

**Appendix N – Hazardous Materials Survey Report (ACM/Lead), Liberty Island
Ranch (Liberty Farms Property), Blackburn Consulting, November 2017.**

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**HAZARDOUS MATERIALS SURVEY REPORT
(ACM/LEAD)**

Liberty Island Ranch

APNs

042-140-230

042-140-240

Liberty Island Road and Malcolm Lane

Dixon, California

Prepared by:

BLACKBURN CONSULTING

2491 Boatman Ave

West Sacramento, CA 95691

November 2017

Prepared for:

Ecosystem Investment Partners

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BCI File No. 3195.X
November 8, 2017

Mr. David Urban
Ecosystem Investment Partners
5550 Newbury Street, Suite B
Baltimore, MD 21209

Subject: **HAZARDOUS MATERIALS SURVEY REPORT**
Liberty Island Ranch
APN 042-140-230 and APN 042-140-240
Dixon, California

Dear Mr. Urban,

Blackburn Consulting (BCI) prepared this Hazardous Materials Survey report for the Liberty Island Ranch properties. This report specifically addresses APN 042-140-230 and APN 042-140-240, located in Dixon, California.

This Hazardous Materials Survey report documents known and potential Asbestos Containing Materials and/or Lead located at APN 042-140-230 and APN 042-140-240. BCI prepared this report in accordance with our proposal dated June 29, 2017.

As always, BCI appreciates the opportunity to be part of your team. Please call if you have questions or require additional information.

Sincerely,

BLACKBURN CONSULTING

Ryan Schmidt
Project Engineer

Laura Long
Environmental Project Manager

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HAZARDOUS MATERIALS SURVEY REPORT
Liberty Island Ranch
APN 042-140-230 and APN 042-140-240
Dixon, California

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INTRODUCTION

In accordance with our proposal dated June 29, 2017, Blackburn Consulting (BCI) prepared this Hazardous Materials Survey Report for the Liberty Island Ranch properties located in Dixon, California. This report specifically addresses parcel APN 042-140-230 and APN 042-140-240, located at the intersection of Liberty Island Road and Malcolm Lane. Based on the findings of WRA, Inc.'s Phase I Environmental Site Assessment (June 2017), and the estimated age of the structures located at the parcels, BCI recommended a hazardous materials assessment to determine the presence of Asbestos Containing Material (ACM) and/or Lead in building materials.

PROJECT DESCRIPTION

Ecosystem Investment Partners acquired parcels APN 042-140-230 and APN 042-140-240 and plan to remove all existing structures as part of a Delta Smelt habitat restoration project. The parcels are located at the intersection of Liberty Island Road and Malcolm Lane and extend one mile south of the intersection.

BCI identified multiple residences and structures at the parcels on aerial photographs dated prior to 1980. Construction materials used prior to 1980 may contain ACM and/or Lead. Any structure proposed for demolition or modification (for structures built prior to 1980) must be surveyed by a properly certified inspector for ACM and Lead. Surveys should be conducted prior to demolition/ modification of any structures.

Figure 1 identifies the location of the structures assessed in this ACM and Lead survey.

ASBESTOS ASSESSMENT

The EPA, National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 61 – Nov. 20, 1990, requires an owner or operator of a demolition or renovation project to “thoroughly inspect the affected facility or part of the facility where the demolition or renovation operation will occur for the presence of ACM prior to the commencement of that project”. An ACM pre-demolition assessment was completed by Entek Consulting group August 24 to September 13, 2017 for the structures located at APN 042-140-230 and APN 042-140-240.

ACM is regulated by both the EPA (under the NESHAP program) and California Occupational Safety and Health Administration (Cal OSHA).

In Solano County, the Yolo-Solano Air Quality Management District (YSAQMD) has the authority over the EPA NESHAP requirements. The NESHAP regulations use the terms RACM (Reportable ACM), CAT-1 and CAT-II, when identifying asbestos in amounts greater than 1%. Any CAT-I or CAT-II material is considered a RACM for notification to YSAQMD and for classification of waste.

HAZARDOUS MATERIALS SURVEY REPORT

*Liberty Island Ranch (APN 042-140-230 and APN 042-140-240)
Dixon, California*

*BCI File No. 3195.X
November 8, 2017*

Disturbance of any ACM or Asbestos Containing Construction Material (ACCM) which could generate airborne asbestos fibers is regulated by Cal OSHA. Cal OSHA uses the term ACCM (construction material), which indicates asbestos content greater than 0.1%.

Materials containing asbestos in concentrations above 1% are presumed to be RACM. Removal of RACM is to be conducted by a licensed ACM abatement contractor and requires notification to YSAQMD if the RACM is present in sufficient amounts (more than 160 square feet, 260 linear feet, or 35 cubic feet). All structures, with the exception of Barn 3, were found to contain RACM.

Materials containing asbestos in concentrations less than 1% are not considered hazardous material for classification and disposal. These materials are considered ACCM by Cal OSHA and abatement is required to be conducted by a licensed ACM contractor, but will not be considered hazardous materials. Removal of these materials involve bagging and disposal at a landfill designated to accept ACM, but will not require air quality monitoring or disposal at a hazardous waste landfill. Notification to YSAQMD is NOT required due to the presence of ACM, however, notification is required because notification to YSAQMD is required for any demolition project. All residences, with the exception of Residence 1, contained ACCM. No materials tested in the barns reported levels considered ACCM.

The results and classification of each material tested for Asbestos is presented in Appendix A.

LEAD ASSESSMENT

A Lead pre-demolition assessment was completed by Entek Consulting group August 24 to September 13, 2017 for the structures located at APN 042-140-230 and APN 042-140-240. Paints containing concentrations of lead equal to or greater than 5,000 ppm are considered Lead-Based Paint (LBP). Paints containing concentrations of lead below 5,000 ppm are considered Lead-Containing Paints (LCP).

Any project which may result in the disturbance of lead containing products or surfaces, but is not intended to remediate a lead hazard or specifically designed to remove LBP to reduce or eliminate a known hazard, would be considered “lead related construction work”. Lead related construction work does not fit the classification of a “lead abatement project” under CDPH Title 17 regulations. “Abatement” is defined in Title 17, Division 1, Chapter 8, Article 1 as “any set of measures designed to reduce or eliminate lead hazards or LBP for public and residential buildings, but does not include containment or cleaning.” A lead hazard is defined in Title 17, Division 1, Chapter 8, Article 1 as “deteriorated LBP, lead contaminated dust, lead contaminated soil, disturbing LBP or presumed LBP without containment, or any other nuisance which may result in persistent and quantifiable lead exposure.”

Lead related construction work means any “construction, alteration, painting, demolition, salvage, renovation, repair, or maintenance of any residential or public building, including preparation and cleanup, that, by using or disturbing lead-containing material or soil, may result in significant exposure of adults or children to lead”. (Title 17, California Code of Regulations, Division 1, Chapter 8, Article 1). Currently, Cal/OSHA has not established a definition for LBP, nor have they established minimum concentrations where their regulations do not apply. Cal/OSHA regulates all construction activities involving materials containing lead,

HAZARDOUS MATERIALS SURVEY REPORT

*Liberty Island Ranch (APN 042-140-230 and APN 042-140-240)
Dixon, California*

*BCI File No. 3195.X
November 8, 2017*

including LBP. These regulations are found in CCR, Title 8 Section 1532.1 (§1532.1) Lead in Construction.

Since Cal OSHA has not established a concentration of lead in a product where their regulations do not apply, any disturbance to products containing lead come under the jurisdiction of Cal/OSHA and their regulations. Disturbance of paints/coatings or materials determined to be LBP may trigger a pre-work notification to Cal/OSHA if “trigger tasks” disturb 100 square feet or more of those paints/coatings or materials. Trigger tasks are described in Title 8 CCR 1532.1.

Any work designated by Cal OSHA as a “trigger task” such as demolition, which will impact these painted surfaces, must be performed by properly trained personnel in compliance with all lead related Cal OSHA regulations and requirements including a project specific worker Health & Safety Plan (HASP) and Lead Compliance Plan.

The results and classification of each material tested for Lead is presented in Appendix A.

LIMITATIONS

This is a summary of Entek’s Hazardous Material Survey Final Report located in Appendix A. The report must be read in its entirety, and the reader must review all the detailed information provided in the body of the report prior to making any interpretations, or conclusions pertaining to the information.

BCI performed these services in accordance with generally accepted environmental engineering principles and practices currently used in Northern California. We do not warranty our services.

Our scope does not include evaluation of hazardous materials other than those specified herein, or a determination of their potential presence on site.

This report is not a comprehensive site characterization and shall not be so construed. We base the findings presented in this report on limited soil sampling and laboratory analyses. This report is not intended to fully characterize the site for future development.

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**Liberty Island Ranch
APN 042-140-230 and APN 042-140-240
Hazardous Materials Survey Report**

FIGURES

Residence and Barn Locations



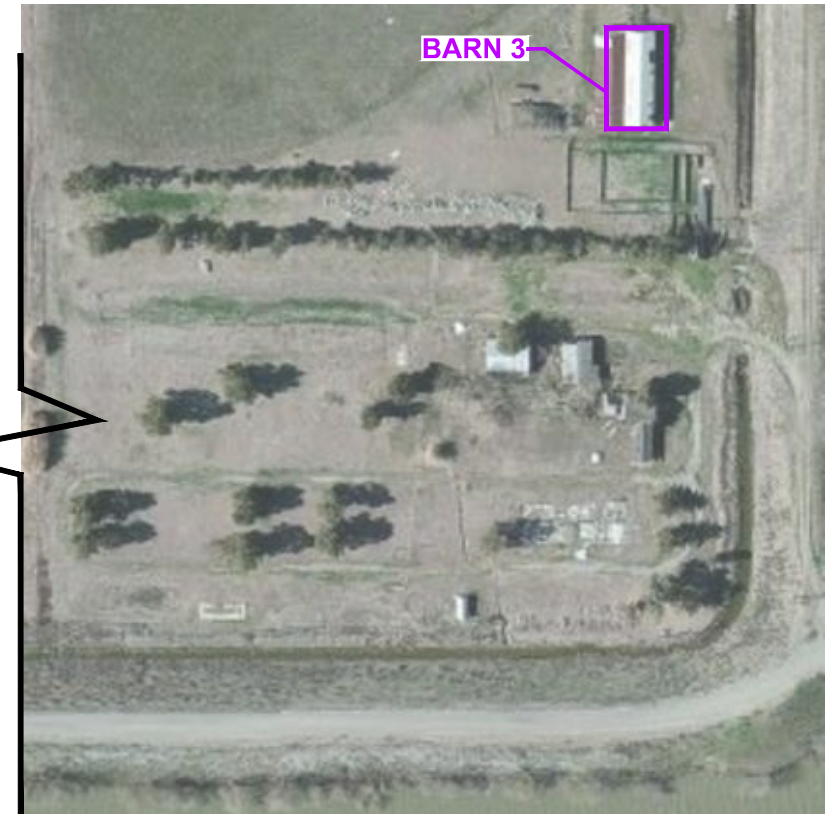
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MATCH LINE SEE BELOW



MATCH LINE SEE ABOVE



LEGEND

-  Barn Location
-  House Location



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SITE PLAN
 Liberty Island Ranch
 Hazardous Material Survey
 Solano County, California

File No. 3195.x

November 2017

Figure 1

**Liberty Island Ranch
APN 042-140-230 and APN 042-140-240
Hazardous Materials Survey Report**

APPENDIX A

Hazardous Materials Survey Report
by Entek Consulting Group, Inc.



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**HAZARDOUS MATERIALS SURVEY
FINAL REPORT**

CLIENT

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CONTACT

**Ryan Schmidt
Project Engineer/Lab Technician**

SURVEY ADDRESS

**Liberty Island Ranch
5275 Liberty Island Road
Dixon, CA**

BUILDINGS SURVEYED

9 Single Family Homes and 3 Barns

PREPARED BY

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Entek Project #17-4478

October 31, 2017

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Executive Summary

The United States Environmental Protection Agency, National Emission Standards for Hazardous Air Pollutants (US EPA NESHAP), 40 CFR Part 61 - Nov. 20, 1990, requires an owner or operator of a demolition or renovation project to thoroughly inspect the affected facility or part of the facility where the demolition or renovation operation will occur for the presence of asbestos-containing materials (ACM) prior to the commencement of that project.

This inspection report was requested by Mr. Ryan Schmidt, Project Engineer, for Blackburn Consulting, Inc.(Blackburn).

The purpose of the inspection was to comply with US EPA NESHAP requirements and the Yolo-Solano Air Quality Management District (YSAQMD) which has jurisdiction for this project site to determine if asbestos containing materials are present which may be impacted during an upcoming restoration project of nine single family homes and three barns at Liberty Island Ranch located at 5275 Liberty Island Road in Dixon, California. It is our understanding that the original age of construction for these nine single family homes and 3 barns are unknown.

The attached drawings show approximate sample locations. Terminology used in this report might include regulated asbestos containing material (RACM), Category I (CAT-I) or Category II (CAT-II) ACM, or asbestos containing construction material (ACCM).

This is a summary of the report. The report must be read in its entirety, and the reader must review all the detailed information provided in the body of the report prior to making any interpretations, or conclusions pertaining to the information. Any conclusions made by the reader about the information provided in the body of this report which are contradictory or not included in this report are the responsibility of the reader.

Asbestos

On August 24 and 28, 2017 and September 12 and 13, 2017, Entek conducted a survey specific to the nine single family homes and three barns indicated by Mr. Ryan Schmidt. Other structures were located on the property but were not included as part of this survey. A map provided by Blackburn consulting, attached to this report, indicates the location of each residence. In addition, several of the structures associated with this survey were in poor condition which did not allow for access or sampling to certain areas of the structure and therefore certain materials were assumed to contain asbestos.

The results of testing for asbestos during this survey indicate asbestos is present in multiple materials. Specifics pertaining to individual materials can be found in later sections of this report.

Materials found or assumed to contain asbestos:

Residence 1

- Cementitious Flu Pipe - Assumed
- Gray Cloth Wrap on HVAC Ducting
- Gray/Black Roof Penetration Mastic - Assumed

Residence 2

- Drywall and Joint Compound - Throughout
- Gray Sheet Vinyl Flooring - Restroom
- Gray Sheet Vinyl Flooring under Beige 8" x 8" Designed Sheet Vinyl Flooring - Kitchen and Living Room
- Gray/Black Roof Penetration Mastic
- Cementitious Flu Pipe - Assumed to be Above Ceiling (Not Observed)

Residence 3

- Drywall and Joint Compound - Throughout
- White Sheet Vinyl Flooring - North Bedroom
- Gray Cementitious Siding Shingles - Exterior of Residence
- Gray/Black Roof Penetration Mastic - Assumed
- Cementitious Flu Pipe - Assumed

Residence 4

- White Cementitious Siding Panels - Exterior of Residence
- Gray/Black Roof Mastic
- Drywall and Joint Compound - Throughout
- Cementitious Flu Pipe - Assumed

Residence 5

- Drywall and Joint Compound - Throughout
- Texture Associated with Drywall and Joint Compound - Throughout
- White Cementitious Siding Panels - Exterior
- Cementitious Flu Pipe - Assumed (Not Observed)
- Gray/Black Roof Penetration Mastic - Assumed

Residence 6

- Drywall and Joint Compound - Throughout
- Toweled-On Texture - Back House
- Gray Cementitious Siding Panels - Exterior
- Cementitious Flu Pipe - Assumed
- Gray/Black Roof Penetration Mastic - Assumed

Residence 7

- Drywall and Joint Compound - Throughout
- Gray Cementitious Siding Panels - Exterior
- Cementitious Flue Pipe - Assumed
- Gray/Black Roof Penetration Mastic - Assumed

Residence 8

- Gray Cementitious Siding Panels - Exterior
- Gray/Black Roofing Penetration Mastic - Roof
- Drywall and Joint Compound - Throughout
- Cementitious Flu Pipe

Residence 9

- Tan Pebble Design Sheet Vinyl Flooring - Laundry Room and Kitchen
- Gray/Black Roof Penetration Mastic - Assumed
- Tan 9" x 9" Vinyl Floor Tile - Living Room
- Gray 9" x 9" Vinyl Floor Tile - Downstairs Bedroom
- Drywall and Joint Compound - Throughout
- Gray Cementitious Siding Panels
- Gray Cementitious Flu Pipe (visible from exterior) - Assumed

Barn 1

- White Window Putty

Barn 2

- Cementitious Pipe - Assumed
- Gray/Black Roof Mastic - Assumed

Barn 3

- No asbestos detected

Lead

Entek investigated existing paints and glazed ceramic tiles in an effort to determine if lead was present in these materials. In brief, the following paints contain more than 5,000 ppm or 1.0 mg/cm² lead and are classified as lead-based paint (LBP). If more than 100 square feet of these paints are impacted by a “trigger task”, prior notification to Cal/OSHA will be required.

- White Paint on Exterior Wood Siding - Barn 1
- White over Green Paint on Exterior Wood Siding - Residence 1
- White Paint on Exterior Wood Siding - Residence 1
- Tan Paint on Exterior Wood Siding - Residence 2

- White Paint on Interior Trim - Residence 3
- White Paint on Exterior Wood Siding and Trim - Residence 4
- White Paint on Interior Wood Trim - Residence 6
- White Paint on Exterior Wood Trim - Residence 6
- White Paint on Exterior Wood Siding - Residence 7
- Blue Paint on Exterior Trim - Residence 7
- Light Blue Paint on Exterior Wood Siding - Residence 8
- Green Paint on Exterior Wood Trim - Residence 9

The paints and ceramic glazes listed below were determined to contain lead in amounts less than 5,000 ppm and are classified as lead containing paint (LCP). Any work designated by California Occupational Safety Health Administration (Cal/OSHA) as a “trigger task” which will impact these paints, coatings, or materials must be done by properly trained personnel, in compliance with all lead related Cal/OSHA regulations and requirements.

- White Paint on Exterior Wood Walls - Residence 1
- Green Paint on Interior Drywall - Residence 1
- White Paint on Interior Drywall - Residence 1
- Maroon Paint on Interior Drywall - Residence 1
- Brown over White Paint on Exterior Wood Deck - Residence 1
- Beige Paint on Interior Wood Panel Walls - Residence 2
- White Paint on Interior Wood Panel Walls - Residence 2
- Green paint on Exterior Metal Roof - Residence 2
- Brown over White Paint on Exterior Wood Skirt, Trim, and Siding - Residence 2
- White Paint on Interior Walls - Residence 3
- White on Exterior Wood Walls and Trim - Residence 3
- White Paint on Interior Walls - Residence 3
- White Paint on Interior Drywall - Residence 4
- White Paint on Interior Drywall - Residence 5
- Blue Ceramic Wall Tile - Residence 5; Bathroom
- White Paint on Exterior Wood Siding - Residence 6
- Pink Paint on Interior Drywall - Residence 7
- Pink Paint on Exterior Wood Siding - Residence 7
- White Paint on Exterior Trim and Siding - Residence 8
- Dark Green Paint on Interior Wood Trim - Residence 8
- Red Paint on Interior Drywall - Residence 9
- Blue Paint on Interior Drywall - Residence 9

Other Hazardous Materials

Entek did not specifically inspect for mercury containing fluorescent light tubes or light ballast which may contain polychlorinated biphenyls (PCBs), thermostats which may contain mercury switches, equipment or systems which may contain Freon or other fluorocarbons, or smoke detectors which may contain a radioactive element. However, information pertaining to these materials is included in this report for your use and reference, since these light systems are present on the project.

Introduction

This report presents results of an asbestos and lead survey performed by Entek which included the interior and exterior areas of nine single family residences and three barns included in an upcoming restoration project. The nine houses and three barns are located at the Liberty Island Ranch in Dixon, California. Fluorescent lights were observed at this project site; therefore, this report also includes references to regulations pertaining to handling practices and waste disposal of PCB light ballasts and mercury containing light tubes and thermostats which may be impacted during this project.

The inspection was conducted by Mr. Andrew Roed and Mr. Ryan Metzen on August 24 and 28, September 12 and 13, and October 18, 2017. Mr. Roed is a Cal/OSHA Certified Asbestos Consultant (CAC) and a State of California Department of Public Health (CDPH) certified Lead Inspector/Assessor. Mr. Metzen is a Cal/OSHA Certified Site Surveillance Technicians (CSST) and a State of California Department of Public Health (CDPH) certified Lead Sampling Technician.

This report was prepared for Mr. Ryan Schmidt, Project Engineer with Blackburn Consulting (Blackburn).

Building Description

Residence 1 is a single story single family residence on a raised foundation. Interior finishes include vinyl floor tiles, sheet vinyl flooring, ceramic floor tile, drywall wall and ceiling systems, and brick and mortar walls. The roof is pitched and has 3-tab asphaltic shingles. Please note that above ceiling was inaccessible. The gray HVAC tape contains asbestos and the cementitious flu pipe is assumed to contain asbestos. Please note that any roof mastic is also assumed to contain asbestos.

Residence 2 is a single story, wood framed, single family residence on a raised foundation. Interior finishes includes various sheet vinyl flooring and painted drywall with joint compound walls and ceilings systems. Exterior finishes include painted wood siding and trim. The roof is pitched and is comprised of 3-tab asphaltic shingles. Please note that above ceiling was inaccessible. The cementitious flu pipe is assumed to contain asbestos. The sheet vinyl flooring, knockdown texture, drywall with joint compound, and the roof mastic all contained asbestos.

Residence 3 is a single story, wood framed, single family residence on a raised foundation. Interior finishes includes various sheet vinyl flooring, drywall with joint compound walls and ceilings systems. Exterior finishes include painted cementitious siding. The roof is a pitched and comprised of 3-tab asphaltic shingles. Various sheet vinyl flooring, drywall and joint compound, roof mastic (assumed), gray exterior cementitious shingles, and the cementitious flu pipe (assumed) all contain asbestos,

Residence 4 is a single story, wood framed, single family residence on a raised foundation. Interior finishes includes various sheet vinyl flooring and drywall with joint compound walls and ceilings systems. Exterior finishes include painted cementitious siding. The roof is a pitched and comprised of 3-tab asphaltic shingles. The drywall and joint compound, roof mastic, white exterior cementitious shingles, and the cementitious flu pipe (assumed) all

contain asbestos.

Residence 5 is a single story, wood framed, single family residence on a raised foundation. Interior finishes includes various sheet vinyl flooring and drywall with joint compound walls and ceilings systems. Exterior finishes include painted cementitious siding. The roof is a pitched and comprised of a combination of 3-tab asphaltic shingles and metal. The drywall and joint compound, knockdown texture, roof mastic (assumed), exterior cementitious tiles, and the cementitious flu pipe (assumed) all contain asbestos.

Residence 6 is a single story, wood framed, single family residence on a raised foundation. Interior finishes includes various sheet vinyl flooring and textured drywall with joint compound walls and ceilings systems. Exterior finishes include painted cementitious tiles. The roof is a pitched and comprised of 3-tab asphaltic shingles. The drywall and joint compound, knockdown texture, roof mastic (assumed), exterior cementitious siding, and the cementitious flu pipe (assumed) all contain asbestos.

Residence 7 is a single story, wood framed, single family residence on a raised foundation. Interior finishes includes various sheet vinyl flooring and drywall with joint compound walls and ceilings systems. Exterior finishes include painted cementitious siding. The roof is a pitched and comprised of 3-tab asphaltic shingles. The drywall and joint compound, roof mastic (assumed), exterior cementitious tiles, and the cementitious flu pipe (assumed) all contain asbestos.

Residence 8 is a single story, wood framed, single family residence on a raised foundation. Interior finishes includes various sheet vinyl flooring and drywall with joint compound walls and ceilings systems. Exterior finishes include painted cementitious siding. The roof is a pitched and comprised of 3-tab asphaltic shingles. The drywall and joint compound, roof mastic, exterior cementitious tiles, and the cementitious flu pipe (assumed) all contain asbestos.

Residence 9 is a two story, wood framed, single family residence on a raised foundation. Interior finishes includes various sheet vinyl flooring, vinyl floor tile, carpet, and textured drywall with joint compound walls and ceilings systems. Exterior finishes include painted cementitious tiles. The roof is a pitched and comprised of 3-tab asphaltic shingles. The drywall and joint compound, sheet vinyl flooring, vinyl floor tile, roof mastic (assumed), exterior cementitious siding, and the cementitious flu pipe (assumed) all contain asbestos.

All nine single family residences were in comprising conditions (except Residences 1 and 2). Cementitious pipe (assumed to be asbestos) was observed in several of the residences. Above ceiling access was not available without demolishing any parts of the ceiling in most of the residences. Some of the residences had their ceiling missing. Cementitious flu pipes were observed along with a wood ceiling deck and fiberglass insulated ducts. All single family residences had raised foundations in which no materials “suspect” for containing asbestos were observed. Also, please note that all roofs of the residences were severely damaged and did not appear could bear any extra weight. Roofing mastic was not sampled on each roof due to safety access issues, but was tested on some of the residences in which the mastics did contain asbestos. This roofing mastic is black/gray and is a separate material from the actual roofing material. The roofing mastic appears on seams or around penetrations on the roof when it was observed. The asbestos containing cementitious flu

pipe is assumed to be in each residence. Due to the age of the building, there also might be asbestos containing cementitious pipe underground that could not be observed for access reasons.

Barn 1 is a single story, exposed concrete slab on grade foundation, metal and wood structure. Barn 1 has an attached kitchen area that is a wood framed structure that contains sheet vinyl flooring and wood walls. The window putty surrounding the windows contains asbestos. The roof is pitched and comprised of metal. Please note that one sample of concrete contained <1% asbestos. Three confirmation samples were collected in which all three samples were reported as none detected. There is a potential that the concrete surface is contaminated with asbestos containing dust from the window putty.

Barn 2 is a single story, concrete slab on foundation, wood framed structure that contains a finished interior. Barn 2 contains sheet vinyl flooring and textured drywall with joint compound walls and ceilings. The roof is pitched and is comprised of wood. The black/gray roof mastic and cementitious pipe are assumed to contain asbestos.

Barn 3 is a single story, exposed concrete slab on foundation, metal and wood structure. The roof is pitched and comprised of metal. No asbestos was detected in the materials sampled.

Asbestos Inspection and Sample Collection Protocols

Entek included all interior and exterior areas of the designated nine single family residences and three barns at the request of Mr. Ryan Schmidt, Project Engineer with Blackburn Consulting.

Entek did not use any demolition methods to look within enclosed wall or ceiling cavities during this investigation. Entek did include all suspect materials observed in, on, or associated with the areas included in this report.

Bulk samples were collected of various materials suspected to contain asbestos by utilizing a power drill and coring tube, cutting the materials with a razor knife, or use of other appropriate hand tools.

Surfacing materials were collected in a statistically random manner representative of the associated homogenous area as required in 40 CFR Part 763, Asbestos-Containing Materials in Schools; Final Rule and Notice, published October 30, 1987.

Miscellaneous materials were collected from each homogenous area in a manner sufficient to determine whether the material is or is not ACM as required in 40 CFR Part 763, Asbestos-Containing Materials in Schools; Final Rule and Notice, published October 30, 1987.

Approximate locations of all samples collected during this inspection are indicated on the "Bulk Asbestos Material Analysis Request Form for Entek", which served as the chain of custody for the samples, and on the building diagrams attached to this report.

