16, Page 1 of 1. Q6

13 $\neq$ 13

Appendix Four – California Department of Public Health Form CDPH 8552

LEAD HAZARD EVALUATION REPORT**Section 1 — Date of Lead Hazard Evaluation** 11/17, 18, 19, & 22/18**Section 2 — Type of Lead Hazard Evaluation (Check one box only)**☒ Lead Inspection ☐ Risk assessment ☐ Clearance Inspection ☐ Other (specify) _____**Section 3 — Structure Where Lead Hazard Evaluation Was Conducted**

Address [number, street, apartment (if applicable)] 45346 Old Highway 80		City Jacumba Hot Springs	County San Diego	Zip Code 91934
Construction date (year) of structure Unknown	Type of structure ☐ Multi-unit building ☐ School or daycare ☐ Single family dwelling ☒ Other <u>Ranch</u>		Children living in structure? ☐ Yes ☒ No ☐ Don't Know	

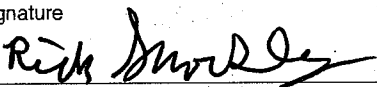
Section 4 — Owner of Structure (if business/agency, list contact person)

Name Bob Walker (Ranch Manager)		Telephone number (619) 402-6750		
Address [number, street, apartment (if applicable)] 45346 Old Highway 20		City Jacumba	State CA	Zip Code 91934

Section 5 — Results of Lead Hazard Evaluation (check all that apply)

☐ No lead-based paint detected ☒ Intact lead-based paint detected ☒ Deteriorated lead-based paint detected
☐ No lead hazards detected ☐ Lead-contaminated dust found ☐ Lead-contaminated soil found ☒ Other Lead Components detected

Section 6 — Individual Conducting Lead Hazard Evaluation

Name Rick Shockley		Telephone number (619) 276-5901		
Address [number, street, apartment (if applicable)] 9666 Businesspark Ave. #102		City San Diego	State CA	Zip Code 92131
CDPH certification number 9755	Signature 			Date 11/25/18
Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)				

Section 7 — Attachments

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
B. Each testing method, device, and sampling procedure used;
C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector

Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:

California Department of Public Health
Childhood Lead Poisoning Prevention Branch Reports
850 Marina Bay Parkway, Building P, Third Floor
Richmond, CA 94804-6403
Fax: (510) 620-5656

Appendix Five – Asbestos and Lead Inspector Certification

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Milton R Shockley, Jr.



Name

15-5581

Certification No.

11/16/19

Expires on

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

State of California Department of Public Health

Lead-Related
Construction
Certificate

Certificate
Type

Expiration
Date



Inspector Assessor

09/10/2019

★
Project Monitor

09/10/2019



Milton R. Shockley, Jr

ID #: 9755

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician



Eric P French

Name

Certification No. **17-5962**

Expires on **06/14/19**

This certification was issued by the Division of
Occupational Safety and Health as authorized by
Sections 7180 et seq. of the Business and
Professions Code.

State of California Department of Public Health

Lead-Related
Construction
Certificate

Certificate
Type

Expiration
Date



Inspector/Assessor	08/27/2019
Sampling Technician	08/27/2018



Eric P. French

ID #: 30017

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Karen G Shockley

Name

Certification No. **97-2146**

Expires on **05/02/19**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.



State of California Department of Public Health

Lead-Related Construction Certificate

Certificate Type

Expiration Date



Inspector/Assessor

05/29/2019

★
Project Monitor

05/29/2019



Karen G. Shockley

ID #: 2664



american board of industrial hygiene®

organized to improve the practice of industrial hygiene
proclaims that

Karen G. Shockley

having met all requirements of
education, experience and examination, and
ongoing maintenance,
is hereby certified in the

**COMPREHENSIVE PRACTICE
of
INDUSTRIAL HYGIENE**

and has the right to use the designations

CERTIFIED INDUSTRIAL HYGIENIST

CIH

Certificate Number	6766 CP
Awarded:	July 21, 1995
Expiration Date:	December 1, 2021



Susan Ripple
Chair, ABIH

Allen H. Oliver
Chief Executive Officer, ABIH