Asbestos Bulk Sample Results

There were several materials observed which are considered “suspect” under US EPA guidelines. Under current US EPA guidelines for conducting building inspections for ACM, all “suspect” materials must be assumed to contain asbestos until otherwise determined by laboratory testing.

The samples of materials suspected of containing asbestos were submitted to Asbestech, a laboratory located in Carmichael, California. These samples were subsequently analyzed by polarized light microscopy (PLM) with dispersion staining.

The US EPA NESHAP and YSAQMD uses the terms Regulated Asbestos Containing Material (RACM), Category I, and Category II when identifying materials which contain asbestos in amounts greater than 1%. Cal/OSHA uses the term Asbestos Containing Material (ACM) for materials containing >1% asbestos and the term Asbestos Containing Construction Material (ACCM) which indicates a manufactured construction material contains greater than 0.1% asbestos by weight by the PLM method. This definition can be found in Title 8, 1529.

All samples found to contain <1% asbestos by PLM analysis which are not identified as containing >1% asbestos, classified as RACM, CAT-I, or CAT-II materials in the following results tables were additionally analyzed using the 400 point count (PC) method with analysis by PLM. This additional analysis is required by NESHAP and enforced by YSAQMD. The PC method analysis results were used only to verify a material did not contain >1% asbestos as a single layer material, or as a composite result which is provided for materials such as sheet rock/drywall and joint compound used for wall/ceiling systems. A result reported as none detected or “trace” by the PC method only verified the initial PLM result of <1% and shall not be used to determine the identified material does not contain asbestos. Copies of Asbestech’s laboratory reports and accreditations are attached.

Neither OSHA or Cal/OSHA allow for composite sampling of wall system materials, and neither address the use of the PC method to confirm a material identified as containing <1% asbestos by the PLM method either contains <1% asbestos or is non-detected for asbestos. As a result, reporting of the asbestos content related to a composited material such as sheet rock/drywall and joint compound does not apply to determining if a material is or is not an ACM by OSHA or an ACCM by Cal/OSHA.

A total of 175 bulk samples were collected of all the “suspect” materials that were observed during this investigation. Some of those samples contained multiple layers which were individually analyzed to determine their asbestos content. Analysis of all samples collected was by PLM with dispersion staining. Results of the analysis are listed in the following tables:

Suspect Materials Found or Known TO Contain >1% Asbestos (RACM)				
Sample ID#'s	Suspect Material	Asbestos Content/Type (%) by PLM/PC	Location	Total Estimated Quantity
Residence 1				
07A	Gray Cloth Wrap on HVAC Ducting	60-70% Chrysotile	Above Ceiling; HVAC Ducting	20 SF
Residence 2				
02A-B	Gray Sheet Vinyl Flooring (Brick Pattern) and Tan Mastic	20-30% Chrysotile (Gray Sheet Vinyl Flooring)	Kitchen and Restroom Closet	400 SF
04A-B	Beige 8" x 8" Vinyl Sheet Flooring with Tan Mastic and Gray Sheet Vinyl Flooring Underneath this Flooring	None Detected (Beige 8" x 8" Vinyl Sheet Flooring) None Detected (Tan Mastic) 15-20% Chrysotile (Gray Sheet Vinyl Flooring)	Hallway	200 SF
Residence 3				
06A	White Sheet Vinyl Flooring with Paper and Brown Felt	15-20% Chrysotile (White Sheet Vinyl Flooring) None Detected (Brown Felt)	North Bedroom	50 SF
Residence 4				
No RACM Discovered				
Residence 5				
No RACM Discovered				
Residence 6				
No RACM Discovered				
Residence 7				
No RACM Discovered				
Residence 8				
No RACM Discovered				
Residence 9				

Suspect Materials Found or Known TO Contain >1% Asbestos (RACM)				
Sample ID#'s	Suspect Material	Asbestos Content/Type (%) by PLM/PC	Location	Total Estimated Quantity
01A-B	Tan Pebble Dsign Sheet Vinyl Flooring and Felt Paper with Tan Mastic and Beige Sheet Vinyl Flooring	15-20% Chrysotile (Tan Sheet Vinyl Flooring) None Detected (Tan Mastic) None Detected (Beige Sheet Vinyl Flooring)	North Bedroom	50 SF
Barn 1				
No RACM Discovered				
Barn 2				
No RACM Discovered				
Barn 3				
No RACM Discovered				

Suspect Materials Found or Known TO Contain >1% Asbestos (CAT-I)				
Sample ID#'s	Suspect Material	Asbestos Content/Type (%) by PLM/PC	Location	Total Estimated Quantity
Residence 1				
No CAT-I Asbestos Containing Materials Discovered				
Residence 2				
No CAT-I Asbestos Containing Materials Discovered				
Residence 3				
No CAT-I Asbestos Containing Materials Discovered				
Residence 4				
No CAT-I Asbestos Containing Materials Discovered				
Residence 5				
No CAT-I Asbestos Containing Materials Discovered				
Residence 6				
No CAT-I Asbestos Containing Materials Discovered				
Residence 7				



Suspect Materials Found or Known TO Contain >1% Asbestos (CAT-I)				
Sample ID#	Suspect Material	Asbestos Content/Type (%) by PLM/PC	Location	Total Estimated Quantity
No CAT-I Asbestos Containing Materials Discovered				
Residence 8				
No CAT-I Asbestos Containing Materials Discovered				
Residence 9				
06A-B	9" x 9" Tan Vinyl Floor Tile with Black Mastic	1-5% Chrysotile (Tan 9" x 9" Vinyl Floor Tile) None Detected (Black Mastic)	1 st Floor; Living Room	600 SF
07A-B	9" x 9" Gray Vinyl Floor Tile with Black Mastic	1-5% Chrysotile (Gray 9" x 9" Vinyl Floor Tile) None Detected (Black Mastic)	1 st Floor; Living Room	300 SF
Barn 1				
No CAT-I Asbestos Containing Materials Discovered				
Barn 2				
No CAT-I Asbestos Containing Materials Discovered				
Barn 3				
No CAT-I Asbestos Containing Materials Discovered				

Suspect Materials Found or Known TO Contain >1% Asbestos (CAT-II)				
Sample ID#s	Suspect Material	Asbestos Content/Type (%) by PLM/PC	Location	Total Estimated Quantity
Residence 1				
Not Sampled	Tranite Flu Pipe	Assumed >1% Asbestos	Above Ceiling	15 LF
Not Sampled	Black/Gray Roof Mastic	Assumed >1% Asbestos	Roof	20 SF
Residence 2				
06A	Black/Gray Roof Mastic at Roof Penetration	10-15% Chrysotile	Roof	20 SF
Not Sampled	Tranite Flu Pipe	Assumed >1% Asbestos	Above Ceiling	15 LF
Residence 3				

Suspect Materials Found or Known TO Contain >1% Asbestos (CAT-II)				
Sample ID#'s	Suspect Material	Asbestos Content/Type (%) by PLM/PC	Location	Total Estimated Quantity
07A-B	Gray Cementitious Siding Shingles	2-7% Chrysotile	Exterior of Residence	10,000 SF
Not Sampled	Tranite Flu Pipe	Assumed >1% Asbestos	Above Ceiling	15 LF
Not Sampled	Black/Gray Roof Mastic	Assumed >1% Asbestos	Roof	20 SF
Residence 4				
01A-B	White Cementitious Siding Shingles	3-8% Chrysotile	Exterior of Residence	16,000 SF
Not Sampled	Tranite Flu Pipe	Assumed >1% Asbestos	Above Ceiling	15 LF
02A-B	Green Asphaltic Shingle Roof with Gray Shingles, Black Felt, and Black/Gray Roof Mastic	None Detected (Green Shingle) None Detected (Gray Shingle) None Detected (Black Felt) 3-8% Chrysotile (Black/Gray Roof Mastic)	Roof	25 SF
Residence 5				
03A-B	White Cementitious Siding Shingles	3-8% Chrysotile	Exterior of Residence	20,000 SF
Not Sampled	Tranite Flu Pipe	Assumed >1% Asbestos	Above Ceiling	15 LF
Not Sampled	Black/Gray Roof Mastic	Assumed >1% Asbestos	Roof	20 SF
Residence 6				
07A-B	White Cementitious Siding Shingles	3-8% Chrysotile	Exterior of Residence	20,000 SF
Not Sampled	Tranite Flu Pipe	Assumed >1% Asbestos	Above Ceiling	15 LF
Not Sampled	Black/Gray Roof Mastic	Assumed >1% Asbestos	Roof	25 SF
Residence 7				
07A-B	White Cementitious Siding Shingles	3-8% Chrysotile	Exterior of Residence	24,000 SF

Suspect Materials Found or Known TO Contain >1% Asbestos (CAT-II)				
Sample ID#'s	Suspect Material	Asbestos Content/Type (%) by PLM/PC	Location	Total Estimated Quantity
Not Sampled	Tranite Flu Pipe	Assumed >1% Asbestos	Above Ceiling	15 LF
Not Sampled	Black/Gray Roof Mastic	Assumed >1% Asbestos	Roof	25 SF
Residence 8				
01A-B	White Cementitious Siding Shingles	1-5% Chrysotile	Exterior of Residence	18,000 SF
Not Sampled	Tranite Flu Pipe	Assumed >1% Asbestos	Above Ceiling	15 LF
03A-B	Black Rolled Roofing over Green Shingles, White Shingles, Black Shingles, and Black/Gray Roof Mastic	None Detected (Black Rolled Roofing) None Detected (Green Shingles) None Detected (White Shingles) None Detected (Black Shingles) 1-5% Chrysotile (Black/Gray Roof Mastic)	Roof	25 SF
Residence 9				
01A-B	White Cementitious Siding Shingles	3-8% Chrysotile	Exterior of Residence	10,000 SF
Not Sampled	Tranite Flu Pipe	Assumed >1% Asbestos	Exterior of Home	20 LF
Not Sampled	Black/Gray Roof Mastic	Assumed >1% Asbestos	Roof	25 SF
Barn 1				
02A-B	White Window Putty	1-2% Chrysotile	Interior and Exterior of Windows	15 SF
Barn 2				
Not Sampled	Transite Flu Pipe	Assumed >1% Asbestos	Above Ceiling	15 SF
Not Sampled	Black/Gray Roof Mastic	Assumed >1% Asbestos	Roof	20 SF
Barn 3				

Suspect Materials Found or Known TO Contain >1% Asbestos (CAT-II)				
Sample ID#'s	Suspect Material	Asbestos Content/Type (%) by PLM/PC	Location	Total Estimated Quantity
No CAT-II Asbestos Containing Materials Discovered				

NOTE: Any Category I or Category II materials identified in the previous tables which will be subjected to mechanical removal, must be considered RACM for the purposes of notification to the YSAQMD and classification of waste. Removal of any Category I or Category II materials prior to demolition of a building is dependent upon how the materials will be impacted and if the impact will cause the materials to become friable. If any remaining Category I or Category II materials will become friable they must be removed prior to the initiation of demolition.

Suspect Materials Found or Known TO Contain <1% Asbestos (ACCM)				
Sample ID#'s	Suspect Material	Asbestos Content/Type (%) by PLM/PC	Location	Total Estimated Quantity (Sq./Ln./Cu. Ft.)
Residence 1				
No Asbestos Containing Construction Materials Discovered				
Residence 2				
01A-B	Joint Compound Associated with Drywall	None Detected (Drywall) 1-2% Chrysotile (Joint Compound) <1% Chrysotile (As a Composite) (Results confirmed by 400 Point Count)	Throughout	3,000 SF
Residence 3				
03A-C	Joint Compound Associated with Drywall	None Detected (Drywall) <1% Chrysotile (Joint Compound) <1% Chrysotile (As a Composite) (Results confirmed by 400 Point Count)	Throughout	2,500 SF
Residence 4				

Suspect Materials Found or Known TO Contain <1% Asbestos (ACCM)				
Sample ID#'s	Suspect Material	Asbestos Content/Type (%) by PLM/PC	Location	Total Estimated Quantity (Sq./Ln./Cu. Ft.)
03A-C	Joint Compound Associated with Drywall	None Detected (Drywall) <1% Chrysotile (Joint Compound) <1% Chrysotile (As a Composite) (Results confirmed by 400 Point Count)	Throughout	3,000 SF
Residence 5				
01A-B	Joint Compound Associated with Drywall	None Detected (Drywall) <1% Chrysotile (Joint Compound) <1% Chrysotile (As a Composite) (Results confirmed by 400 Point Count)	Throughout	3,000 SF
02A-C	Heavy Texture	<1% Chrysotile (Results confirmed by 400 Point Count)	Kitchen and Bedroom 2	800 SF
Residence 6				
01A-C	Joint Compound Associated with Drywall	None Detected (Drywall) <1% Chrysotile (Joint Compound) <1% Chrysotile (As a Composite) (Results confirmed by 400 Point Count)	Throughout	3,500 SF
05A-C	White Troweled-On Texture	<1% Chrysotile (Results confirmed by 400 Point Count)	Back House	1,500 SF
Residence 7				
01A-C	Joint Compound Associated with Drywall	None Detected (Drywall) <1% Chrysotile (Joint Compound) <1% Chrysotile (As a Composite) (Results confirmed by 400 Point Count)	Throughout	4,000 SF

Suspect Materials Found or Known TO Contain <1% Asbestos (ACCM)				
Sample ID#'s	Suspect Material	Asbestos Content/Type (%) by PLM/PC	Location	Total Estimated Quantity (Sq./Ln./Cu. Ft.)
Residence 8				
08A-C	Joint Compound Associated with Drywall	None Detected (Drywall) <1% Chrysotile (Joint Compound) <1% Chrysotile (As a Composite) (Results confirmed by 400 Point Count)	Throughout	3,000 SF
Residence 9				
10A-C	Joint Compound Associated with Drywall	None Detected (Drywall) <1% Chrysotile (Joint Compound) <1% Chrysotile (As a Composite) (Results confirmed by 400 Point Count)	Throughout	6,000 SF
Barn 1				
No Asbestos Containing Construction Materials Discovered				
Barn 2				
No Asbestos Containing Construction Materials Discovered				
Barn 3				
No Asbestos Containing Construction Materials Discovered				

NOTE: Cal/OSHA regulates all materials containing greater than 0.1% asbestos. As a result, impact to materials identified as ACCM and ACM must be performed by properly asbestos trained personnel utilizing appropriate personal protection, work practices, as well as, properly constructed and demarcated work areas or containments, in accordance with Cal/OSHA asbestos regulations.

Suspect Materials Found NOT TO Contain Asbestos or Considered Non-Suspect				
Sample ID#'s	Suspect Material	EPA AHERA "Suspected" ACBM	Asbestos Content	Location
Residence 1				
01A-B	Green peel and Stick Floor Tiles with Clear Glue	Miscellaneous	None Detected	Bedroom #2 and #4

Suspect Materials Found NOT TO Contain Asbestos or Considered Non-Suspect				
Sample ID#'s	Suspect Material	EPA AHERA "Suspected" ACBM	Asbestos Content	Location
02A	White Peel and Stick Vinyl Floor Tile with Clear Glue	Miscellaneous	None Detected	Bathroom #2
03A-B	Wood Pattern peel and Stick Vinyl Floor Tile with Clear Glue	Miscellaneous	None Detected	Living Room
04A-B	Sheet Vinyl Flooring (with a Wood 12" x 12" Tile Design) Peel and Stick with Tan Mastic and Red/White Sheet Vinyl Flooring	Miscellaneous	None Detected	Dining Room and Kitchen
05A-B	White Sheet Vinyl Flooring with Diamond Pattern, Yellow Mastic, and White Floor Leveler	Miscellaneous	None Detected	Laundry Room and Bedroom #1
06A	White Sheet Vinyl Flooring with Diamond and Square Pattern with Clear Mastic	Miscellaneous	None Detected	Storage Room
08A-E	Drywall and Joint Compound	Miscellaneous	None Detected	Throughout
09A-E	White Heavy Texture	Surfacing	None Detected	Throughout
10A	White Exterior Window Putty with White Caulk	Miscellaneous	None Detected	Exterior Windows
11A	Yellow Mastic Behind Fiberglass Reinforced Paneling	Miscellaneous	None Detected	Bathroom #2
12A	Red Brick and Gray Mortar	Miscellaneous	None Detected	Living Room
13A	Brown 12" x 12" Ceramic Tile with Gray Grout	Miscellaneous	None Detected	Bathroom #1

Suspect Materials Found NOT TO Contain Asbestos or Considered Non-Suspect				
Sample ID#'s	Suspect Material	EPA AHERA "Suspected" ACBM	Asbestos Content	Location
14A-B	Black Asphaltic 3-Tab Shingles with Black Felt Paper and White Coating	Miscellaneous	None Detected	Roof
15A	Black Asphalt Foundation	Miscellaneous	None Detected	Exterior
16A	Concrete Foundation	Miscellaneous	None Detected	Exterior
Residence 2				
03A-C	White Knockdown Texture	Surfacing	None Detected	Room #2
05A-B	Black Asphaltic Shingle Roofing	Miscellaneous	None Detected	Roof
07A	Gray Concrete	Miscellaneous	None Detected	Throughout
08A	Black Asphaltic Foundation	Miscellaneous	None Detected	Outside Residence
Residence 3				
01A-B	Green Asphaltic Roofing with Black Felt	Miscellaneous	None Detected	Roof
02A-B	Pink and Yellow Vinyl Sheet Flooring and Red Mastic	Miscellaneous	None Detected	North Bedroom
04A-B	Wood Look Vinyl Floor Tile and Clear Mastic	Miscellaneous	None Detected	Kitchen
05A-B	White Vinyl Floor Tile with Yellow Mastic	Miscellaneous	None Detected	Bathroom
Residence 4				
04A-C	White Plaster-Like Ceiling Board	Surfacing	None Detected	Northwest Room Debris Pile
05A-B	White Sheet Vinyl Flooring with Paper Backing, Gray Mastic, and Gray Leveler	Miscellaneous	None Detected	Kitchen
06A-B	White Sheet Vinyl Flooring with Paper Backing and Yellow Mastic	Miscellaneous	None Detected	Restroom

Suspect Materials Found NOT TO Contain Asbestos or Considered Non-Suspect				
Sample ID#'s	Suspect Material	EPA AHERA "Suspected" ACBM	Asbestos Content	Location
07A-B	White Window Glazing	Miscellaneous	None Detected	Exterior Windows
Residence 5				
04A	Blue Ceramic Wall Tile with White Grout and Yellow Mastic	Miscellaneous	None Detected	Bathroom
05A-B	White Sheet Vinyl Flooring with Rectangle Design, Yellow Mastic and Gray Felt	Miscellaneous	None Detected	Back Entry
06A-B	White Vinyl Sheet Flooring with Diamond Design, Yellow Mastic and Gray Felt	Miscellaneous	None Detected	Kitchen
07A-B	White Window Putty	Miscellaneous	None Detected	Exterior Windows
08A-B	Green Asphaltic Roofing with Black Felt	Miscellaneous	None Detected	Roof
Residence 6				
02A-E	White Wall and Ceiling Texture	Surfacing	None Detected	Main House
03A	Green Tile-Look Wall Panel with Black Mastic	Miscellaneous	None Detected	Bathroom
04A-B	White Vinyl Sheet Flooring with Brown Mastic	Miscellaneous	None Detected	Back House
06A	Beige 1" x 1" Vinyl Sheet Flooring	Miscellaneous	None Detected	Exterior Debris Pile
08A-B	Multicolor Asphaltic Roofing Shingle with Black Felt	Miscellaneous	None Detected	Roof
Residence 7				

Suspect Materials Found NOT TO Contain Asbestos or Considered Non-Suspect				
Sample ID#'s	Suspect Material	EPA AHERA "Suspected" ACBM	Asbestos Content	Location
02A	White Square Pattern Vinyl Sheet Flooring with Yellow Mastic, Beige Vinyl Sheet Flooring, and Yellow Mastic	Miscellaneous	None Detected	Back Entry
03A	White Flower Pattern Vinyl Sheet Flooring with Yellow Mastic and White Felt	Miscellaneous	None Detected	Back Entry
04A	White Rectangle Pattern Vinyl Sheet Flooring with Yellow Mastic	Miscellaneous	None Detected	Back Entry
05A	Red Window Putty with Green Paint	Miscellaneous	None Detected	Exterior Windows
06A-B	White Asphaltic Roofing, Black Asphaltic Roofing, and Black Felt	Miscellaneous	None Detected	Roof
08A-B	Beige Diamond Pattern with Foam Backing, Vinyl Sheet Flooring and Yellow Mastic	Miscellaneous	None Detected	Kitchen and Restroom
Residence 8				
04A	Wood Pattern Sheet Vinyl Flooring with Tan Mastic	Miscellaneous	None Detected	Restroom
05A	Green Sheet Vinyl Flooring with Brown Mastic	Miscellaneous	None Detected	Restroom
06A-B	Beige Swirl Design Sheet Vinyl Flooring with Red Coating and Red Mastic	Miscellaneous	None Detected	Bedroom
07A	White Vinyl Sheet Flooring with Brown Mastic	Miscellaneous	None Detected	Entryway
Residence 9				

Suspect Materials Found NOT TO Contain Asbestos or Considered Non-Suspect				
Sample ID#'s	Suspect Material	EPA AHERA "Suspected" ACM	Asbestos Content	Location
02A	Rose Pattern Wallpaper with Yellow Glue	Miscellaneous	None Detected	Bedroom
03A	Red, White, and Blue Plant Design Wallpaper with Yellow Glue	Miscellaneous	None Detected	Living Room
04A	Vine with Berry Design Wallpaper with White Glue	Miscellaneous	None Detected	Living Room
05A-B	White Sheet Vinyl Flooring and Felt paper with Yellow Mastic over Yellow Sheet Vinyl Flooring and Felt Paper with Black Mastic	Miscellaneous	None Detected	Restroom
08A-B	Tan Vinyl Sheet Flooring with Red Mastic and Black Mastic	Miscellaneous	None Detected	2 nd Floor Hallway
09A	Concrete	Miscellaneous	None Detected	Exterior Piers
12A-B	White Chalky Window Putty	Miscellaneous	None Detected	Exterior Windows
13A-B	White Asphalt Roof Shingles with Black Felt	Miscellaneous	None Detected	Roof
Barn 1				
03A-B	Tan Vinyl Sheet Flooring with a 6" x 6" Design with Brown Mastic	Miscellaneous	None Detected	Detached Kitchen
05A-C	Concrete Foundation	Miscellaneous	None Detected	Throughout
Barn 2				
01A-B	Drywall and Joint Compound	Miscellaneous	None Detected	Entry, Living Room, and Bedroom
02A-C	White Heavy Ceiling Texture	Surfacing	None Detected	Bedroom and Living Room

Suspect Materials Found NOT TO Contain Asbestos or Considered Non-Suspect				
Sample ID#'s	Suspect Material	EPA AHERA "Suspected" ACM	Asbestos Content	Location
03A-B	Tan Vinyl Sheet Flooring over Brown Flooring, Black Flooring, Gray Glue, and Brown Flooring	Miscellaneous	None Detected	Living Room
Barn 3				
01A	Concrete	Miscellaneous	None Detected	Throughout

All sample number noted in the tables above start with EGG-17-4478-Building Number-

The tables above provide an estimate of the amount of materials in square feet or linear feet. Contractors are responsible for quantifying the exact quantity of materials impacted by the renovation or demolition and shall not rely on the quantities in the above tables.

US EPA AHERA uses three terms when determining the classification of a material for the purpose of sampling. These terms include miscellaneous, surfacing, and thermal system insulation (TSI).

Miscellaneous materials are building materials on structural components, structural members or fixtures, such as floor and ceiling tiles, and does not include surfacing material or TSI.

Surfacing materials are materials that are sprayed-on, troweled-on, or otherwise applied to surfaces, such as acoustical plaster on ceiling and fireproofing materials on structural members, or other materials on surfaces for acoustical, fireproofing, or other purposes.

TSI is material applied to pipes, fittings, boilers, breeching, tanks, ducts, or other structural components to prevent heat loss or gain, water condensation, or for other purposes.

The information provided in the tables of this report are for use by the Owner in determining where asbestos containing materials are located, and whether or not any future work may impact those materials. The information is also provided for use by any contractor who may perform work in areas impacting the materials listed in this report, and for use as appropriate by asbestos abatement contractors to provide costs related to work impacting ACM.

Any building materials which are considered "suspect" for containing asbestos which have not been identified in this report must be assumed to contain asbestos in amounts >1% until properly investigated and/or tested.

Materials commonly excluded from being suspected for containing asbestos include, but are not limited to: unwrapped pink and yellow fiberglass insulating materials or products, foam insulation, wood, metal, plastic, or glass. All other types of building materials or coatings on the materials listed above are commonly listed as "suspect" and must be tested prior to impact by a Contractor. Work impacting these untested or newly discovered materials must

cease until an investigation can be completed.

Asbestos Regulatory Requirements

US EPA

The property included in this survey report is located in Solano County. Yolo-Solano Air Quality Management District (YSAQMD) has been given authority for enforcement of the NESHAP regulations by means of their own rules.

A demolition is the wrecking, taking out, or burning of any load supporting structural member. A renovation is everything else. 10 day written notification to the YSAQMD is required prior to the performance of any demolition project regardless of asbestos being present or not. This notification would also apply to any renovation project which involves the wrecking, taking out, or burning of any load bearing structural member during a renovation as well.

There is a sufficient amount of ACM present to require a 10 day notification to the YSAQMD be submitted prior to starting work which will impact materials identified as RACM or Category I and Category II materials if they are made friable. If more than 160 square feet, 260 linear feet or 35 cubic feet of RACM is planned for removal on the project, formal written notification to the YSAQMD is required.

Cal/OSHA

Disturbance of any ACM or ACCM could generate airborne asbestos fibers and would be regulated by Cal/OSHA. Cal/OSHA worker health and safety regulations apply during any disturbance of ACM or ACCM by a person while in the employ of another. This is true regardless of friability or quantity disturbed. Since it has been estimated more than 100 square feet of ACCM or ACM does exist and will be impacted during the upcoming project, a licensed asbestos contractor, certified by the State of California, and registered with Cal/OSHA is required to perform the asbestos related removal work. Entek recommends a licensed asbestos contractor be used to remove ACCM or ACM even if less than 100 square feet of ACCM or ACM is being disturbed.

For compliance with Title 8, Section 341.9, the asbestos contractor must send written notice at least one day (24 hours) prior to start of any work which will impact any amount of asbestos to the local office for the State of California, Department of Occupational Safety and Health, and perform all work in accordance with Cal/OSHA requirements.

Lead Sampling Results

Thirty-Four (34) bulk samples of the painted surfaces, ceramic glazes, and coatings were collected and submitted to Asbestech laboratory. These samples were subsequently analyzed by atomic absorption spectrometry (AAS). Results of the analysis are listed in the following tables:

Paints/Coatings/ Materials Determined to be Lead Based Paint (LBP)		
Paint/Coating Color or Material	Lead Content (ppm)	Component/Location
Residence 1		
White Over Green Paint	25,000	Exterior Wood Siding
White Paint	30,000	Exterior Wood Siding
Residence 2		
Tan Paint	32,000	Exterior Wood Siding
Residence 3		
White Paint	78,000	Interior Drywall
Residence 4		
White Paint	19,000	Exterior Wood Siding and Trim
Residence 5		
No Lead Based Paint Detected		
Residence 6		
White Paint	5,600	Interior Drywall
White Paint	80,000	Exterior Wood Trim
Residence 7		
White Paint	75,000	Exterior Wood Siding
Blue Paint	5,900	Exterior Wood Trim
Residence 8		
Light Blue Paint	52,000	Exterior Wood Siding
Residence 9		
Green Paint	60,000	Exterior Wood Trim
Barn 1		
White Paint	50,000	Exterior Wood Siding
Barn 2		
No Lead Based Paint Detected		
Barn 3		
No Lead Based Paint Detected		

LBP - Materials/coatings/paints meeting the definition of lead-based paint as defined by the CDPH and the US EPA, currently defined as containing lead in concentrations equal to or greater than 1.0 mg/cm², 5,000 ppm, or 0.5% by weight.

Paints/Coatings/ Materials Determined to be Lead Containing Paint (LCP)		
Paint/Coating Color or Material	Lead Content (ppm)	Component/Location
Residence 1		
Green Paint	2,400	Interior Drywall
White Paint	50	Interior Drywall
Maroon Paint	870	Interior Drywall; Storage Room
Brown over White Paint	260	Exterior Wood Deck
Residence 2		
Beige Paint	260	Interior Wood Panel Walls
White Paint	230	Interior Wood Panel Walls
Green Paint	1,000	Metal Roof
Brown over White Paint	4,800	Exterior Wood Skirt
Residence 3		
White Paint	590	Interior Drywall
White Paint	2,700	Exterior Wood Walls and Trim
Residence 4		
White Paint	1,700	Exterior Wood Siding and Trim
Residence 5		
White Paint	170	Interior Drywall
Ceramic Glaze	2,700	Blue Ceramic Wall Tile
Residence 6		
White Paint	2,100	Exterior Wood Siding
Residence 7		
Pink Paint	840	Interior Drywall
Pink Paint	1,300	Exterior Cementitious Siding
Residence 8		
White Paint	360	Exterior Wood Trim and Siding
Dark Green Paint	1,000	Interior Wood Trim
Residence 9		
Red Paint	130	Interior Drywall
Blue Paint	2,000	Interior Drywall
Barn 1		
No Lead Based Paint Detected		

Paints/Coatings/ Materials Determined to be Lead Containing Paint (LCP)		
Paint/Coating Color or Material	Lead Content (ppm)	Component/Location
Barn 2		
White Paint	1,900	Exterior Wood Walls
Barn 3		
No Lead Based Paint Detected		

LCP - Materials/coatings/paints which contain measurable amounts of lead. The disturbance of these materials/coatings/paints is regulated by Cal/OSHA.

Paints/Coatings/Materials Determined NOT TO Contain Lead (<50 ppm)	
Paint/Coating Color or Material	Building Component
Residence 1	
Brown Stain	Exterior Wood Deck
Residence 2	
No Paint Determined NOT To Contain Lead	
Residence 3	
No Paint Determined NOT To Contain Lead	
Residence 4	
No Paint Determined NOT To Contain Lead	
Residence 5	
White Paint	Exterior Wood Trim
Residence 6	
White Paint	Interior Drywall
Blue Paint	Interior Drywall
Residence 7	
No Paint Determined NOT To Contain Lead	
Residence 8	
Light Green Paint	Interior Drywall
Residence 9	
No Paints Determined Not To Contain Lead	
Barn 1	
No Paints Determined Not To Contain Lead	
Barn 2	
White Paint	None Detected

Paints/Coatings/Materials Determined NOT TO Contain Lead (<50 ppm)	
Paint/Coating Color or Material	Building Component
Barn 3	
No Paints Determined Not To Contain Lead	

Paints determined “NOT TO” contain lead for the purposes of this report are those samples which when analyzed did not indicate lead to be present at or above the limit of detection for the analysis method used. This limit of detection was 50 parts per million (ppm). As a result, any paints shown “NOT TO” contain lead will not require any special training or work practices related to lead when impacted.

Lead Regulatory Compliance

Any upcoming project which may result in the disturbance of lead containing products or surfaces, but is not intended to remediate a lead hazard or specifically designed to remove LBP to reduce or eliminate a known hazard, would be considered “lead related construction work”.

Lead related construction work does not fit the classification of a “lead abatement project” under CDPH Title 17 regulations. “*Abatement*” is defined in Title 17, Division 1, Chapter 8, Article 1 as “any set of measures designed to reduce or eliminate lead hazards or LBP for public and residential buildings, but does not include containment or cleaning.” A *lead hazard* is defined in Title 17, Division 1, Chapter 8, Article 1 as “deteriorated LBP, lead contaminated dust, lead contaminated soil, disturbing LBP or presumed LBP without containment, or any other nuisance which may result in persistent and quantifiable lead exposure.”

Lead related construction work means any “construction, alteration, painting, demolition, salvage, renovation, repair, or maintenance of any residential or public building, including preparation and cleanup, that, by using or disturbing lead-containing material or soil, may result in significant exposure of adults or children to lead”. (Title 17, California Code of Regulations, Division 1, Chapter 8, Article 1).

Currently, Cal/OSHA has not established a definition for LBP, nor have they established minimum concentrations where their regulations do not apply. Cal/OSHA regulates all construction activities involving materials containing lead, including LBP. These regulations are found in CCR, Title 8 Section 1532.1 (§1532.1) Lead in Construction.

Since Cal/OSHA has not established a concentration of lead in a product where their regulations do not apply, any disturbance to products containing lead come under the jurisdiction of Cal/OSHA and their regulations. Disturbance of paints/coatings or materials determined to be LBP may trigger a pre-work notification to Cal/OSHA if “trigger tasks” disturb 100 square feet or more of those paints/coatings or materials. Trigger tasks are described in Title 8 CCR 1532.1.

Fluorescent Light Tubes and Polychlorinated Biphenyls (PCBs)

Fluorescent light tubes which contain mercury are considered a universal waste and must be packaged and recycled appropriately if they are removed from a building and not used again. The regulation, called the Universal Waste Rule, are in the California Code of Regulations (CCR), Title 22, Division 4.5, Chapter 23.

Fluorescent light tubes are the bulb or tube portion of an electric lighting device and are commonly referred to as “lamps”. Examples of other common electric lamps considered to be universal wastes include, but are not limited to, high intensity discharge, neon, mercury vapor, high pressure sodium, and metal halide lamps. Any lamp which is not spent and has been designated to be reused is not classified as a waste and does not meet the requirements of a hazardous waste or a universal waste.

Spent lamps typically contain concentrations of mercury exceeding the established Total Threshold Limit Concentration (TTLC) and/or the Soluble Threshold Limit Concentration (STLC) values. Therefore, these lamps must be sent to an authorized recycle facility or to a universal waste consolidator for shipment to an authorized recycling facility.

At a minimum, if removed lamps will not be reused they must be packaged in boxes/packages/containers which are structurally sound, adequate to prevent breakage, and compatible with the content of the lamps. These packages must remain closed and be free of damage which could cause leakage under reasonably foreseeable conditions. Each container must be labeled or marked clearly with one of the following phrases: “Universal Waste Lamp(s),” or “Waste Lamp(s),” or “Used Lamp(s).” Entek recommends shipping any lamp not designated for reuse to a universal waste recycling facility once they have been packaged.

PCB containing light ballasts are to be considered a hazardous waste, and must be properly manifested for transport to a hazardous waste facility. Any contractor who may perform PCB related work (inspection, removal, clean-up) must be trained and qualified to do so. All workers must also follow current OSHA regulations including 29 CFR 1910.120 and 8 CCR 5192, as well as, other applicable federal, state, and local laws, and regulations. While light ballasts marked “No PCB” are not considered a hazardous waste, they are considered a universal waste. As a result, removal, packaging, and disposal/recycling of these types of ballasts must be conducted in accordance with current regulations of Title 22.

Thermostats With Mercury Switches

It is possible existing thermostats may utilize switches containing mercury. The mercury in these switches would be considered a hazardous waste if removed and disposed. Any work requiring removal of thermostats containing mercury switches, must include having the switches inspected for the presence of mercury, and subsequently following all requirements for packaging and disposal of any switch found to contain mercury.

Freon and Fluorocarbons

Freon and other fluorocarbon products associated with HVAC systems, refrigerators, etc. may be present in or on the exterior of the buildings included in this investigation. Prior to demolition of a structure or removal of existing HVAC systems, refrigerators, or any other

type of equipment which typically uses these types of coolant products shall have the coolant materials investigated prior to their demolition and removed from the mechanical systems and recycled in accordance with Cal/EPA requirements.

Smoke Detectors Which May Contain a Radioactive Element

It is possible existing smoke detectors may contain a radioactive element. These types of detectors are easily identified by reviewing the label which is usually found on the back of the detector. Older units may display the international radiation symbol (three bladed propeller) and the radioactive content. Newer units state the radioactive content and their Nuclear Regulatory Agency (NRC) license number.

Any work requiring the removal of smoke detectors with a radioactive element must include contacting the manufacturer of the smoke detector to determine their return policies. The California Department of Toxic Substance Control (DTSC) has stated that it is a condition of the manufacturers NRC license they must accept returned units for disposal.

Limitations

Entek inspected only the specific buildings as identified by Mr. Ryan Schmidt, Project Engineer with Blackburn Consulting, which did not include all buildings and areas located on the property. The residences were in comprising condition which did not allow for us to inspect attic spaces or the roofing materials other than what was accessible from the edge. As a result the information provided in this inspection report may not be used to extend the inspection results to areas not included in this report without additional review and sampling as necessary.

Entek did not perform any destructive sampling to look into ceiling and wall cavities. As a result, it may be possible for materials to be hidden in these areas which are not included in this report. Entek also did not employ any destructive measures on floors of interior spaces or exterior areas covered with asphalt, concrete, or dirt.

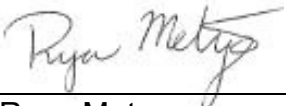
If any new materials not listed as having been sampled, or listed as assumed for containing asbestos in this report are discovered, the new material must be assumed to contain asbestos until properly inspected and tested for asbestos content.


Entek's policy is to retain a full copy of these written documents for three (3) years once the file is closed. At the end of the 3 year period the written files will be destroyed without further notice. It is suggested copies of the file(s) are maintained as per the Blackburn's policy.

Entek will be providing only this electronic copy of the report and its attachments for your use. However, if you would like a hard copy of this report please do not hesitate to ask. Entek will be happy to mail the report upon receipt of your request.



Thank you for choosing Entek for your environmental needs. Please call me at (916) 632-6800 if you have any questions regarding this report.

Prepared by: 
Ryan Metzen
Project Manager
Cal/OSHA CSST #16-5650
CDPH Lead ST#: 28445

Reviewed by: 
Andy Roed
Project Manager
Cal/OSHA CAC #16-5695
CDPH I/A Certification#: 29001

Appendices

- A. Asbestos Related Documents
- B. Lead Related Documents
- C. Backup Documentation

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APPENDIX A

ASBESTOS RELATED DOCUMENTS

- Bulk Asbestos Material Analysis Report Form for Entek
- Bulk Asbestos Analysis Report From Asbestech
- Bulk Asbestos Material Analysis Request Form for Entek
- Asbestos Bulk Sample Location Drawing



BULK ASBESTOS MATERIAL *Analysis Report*

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: August 24, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Site Address: Liberty Island
Dixon, CA 95620

SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R1-01A	NONE DETECTED	Green Peel and Stick Floor Tiles: Bedroom #2; with Clear Glue
ECG-17-4478-R1-01B	NONE DETECTED	Green Peel and Stick Floor Tiles: Bedroom #4: Near Bathroom Entrance with Clear Glue
ECG-17-4478-R1-02A	NONE DETECTED	White Peel and Stick Vinyl Floor Tile: with Clear Glue Bathroom #2: by Entryway into Bedroom #4
ECG-17-4478-R1-03A	NONE DETECTED	Wood Pattern Peel and Stick Vinyl Floor Tile: Living Room: Towards Entry to Hallway
ECG-17-4478-R1-03B	NONE DETECTED	Wood Pattern Peel and Stick Vinyl Floor Tile: Living Room: South Entrance
ECG-17-4478-R1-04A	NONE DETECTED	White Rolled Sheet Vinyl Flooring (12'x12" Tile Design) Peel and Stick Over Sheet Vinyl Flooring with Tan Mastic: Kitchen: by Entry way to Dining Room
ECG-17-4478-R1-04B	NONE DETECTED	White Rolled Sheet Vinyl Flooring (12'x12" Tile Design) Peel and Stick Over Sheet Vinyl Flooring with Tan Mastic: Kitchen at North Entryway
ECG-17-4478-R1-05A	NONE DETECTED	White Sheet Vinyl Flooring with Diamond Pattern: Laundry Room
ECG-17-4478-R1-05B	NONE DETECTED	White Sheet Vinyl Flooring with Diamond Pattern: Bedroom #1
ECG-17-4478-R1-06A	NONE DETECTED	White Sheet Vinyl Flooring With Diamond and Square Pattern: Storage Room: North East Corner
ECG-17-4478-R1-07A	60-70% CHRYSOTILE	Cloth Wrap on HVAC Ducting; Bedroom #4 Above Ceiling



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SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R1-08A	NONE DETECTED	Drywall & Joint Compound; Kitchen; South West Corner
ECG-17-4478-R1-08B	NONE DETECTED	Drywall & Joint Compound; Hallway; Next to Entry to Living Room
ECG-17-4478-R1-08C	NONE DETECTED	Drywall & Joint Compound; Bedroom #1; Closet
ECG-17-4478-R1-08D	NONE DETECTED	Drywall & Joint Compound; Bedroom #4 Corner
ECG-17-4478-R1-08E	NONE DETECTED	Drywall & Joint Compound; Bathroom #2 North East Corner
ECG-17-4478-R1-09A	NONE DETECTED	Heavy Wall Texture/Entryway, North East Corner
ECG-17-4478-R1-09B	NONE DETECTED	Heavy Wall Texture/Entryway, South East Corner
ECG-17-4478-R1-09C	NONE DETECTED	Heavy Wall Texture/Dining Room Near Kitchen Entrance
ECG-17-4478-R1-09D	NONE DETECTED	Heavy Wall Texture/Entryway near Refrigerator
ECG-17-4478-R1-09E	NONE DETECTED	Heavy Wall Texture/Kitchen South West Corner
ECG-17-4478-R1-10A	NONE DETECTED	Exterior Window Putty; Outside Kitchen
ECG-17-4478-R1-11A	NONE DETECTED	Yellow Mastic Behind FRP Bathtub; Bathroom #2
ECG-17-4478-R1-12A	NONE DETECTED	Red Brick and Gray Mortar; Living Room, Corner



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SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R1-13A	NONE DETECTED	Brown 12x12" Ceramic Tile with Gray Grout; Bathroom #1, Shower Room
ECG-17-4478-R1-14A	NONE DETECTED	Asphaltic 3 Top Shingles with Felt Paper, Roof North Side
ECG-17-4478-R1-14B	NONE DETECTED	Asphaltic 3 Top Shingles with Felt Paper, Roof West Side, South of Fireplace
ECG-17-4478-R1-15A	NONE DETECTED	Asphalt Foundation; Outside of Home North Side
ECG-17-4478-R1-16A	NONE DETECTED	Concrete Foundation; South East Corner of House

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BULK ASBESTOS MATERIAL *Analysis Report*

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Client Name: Blackburn Consulting

Site Address: Liberty Island
Dixon, CA 95620

SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R2-01A	NONE DETECTED	Drywall/Joint Compound: Room #2; Above Entry Door
ECG-17-4478-R2-01B	NONE DETECTED (Drywall) 1-2% CHRYSOTILE (Joint Compound #1) <1% CHRYSOTILE (White Composite)	Drywall/Joint Compound: Room #1; North West Corner
ECG-17-4478-R2-02A	20-30% CHRYSOTILE (Sheet Vinyl Flooring) NONE DETECTED (Tan Mastic)	Gray Vinyl Sheet Flooring (Brick Pattern) and Tan Mastic; Restroom, Closet
ECG-17-4478-R2-02B	NOT ANALYZED	Gray Vinyl Sheet Flooring (Brick Pattern) and Tan Mastic; Restroom, Closet
ECG-17-4478-R2-03A	NONE DETECTED	Knockdown Texture; Room #2; North Wall
ECG-17-4478-R2-03B	NONE DETECTED	Knockdown Texture; Room #2; West Wall
ECG-17-4478-R2-03C	NONE DETECTED	Knockdown Texture; Room #2; South Wall
ECG-17-4478-R2-04A	NONE DETECTED (Beige Vinyl Sheet Flooring) NONE DETECTED (Tan Mastic) 15-20% CHRYSOTILE (Gray Vinyl Sheet Flooring) NONE DETECTED (Tan Mastic)	Vinyl Sheet Flooring (Beige with 8"x8" Design) With Tan Mastic over Plywood



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Job Number: 17-4478

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Client Name: Blackburn Consulting

Site Address: Liberty Island
Dixon, CA 95620

SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R2-04B	NONE DETECTED (Beige Vinyl Sheet Flooring) NONE DETECTED (Tan Mastic) 15-20% CHRYSOTILE (Gray Vinyl Sheet Flooring)	Vinyl Sheet Flooring (Beige with 8"x8" Design) With Tan Mastic over Gray Vinyl Sheet Flooring With Tan Mastic
ECG-17-4478-R2-05A	NONE DETECTED	Asphaltic Shingle Roofing: North Side
ECG-17-4478-R2-05B	NONE DETECTED	Asphaltic Shingle Roofing: East Side
ECG-17-4478-R2-06A	10-15% CHRYSOTILE	Mastic Tar Roof Penetration: North Side
ECG-17-4478-R2-07A	NONE DETECTED	Concrete: Outside Home: East Side
ECG-17-4478-R2-08A	NONE DETECTED	Asphalt Foundation: Outside Home: East Side

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Date of Sampling: September 12 & 13, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Site Address: Liberty Island
Dixon, CA 95620

SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R3-01A	NONE DETECTED	Green Asphalt Roofing; Roof, North
ECG-17-4478-R3-01B	NONE DETECTED	Green Asphalt Roofing; Roof, South
ECG-17-4478-R3-02A	NONE DETECTED	Pink and Yellow Vinyl Sheet Flooring; North Bedroom
ECG-17-4478-R3-02B	NONE DETECTED	Pink and Yellow Vinyl Sheet Flooring; North Bedroom
ECG-17-4478-R3-03A	NONE DETECTED	Drywall and Joint Compound; North Bedroom
ECG-17-4478-R3-03B	NONE DETECTED (White Drywall) <1% CHRYSOTILE (White Joint Compound) <1% CHRYSOTILE (Composite)	Drywall and Joint Compound; Kitchen, North Wall
ECG-17-4478-R3-03C	NONE DETECTED (White Drywall) <1% CHRYSOTILE (White Joint Compound) <1% CHRYSOTILE (Composite)	Drywall and Joint Compound; Kitchen, South Wall
ECG-17-4478-R3-04A	NONE DETECTED	Wood Look Vinyl Floor Tile and Mastic; Kitchen, Middle
ECG-17-4478-R3-04B	NONE DETECTED	Wood Look Vinyl Floor Tile and Mastic; Kitchen, Middle
ECG-17-4478-R3-05A	NONE DETECTED	White Vinyl Floor Tile and Mastic; Bathroom, Middle



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Date of Sampling: September 12 & 13, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Site Address: Liberty Island
Dixon, CA 95620

SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R3-05B	NONE DETECTED	White Vinyl Floor Tile and Mastic; Bathroom, Middle
ECG-17-4478-R3-06A	15-20% CHRYSOTILE (Vinyl Sheet Flooring) NONE DETECTED (Brown Felt)	White Vinyl Sheet Flooring with Paper and Tan Mastic; Bedroom, North
ECG-17-4478-R3-07A	2-7% CHRYSOTILE (Gray Cementitious Siding) NONE DETECTED (Black Felt)	Cementitious Siding and Felt Paper; Front of House
ECG-17-4478-R3-07B	2-7% CHRYSOTILE (Gray Cementitious Siding) NONE DETECTED (Black Felt)	Cementitious Siding and Felt Paper; Front of House

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Date of Sampling: August 28, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Site Address: Liberty Island
Dixon, CA 95620

SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R4-01A	3-8% CHRYSOTILE (Cementitious Siding) NONE DETECTED (Black Felt)	White Cementitious Siding Over Felt Paper/Exterior Wall, West Side
ECG-17-4478-R4-01B	3-8% CHRYSOTILE (Cementitious Siding) NONE DETECTED (Black Felt)	White Cementitious Siding Over Felt Paper/Exterior Wall, East Side
ECG-17-4478-R4-02A	NONE DETECTED	Multi Layers Shingle Loof (White, Green Gray) Over Felt Paper/Roof, East Side, New Entrance
ECG-17-4478-R4-02B	NONE DETECTED (Shingle Roof) NONE DETECTED (Gray Shingle) NONE DETECTED (Black Felt) 3-8% CHRYSOTILE (Gray Mastic)	Multi Layers Shingle Loof (White, Green Gray) Over Felt Paper/Roof, East Side, New Entrance
ECG-17-4478-R4-03A	NONE DETECTED (Drywall) NONE DETECTED (Joint Compound #1) <1% CHRYSOTILE (Joint Compound #2) <1% CHRYSOTILE (Composite)	Drywall & Joint Compound/Living Room, South Wall
ECG-17-4478-R4-03B	NONE DETECTED	Drywall & Joint Compound/Living Room, North Wall
ECG-17-4478-R4-03C	NONE DETECTED	Drywall & Joint Compound/Hallway, East Wall
ECG-17-4478-R4-04A	NONE DETECTED	Plaster Like Ceiling Board/North West Room, Debris Pile



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Date of Sampling: August 28, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Site Address: Liberty Island
Dixon, CA 95620

SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R4-04B	NONE DETECTED	Plaster Like Ceiling Board/North West Room, Debris Pile
ECG-17-4478-R4-04C	NONE DETECTED	Plaster Like Ceiling Board/North West Room, Debris Pile
ECG-17-4478-R4-05A	NONE DETECTED	Multi, Layer Vinyl Sheet Flooring With Paper Backing/Kitchen, South End
ECG-17-4478-R4-05B	NONE DETECTED	Multi, Layer Vinyl Sheet Flooring With Paper Backing/Kitchen, North End
ECG-17-4478-R4-06A	NONE DETECTED	Vinyl Sheet Flooring With Paper Back/Restroom, Middle
ECG-17-4478-R4-06B	NONE DETECTED	Vinyl Sheet Flooring With Paper Back/Restroom, Middle
ECG-17-4478-R4-07A	NONE DETECTED	Window Glazing/Exterior Windows, East Side
ECG-17-4478-R4-07B	NONE DETECTED	Window Glazing/Exterior Windows, East Side

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BULK ASBESTOS MATERIAL *Analysis Report*

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Date of Sampling: September 12 & 13, 2017 **Lab:** Asbestech

Job Number: 17-4478 **Collected by:** Andy Roed

Client Name: Blackburn Consulting

Site Address: Liberty Island
Dixon, CA 95620

SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R5-01A	NONE DETECTED (Drywall) <1% CHRYSOTILE (Joint Compound) <1% CHRYSOTILE (Composite)	Drywall and Joint Compound; Bedroom 1, West
ECG-17-4478-R5-01B	NONE DETECTED (Drywall) <1% CHRYSOTILE (Joint Compound #1) <1% CHRYSOTILE (Joint Compound #2) <1% CHRYSOTILE (Composite)	Drywall and Joint Compound; Living Room, North
ECG-17-4478-R5-01C	NONE DETECTED (Drywall) NONE DETECTED (Joint Compound #1) <1% CHRYSOTILE (Joint Compound #2) <1% CHRYSOTILE (Composite)	Drywall and Joint Compound; Living Room, East
ECG-17-4478-R5-02A	<1% CHRYSOTILE	Heavy Texture; Bedroom 2, West
ECG-17-4478-R5-02B	<1% CHRYSOTILE	Heavy Texture; Kitchen, South
ECG-17-4478-R5-02C	<1% CHRYSOTILE	Heavy Texture; Kitchen, South
ECG-17-4478-R5-03A	1-5% CHRYSOTILE (Cement Siding Panel) NONE DETECTED (Black Felt)	Cement Siding Panels and Felt; Exterior, North Wall



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SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R5-03B	1-5% CHRYSOTILE (Cement Siding Panel) NONE DETECTED (Black Felt)	Cement Siding Panels and Felt; Near Entry
ECG-17-4478-R5-04A	NONE DETECTED	Blue Ceramic Tile and White Grout; Bathroom
ECG-17-4478-R5-05A	NONE DETECTED	White Vinyl Sheet Flooring with Rectangle Design; Back Entry
ECG-17-4478-R5-05B	NONE DETECTED	White Vinyl Sheet Flooring with Rectangle Design; Bathroom
ECG-17-4478-R5-06A	NONE DETECTED	White Vinyl Sheet Flooring with Diamond Design; Kitchen, Middle
ECG-17-4478-R5-06B	NONE DETECTED	White Vinyl Sheet Flooring with Diamond Design; Kitchen, Middle
ECG-17-4478-R5-07A	NONE DETECTED	Window Putty; Exterior Window, Back Entry
ECG-17-4478-R5-07B	NONE DETECTED	Window Putty; Exterior Window, Back Entry
ECG-17-4478-R5-08A	NONE DETECTED	Asphalt Roofing; Roof, Back Entry
ECG-17-4478-R5-08B	NONE DETECTED	Asphalt Roofing; Roof, Back Entry

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Job Number: 17-4478 **Collected by:** Andy Roed

Client Name: Blackburn Consulting

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SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R6-01A	NONE DETECTED	Drywall and Joint Compound; Dining Room, North Wall
ECG-17-4478-R6-01B	NONE DETECTED (Drywall) NONE DETECTED (Joint Compound #1) <1% CHRYSOTILE (Joint Compound #2) <1% CHRYSOTILE (Composite)	Drywall and Joint Compound; Dining Room, South Wall
ECG-17-4478-R6-01C	NONE DETECTED (Drywall) NONE DETECTED (Joint Compound #1) <1% CHRYSOTILE (Joint Compound #2) <1% CHRYSOTILE (Composite)	Drywall and Joint Compound; Bedroom, North Wall
ECG-17-4478-R6-02A	NONE DETECTED	Wall and Ceiling Texture (Main House); Dining Room
ECG-17-4478-R6-02B	NONE DETECTED	Wall and Ceiling Texture (Main House); Dining Room
ECG-17-4478-R6-02C	NONE DETECTED	Wall and Ceiling Texture (Main House); Living Room
ECG-17-4478-R6-02D	NONE DETECTED	Wall and Ceiling Texture (Main House); Bedroom
ECG-17-4478-R6-02E	NONE DETECTED	Wall and Ceiling Texture (Main House); Living Room
ECG-17-4478-R6-03A	NONE DETECTED	Tile Look Wall Panel/Black Mastic; Bathroom



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SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R6-04A	NONE DETECTED	White Vinyl Sheet Flooring; Back House, Living Room
ECG-17-4478-R6-04B	NONE DETECTED	White Vinyl Sheet Flooring; Back House, Living Room
ECG-17-4478-R6-05A	<1% CHRYSOTILE	Texture, Trowel Look; Back House, Living Room
ECG-17-4478-R6-05B	NONE DETECTED	Texture, Trowel Look; Back House, Living Room
ECG-17-4478-R6-05C	<1% CHRYSOTILE	Texture, Trowel Look; Back House, Bedroom
ECG-17-4478-R6-06A	NONE DETECTED	Vinyl Sheet Flooring, 1" x 1" Design; Debris Pile, Exterior
ECG-17-4478-R6-07A	3-8% CHRYSOTILE (Cement Siding Shingle) NONE DETECTED (Black Felt)	Cement Siding Shingle and Felt; Exterior, Near Kitchen
ECG-17-4478-R6-07B	3-8% CHRYSOTILE (Cement Siding Shingle) NONE DETECTED (Black Felt)	Cement Siding Shingle and Felt; Exterior, North End
ECG-17-4478-R6-08A	NONE DETECTED	Asphalt Roofing; Roof, East Side, Near Edge
ECG-17-4478-R6-08B	NONE DETECTED	Asphalt Roofing; Roof, East Side, Near Edge



BULK ASBESTOS MATERIAL *Analysis Report*

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Date of Sampling: September 12 & 13, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Site Address: Liberty Island
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SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R7-01A	NONE DETECTED	Drywall and Joint Compound; Entry
ECG-17-4478-R7-01B	NONE DETECTED (Drywall) <1% CHRYSOTILE (Joint Compound) <1% CHRYSOTILE (Composite)	Drywall and Joint Compound; Living Room
ECG-17-4478-R7-01C	NONE DETECTED (Drywall) <1% CHRYSOTILE (Joint Compound #1) <1% CHRYSOTILE (Joint Compound #2) <1% CHRYSOTILE (Composite)	Drywall and Joint Compound; Bedroom
ECG-17-4478-R7-02A	NONE DETECTED	Vinyl Sheet Flooring, Square Pattern (White); Back Entry
ECG-17-4478-R7-03A	NONE DETECTED	Vinyl Sheet Flooring, White Flower Pattern; Back Entry
ECG-17-4478-R7-04A	NONE DETECTED	Vinyl Sheet Flooring, White Rectangle Pattern; Back Entry
ECG-17-4478-R7-05A	NONE DETECTED	Window Putty; South Exterior Window
ECG-17-4478-R7-06A	NONE DETECTED	Asphalt Roofing; South End, Roof, Near Edge
ECG-17-4478-R7-06B	NONE DETECTED	Asphalt Roofing; South End, Roof, Near Edge



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Job Number: 17-4478

Collected by: Andy Roed

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SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R7-07A	3-8% CHRYSOTILE (Gray Cement Siding Panels) NONE DETECTED (White Stucco) NONE DETECTED (Pink Paint) NONE DETECTED (Black Felt)	Cement Siding Panels; South End, Exterior
ECG-17-4478-R7-07B	3-8% CHRYSOTILE (Gray Cement Siding Panels) NONE DETECTED (White Stucco) NONE DETECTED (Pink Paint) NONE DETECTED (Black Felt)	Cement Siding Panels; East End, Exterior
ECG-17-4478-R7-08A	NONE DETECTED	Vinyl Sheet Flooring, Diamond Pattern (Foam Backing) (Beige); Kitchen
ECG-17-4478-R7-08B	NONE DETECTED	Vinyl Sheet Flooring, Diamond Pattern (Foam Backing) (Beige); Restroom

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SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R8-01A	1-5% CHRYSOTILE (Cementitious Siding Panels) NONE DETECTED (Black Felt)	Cementitious Siding Panels and Felt; Exterior, South End
ECG-17-4478-R8-01B	1-5% CHRYSOTILE (Cementitious Siding Panels) NONE DETECTED (Black Felt)	Cementitious Siding Panels and Felt; Exterior, South End
ECG-17-4478-R8-02A	NONE DETECTED	Black/Gray Penetration Mastic; Exterior, South End
ECG-17-4478-R8-03A	NONE DETECTED (Rolled Roofing) 1-5% CHRYSOTILE (Mastic)	Asphalt Roofing (Rolled Roofing) over Green Shingles; Roof, Near Entry
ECG-17-4478-R8-03B	NONE DETECTED	Asphalt Roofing (Rolled Roofing) over Green Shingles; Roof, South End
ECG-17-4478-R8-04A	NONE DETECTED	Wood Pattern Vinyl Sheet Flooring and Tan Mastic; Restroom
ECG-17-4478-R8-05A	NONE DETECTED	Green Vinyl Sheet Flooring and Brown Mastic; Room near Restroom
ECG-17-4478-R8-06A	NONE DETECTED	Beige Vinyl Sheet Tile (Swirl Design) Mastic; Bedroom
ECG-17-4478-R8-06B	NONE DETECTED	Beige Vinyl Sheet Tile (Swirl Design) Mastic; Bedroom
ECG-17-4478-R8-07A	NONE DETECTED	White Vinyl Sheet Flooring and Brown Mastic; Entry



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SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R8-08A	NONE DETECTED (Drywall) <1% CHRYSOTILE (Joint Compound #1) <1% CHRYSOTILE (Joint Compound #2) <1% CHRYSOTILE (Composite)	Drywall and Joint Compound; Bedroom, South Corner
ECG-17-4478-R8-08B	NONE DETECTED	Drywall and Joint Compound; Bedroom, South Wall
ECG-17-4478-R8-08C	NONE DETECTED (Drywall) <1% CHRYSOTILE (Joint Compound #1) <1% CHRYSOTILE (Joint Compound #2) <1% CHRYSOTILE (Composite)	Drywall and Joint Compound; Kitchen, Southeast Corner
ECG-17-4478-R8-09A	NONE DETECTED	White with Pink and Blue Specks Vinyl Sheet Flooring and Black Mastic; Entry Way
ECG-17-4478-R8-10A	NONE DETECTED	Green Vinyl Floor Tile Square Pattern with Felt Paper and Tan Mastic; Kitchen
ECG-17-4478-R8-10B	NONE DETECTED	Green Vinyl Floor Tile Square Pattern with Felt Paper and Tan Mastic; Kitchen

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SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R9-01A	15-20% CHRYSOTILE (Tan Sheet Vinyl) NONE DETECTED (Tan Mastic) NONE DETECTED (Beige Sheet Vinyl) NONE DETECTED (Yellow Mastic) NONE DETECTED (Black Felt) NONE DETECTED (Tan Mastic) NONE DETECTED (Brown Mastic)	Pebble Design Vinyl Sheet Flooring and Tan Mastic and Felt Paper; Laundry Room
ECG-17-4478-R9-01B	15-20% CHRYSOTILE (Tan Sheet Vinyl) NONE DETECTED (Tan Mastic) NONE DETECTED (Beige Sheet Vinyl) NONE DETECTED (Yellow Mastic)	Pebble Design Vinyl Sheet Flooring and Tan Mastic and Felt Paper; Kitchen
ECG-17-4478-R9-02A	NONE DETECTED	Rose Pattern Wallpaper; Bedroom, East Wall
ECG-17-4478-R9-03A	NONE DETECTED	Red, White, and Blue Plant Design Wallpaper; Living Room, East
ECG-17-4478-R9-04A	NONE DETECTED	Vine with Berry Design Wallpaper; Living Room, West
ECG-17-4478-R9-05A	NONE DETECTED	White Vinyl Sheet Flooring over Yellow Vinyl Sheet Flooring with Black Mastic and Felt Paper; Restroom



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SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R9-05B	NONE DETECTED	White Vinyl Sheet Flooring over Yellow Vinyl Sheet Flooring with Black Mastic and Felt Paper; Restroom
ECG-17-4478-R9-06A	1-5% CHRYSOTILE (Vinyl Floor Tile) NONE DETECTED (Black Mastic)	9" x 9" Tan Vinyl Floor Tile and Black Mastic; Living Room
ECG-17-4478-R9-06B	1-5% CHRYSOTILE (Vinyl Floor Tile) NONE DETECTED (Black Mastic)	9" x 9" Tan Vinyl Floor Tile and Black Mastic; Living Room
ECG-17-4478-R9-07A	1-2% CHRYSOTILE (Vinyl Floor Tile) NONE DETECTED (Black Mastic)	9" x 9" Gray Vinyl Floor Tile and Black Mastic; Bedroom
ECG-17-4478-R9-07B	1-2% CHRYSOTILE (Vinyl Floor Tile) NONE DETECTED (Black Mastic)	9" x 9" Gray Vinyl Floor Tile and Black Mastic; Bedroom
ECG-17-4478-R9-08A	NONE DETECTED	Tan Vinyl Sheet Flooring and Black Mastic 2 nd Floor; Hallway
ECG-17-4478-R9-08B	NONE DETECTED	Tan Vinyl Sheet Flooring and Black Mastic 2 nd Floor; Hallway
ECG-17-4478-R9-09A	NONE DETECTED	Concrete; Exterior, Piers



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Client Name: Blackburn Consulting

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SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R9-10A	NONE DETECTED (Drywall) <1% CHRYSOTILE (Joint Compound #1) <1% CHRYSOTILE (Joint Compound #2) NONE DETECTED (Joint Compound #3) NONE DETECTED (Joint Compound #4) <1% CHRYSOTILE (Composite)	Drywall and Joint Compound; Living Room, Southeast Corner
ECG-17-4478-R9-10B	NONE DETECTED (Drywall) <1% CHRYSOTILE (Joint Compound #1) <1% CHRYSOTILE (Joint Compound #2) <1% CHRYSOTILE (Composite)	Drywall and Joint Compound; Living Room, Southwest Corner
ECG-17-4478-R9-10C	NONE DETECTED (Drywall) <1% CHRYSOTILE (Joint Compound) <1% CHRYSOTILE (Composite)	Drywall and Joint Compound; Bedroom, Southeast Corner
ECG-17-4478-R9-11A	3-8% CHRYSOTILE (Concrete Siding) NONE DETECTED (White Stucco) NONE DETECTED (Blue Paint) NONE DETECTED (Black Felt)	Concrete Siding Panels and Felt; Exterior, Southeast



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Lab: Asbestech

Job Number: 17-4478

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SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R9-11B	3-8% CHRYSOTILE (Concrete Siding) NONE DETECTED (White Stucco) NONE DETECTED (Blue Paint) NONE DETECTED (Black Felt)	Concrete Siding Panels and Felt; Exterior, Northeast
ECG-17-4478-R9-12A	NONE DETECTED	White Chalk Window Putty; Exterior, Window, East End
ECG-17-4478-R9-12B	NONE DETECTED	White Chalk Window Putty; Exterior, Window, East End
ECG-17-4478-R9-13A	NONE DETECTED	Asphalt Roof Shingles; Roof, East End, Near Edge
ECG-17-4478-R9-13B	NONE DETECTED	Asphalt Roof Shingles; Roof, East End, Near Edge

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Job Number: 17-4478

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SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-B1-01A	<1% CHRYSOTILE	Concrete; Main Foundation Pad, Middle
ECG-17-4478-B1-02A	NONE DETECTED	Window Putty; Back Wall, Windows
ECG-17-4478-B1-02B	1-2% CHRYSOTILE	Window Putty; Back Wall, Windows
ECG-17-4478-B1-03A	NONE DETECTED	Vinyl Sheet Flooring 6" x 6" Design, Brown Mastic; Detached Kitchen Room, Middle
ECG-17-4478-B1-03B	NONE DETECTED	Vinyl Sheet Flooring 6" x 6" Design, Brown Mastic; Detached Kitchen Room, Middle
ECG-17-4478-B1-04A	NONE DETECTED	Chalky White Window Putty; Front of Barn, Window
ECG-17-4478-B1-04B	NONE DETECTED	Chalky White Window Putty; Front of Barn Window

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Date of Sampling: August 28, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

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SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-B2-01A	NONE DETECTED	Drywall/Joint Compound: Room #2; Above Entry Door
ECG-17-4478-B2-01B	NONE DETECTED	Drywall/Joint Compound: Room #1; North West Corner
ECG-17-4478-B2-02A	NONE DETECTED	Heavy Ceiling Texture/Bedroom, North End
ECG-17-4478-B2-02B	NONE DETECTED	Heavy Ceiling Texture/Bedroom, North End
ECG-17-4478-B2-02C	NONE DETECTED	Heavy Ceiling Texture/Living Room, North End
ECG-17-4478-B2-03A	NONE DETECTED	Vinyl Sheet Flooring Over Other Flooring With Paper Backing/ Living Room, South End
ECG-17-4478-B2-03B	NONE DETECTED	Vinyl Sheet Flooring Over Other Flooring With Paper Backing/ Living Room, North End

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BULK ASBESTOS MATERIAL *Analysis Report*

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Date of Sampling: September 12 & 13, 2017 **Lab:** Asbestech

Job Number: 17-4478 **Collected by:** Andy Roed

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SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-B3-01A	NONE DETECTED	Concrete

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64685-1
 Date/Time Collected: 8/24/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/28/17

<u>Sample No.</u>	<u>Color/Description</u>	<u>% Type Asbestos</u>	<u>Other Materials</u>
ECG-17-4478-R1-01A	Green peel & stick floor tiles, bedroom #2	NONE DETECTED	Calcite
	Clear glue	NONE DETECTED	Synthetics
01B	Green peel & stick floor tiles, bedroom #4 near bathroom entrance	NONE DETECTED	Calcite
	Clear glue	NONE DETECTED	Synthetics
02A	White peel & stick vinyl floor tile, bathroom #2 by entryway into bedroom #4	NONE DETECTED	Calcite Vinyl
	Clear glue	NONE DETECTED	Synthetics
03A	Wood pattern peel & stick vinyl floor tile, living room towards entry to hallway	NONE DETECTED	Calcite Vinyl
	Clear glue	NONE DETECTED	Synthetics
03B	Wood pattern peel & stick vinyl floor tile, living room south entrance	NONE DETECTED	Calcite Vinyl
	Clear glue	NONE DETECTED	Synthetics

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1 % WITH THE PROVISO THAT PLM MAY NOT DETECT FIBERS <0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(a)(2)(A), THE MCL IS 1%. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.



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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64685-2
 Date/Time Collected: 8/24/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/28/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R1-04A	Wood rolled sheet vinyl flooring (12"x12" tile design) peel & stick, kitchen by entryway to dining room	NONE DETECTED	Vinyl Cellulose
	Tan mastic 1	NONE DETECTED	Synthetics
	Red & white sheet vinyl flooring	NONE DETECTED	Vinyl Cellulose
	Tan mastic 2	NONE DETECTED	Synthetics
	Red sheet vinyl flooring	NONE DETECTED	Opagues Cellulose
04B	Wood rolled sheet vinyl flooring (12"x12" tile design) peel & stick, kitchen at north entryway	NONE DETECTED	Vinyl Cellulose
	Tan mastic 1	NONE DETECTED	Synthetics
	Red & white sheet vinyl flooring	NONE DETECTED	Vinyl Cellulose
	Tan mastic 2	NONE DETECTED	Synthetics
	Red sheet vinyl flooring	NONE DETECTED	Opagues Cellulose



THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1 % WITH THE PROVISIO THAT PLM MAY NOT DETECT FIBERS <0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(a)(2)(A), THE MCL IS 1%. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64685-3
 Date/Time Collected: 8/24/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/28/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R1-05A	White sheet vinyl flooring w/ diamond pattern, laundry room	NONE DETECTED	Vinyl Cellulose
	Yellow mastic	NONE DETECTED	Synthetics
	White leveler	NONE DETECTED	Calcite
05B	White sheet vinyl flooring w/ diamond pattern, bedroom #1	NONE DETECTED	Vinyl Cellulose
	Yellow mastic	NONE DETECTED	Synthetics
06A	White sheet vinyl flooring w/ diamond & square pattern, storage room NE corner	NONE DETECTED	Vinyl Calcite
	Clear mastic	NONE DETECTED	Synthetics
07A	Gray cloth wrap on HVAC ducting, bedroom #4 above ceiling	60-70 CHRYSOTILE	Cellulose
08A	White drywall, kitchen SW corner	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound	NONE DETECTED	Calcite
08B	White drywall, hallway next to entry to living room	NONE DETECTED	Gypsum Fibrous Glass

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1 % WITH THE PROVISO THAT PLM MAY NOT DETECT FIBERS <0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(a)(2)(A), THE MCL IS 1 %. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.



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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64685-4
Date/Time Collected: 8/24/17
Date Received: 9/22/17

NVLAP Lab Code 101442-0
CDPH # 1153
Date Analyzed: 9/28/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R1-08C	White drywall, bedroom #1 closet	NONE DETECTED	Gypsum Fibrous Glass
08D	White drywall, bedroom #4 corner	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound	NONE DETECTED	Calcite
08E	White drywall, bedroom #2 NE corner	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound	NONE DETECTED	Calcite
09A	White heavy wall texture, entryway NE corner	NONE DETECTED	Calcite
09B	White heavy wall texture, entryway SE corner	NONE DETECTED	Calcite
09C	White heavy wall texture, dining room near kitchen entrance	NONE DETECTED	Calcite
09D	White heavy wall texture, entryway near refrigerator	NONE DETECTED	Calcite

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64685-5
 Date/Time Collected: 8/24/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/28/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R1-09E	White heavy wall texture, kitchen SW corner	NONE DETECTED	Calcite
10A	White exterior window putty, outside kitchen	NONE DETECTED	Calcite
	White caulk	NONE DETECTED	Calcite
11A	Yellow mastic behind FRP bathtub, bathroom #2	NONE DETECTED	Calcite
12A	Red brick, living room corner	NONE DETECTED	Granular Mins.
	Gray mortar	NONE DETECTED	Granular Mins.
13A	Brown 12"x12" ceramic tile, bathroom #1 shower room	NONE DETECTED	Granular Mins.
	Gray grout	NONE DETECTED	Granular Mins.
14A	Black asphaltic 3 top shingles, roof north side	NONE DETECTED	Tar Binder Fibrous Glass
	Black felt paper	NONE DETECTED	Tar Binder Cellulose
	White coat	NONE DETECTED	Opaques

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Dixon, CA

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64685-6
Date/Time Collected: 8/24/17
Date Received: 9/22/17

NVLAP Lab Code 101442-0
CDPH # 1153
Date Analyzed: 9/28/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R1- 14B	Black asphaltic 3 top shingles, roof west side south of fireplace	NONE DETECTED	Tar Binder Fibrous Glass
	Black felt paper	NONE DETECTED	Tar Binder Cellulose
15A	Black asphalt foundation, outside of home north side	NONE DETECTED	Granular Mins. Tar Binder
16A	Gray concrete foundation, SE corner of house	NONE DETECTED	Granular Mins.

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64686-1
 Date/Time Collected: 8/24/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/27/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R2-01A	White drywall Room#2 above entry door	NONE DETECTED	Gypsum Cellulose
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	NONE DETECTED	Calcite
01B	White drywall Room#1 NW corner	NONE DETECTED	Gypsum Cellulose
	White joint compound 1	1-2 CHRYSOTILE	Calcite
	White composite	<1 CHRYSOTILE	Gypsum Calcite
02A	Gray sheet vinyl flooring (brick pattern) Restroom closet	20-30 CHRYSOTILE	Synthetics Calcite
	Tan mastic	NONE DETECTED	Synthetics
02B	NOT ANALYZED		
03A	White knockdown texture Room#2 North wall	NONE DETECTED	Calcite
03B	White knockdown texture Room#2 West wall	NONE DETECTED	Calcite

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64686-2
 Date/Time Collected: 8/24/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/27/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R2-03C	White knockdown texture Room#2 South wall	NONE DETECTED	Calcite
04A	Beige 8"x8" design vinyl sheet flooring over plywood	NONE DETECTED	Synthetics Calcite
	Tan mastic	NONE DETECTED	Synthetics
	Gray vinyl sheet flooring	15-20 CHRYSOTILE	Synthetics Calcite
	Tan mastic	NONE DETECTED	Synthetics
04B	Beige 8"x8" design vinyl sheet flooring	NONE DETECTED	Synthetics Calcite
	Tan mastic	NONE DETECTED	Synthetics
	Gray vinyl sheet flooring	15-20 CHRYSOTILE	Synthetics Calcite
05A	Black asphaltic shingle roofing North side	NONE DETECTED	Tar Binder Cellulose
05B	Black asphaltic shingle roofing East side	NONE DETECTED	Tar Binder Cellulose

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64686-3
Date/Time Collected: 8/24/17
Date Received: 9/22/17

NVLAP Lab Code 101442-0
CDPH # 1153
Date Analyzed: 9/27/17

<u>Sample No.</u>	<u>Color/Description</u>	<u>% Type Asbestos</u>	<u>Other Materials</u>
ECG-17-4478-R2-06A	Black-gray mastic tar roof penetration North side	10-15 CHRYSOTILE	Tar Binder
07A	Gray concrete outside home East side	NONE DETECTED	Granular Mins.
08A	Black asphalt foundation, outside home East side	NONE DETECTED	Granular Mins. Tar Binder

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64687-1
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/28/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R3-01A	Green asphalt roofing, roof north	NONE DETECTED	Tar Binder Fibrous Glass
	Black felt	NONE DETECTED	Tar Binder Fibrous Glass
01B	Green asphalt roofing, roof south	NONE DETECTED	Tar Binder Fibrous Glass
	Black felt	NONE DETECTED	Tar Binder Cellulose
02A	Pink & yellow vinyl sheet flooring, north bedroom	NONE DETECTED	Tar Binder Opagues Cellulose
	Red mastic	NONE DETECTED	Opagues
02B	Pink & yellow vinyl sheet flooring, north bedroom	NONE DETECTED	Tar Binder Opagues Cellulose
	Red mastic	NONE DETECTED	Opagues
03A	White drywall, north bedroom	NONE DETECTED	Gypsum Fibrous Glass

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64687-2
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/28/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R3-03B	White drywall, kitchen north wall	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound	<1 CHRYSOTILE	Calcite
	Composite	<1 CHRYSOTILE	Gypsum Fibrous Glass Calcite
03C	White drywall, kitchen south wall	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound	<1 CHRYSOTILE	Calcite
	Composite	<1 CHRYSOTILE	Gypsum Fibrous Glass Calcite
04A	Wood look vinyl floor tile, kitchen middle	NONE DETECTED	Vinyl Calcite
	Clear mastic	NONE DETECTED	Synthetics
04B	Wood look vinyl floor tile, kitchen middle	NONE DETECTED	Vinyl Calcite
	Clear mastic	NONE DETECTED	Synthetics

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64687-3
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/28/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R3-05A	White vinyl floor tile, bathroom middle	NONE DETECTED	Calcite
	Yellow mastic	NONE DETECTED	Synthetics
05B	White vinyl floor tile, bathroom middle	NONE DETECTED	Calcite
	Yellow mastic	NONE DETECTED	Synthetics
06A	White vinyl sheet flooring w/ paper, bedroom north	15-20 CHRYSOTILE	Vinyl Cellulose
	Brown felt	NONE DETECTED	Cellulose
07A	Gray cementitious siding, front of house	2-7 CHRYSOTILE	Granular Mins.
	Black felt paper	NONE DETECTED	Tar Binder Cellulose
	White insulation	NONE DETECTED	Cellulose
07B	Gray cementitious siding, front of house	2-7 CHRYSOTILE	Granular Mins.
	Black felt paper	NONE DETECTED	Tar Binder Cellulose

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64688-1
 Date/Time Collected: 8/28/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/29/17

<u>Sample No.</u>	<u>Color/Description</u>	<u>% Type Asbestos</u>	<u>Other Materials</u>
ECG-17-4478-R4-01A	White cementitious siding, exterior wall west side	3-8 CHRYSOTILE	Calcite Opagues
	Black felt paper	NONE DETECTED	Tar Binder Cellulose
01B	White cementitious siding, exterior wall east side	3-8 CHRYSOTILE	Calcite Opagues
	Black felt paper	NONE DETECTED	Tar Binder Cellulose
02A	Green shingle roof, roof east side new entrance	NONE DETECTED	Tar Binder Cellulose
	White shingle	NONE DETECTED	Tar Binder Cellulose
	Gray shingle	NONE DETECTED	Tar Binder Cellulose
02B	Green shingle roof, roof east side new entrance	NONE DETECTED	Tar Binder Cellulose
	Gray shingle	NONE DETECTED	Tar Binder Cellulose
	Black felt	NONE DETECTED	Tar Binder Cellulose
	Gray mastic	3-8 CHRYSOTILE	Tar Binder

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64688-2
 Date/Time Collected: 8/28/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/29/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R4-03A	White drywall, living room south wall	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite Talc
	White joint compound 2	<1 CHRYSOTILE	Calcite
	Composite	<1 CHRYSOTILE	Gypsum Fibrous Glass Calcite
03B	White drywall, living room north wall	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound	NONE DETECTED	Calcite
03C	White drywall, hallway east wall	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound	NONE DETECTED	Calcite
04A	White plaster-like ceiling board, NW room debris pile	NONE DETECTED	Gypsum
04B	White plaster-like ceiling board, NW room debris pile	NONE DETECTED	Gypsum

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64688-3
 Date/Time Collected: 8/28/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/29/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R4-04C	White plaster-like ceiling board, NW room debris pile	NONE DETECTED	Gypsum
05A	White sheet vinyl flooring w/ paper backing, kitchen south end	NONE DETECTED	Vinyl Cellulose
	Gray mastic	NONE DETECTED	Synthetics
	Gray leveler	NONE DETECTED	Granular Mins.
05B	Tan sheet vinyl flooring w/ paper backing, kitchen north end	NONE DETECTED	Vinyl Cellulose
	Gray mastic	NONE DETECTED	Synthetics
	White sheet vinyl flooring	NONE DETECTED	Vinyl
06A	White sheet vinyl flooring w/ paper back, restroom middle	NONE DETECTED	Vinyl Cellulose
	Yellow mastic	NONE DETECTED	Synthetics
06B	White sheet vinyl flooring w/ paper back, restroom middle	NONE DETECTED	Vinyl Cellulose
	Yellow mastic	NONE DETECTED	Synthetics

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1 % WITH THE PROVISIO THAT PLM MAY NOT DETECT FIBERS <0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(a)(2)(A), THE MCL IS 1%. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.



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Job:

17-4478 Blackburn Consulting
Liberty Island
Dixon, CA

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64688-4
Date/Time Collected: 8/28/17
Date Received: 9/22/17

NVLAP Lab Code 101442-0
CDPH # 1153
Date Analyzed: 9/29/17

<u>Sample No.</u>	<u>Color/Description</u>	<u>% Type Asbestos</u>	<u>Other Materials</u>
ECG-17-4478-R4-07A	White window glazing, exterior windows east side	NONE DETECTED	Calcite
07B	White window glazing, exterior windows east side	NONE DETECTED	Calcite

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64689-1
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/29/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R5-01A	White drywall, bedroom 1 west	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound	<1 CHRYSOTILE	Calcite
	Composite	<1 CHRYSOTILE	Gypsum Fibrous Glass Calcite
01B	White drywall, living room north	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	<1 CHRYSOTILE	Calcite
	White joint compound 2	<1 CHRYSOTILE	Calcite
	Composite	<1 CHRYSOTILE	Gypsum Fibrous Glass Calcite
01C	White drywall, living room east	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	<1 CHRYSOTILE	Calcite
	Composite	<1 CHRYSOTILE	Gypsum Fibrous Glass Calcite

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64689-2
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/29/17

<u>Sample No.</u>	<u>Color/Description</u>	<u>% Type Asbestos</u>	<u>Other Materials</u>
ECG-17-4478-R5-02A	White heavy texture, bedroom 2 west	<1 CHRYSOTILE	Calcite
02B	White heavy texture, kitchen south	<1 CHRYSOTILE	Calcite
02C	White heavy texture, kitchen south	<1 CHRYSOTILE	Calcite
03A	White cement siding panels, exterior north wall	1-5 CHRYSOTILE	Calcite
	Black felt	NONE DETECTED	Tar Binder Cellulose
03B	White cement siding panels, near entry	1-5 CHRYSOTILE	Calcite
	Black felt	NONE DETECTED	Tar Binder Cellulose
04A	Blue ceramic tile, bathroom	NONE DETECTED	Calcite
	White grout	NONE DETECTED	Calcite
	Yellow mastic	NONE DETECTED	Calcite
05A	White vinyl sheet flooring w/ rectangle design, back entry	NONE DETECTED	Vinyl Cellulose
	Yellow mastic	NONE DETECTED	Synthetics
	Gray felt	NONE DETECTED	Cellulose

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64689-3
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/29/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R5-05B	White vinyl sheet flooring w/ rectangle design, bathroom	NONE DETECTED	Vinyl Cellulose
	Yellow mastic	NONE DETECTED	Synthetics
	Brown mastic	NONE DETECTED	Synthetics
06A	White vinyl sheet flooring w/ diamond design, kitchen middle	NONE DETECTED	Vinyl Cellulose
	Yellow mastic	NONE DETECTED	Synthetics
	Gray felt	NONE DETECTED	Cellulose
06B	White vinyl sheet flooring w/ diamond design, kitchen middle	NONE DETECTED	Vinyl Cellulose
	Yellow mastic	NONE DETECTED	Synthetics
	Gray felt	NONE DETECTED	Cellulose
07A	White window putty, exterior window back entry	NONE DETECTED	Calcite
07B	White window putty, exterior window back entry	NONE DETECTED	Calcite

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64689-4
Date/Time Collected: 9/12 & 13/17
Date Received: 9/22/17

NVLAP Lab Code 101442-0
CDPH # 1153
Date Analyzed: 9/29/17

<u>Sample No.</u>	<u>Color/Description</u>	<u>% Type Asbestos</u>	<u>Other Materials</u>
ECG-17-4478-R5-08A	Green asphalt roofing, roof back entry	NONE DETECTED	Tar Binder Cellulose
	Black felt	NONE DETECTED	Tar Binder Cellulose
08B	Green asphalt roofing, roof back entry	NONE DETECTED	Tar Binder Cellulose
	Black felt	NONE DETECTED	Tar Binder Cellulose

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64690-1
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/29/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R6-01A	White drywall, dining room north wall	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound	NONE DETECTED	Calcite
01B	White drywall, dining room south wall	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	<1 CHRYSOTILE	Calcite
	Composite	<1 CHRYSOTILE	Gypsum Fibrous Glass Calcite
01C	White drywall, bedroom north wall	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	<1 CHRYSOTILE	Calcite
	Composite	<1 CHRYSOTILE	Gypsum Fibrous Glass Calcite
02A	White wall & ceiling texture (main house), dining room	NONE DETECTED	Calcite

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64690-2
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/29/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R6-02B	White wall & ceiling texture (main house), dining room	NONE DETECTED	Calcite
02C	White wall & ceiling texture (main house), living room	NONE DETECTED	Calcite
02D	White wall & ceiling texture (main house), bedroom	NONE DETECTED	Calcite
02E	White wall & ceiling texture (main house), living room	NONE DETECTED	Calcite
03A	Green tile-look wall panel, bathroom	NONE DETECTED	Vinyl Tar Binder Cellulose
	Black mastic	NONE DETECTED	Synthetics
04A	White vinyl sheet flooring, back house living room	NONE DETECTED	Vinyl Calcite
	Brown mastic	NONE DETECTED	Synthetics
04B	White vinyl sheet flooring, back house living room	NONE DETECTED	Vinyl Calcite
	Brown mastic	NONE DETECTED	Synthetics

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64690-3
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/29/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R6-05A	White trowel-look texture, back house living room	<1 CHRYSOTILE	Calcite
05B	White trowel-look texture, back house living room	NONE DETECTED	Calcite
05C	White trowel-look texture, back house bedroom	<1 CHRYSOTILE	Calcite
06A	Beige 1"x1" vinyl sheet flooring, debris pile exterior	NONE DETECTED	Vinyl Tar Binder Cellulose
07A	Gray cement siding shingle, exterior near kitchen	3-8 CHRYSOTILE	Calcite
	Black felt	NONE DETECTED	Tar Binder Cellulose
07B	Gray cement siding shingle, exterior north end	3-8 CHRYSOTILE	Calcite
	Black felt	NONE DETECTED	Tar Binder Cellulose
08A	Multicolor asphalt roofing, roof east side near edge	NONE DETECTED	Tar Binder Cellulose

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64690-4
Date/Time Collected: 9/12 & 13/17
Date Received: 9/22/17

NVLAP Lab Code 101442-0
CDPH # 1153
Date Analyzed: 9/29/17

<u>Sample No.</u>	<u>Color/Description</u>	<u>% Type Asbestos</u>	<u>Other Materials</u>
ECG-17-4478-R6-08B	White asphalt roofing, roof east side near edge	NONE DETECTED	Tar Binder Cellulose
	Black felt	NONE DETECTED	Tar Binder Cellulose

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64691-1
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/29/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R7-01A	White drywall, entry	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	NONE DETECTED	Calcite
01B	White drywall, living room	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound	<1 CHRYSOTILE	Calcite
	Composite	<1 CHRYSOTILE	Gypsum Fibrous Glass Calcite
01C	White drywall, bedroom	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	<1 CHRYSOTILE	Calcite
	White joint compound 2	<1 CHRYSOTILE	Calcite
	Composite	<1 CHRYSOTILE	Gypsum Fibrous Glass Calcite

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64691-2
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/29/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R7-02A	White square pattern vinyl sheet flooring, back entry	NONE DETECTED	Vinyl Cellulose
	Yellow mastic 1	NONE DETECTED	Synthetics
	Beige vinyl sheet flooring	NONE DETECTED	Vinyl Cellulose
	Yellow mastic 2	NONE DETECTED	Synthetics
03A	White flower pattern vinyl sheet flooring, back entry	NONE DETECTED	Vinyl Cellulose
	Yellow mastic	NONE DETECTED	Synthetics
	White felt	NONE DETECTED	Cellulose
04A	White rectangle pattern vinyl sheet flooring, back entry	NONE DETECTED	Vinyl Cellulose
	Yellow mastic	NONE DETECTED	Synthetics
05A	Red window putty, south exterior window	NONE DETECTED	Calcite
	Green paint	NONE DETECTED	Opagues

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64691-3
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/29/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R7-06A	White asphalt roofing, south end roof near edge	NONE DETECTED	Tar Binder Fibrous Glass
	Gray asphalt roofing	NONE DETECTED	Tar Binder Fibrous Glass
	Black felt	NONE DETECTED	Tar Binder Cellulose
06B	White asphalt roofing, south end roof near edge	NONE DETECTED	Tar Binder Fibrous Glass
	Black asphalt roofing	NONE DETECTED	Tar Binder Fibrous Glass
	Black felt	NONE DETECTED	Tar Binder Cellulose
07A	Gray cement siding panels, south end exterior	3-8 CHRYSOTILE	Granular Mins.
	White stucco	NONE DETECTED	Granular Mins.
	Pink paint	NONE DETECTED	Opagues
	Black felt	NONE DETECTED	Tar Binder Cellulose

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Liberty Island
Dixon, CA

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64691-4
Date/Time Collected: 9/12 & 13/17
Date Received: 9/22/17

NVLAP Lab Code 101442-0
CDPH # 1153
Date Analyzed: 9/29/17

<u>Sample No.</u>	<u>Color/Description</u>	<u>% Type Asbestos</u>	<u>Other Materials</u>
ECG-17-4478-R7-07B	Gray cement siding panels, east end exterior	3-8 CHRYSOTILE	Granular Mins.
	White stucco	NONE DETECTED	Granular Mins.
	Pink paint	NONE DETECTED	Opagues
	Black felt	NONE DETECTED	Tar Binder Cellulose
08A	Beige diamond patter foam backing vinyl sheet flooring, kitchen	NONE DETECTED	Vinyl Cellulose
	Yellow mastic	NONE DETECTED	Synthetics
08B	Beige diamond patter foam backing vinyl sheet flooring, restroom	NONE DETECTED	Vinyl Cellulose
	Yellow mastic	NONE DETECTED	Synthetics

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64692-1
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/29/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R8-01A	Gray cementitious siding panels, exterior south end	1-5 CHRYSOTILE	Calcite
	Black felt	NONE DETECTED	Tar Binder Cellulose
01B	Gray cementitious siding panels, exterior south end	1-5 CHRYSOTILE	Calcite
	Black felt	NONE DETECTED	Tar Binder Cellulose
02A	Black/ gray penetration mastic, exterior south end	NONE DETECTED	Tar Binder Calcite
03A	Black rolled roofing over green shingles, roof near entry	NONE DETECTED	Tar Binder Fibrous Glass
	Gray/ black mastic	1-5 CHRYSOTILE	Tar Binder Calcite
03B	Black rolled roofing over green shingles, roof south end	NONE DETECTED	Tar Binder Fibrous Glass
	White shingle	NONE DETECTED	Tar Binder Fibrous Glass
	Black shingle	NONE DETECTED	Tar Binder Fibrous Glass

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64692-2
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/29/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R8-04A	Wood pattern sheet vinyl flooring, restroom	NONE DETECTED	Vinyl Cellulose
	Tan mastic	NONE DETECTED	Synthetics
05A	Green sheet vinyl flooring, room near restroom	NONE DETECTED	Tar Binder Cellulose Opagues
	Brown mastic	NONE DETECTED	Opagues
06A	Beige swirl design vinyl sheet tile, bedroom	NONE DETECTED	Tar Binder Cellulose Opagues
	Red coating	NONE DETECTED	Opagues
	Red mastic	NONE DETECTED	Opagues
06B	Beige swirl design vinyl sheet tile, bedroom	NONE DETECTED	Tar Binder Cellulose Opagues
	Red coating	NONE DETECTED	Opagues
	Red mastic	NONE DETECTED	Opagues

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64692-3
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/29/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R8-07A	White vinyl sheet flooring, entry	NONE DETECTED	Vinyl Cellulose
	Brown mastic	NONE DETECTED	Synthetics
08A	White drywall, bedroom south corner	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	<1 CHRYSOTILE	Calcite
	White joint compound 2	<1 CHRYSOTILE	Calcite
	Composite	<1 CHRYSOTILE	Gypsum Fibrous Glass Calcite
08B	White drywall, bedroom south wall	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	NONE DETECTED	Calcite

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64692-4
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/29/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R8-08C	White drywall, kitchen SE corner	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	<1 CHRYSOTILE	Calcite
	White joint compound 2	<1 CHRYSOTILE	Calcite
	Composite	<1 CHRYSOTILE	Gypsum Fibrous Glass Calcite
09A	White w/ pink & blue specks sheet vinyl flooring, entryway	NONE DETECTED	Vinyl Cellulose
	Black mastic	NONE DETECTED	Synthetics
10A	Green square pattern vinyl floor tile w/ felt paper, kitchen	NONE DETECTED	Vinyl Calcite
	Tan mastic	NONE DETECTED	Synthetics
	White/ blue flooring	NONE DETECTED	Vinyl Cellulose
	Gray mastic	NONE DETECTED	Synthetics

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64692-5
Date/Time Collected: 9/12 & 13/17
Date Received: 9/22/17

NVLAP Lab Code 101442-0
CDPH # 1153
Date Analyzed: 9/29/17

<u>Sample No.</u>	<u>Color/Description</u>	<u>% Type Asbestos</u>	<u>Other Materials</u>
ECG-17-4478-R8-10B	Green square pattern vinyl floor tile w/ felt paper, kitchen	NONE DETECTED	Vinyl Calcite
	Tan mastic	NONE DETECTED	Synthetics
	White/ blue flooring	NONE DETECTED	Vinyl Cellulose
	Gray mastic	NONE DETECTED	Synthetics

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64693-1
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 10/2/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R9-01A	Tan pebble design sheet vinyl flooring & felt paper, laundry room	15-20 CHRYSOTILE	Vinyl Cellulose
	Tan mastic	NONE DETECTED	Synthetics
	Beige sheet vinyl flooring	NONE DETECTED	Cellulose Opagues
	Yellow mastic	NONE DETECTED	Synthetics
	Black felt	NONE DETECTED	Tar Binder Cellulose
	Tan mastic	NONE DETECTED	Synthetics
	Brown mastic	NONE DETECTED	Synthetics
01B	Tan pebble design sheet vinyl flooring & felt paper, kitchen	15-20 CHRYSOTILE	Vinyl Cellulose
	Tan mastic	NONE DETECTED	Synthetics
	Beige sheet vinyl flooring	NONE DETECTED	Cellulose Opagues
	Yellow mastic	NONE DETECTED	Synthetics
02A	Rose pattern wallpaper, bedroom east wall	NONE DETECTED	Cellulose
	Yellow glue	NONE DETECTED	Synthetics

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64693-2
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 10/2/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R9-03A	Red, white 7 blue plant design wallpaper, living room east	NONE DETECTED	Cellulose
	Yellow glue	NONE DETECTED	Synthetics
04A	Vine w/ berry design wallpaper, living room west	NONE DETECTED	Cellulose
	White glue	NONE DETECTED	Synthetics
05A	White sheet vinyl flooring & felt paper, restroom	NONE DETECTED	Vinyl Cellulose
	Yellow mastic	NONE DETECTED	Synthetics
	Yellow sheet vinyl flooring & felt paper	NONE DETECTED	Vinyl Tar Binder Cellulose
	Black mastic	NONE DETECTED	Synthetics
05B	White sheet vinyl flooring & felt paper, restroom	NONE DETECTED	Vinyl Cellulose
	Yellow mastic	NONE DETECTED	Synthetics
	Yellow sheet vinyl flooring & felt paper	NONE DETECTED	Vinyl Tar Binder Cellulose
	Black mastic	NONE DETECTED	Synthetics

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64693-3
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 10/2/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R9-06A	Tan 9"x9" vinyl floor tile, living room	1-5 CHRYSOTILE	Calcite
	Black mastic	NONE DETECTED	Tar Binder
06B	Tan 9"x9" vinyl floor tile, living room	1-5 CHRYSOTILE	Calcite
	Black mastic	NONE DETECTED	Tar Binder
07A	Gray 9"x9" vinyl floor tile, bedroom	1-2 CHRYSOTILE	Calcite
	Black mastic	NONE DETECTED	Tar Binder
07B	Gray 9"x9" vinyl floor tile, bedroom	1-2 CHRYSOTILE	Calcite
	Black mastic	NONE DETECTED	Tar Binder
08A	Tan vinyl sheet flooring, 2 nd floor hallway	NONE DETECTED	Vinyl Cellulose Tar Binder
	Red mastic	NONE DETECTED	Opagues
	Black mastic	NONE DETECTED	Synthetics

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64693-4
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 10/2/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R9-08A	Tan vinyl sheet flooring, 2 nd floor hallway	NONE DETECTED	Vinyl Cellulose Tar Binder
	Red mastic	NONE DETECTED	Opagues
	Black mastic	NONE DETECTED	Synthetics
09A	Gray concrete, exterior piers	NONE DETECTED	Granular Mins.
10A	White drywall, living room SE corner	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	<1 CHRYSOTILE	Calcite
	White joint compound 2	<1 CHRYSOTILE	Calcite
	White joint compound 3	NONE DETECTED	Granular Mins.
	White joint compound 4	NONE DETECTED	Granular Mins.
	Composite	<1 CHRYSOTILE	Gypsum Fibrous Glass Calcite Granular Mins.

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64693-5
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 10/2/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R9-10B	White drywall, living room SW corner	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	<1 CHRYSOTILE	Calcite
	White joint compound 2	<1 CHRYSOTILE	Calcite
	Composite	<1 CHRYSOTILE	Gypsum Fibrous Glass Calcite
10C	White drywall, bedroom SE corner	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound	<1 CHRYSOTILE	Calcite
	Composite	<1 CHRYSOTILE	Gypsum Fibrous Glass Calcite
11A	Gray concrete siding, exterior SE	3-8 CHRYSOTILE	Calcite
	White stucco	NONE DETECTED	Calcite
	Blue paint	NONE DETECTED	Opagues
	Black felt	NONE DETECTED	Tar Binder Cellulose

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1 % WITH THE PROVISO THAT PLM MAY NOT DETECT FIBERS <0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(a)(2)(A), THE MCL IS 1%. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.

ASBESTECH
 6825 Fair Oaks Blvd., Suite 103
 Carmichael, California 95608
 Tel.(916) 481-8902 Fax (916) 481-3975

Client:
 Entek Consulting Group, Inc.
 4200 Rocklin Rd., Suite 7
 Rocklin, CA 95677

Job:
 17-4478 Blackburn Consulting
 Liberty Island
 Dixon, CA

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64693-6
 Date/Time Collected: 9/12 & 13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 10/2/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-R9-11B	Gray concrete siding, exterior NE	3-8 CHRYSOTILE	Calcite
	White stucco	NONE DETECTED	Calcite
	Blue paint	NONE DETECTED	Opagues
	Black felt	NONE DETECTED	Tar Binder Cellulose
12A	White chalk window putty, exterior window east end	NONE DETECTED	Calcite
12B	White chalk window putty, exterior window east end	NONE DETECTED	Calcite
13A	White asphalt roof shingles, roof east end near edge	NONE DETECTED	Tar Binder Fibrous Glass
	Black felt	NONE DETECTED	Tar Binder Cellulose
13B	White asphalt roof shingles, roof east end near edge	NONE DETECTED	Tar Binder Fibrous Glass
	Black felt	NONE DETECTED	Tar Binder Cellulose

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1 % WITH THE PROVISO THAT PLM MAY NOT DETECT FIBERS <0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(a)(2)(A), THE MCL IS 1%. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.



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Job:
 17-4478
 Blackburn Consulting
 Liberty Island
 Dixon, CA

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64682
 Date/Time Collected: 9/12&13/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/26/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-B1-01A	Gray concrete, main foundation pad middle	<1 CHRYSOTILE	Granular Mins.
02A	White window putty back wall windows	NONE DETECTED	Synthetics Calcite
02B	White window putty back wall windows	1-2 CHRYSOTILE	Calcite
03A	Tan vinyl sheet flooring 6"x6" design detached kitchen room middle	NONE DETECTED	Calcite Synthetics Cellulose
	Brown mastic	NONE DETECTED	Synthetics
03B	Tan vinyl sheet flooring 6"x6" design detached kitchen room middle	NONE DETECTED	Calcite Synthetics Cellulose
	Brown mastic	NONE DETECTED	Synthetics
04A	White chalky window putty front of barn window	NONE DETECTED	Calcite
04B	White chalky window putty front of barn window	NONE DETECTED	Calcite

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1 % WITH THE PROVISIO THAT PLM MAY NOT DETECT FIBERS <0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(a)(2)(A), THE MCL IS 1 %. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.



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Rocklin, CA 95677

Job:
17-4478
Blackburn Consulting
Liberty Island
Dixon, CA

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64683-1
Date/Time Collected: 8/28/17
Date Received: 9/22/17

NVLAP Lab Code 101442-0
CDPH # 1153
Date Analyzed: 9/27/17

<u>Sample No.</u>	<u>Color/Description</u>	<u>% Type Asbestos</u>	<u>Other Materials</u>
ECG-17-4478-B2- 01A	White drywall room#2 above entry door	NONE DETECTED	Gypsum Cellulose
	White joint compound	NONE DETECTED	Calcite
01B	White drywall room#1 NW corner	NONE DETECTED	Gypsum Cellulose
	White joint compound	NONE DETECTED	Calcite
02A	White heavy ceiling texture, bedroom North end	NONE DETECTED	Calcite
02B	White heavy ceiling texture, bedroom North end	NONE DETECTED	Calcite
02C	White heavy ceiling texture, Living room North end	NONE DETECTED	Calcite

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1 % WITH THE PROVISO THAT PLM MAY NOT DETECT FIBERS <0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(a)(2)(A), THE MCL IS 1 %. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.

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 Rocklin, CA 95677

Job:
 17-4478
 Blackburn Consulting
 Liberty Island
 Dixon, CA

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64683-2
 Date/Time Collected: 8/28/17
 Date Received: 9/22/17

NVLAP Lab Code 101442-0
 CDPH # 1153
 Date Analyzed: 9/27/17

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-17-4478-B2-03A	Tan vinyl sheet flooring over other flooring Living room South end	NONE DETECTED	Synthetics Cellulose
	Brown layer	NONE DETECTED	Cellulose
	Brown layer	NONE DETECTED	Cellulose
	Black layer	NONE DETECTED	Tar Binder Cellulose
	Gray glue	NONE DETECTED	Synthetics Cellulose
	Brown layer	NONE DETECTED	Cellulose
03B	White vinyl sheet flooring over other flooring Living room North end	NONE DETECTED	Synthetics Cellulose
	Red layer	NONE DETECTED	Synthetics Calcite
	Brown layer	NONE DETECTED	Synthetics Cellulose
	Black layer	NONE DETECTED	Tar Binder Cellulose
	Gray layer	NONE DETECTED	Opagues Cellulose

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1 % WITH THE PROVISO THAT PLM MAY NOT DETECT FIBERS <0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(a)(2)(A), THE MCL IS 1 %. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.

ASBESTECH
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Rocklin, CA 95677

Job:

17-4478
Blackburn Consulting
Liberty Island
Dixon, CA

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 64684
Date/Time Collected: 9/13/17
Date Received: 9/22/17

NVLAP Lab Code 101442-0
CDPH # 1153
Date Analyzed: 9/26/17

<u>Sample No.</u>	<u>Color/Description</u>	<u>% Type Asbestos</u>	<u>Other Materials</u>
ECG-17-4478-B3-01A	Gray concrete main foundation	NONE DETECTED	Granular Mins.

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1 % WITH THE PROVISIO THAT PLM MAY NOT DETECT FIBERS <0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(a)(2)(A), THE MCL IS 1 %. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.



64685

EAIT

BULK ASBESTOS MATERIAL *Analysis Request*

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: August 24, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andrew Roed

Client Name: Blackburn Consulting

Turnaround Time: Day: Monday
Date: 10/2/17 Time: 5 PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining

Special Instruction: Stop Analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R1-01A	Green Peel and Stick Floor Tiles: Bedroom #2; with Clear Glue
ECG-17-4478-R1-01B	Green Peel and Stick Floor Tiles: Bedroom #4: Near Bathroom Entrance with Clear Glue
ECG-17-4478-R1-02A	White Peel and Stick Vinyl Floor Tile: with Clear Glue Bathroom #2: by Entryway into Bedroom #4
ECG-17-4478-R1-03A	Wood Pattern Peel and Stick Vinyl Floor Tile: Living Room: Towards Entry to Hallway
ECG-17-4478-R1-03B	Wood Pattern Peel and Stick Vinyl Floor Tile: Living Room: South Entrance
ECG-17-4478-R1-04A	White Rolled Sheet Vinyl Flooring (12'x12" Tile Design) Peel and Stick Over Sheet Vinyl Flooring with Tan Mastic: Kitchen: by Entry way to Dining Room
ECG-17-4478-R1-04B	White Rolled Sheet Vinyl Flooring (12'x12" Tile Design) Peel and Stick Over Sheet Vinyl Flooring with Tan Mastic: Kitchen at North Entryway
ECG-17-4478-R1-05A	White Sheet Vinyl Flooring with Diamond Pattern: Laundry Room
ECG-17-4478-R1-05B	White Sheet Vinyl Flooring with Diamond Pattern: Bedroom #1
ECG-17-4478-R1-06A	White Sheet Vinyl Flooring With Diamond and Square Pattern: Storage Room: North East Corner

Delivered by: [Signature] **Date:** 9/22/17 **Time:** 2:10 AM/PM

Received by: [Signature] **Date:** 9/22/17 **Time:** 2:10 AM/PM



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BULK ASBESTOS MATERIAL *Analysis Request*

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: August 24, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andrew Roed

Client Name: Blackburn Consulting

Turnaround Time: Day: Monday
Date: 10/2/17 Time: 5PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining

Special Instruction: Stop Analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R1-07A	Cloth Wrap on HVAC Ducting; Bedroom #4 Above Ceiling
ECG-17-4478-R1-08A	Drywall & Joint Compound; Kitchen; South West Corner
ECG-17-4478-R1-08B	Drywall & Joint Compound; Hallway; Next to Entry to Living Room
ECG-17-4478-R1-08C	Drywall & Joint Compound; Bedroom #1; Closet
ECG-17-4478-R1-08D	Drywall & Joint Compound; Bedroom #4 Corner
ECG-17-4478-R1-08E	Drywall & Joint Compound; Bathroom #2 North East Corner
ECG-17-4478-R1-09A	Heavy Wall Texture/Entryway, North East Corner
ECG-17-4478-R1-09B	Heavy Wall Texture/Entryway, South East Corner
ECG-17-4478-R1-09C	Heavy Wall Texture/Dining Room Near Kitchen Entrance
ECG-17-4478-R1-09D	Heavy Wall Texture/Entryway near Refrigerator

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64685

BULK ASBESTOS MATERIAL *Analysis Request*

ENTEK CONSULTING GROUP, INC.

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(916) 632-6800 PHONE
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mainoffice@entekgroup.com

Date of Sampling: August 24, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andrew Roed

Client Name: Blackburn Consulting

Turnaround Time: Day: Munday
Date: 10/2/17 Time: 5 PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining

Special Instruction: *Stop Analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.*

Please e-mail results as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R1-09E	Heavy Wall Texture/Kitchen South West Corner
ECG-17-4478-R1-10A	Exterior Window Putty; Outside Kitchen
ECG-17-4478-R1-11A	Yellow Mastic Behind FRP Bathtub; Bathroom #2
ECG-17-4478-R1-12A	Red Brick and Gray Mortar; Living Room, Corner
ECG-17-4478-R1-13A	Brown 12x12" Ceramic Tile with Gray Grout; Bathroom #1, Shower Room
ECG-17-4478-R1-14A	Asphaltic 3 Top Shingles with Felt Paper, Roof North Side
ECG-17-4478-R1-14B	Asphaltic 3 Top Shingles with Felt Paper, Roof West Side, South of Fireplace
ECG-17-4478-R1-15A	Asphalt Foundation; Outside of Home North Side
ECG-17-4478-R1-16A	Concrete Foundation; South East Corner of House

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Date: 9/22/17 **Time:** 2:10 AM/PM

Received by: *[Signature]*

Date: 9/22/17 **Time:** 2:10 AM/PM



64686

BULK ASBESTOS MATERIAL *Analysis Request*

ENTEK CONSULTING GROUP, INC.

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ROCKLIN, CA 95677
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mainoffice@entekgroup.com

Date of Sampling: August 24, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andrew Roed

Client Name: Blackburn Consulting

Turnaround Time: Day: Monday
Date: 10/2/17 Time: 5:30 PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining

Special Instruction: Stop Analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R2-01A	Drywall/Joint Compound: Room #2; Above Entry Door
ECG-17-4478-R2-01B	Drywall/Joint Compound: Room #1; North West Corner
ECG-17-4478-R2-02A	Gray Vinyl Sheet Flooring (Brick Pattern) and Tan Mastic; Restroom, Closet
ECG-17-4478-R2-02B	Gray Vinyl Sheet Flooring (Brick Pattern) and Tan Mastic; Restroom, Closet
ECG-17-4478-R2-03A	Knockdown Texture; Room #2; North Wall
ECG-17-4478-R2-03B	Knockdown Texture; Room #2; West Wall
ECG-17-4478-R2-03C	Knockdown Texture; Room #2; South Wall
ECG-17-4478-R2-04A	Vinyl Sheet Flooring (Beige with 8"x8" Design) With Tan Mastic over Plywood
ECG-17-4478-R2-04B	Vinyl Sheet Flooring (Beige with 8"x8" Design) With Tan Mastic over Gray Vinyl Sheet Flooring With Tan Mastic
ECG-17-4478-R2-05A	Asphaltic Shingle Roofing: North Side

Delivered by: *[Signature]*

Date: 9/22/17 Time: 2:10 AM/PM

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Date: 9/22/17 Time: 2:10 AM/PM



64686

BULK ASBESTOS MATERIAL *Analysis Request*

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ROCKLIN, CA 95677
(916) 632-6800 PHONE
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Date of Sampling: August 24, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andrew Roed

Client Name: Blackburn Consulting

Turnaround Time: Day: Monday
Date: 10/2/17 Time: 5 PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining

Special Instruction: *Stop Analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.*

Please e-mail results as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R2-05B	Asphaltic Shingle Roofing: East Side
ECG-17-4478-R2-06A	Mastic Tar Roof Penetration: North Side
ECG-17-4478-R2-07A	Concrete: Outside Home: East Side
ECG-17-4478-R2-08A	Asphalt Foundation: Outside Home: East Side

Z:\Clients\Blackburn Consulting\17-4478 Liberty Island - Asb & Pb\Bulk Sample Asb\Bulk Request R-2 8-24-17.wpd

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Received by:  **Date:** 9/22/17 **Time:** 2:10 AM/PM

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64687

BULK ASBESTOS MATERIAL *Analysis Request*

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Date of Sampling: September 12 & 13, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Turnaround Time: Monday, October 2, 2017
by 5PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining

Special Instruction: *Stop Analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.*

Please e-mail results as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R3-01A	Green Asphalt Roofing; Roof, North
ECG-17-4478-R3-01B	Green Asphalt Roofing; Roof, South
ECG-17-4478-R3-02A	Pink and Yellow Vinyl Sheet Flooring; North Bedroom
ECG-17-4478-R3-02B	Pink and Yellow Vinyl Sheet Flooring; North Bedroom
ECG-17-4478-R3-03A	Drywall and Joint Compound; North Bedroom
ECG-17-4478-R3-03B	Drywall and Joint Compound; Kitchen, North Wall
ECG-17-4478-R3-03C	Drywall and Joint Compound; Kitchen, South Wall
ECG-17-4478-R3-04A	Wood Look Vinyl Floor Tile and Mastic; Kitchen, Middle
ECG-17-4478-R3-04B	Wood Look Vinyl Floor Tile and Mastic; Kitchen, Middle
ECG-17-4478-R3-05A	White Vinyl Floor Tile and Mastic; Bathroom, Middle
ECG-17-4478-R3-05B	White Vinyl Floor Tile and Mastic; Bathroom, Middle
ECG-17-4478-R3-06A	White Vinyl Sheet Flooring with Paper and Tan Mastic; Bedroom, North
ECG-17-4478-R3-07A	Cementitious Siding and Felt Paper; Front of House
ECG-17-4478-R3-07B	Cementitious Siding and Felt Paper; Front of House

\\server\Entek\Clients\Blackburn Consulting\17-4478 Liberty Island - Asb & Pb\Bulk Sample Asb\Bulk Request R3 9-12&13-17.wpd

Delivered by: 

Date: 9/22/17 **Time:** 2:10 AM/PM

Received by: 

Date: 9/22/17 **Time:** 2:10 AM/PM

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64688 EDIT

BULK ASBESTOS MATERIAL Analysis Request

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Date of Sampling: August 28, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andrew Roed

Client Name: Blackburn Consulting

Turnaround Time: Day: Monday
Date: 10/2/17 Time: 5 PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining

Special Instruction: Stop Analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results as soon as available and include copy of submittal with those results.

Table with 2 columns: SAMPLE # and MATERIAL DESCRIPTION/LOCATION. Rows include sample IDs like ECG-17-4478-R4-01A and descriptions like White Cementitious Siding Over Felt Paper/Exterior Wall, West Side.

Delivered by: [Signature] Date: 9/22/17 Time: 2:10 AM/PM
Received by: [Signature] Date: 9/22/17 Time: 2:10 AM/PM



64688

BULK ASBESTOS MATERIAL *Analysis Request*

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ROCKLIN, CA 95677
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(916) 632-6812 FAX
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Date of Sampling: August 28, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andrew Roed

Client Name: Blackburn Consulting

Turnaround Time: Day: Morning
Date: 10/2/17 Time: 5 PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining

Special Instruction: Stop Analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R4-05A	Multi, Layer Vinyl Sheet Flooring With Paper Backing/Kitchen, South End
ECG-17-4478-R4-05B	Multi, Layer Vinyl Sheet Flooring With Paper Backing/Kitchen, North End
ECG-17-4478-R4-6A	Vinyl Sheet Flooring With Paper Back/Restroom, Middle
ECG-17-4478-R4-6B	Vinyl Sheet Flooring With Paper Back/Restroom, Middle
ECG-17-4478-R4-07A	Window Glazing/Exterior Windows, East Side
ECG-17-4478-R4-07B	Window Glazing/Exterior Windows, East Side

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Delivered by:  **Date:** 9/22/17 **Time:** 2:10 AM/PM

Received by:  **Date:** 9/22/17 **Time:** 2:10 AM/PM



64689

BULK ASBESTOS MATERIAL *Analysis Request*

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
 ROCKLIN, CA 95677
 (916) 632-6800 PHONE
 (916) 632-6812 FAX
 mainoffice@entekgroup.com

Date of Sampling: September 12 & 13, 2017 **Lab:** Asbestech
Job Number: 17-4478 **Collected by:** Andy Roed
Client Name: Blackburn Consulting **Turnaround Time:** Monday, October 2, 2017 by 5PM
Site Address: Liberty Island **ANALYSIS REQUESTED:** Asbestos by PLM with Dispersion Staining
 Dixon, CA 95620

Special Instruction: Stop Analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R5-01A	Drywall and Joint Compound; Bedroom 1, West
ECG-17-4478-R5-01B	Drywall and Joint Compound; Living Room, North
ECG-17-4478-R5-01C	Drywall and Joint Compound; Living Room, East
ECG-17-4478-R5-02A	Heavy Texture; Bedroom 2, West
ECG-17-4478-R5-02B	Heavy Texture; Kitchen, South
ECG-17-4478-R5-02C	Heavy Texture; Kitchen, South
ECG-17-4478-R5-03A	Cement Siding Panels and Felt; Exterior, North Wall
ECG-17-4478-R5-03B	Cement Siding Panels and Felt; Near Entry
ECG-17-4478-R5-04A	Blue Ceramic Tile and White Grout; Bathroom
ECG-17-4478-R5-05A	White Vinyl Sheet Flooring with Rectangle Design; Back Entry
ECG-17-4478-R5-05B	White Vinyl Sheet Flooring with Rectangle Design; Bathroom
ECG-17-4478-R5-06A	White Vinyl Sheet Flooring with Diamond Design; Kitchen, Middle
ECG-17-4478-R5-06B	White Vinyl Sheet Flooring with Diamond Design; Kitchen, Middle
ECG-17-4478-R5-07A	Window Putty; Exterior Window, Back Entry
ECG-17-4478-R5-07B	Window Putty; Exterior Window, Back Entry
ECG-17-4478-R5-08A	Asphalt Roofing; Roof, Back Entry
ECG-17-4478-R5-08B	Asphalt Roofing; Roof, Back Entry

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BULK ASBESTOS MATERIAL Analysis Request

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: September 12 & 13, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Turnaround Time: Monday, October 2, 2017
by 5PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining

Special Instruction: Stop Analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R6-01A	Drywall and Joint Compound; Dining Room, North Wall
ECG-17-4478-R6-01B	Drywall and Joint Compound; Dining Room, South Wall
ECG-17-4478-R6-01C	Drywall and Joint Compound; Bedroom, North Wall
ECG-17-4478-R6-02A	Wall and Ceiling Texture (Main House); Dining Room
ECG-17-4478-R6-02B	Wall and Ceiling Texture (Main House); Dining Room
ECG-17-4478-R6-02C	Wall and Ceiling Texture (Main House); Living Room
ECG-17-4478-R6-02D	Wall and Ceiling Texture (Main House); Bedroom
ECG-17-4478-R6-02E	Wall and Ceiling Texture (Main House); Living Room
ECG-17-4478-R6-03A	Tile Look Wall Panel/Black Mastic; Bathroom
ECG-17-4478-R6-04A	White Vinyl Sheet Flooring; Back House, Living Room
ECG-17-4478-R6-04B	White Vinyl Sheet Flooring; Back House, Living Room
ECG-17-4478-R6-05A	Texture, Trowel Look; Back House, Living Room
ECG-17-4478-R6-05B	Texture, Trowel Look; Back House, Living Room
ECG-17-4478-R6-05C	Texture, Trowel Look; Back House, Bedroom
ECG-17-4478-R6-06A	Vinyl Sheet Flooring, 1" x 1" Design; Debris Pile, Exterior
ECG-17-4478-R6-07A	Cement Siding Shingle and Felt; Exterior, Near Kitchen
ECG-17-4478-R6-07B	Cement Siding Shingle and Felt; Exterior, North End

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BULK ASBESTOS MATERIAL *Analysis Request*

ENTEK CONSULTING GROUP, INC.
 4200 ROCKLIN ROAD, SUITE 7
 ROCKLIN, CA 95677
 (916) 632-6800 PHONE
 (916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: September 12 & 13, 2017 **Lab:** Asbestech
Job Number: 17-4478 **Collected by:** Andy Roed
Client Name: Blackburn Consulting **Turnaround Time:** Monday, October 2, 2017 by 5PM
Site Address: Liberty Island **ANALYSIS REQUESTED:** Asbestos by PLM with Dispersion Staining
 Dixon, CA 95620

Special Instruction: *Stop Analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.*

Please e-mail results as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R6-08A	Asphalt Roofing; Roof, East Side, Near Edge
ECG-17-4478-R6-08B	Asphalt Roofing; Roof, East Side, Near Edge

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64691

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: September 12 & 13, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Turnaround Time: Monday, October 2, 2017
by 5PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining

Special Instruction: Stop Analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R7-01A	Drywall and Joint Compound; Entry
ECG-17-4478-R7-01B	Drywall and Joint Compound; Living Room
ECG-17-4478-R7-01C	Drywall and Joint Compound; Bedroom
ECG-17-4478-R7-02A	Vinyl Sheet Flooring, Square Pattern (White); Back Entry
ECG-17-4478-R7-03A	Vinyl Sheet Flooring, White Flower Pattern; Back Entry
ECG-17-4478-R7-04A	Vinyl Sheet Flooring, White Rectangle Pattern; Back Entry
ECG-17-4478-R7-05A	Window Putty; South Exterior Window
ECG-17-4478-R7-06A	Asphalt Roofing; South End, Roof, Near Edge
ECG-17-4478-R7-06B	Asphalt Roofing; South End, Roof, Near Edge
ECG-17-4478-R7-07A	Cement Siding Panels; South End, Exterior
ECG-17-4478-R7-07B	Cement Siding Panels; East End, Exterior
ECG-17-4478-R7-08A	Vinyl Sheet Flooring, Diamond Pattern (Foam Backing) (Beige); Kitchen
ECG-17-4478-R7-08B	Vinyl Sheet Flooring, Diamond Pattern (Foam Backing) (Beige); Restroom

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BULK ASBESTOS MATERIAL *Analysis Request*

64692

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: September 12 & 13, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Turnaround Time: Monday, October 2, 2017
by 5PM

Site Address: Liberty Island
Dixon, CA 95620


ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining

Special Instruction: Stop Analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R8-01A	Cementitious Siding Panels and Felt; Exterior, South End
ECG-17-4478-R8-01B	Cementitious Siding Panels and Felt; Exterior, South End
ECG-17-4478-R8-02A	Black/Gray Penetration Mastic; Exterior, South End
ECG-17-4478-R8-03A	Asphalt Roofing (Rolled Roofing) over Green Shingles; Roof, Near Entry
ECG-17-4478-R8-03B	Asphalt Roofing (Rolled Roofing) over Green Shingles; Roof, South End
ECG-17-4478-R8-04A	Wood Pattern Vinyl Sheet Flooring and Tan Mastic; Restroom
ECG-17-4478-R8-05A	Green Vinyl Sheet Flooring and Brown Mastic; Room near Restroom
ECG-17-4478-R8-06A	Beige Vinyl Sheet Tile (Swirl Design) Mastic; Bedroom
ECG-17-4478-R8-06B	Beige Vinyl Sheet Tile (Swirl Design) Mastic; Bedroom
ECG-17-4478-R8-07A	White Vinyl Sheet Flooring and Brown Mastic; Entry
ECG-17-4478-R8-08A	Drywall and Joint Compound; Bedroom, South Corner
ECG-17-4478-R8-08B	Drywall and Joint Compound; Bedroom, South Wall
ECG-17-4478-R8-08C	Drywall and Joint Compound; Kitchen, Southeast Corner
ECG-17-4478-R8-09A	White with Pink and Blue Specks Vinyl Sheet Flooring and Black Mastic; Entry Way
ECG-17-4478-R8-10A	Green Vinyl Floor Tile Square Pattern with Felt Paper and Tan Mastic; Kitchen
ECG-17-4478-R8-10B	Green Vinyl Floor Tile Square Pattern with Felt Paper and Tan Mastic; Kitchen

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64693

BULK ASBESTOS MATERIAL Analysis Request

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: September 12 & 13, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Turnaround Time: Monday, October 2, 2017 by 5PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Asbestos by PLM with Dispersion Staining

Special Instruction: Stop Analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results as soon as available and include copy of submittal with those results.

Table with 2 columns: SAMPLE # and MATERIAL DESCRIPTION/LOCATION. Rows include various sample IDs and their corresponding material descriptions like 'Pebble Design Vinyl Sheet Flooring', 'Rose Pattern Wallpaper', etc.

Delivered by: [Signature]

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Date: 9/22/17 Time: 2:10 AM/PM



64693

BULK ASBESTOS MATERIAL *Analysis Request*

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
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(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: September 12 & 13, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Turnaround Time: Monday, October 2, 2017
by 5PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining

Special Instruction: Stop Analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R9-10B	Drywall and Joint Compound; Living Room, Southwest Corner
ECG-17-4478-R9-10C	Drywall and Joint Compound; Bedroom, Southeast Corner
ECG-17-4478-R9-11A	Concrete Siding Panels and Felt; Exterior, Southeast
ECG-17-4478-R9-11B	Concrete Siding Panels and Felt; Exterior, Northeast
ECG-17-4478-R9-12A	White Chalk Window Putty; Exterior, Window, East End
ECG-17-4478-R9-12B	White Chalk Window Putty; Exterior, Window, East End
ECG-17-4478-R9-13A	Asphalt Roof Shingles; Roof, East End, Near Edge
ECG-17-4478-R9-13B	Asphalt Roof Shingles; Roof, East End, Near Edge

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Time: 2:10 AM/PM

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Date: 9/22/17

Time: 2:00 AM/PM



64682

BULK ASBESTOS MATERIAL *Analysis Request*

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: September 12 & 13, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Turnaround Time: Monday, October 2, 2017
by 5PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining

Special Instruction: Stop Analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-B1-01A	Concrete; Main Foundation Pad, Middle
ECG-17-4478-B1-02A	Window Putty; Back Wall, Windows
ECG-17-4478-B1-02B	Window Putty; Back Wall, Windows
ECG-17-4478-B1-03A	Vinyl Sheet Flooring 6" x 6" Design, Brown Mastic; Detached Kitchen Room, Middle
ECG-17-4478-B1-03B	Vinyl Sheet Flooring 6" x 6" Design, Brown Mastic; Detached Kitchen Room, Middle
ECG-17-4478-B1-04A	Chalky White Window Putty; Front of Barn, Window
ECG-17-4478-B1-04B	Chalky White Window Putty; Front of Barn Window

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Date: 9/22/17 Time: 2:10 AM/PM



64683

BULK ASBESTOS MATERIAL *Analysis Request*

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: August 28, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andrew Roed

Client Name: Blackburn Consulting

Turnaround Time: Day: Monday
Date: 10/2/17 Time: 5 PM

Site Address: Liberty Island
Dixon, CA 95620


ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining


Special Instruction: Stop Analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-B2-01A	Drywall/Joint Compound: Room #2; Above Entry Door
ECG-17-4478-B2-01B	Drywall/Joint Compound: Room #1; North West Corner
ECG-17-4478-B2-02A	Heavy Ceiling Texture/Bedroom, North End
ECG-17-4478-B2-02B	Heavy Ceiling Texture/Bedroom, North End
ECG-17-4478-B2-02C	Heavy Ceiling Texture/Living Room, North End
ECG-17-4478-B2-03A	Vinyl Sheet Flooring Over Other Flooring With Paper Backing/ Living Room, South End
ECG-17-4478-B2-03B	Vinyl Sheet Flooring Over Other Flooring With Paper Backing/ Living Room, North End

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BULK ASBESTOS MATERIAL *Analysis Request*

64684

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: 9-13-17

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Turnaround Time: 10-2-17

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining

Special Instruction: Stop Analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-B3-01A	Concrete / main foundation

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Date: 9/20/17

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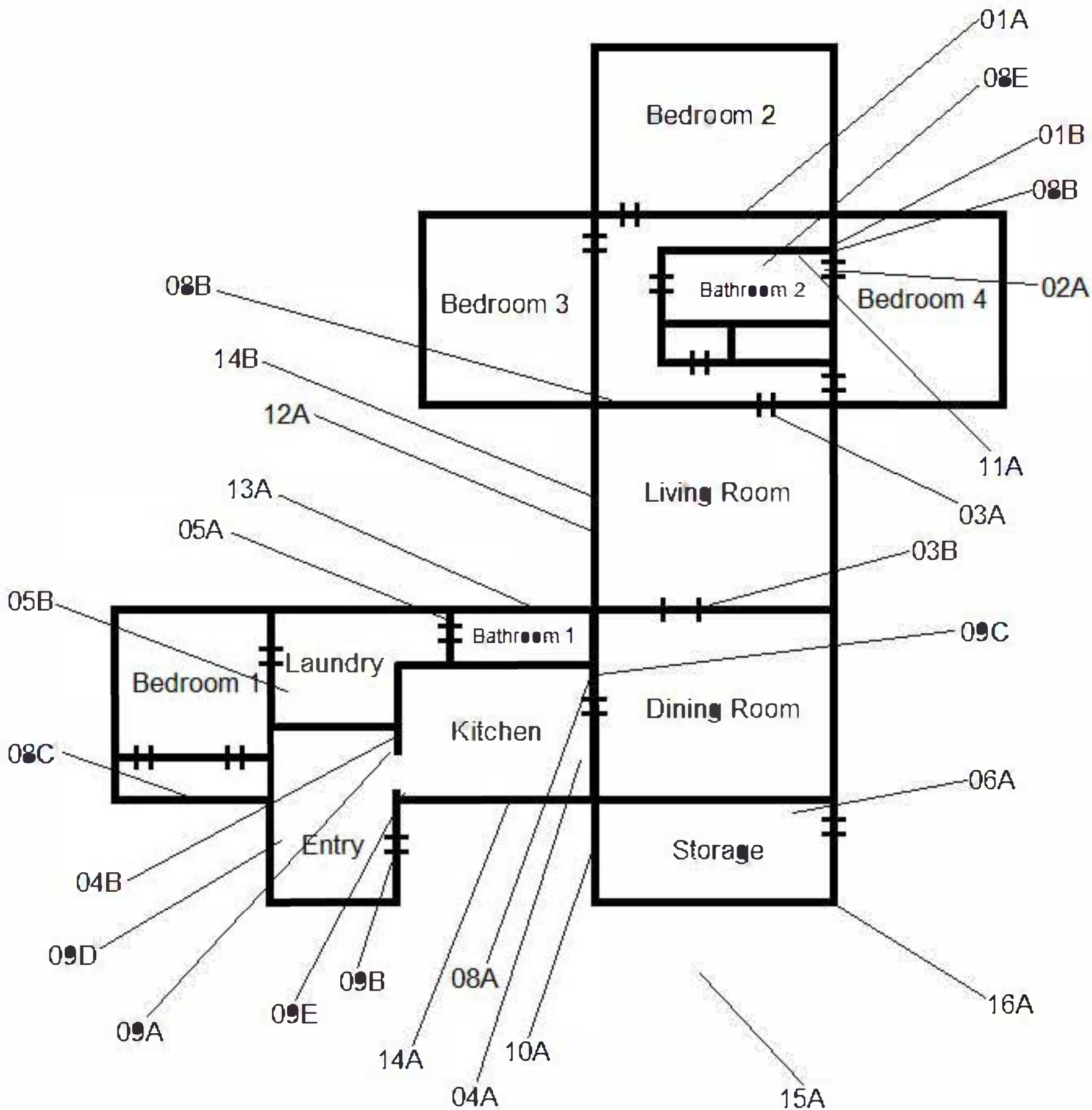
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Date: 9/22/17

Time: 2:10 AM/PM

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R1



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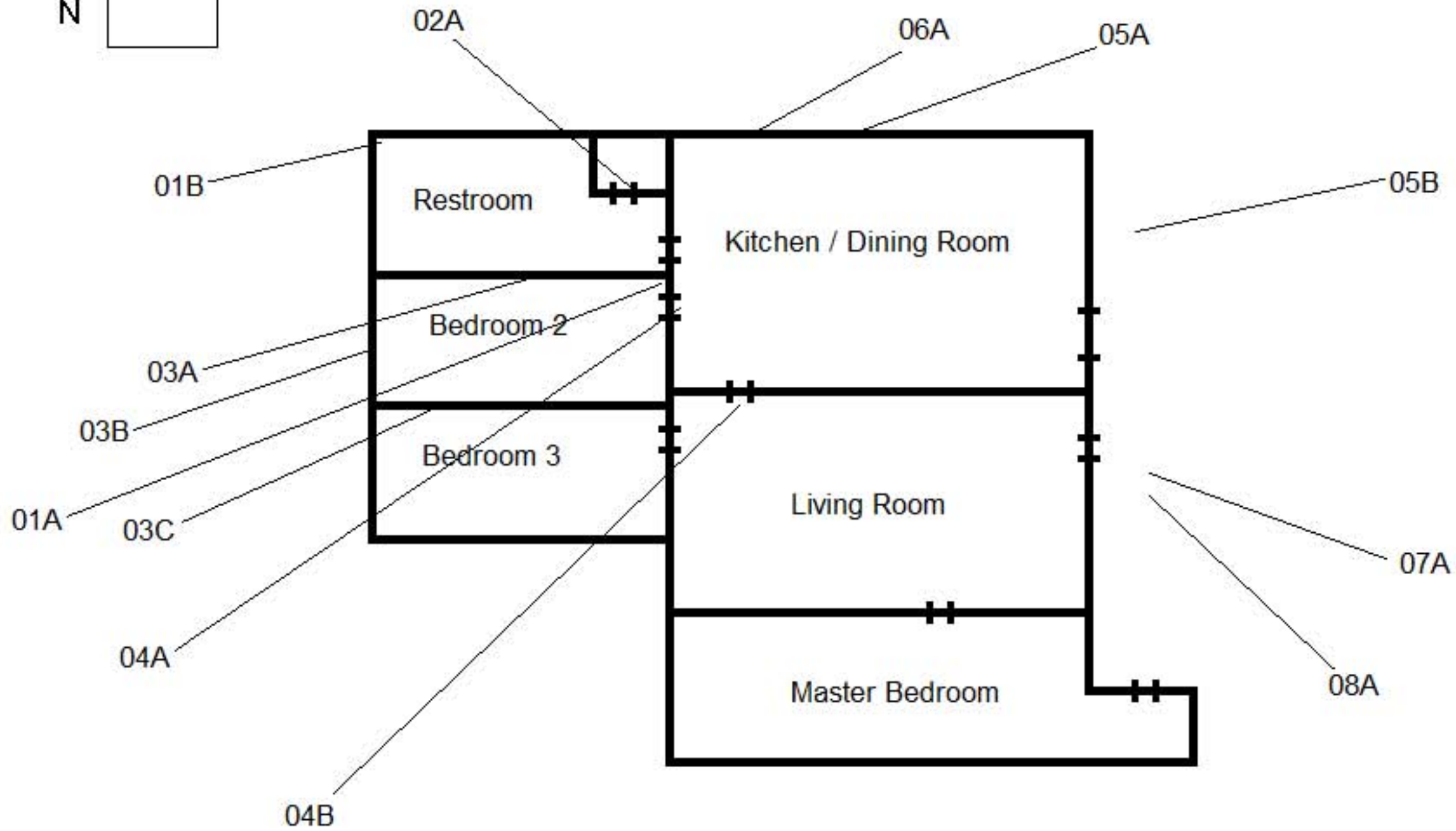
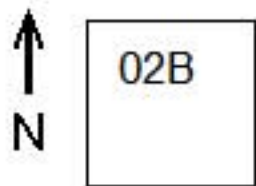
Blackburn Consulting
Liberty Island
Dixon, California

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Asbestos Bulk Sample Locations
Collected by Andy Reed
August 24, 2017
Project Number 17-4478

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R2

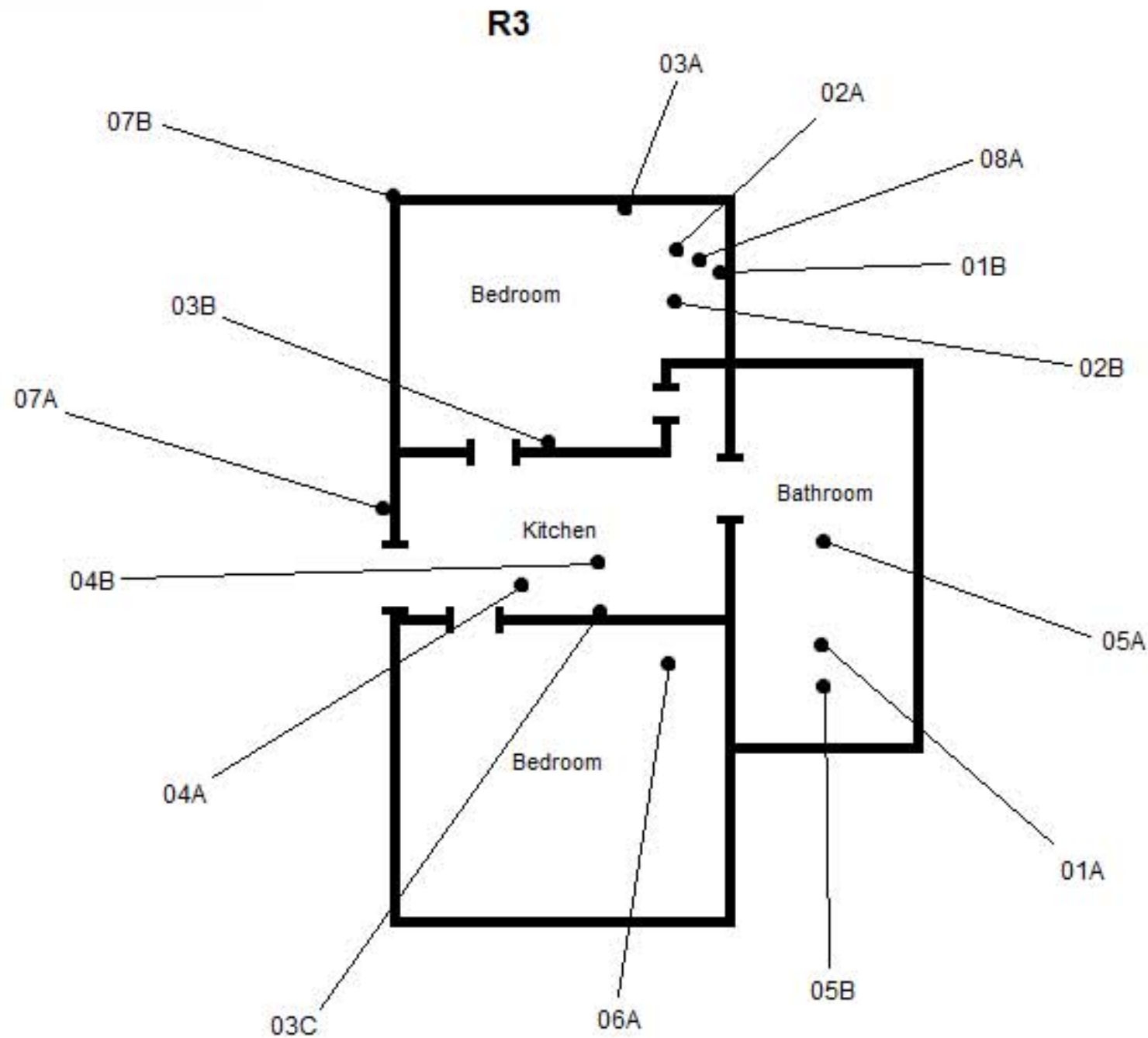


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Blackburn Consulting
Liberty Island
Dixon, CA 95620

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4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Asbestos Bulk Sample Locations
Collected by Andrew Roed
on August 24, 2017
Project Number 17-4478



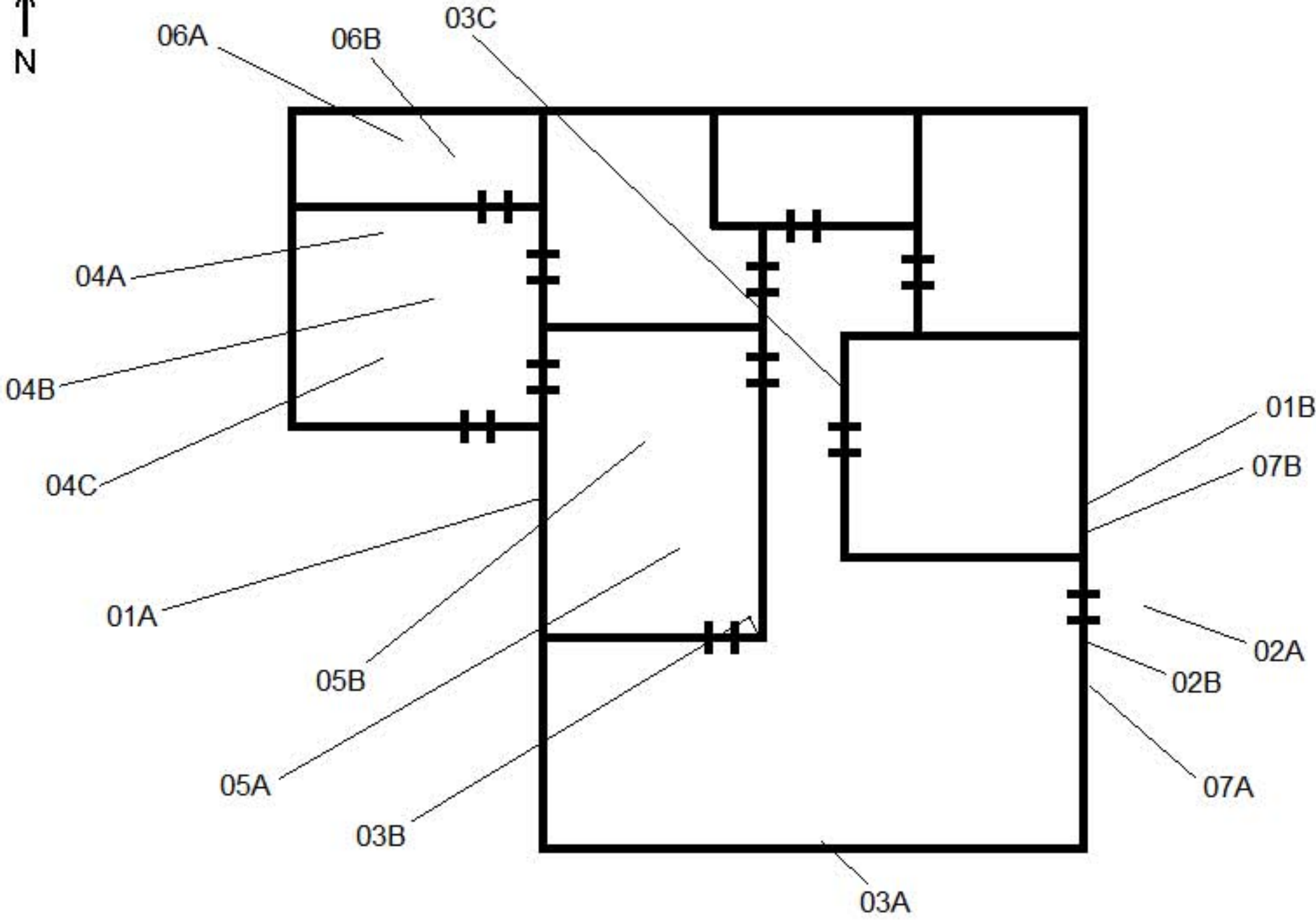
Sample Numbers are Preceded by ECG-17-4478

Blackburn Consulting
Liberty Island
Dixon, CA 95620

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4200 Rocklin Road, Suite 7
Rocklin, CA 95677
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Asbestos Bulk Sample Locations
Collected by Andy Roed
on September 12 & 13, 2017
Project Number 17-4478

R4



Sample Numbers are Preceded by ECG-17-4478

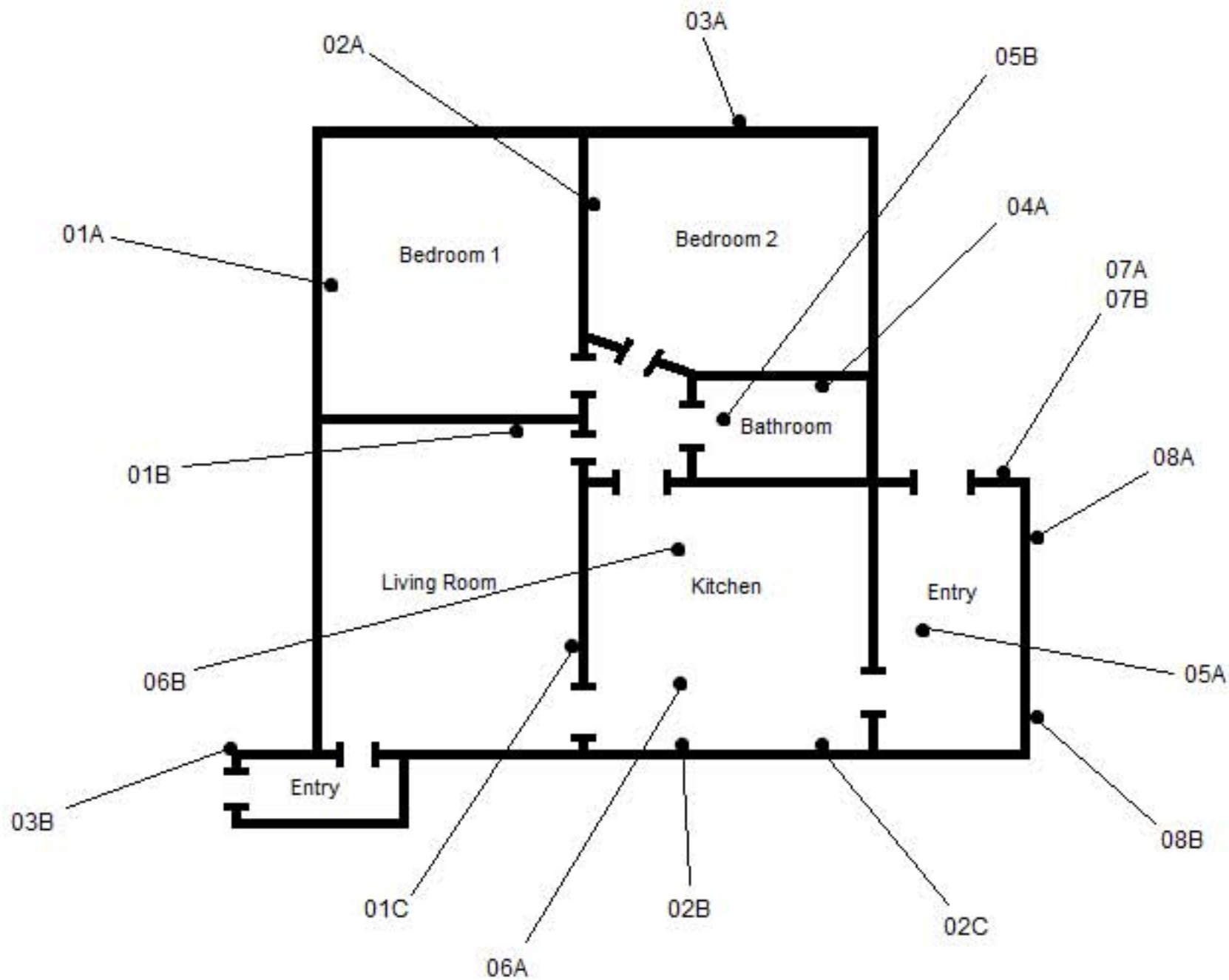
Blackburn Consulting
 Liberty Island
 Dixon, CA 95620

Entek Consulting Group, Inc.
 4200 Rocklin Road, Suite 7
 Rocklin, CA 95677
 Map Not to Scale

Asbestos Bulk Sample Locations
 Collected by Andrew Roed
 on August 24, 2017
 Project Number 17-4478



R5



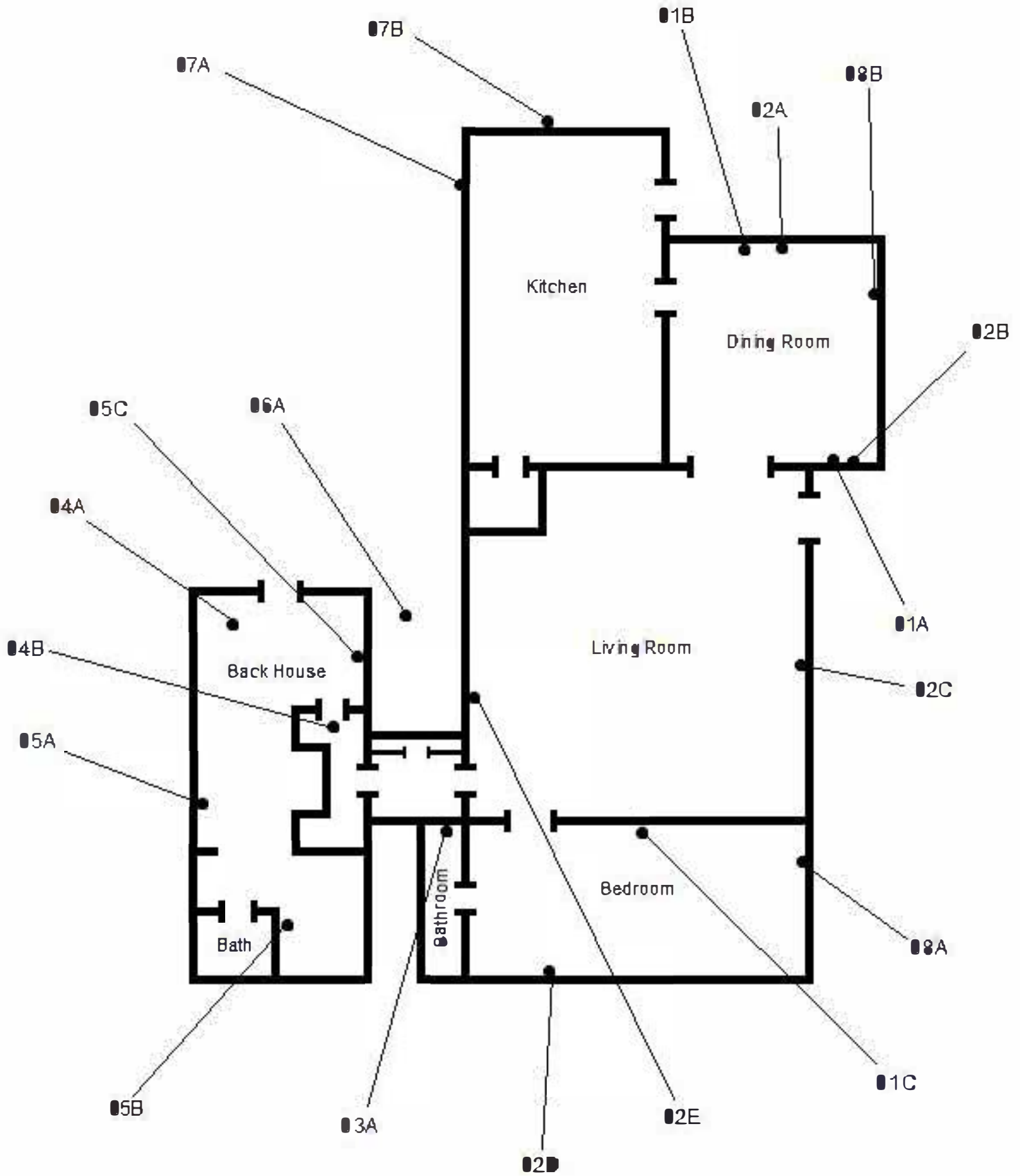
Sample Numbers are Preceded by ECG-17-4478

Blackburn Consulting
Liberty Island
Dixon, CA 95620

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Asbestos Bulk Sample Locations
Collected by Andy Roed
on September 12 & 13, 2017
Project Number 17-4478

R6



Sample Numbers are Preceded by ECG-17-4478

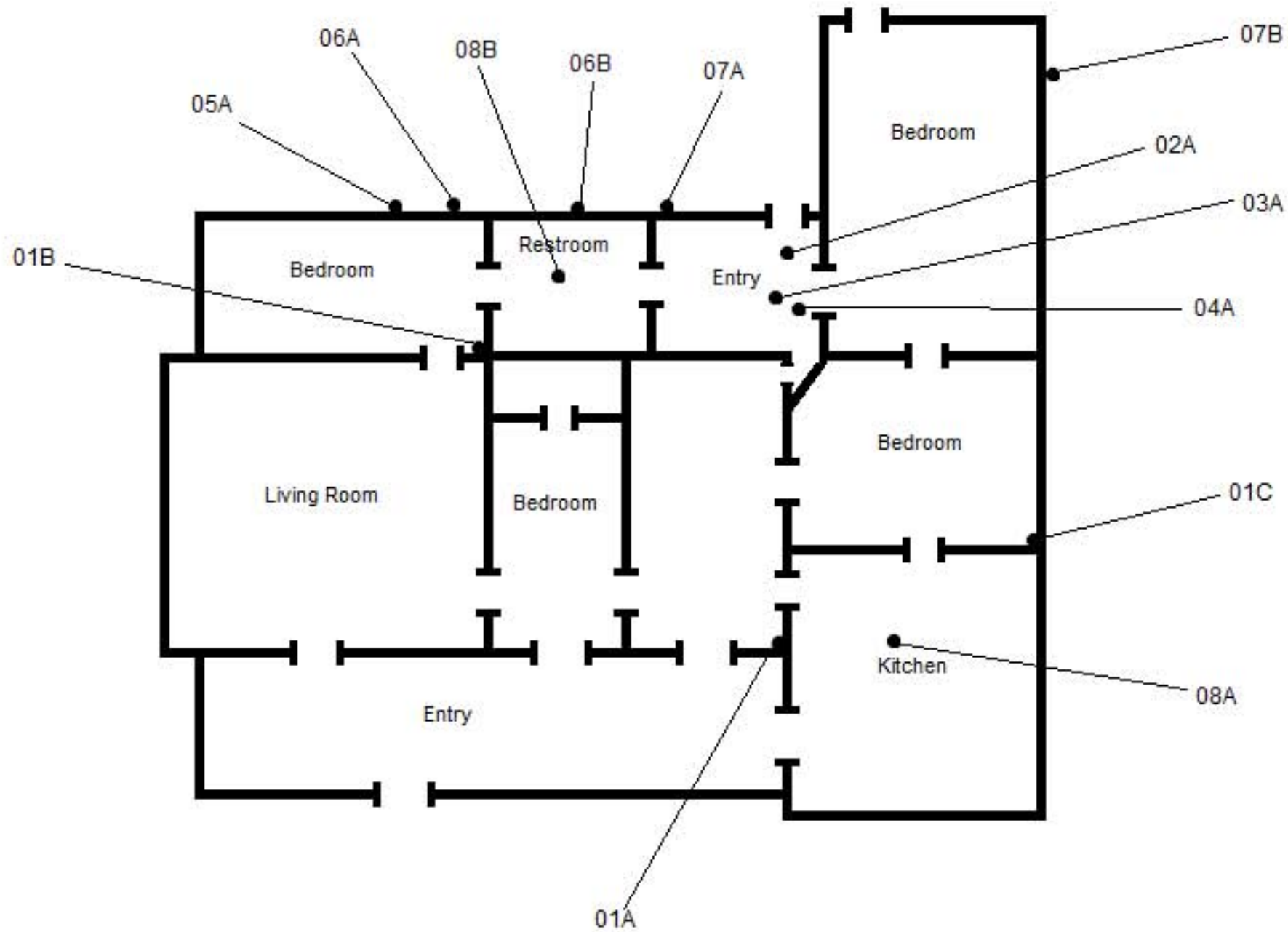
Blackburn Consulting
 Liberty Island
 Dixon, California

Entek Consulting Group, Inc.
 4200 Rocklin Road, Suite 7
 Rocklin, CA 95677
 Map Not to Scale

Asbestos Bulk Sample Locations
 Collected by Andy Reed
 on September 12 & 13, 2017
 Project Number 17-4478

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R7



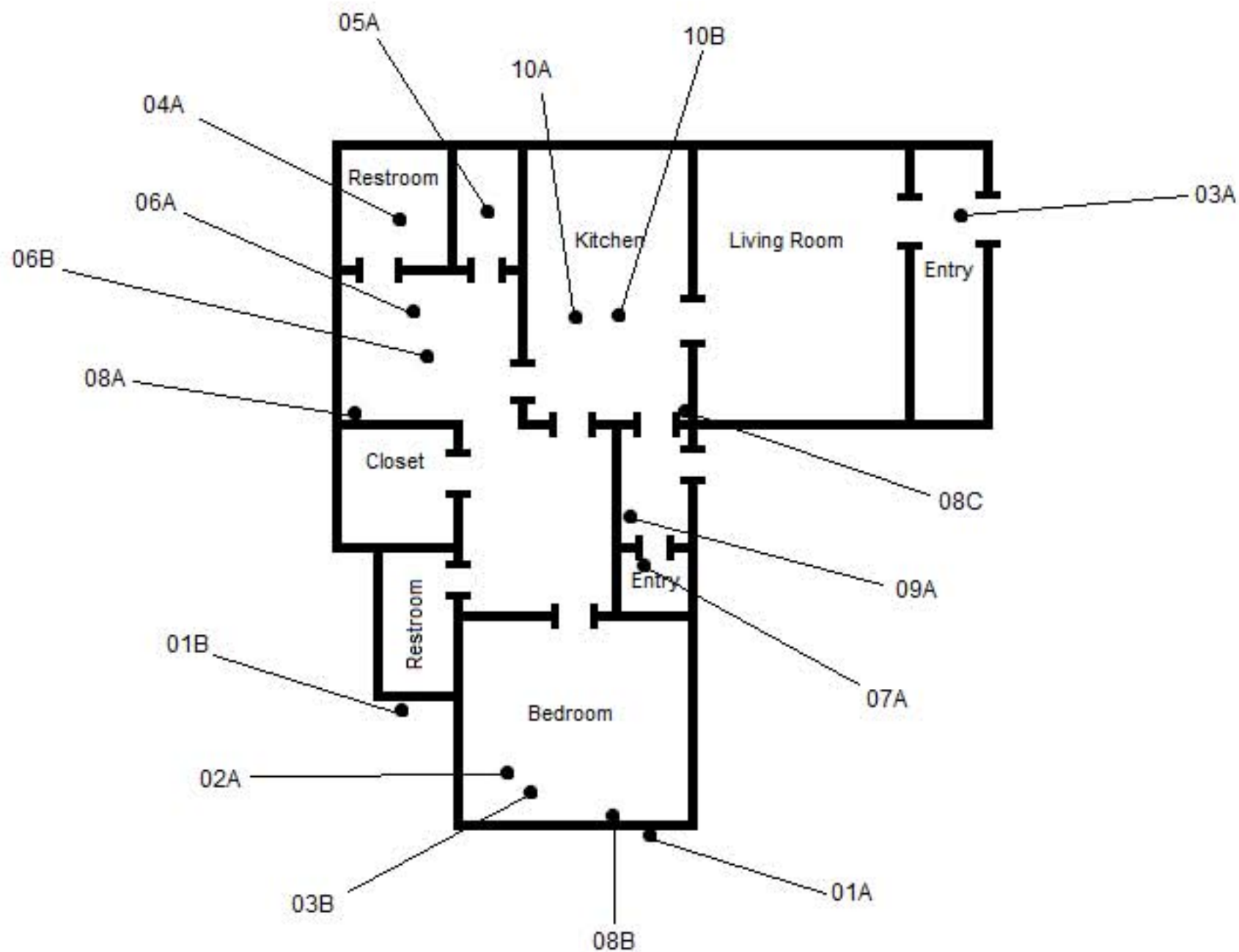
Sample Numbers are Preceded by ECG-17-4478

Blackburn Consulting
Liberty Island
Dixon, CA 95620

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Asbestos Bulk Sample Locations
Collected by Andy Roed
on September 12 & 13, 2017
Project Number 17-4478

R8



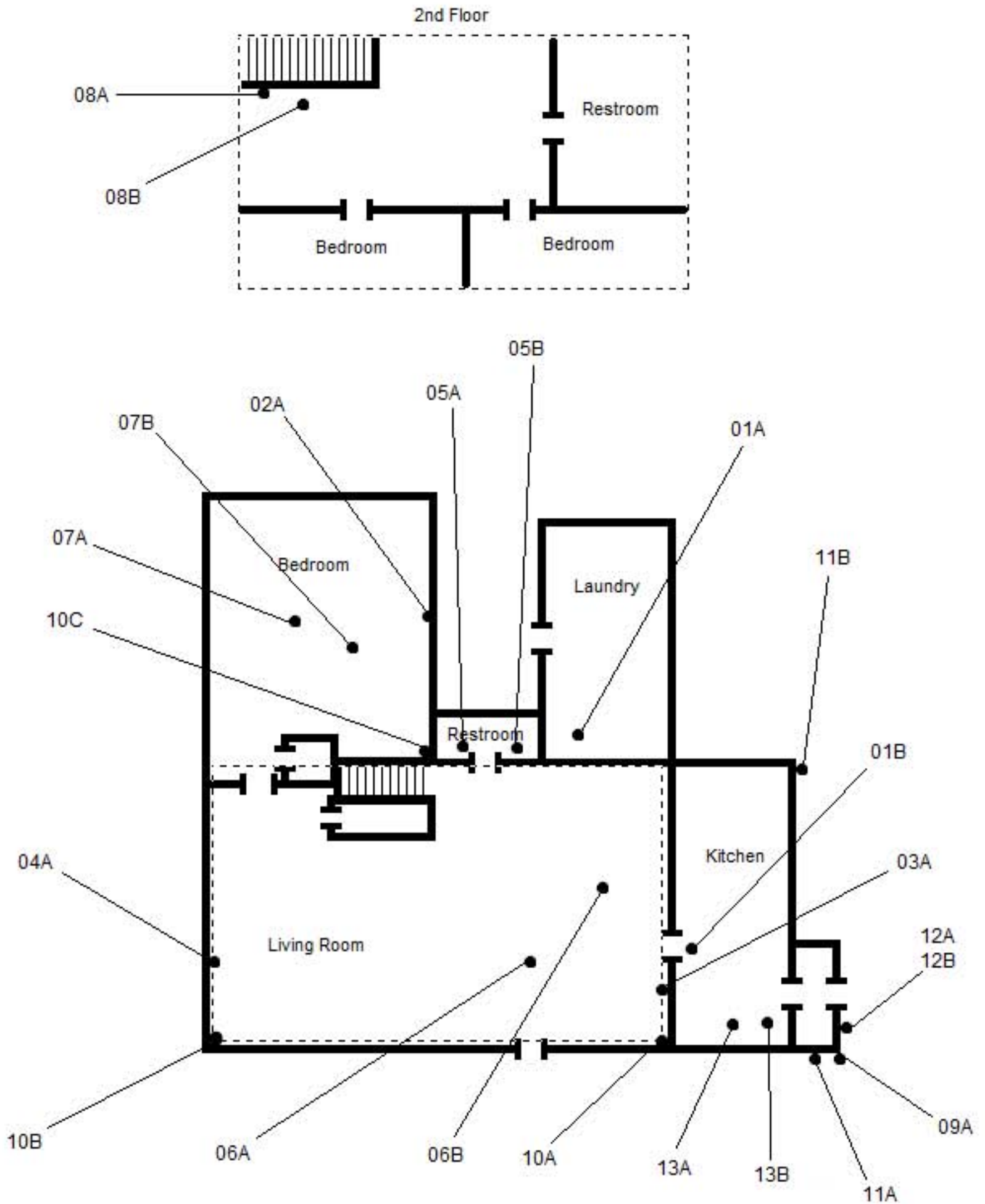
Sample Numbers are Preceded by ECG-17-4478

Blackburn Consulting
Liberty Island
Dixon, CA 95620

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4200 Rocklin Road, Suite 7
Rocklin, CA 95677
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Asbestos Bulk Sample Locations
Collected by Andy Roed
on September 12 & 13, 2017
Project Number 17-4478

R9



Sample Numbers are Preceded by ECG-17-4478

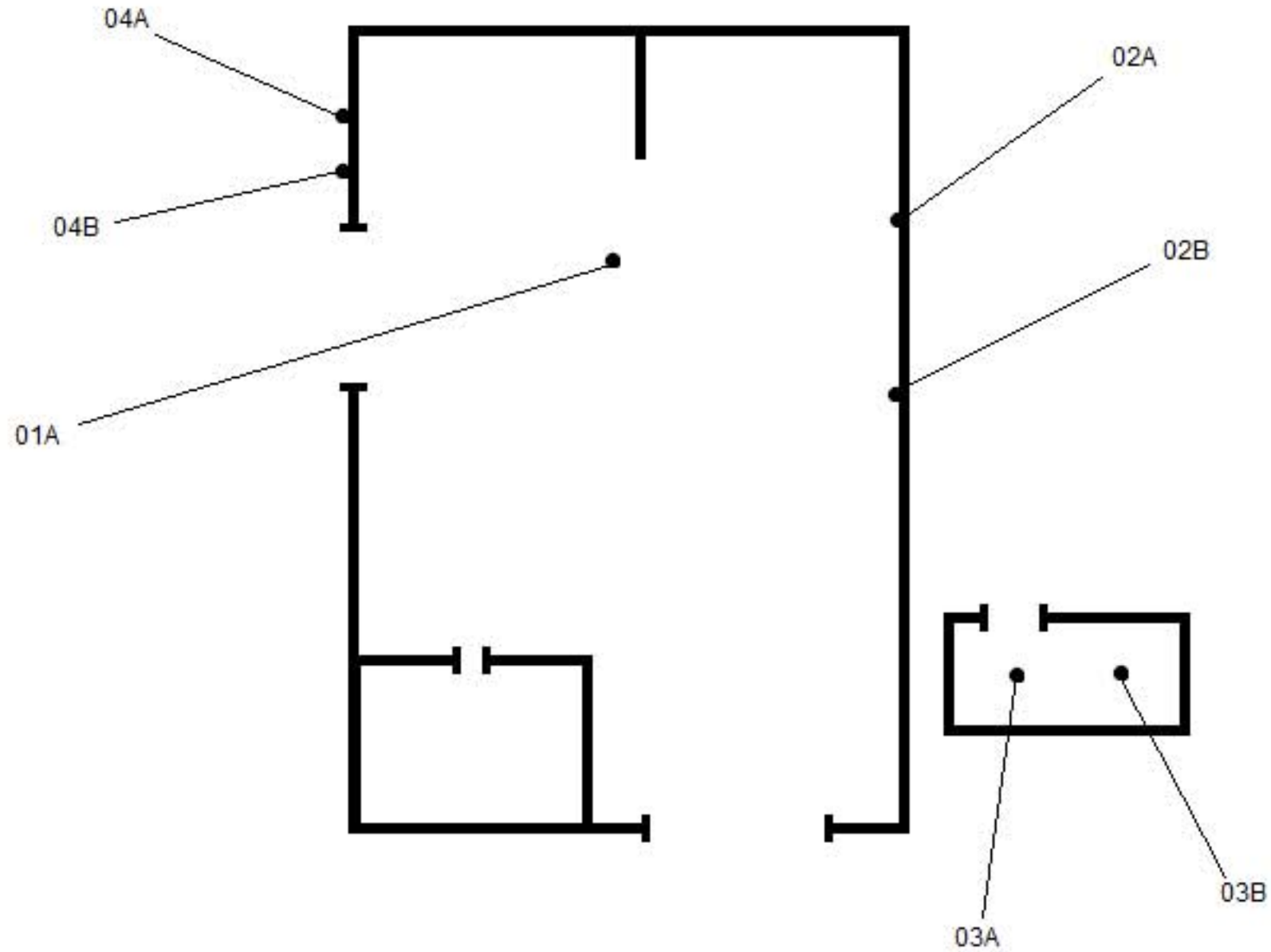
Blackburn Consulting
Liberty Island
Dixon, California

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Asbestos Bulk Sample Locations
Collected by Andy Roed
on September 12 & 13, 2017
Project Number 17-4478

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B1



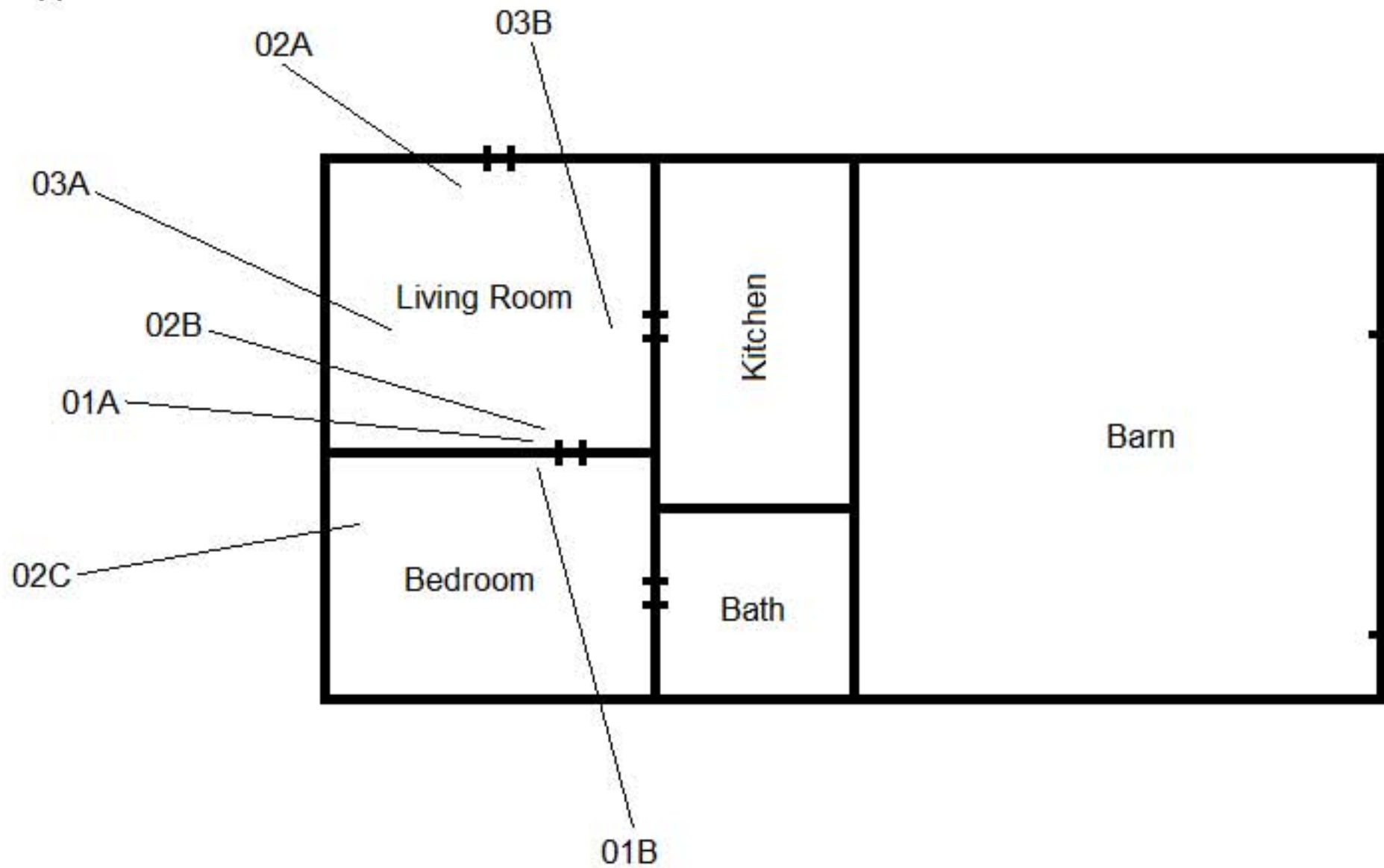
Sample Numbers are Preceded by ECG-17-4478

Blackburn Consulting
Liberty Island
Dixon, CA 95620

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Asbestos Bulk Sample Locations
Collected by Andy Roed
on September 12 & 13, 2017
Project Number 17-4478

B2



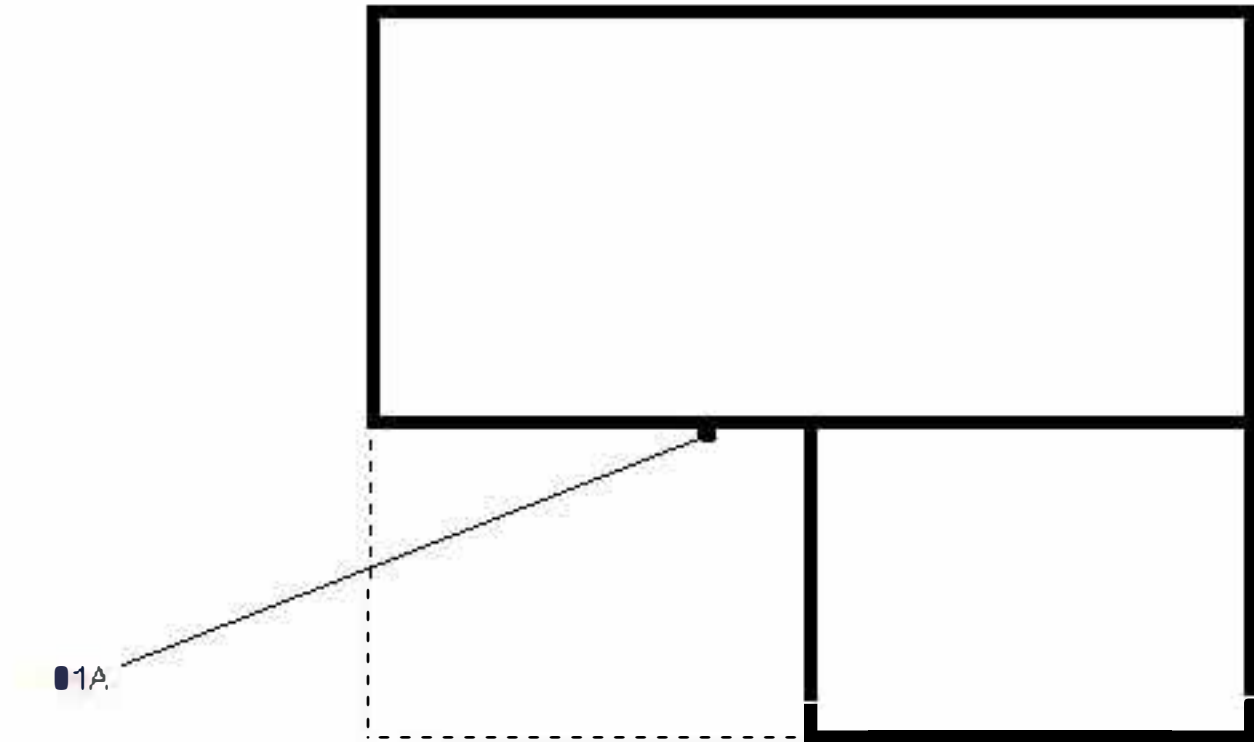
Sample Numbers are Preceded by ECG-17-4478

Blackburn Consulting
Liberty Island
Dixon, CA 95620

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Asbestos Bulk Sample Locations
Collected by Andrew Roed
on August 24, 2017
Project Number 17-4478

B3



Sample Numbers are Preceded by ECG-17-4478

Blackburn Consulting
Liberty Island
Dixon, CA 95620

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Asbestos Bulk Sample Locations
Collected by Andy Roed
on September 12 & 13, 2017
Project Number 17-4478

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APPENDIX B

LEAD RELATED DOCUMENTS

- Bulk Lead Material Analysis Report Form for Entek
- Lead in Paint Samples Analysis Report From Asbestech
- Bulk Lead Material Analysis Request Form for Entek
- Lead Bulk Sample Location Drawing
- Lead Hazard Evaluation Report (CDPH 8552)

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BULK LEAD MATERIAL *Analysis Report*

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7

ROCKLIN, CA 95677

(916) 632-6800 PHONE

(916) 632-6812 FAX

mainoffice@entekgroup.com

Date of Sampling: August 24, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Site Address: Liberty Island
Dixon, CA 95620

SAMPLE #	LEAD RESULT (PPM)	RESULT IN WT%	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R1-01Pb	2,400	0.24	Green Paint on Drywall Hallway Outside of Living Room
ECG-17-4478-R1-02Pb	50	0.0050	White Paint on Drywall: Bathroom #1
ECG-17-4478-R1-03Pb	870	0.087	Maroon Paint on Drywall: Storage Room
ECG-17-4478-R1-04Pb	25,000	2.5	White Paint over Green Paint on Exterior Wood Siding: North Side of Home
ECG-17-4478-R1-05Pb	260	0.026	Brown Over White Paint on Wood Deck: North Deck by Entry Way
ECG-17-4478-R1-06Pb	< 50	<0.0050	Brown Strain on Wood: Wood Deck; West Side of Home
ECG-17-4478-R1-07Pb	30,000	3.0	White Paint on Exterior Wood Siding; West Side of Home

Z:\Clients\Blackburn Consulting\17-4478 Liberty Island - Asb & Pb\Bulk Sample Pb\Bulk Report Pb R1 8-24-17.wpd



BULK LEAD MATERIAL *Analysis Report*

ENTEK CONSULTING GROUP, INC.

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Date of Sampling: August 24, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Site Address: Liberty Island
Dixon, CA 95620

SAMPLE #	LEAD RESULT (PPM)	RESULT IN WT%	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R2-01Pb	260	0.026	Beige Paint on Wood Panel Walls: Living Room; North Wall
ECG-17-4478-R2-02Pb	230	0.023	White Paint on Wood Panel Wall: Kitchen
ECG-17-4478-R2-03Pb	1,000	0.10	Green Pain on Metal Roof: North Side
ECG-17-4478-R2-04Pb	32,000	3.2	Tan Paint on Exterior Wood Siding: East Side
ECG-17-4478-R2-05Pb	4,800	0.48	Brown over White Pain on Exterior Wood Skirt and Some Trim: East Side

Z:\Clients\Blackburn Consulting\17-4478 Liberty Island - Asb & Pb\Bulk Sample Pb\Bulk Report Pb R2 8-24-17.wpd



BULK LEAD MATERIAL *Analysis Report*

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mainoffice@entekgroup.com

Date of Sampling: September 12 & 13, 2017 **Lab:** Asbestech

Job Number: 17-4478 **Collected by:** Andy Roed

Client Name: Blackburn Consulting

Site Address: Liberty Island
Dixon, CA 95620

SAMPLE #	LEAD RESULT (PPM)	RESULT IN WT%	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R3-01Pb	78,000	7.8	White on Interior Trim
ECG-17-4478-R3-02Pb	590	0.059	White on Interior Walls
ECG-17-4478-R3-03Pb	2,700	0.27	White on Exterior Wood Walls and Trim

Z:\Clients\Blackburn Consulting\17-4478 Liberty Island - Asb & Pb\Bulk Sample Pb\Bulk Report Pb R3 9-12&13-17.wpd



BULK LEAD MATERIAL *Analysis Report*

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mainoffice@entekgroup.com**Date of Sampling:** August 28, 2017**Lab:** Asbestech**Job Number:** 17-4478**Collected by:** Andy Roed**Client Name:** Blackburn Consulting**Site Address:** Liberty Island
Dixon, CA 95620

SAMPLE #	LEAD RESULT (PPM)	RESULT IN WT%	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R4-01Pb	1,700	0.17	White Paint on Interior Walls
ECG-17-4478-R4-02Pb	19,000	1.9	White Paint on Exterior Siding & Trim

Z:\Clients\Blackburn Consulting\17-4478 Liberty Island - Asb & Pb\Bulk Sample Pb\Bulk Report Pb R4 8-28-17.wpd



BULK LEAD MATERIAL *Analysis Report*

ENTEK CONSULTING GROUP, INC.

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mainoffice@entekgroup.com

Date of Sampling: September 12 & 13, 2017 **Lab:** Asbestech

Job Number: 17-4478 **Collected by:** Andy Roed

Client Name: Blackburn Consulting

Site Address: Liberty Island
Dixon, CA 95620

SAMPLE #	LEAD RESULT (PPM)	RESULT IN WT%	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R5-01Pb	< 50	< 0.0050	White on Exterior Trim
ECG-17-4478-R5-02Pb	170	0.017	White Paint on Interior Walls
ECG-17-4478-R5-03Pb	2,700	0.27	Ceramic Wall Tile (Blue); Bathroom

Z:\Clients\Blackburn Consulting\17-4478 Liberty Island - Asb & Pb\Bulk Sample Pb\Bulk Report Pb R5 9-12&13-17.wpd



BULK LEAD MATERIAL *Analysis Report*

ENTEK CONSULTING GROUP, INC.

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Date of Sampling: September 12 & 13, 2017 **Lab:** Asbestech

Job Number: 17-4478 **Collected by:** Andy Roed

Client Name: Blackburn Consulting

Site Address: Liberty Island
Dixon, CA 95620

SAMPLE #	LEAD RESULT (PPM)	RESULT IN WT%	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R6-01Pb	< 50	< 0.0050	White on Interior Walls
ECG-17-4478-R6-02Pb	5,600	0.56	White Interior Trim
ECG-17-4478-R6-03Pb	< 50	< 0.0050	Blue Interior Walls (Back House)
ECG-17-4478-R6-04Pb	2,100	0.21	White Exterior Siding
ECG-17-4478-R6-05Pb	80,000	8.0	White Exterior Trim

Z:\Clients\Blackburn Consulting\17-4478 Liberty Island - Asb & Pb\Bulk Sample Pb\Bulk Report Pb R6 9-12&13-17.wpd



BULK LEAD MATERIAL *Analysis Report*

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Date of Sampling: September 12 & 13, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Site Address: Liberty Island
Dixon, CA 95620

SAMPLE #	LEAD RESULT (PPM)	RESULT IN WT%	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R7-01Pb	840	0.084	Pink Interior Walls
ECG-17-4478-R7-02Pb	75,000	7.5	White on Wood Siding
ECG-17-4478-R7-03Pb	1,300	0.13	Pink on Exterior
ECG-17-4478-R7-04Pb	5,900	0.59	Blue on Exterior Trim

Z:\Clients\Blackburn Consulting\17-4478 Liberty Island - Asb & Pb\Bulk Sample Pb\Bulk Report Pb R7 9-12&13-17.wpd



BULK LEAD MATERIAL *Analysis Report*

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(916) 632-6812 FAX

mainoffice@entekgroup.com

Date of Sampling: September 12 & 13, 2017 **Lab:** Asbestech

Job Number: 17-4478 **Collected by:** Andy Roed

Client Name: Blackburn Consulting

Site Address: Liberty Island
Dixon, CA 95620

SAMPLE #	LEAD RESULT (PPM)	RESULT IN WT%	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R8-01Pb	52,000	5.2	Light Blue on Exterior Wood Siding
ECG-17-4478-R8-02Pb	360	0.036	White on Exterior Trim and Siding
ECG-17-4478-R8-03Pb	< 50	< 0.0050	Light Green on Interior Walls/Ceiling
ECG-17-4478-R8-04Pb	1,000	0.10	Dark Green on Interior Trim

Z:\Clients\Blackburn Consulting\17-4478 Liberty Island - Asb & Pb\Bulk Sample Pb\Bulk Report Pb R8 9-12&13-17.wpd



BULK LEAD MATERIAL *Analysis Report*

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mainoffice@entekgroup.com

Date of Sampling: September 12 & 13, 2017 **Lab:** Asbestech

Job Number: 17-4478 **Collected by:** Andy Roed

Client Name: Blackburn Consulting

Site Address: Liberty Island
Dixon, CA 95620

SAMPLE #	LEAD RESULT (PPM)	RESULT IN WT%	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R9-01Pb	130	0.013	Red Paint on Interior Walls
ECG-17-4478-R9-02Pb	2,000	0.20	Blue Paint on Interior Walls
ECG-17-4478-R9-03Pb	60,000	6.0	Green Exterior Trim

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FLAME ATOMIC ABSORPTION SPECTROMETRY
LEAD (Pb) IN PAINT SAMPLES
METHOD SW846-3050B-7420

CLIENT:
Entek Consulting Group, Inc.
4200 Rocklin Rd., Suite 7
Rocklin, CA 95677

CDPH ELAP#1153
ELPAT#101801

JOB I.D: 17-4478 Blackburn Consulting,
Liberty Island,
Dixon, Ca

DATE RECEIVED: 9/22/17

DATE ANALYZED: 10/2/17

LAB JOB NO: 11160

DATE REPORTED: 10/2/17

SAMPLE DATE	SAMPLE NUMBER	DESCRIPTION	PPM	RESULT IN WT%	RL	Q.C. BATCH
8/24/17	ECG-17-4478-R1-01Pb	Green paint on drywall hallway outside of living room	2400	0.24	0.0050%	125
8/24/17	ECG-17-4478-R1-02Pb	White paint on drywall, bathroom #1	50	0.0050	0.0050%	125
8/24/17	ECG-17-4478-R1-03Pb	Maroon paint on drywall, storage room	870	0.087	0.0050%	125
8/24/17	ECG-17-4478-R1-04Pb	White over green paint on exterior wood siding, north side of home	25000	2.5	0.0050%	125
8/24/17	ECG-17-4478-R1-05Pb	Brown over white paint on wood deck, north deck by entryway	260	0.026	0.0050%	125
8/24/17	ECG-17-4478-R1-06Pb	Brown stain on wood deck, west side of home	<50	<0.0050	0.0050%	125
8/24/17	ECG-17-4478-R1-07Pb	White paint on exterior wood siding, west side of home	30000	3.0	0.0050%	125

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LABORATORY DIRECTOR: TOM CONLON

ANALYST: JIM JUNGLES



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FLAME ATOMIC ABSORPTION SPECTROMETRY
LEAD (Pb) IN PAINT SAMPLES
METHOD SW846-3050B-7420

CLIENT:
Entek Consulting Group, Inc.
4200 Rocklin Rd., Suite 7
Rocklin, CA 95677

CDPH ELAP#1153
ELPAT#101801

JOB I.D: 17-4478 Blackburn Consulting,
Liberty Island,
Dixon, Ca

DATE RECEIVED: 9/22/17

DATE ANALYZED: 10/2/17

LAB JOB NO: 11161

DATE REPORTED: 10/2/17

SAMPLE DATE	SAMPLE NUMBER	DESCRIPTION	PPM	RESULT IN WT%	RL	Q.C. BATCH
8/24/17	ECG-17-4478-R2-01Pb	Beige paint on wood panel walls, living room north wall	260	0.026	0.0050%	125
8/24/17	ECG-17-4478-R2-02Pb	White paint on wood panel walls, kitchen	230	0.023	0.0050%	125
8/24/17	ECG-17-4478-R2-03Pb	Green paint on metal roof, north side	1000	0.10	0.0050%	126
8/24/17	ECG-17-4478-R2-04Pb	Tan paint on exterior wood siding, east side	32000	3.2	0.0050%	126
8/24/17	ECG-17-4478-R2-05Pb	Brown over white paint on exterior wood skirt & some trim, east side	4800	0.48	0.0050%	126

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FLAME ATOMIC ABSORPTION SPECTROMETRY
LEAD (Pb) IN PAINT SAMPLES
METHOD SW846-3050B-7420

CLIENT:
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CDPH ELAP#1153
ELPAT#101801

JOB I.D: 17-4478 Blackburn Consulting,
Liberty Island,
Dixon, Ca

DATE RECEIVED: 9/22/17

DATE ANALYZED: 10/2/17

LAB JOB NO: 11162

DATE REPORTED: 10/2/17

SAMPLE DATE	SAMPLE NUMBER	DESCRIPTION	PPM	RESULT IN WT%	RL	Q.C. BATCH
9/12/17	ECG-17-4478-R3-01Pb	White on interior trim	78000	7.8	0.0050%	126
9/12/17	ECG-17-4478-R3-02Pb	White on interior walls	590	0.059	0.0050%	126
9/12/17	ECG-17-4478-R3-03Pb	White on exterior wood walls & trim	2700	0.27	0.0050%	126

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FLAME ATOMIC ABSORPTION SPECTROMETRY
LEAD (Pb) IN PAINT SAMPLES
METHOD SW846-3050B-7420

CLIENT:
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CDPH ELAP#1153
ELPAT#101801

JOB I.D: 17-4478 Blackburn Consulting,
Liberty Island,
Dixon, Ca

DATE RECEIVED: 9/22/17

DATE ANALYZED: 10/2/17

LAB JOB NO: 11163

DATE REPORTED: 10/2/17

SAMPLE DATE	SAMPLE NUMBER	DESCRIPTION	PPM	RESULT IN WT%	RL	Q.C. BATCH
8/28/17	ECG-17-4478-R4-01Pb	White paint on interior walls	1700	0.17	0.0050%	126
8/28/17	ECG-17-4478-R4-02Pb	White paint on exterior siding & trim	19000	1.9	0.0050%	127

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LABORATORY DIRECTOR: TOM CONLON

ANALYST: JIM JUNGLES



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FLAME ATOMIC ABSORPTION SPECTROMETRY
LEAD (Pb) IN PAINT SAMPLES
METHOD SW846-3050B-7420

CLIENT:
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ELPAT#101801

JOB I.D: 17-4478 Blackburn Consulting,
Liberty Island,
Dixon, Ca

DATE RECEIVED: 9/22/17

DATE ANALYZED: 10/2/17

LAB JOB NO: 11164

DATE REPORTED: 10/2/17

SAMPLE DATE	SAMPLE NUMBER	DESCRIPTION	PPM	RESULT IN WT%	RL	Q.C. BATCH
9/12 & 13/17	ECG-17-4478-R5-01Pb	White on exterior trim	<50	<0.0050	0.0050%	127
9/12 & 13/17	ECG-17-4478-R5-02Pb	White paint on interior walls	170	0.017	0.0050%	127
9/12 & 13/17	ECG-17-4478-R5-03Pb	Blue ceramic wall tile, bathroom	2700	0.27	0.0050%	127

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LABORATORY DIRECTOR: TOM CONLON

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FLAME ATOMIC ABSORPTION SPECTROMETRY
LEAD (Pb) IN PAINT SAMPLES
METHOD SW846-3050B-7420

CLIENT:
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CDPH ELAP#1153
ELPAT#101801

JOB I.D: 17-4478 Blackburn Consulting,
Liberty Island,
Dixon, Ca

DATE RECEIVED: 9/22/17

DATE ANALYZED: 10/2/17

LAB JOB NO: 11165

DATE REPORTED: 10/2/17

SAMPLE DATE	SAMPLE NUMBER	DESCRIPTION	PPM	RESULT IN WT%	RL	Q.C. BATCH
9/12 & 13/17	ECG-17-4478-R6-01Pb	White on interior walls	<50	<0.0050	0.0050%	127
9/12 & 13/17	ECG-17-4478-R6-02Pb	White interior trim	5600	0.56	0.0050%	127
9/12 & 13/17	ECG-17-4478-R6-03Pb	Blue interior walls (back house)	<50	<0.0050	0.0050%	127
9/12 & 13/17	ECG-17-4478-R6-04Pb	White exterior siding	2100	0.21	0.0050%	127
9/12 & 13/17	ECG-17-4478-R6-05Pb	White exterior trim	80000	8.0	0.0050%	127

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FLAME ATOMIC ABSORPTION SPECTROMETRY
LEAD (Pb) IN PAINT SAMPLES
METHOD SW846-3050B-7420

CLIENT:
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CDPH ELAP#1153
ELPAT#101801

JOB I.D: 17-4478 Blackburn Consulting,
Liberty Island,
Dixon, Ca

DATE RECEIVED: 9/22/17

DATE ANALYZED: 10/2/17

LAB JOB NO: 11166

DATE REPORTED: 10/2/17

SAMPLE DATE	SAMPLE NUMBER	DESCRIPTION	PPM	RESULT IN WT%	RL	Q.C. BATCH
9/12 & 13/17	ECG-17-4478-R7-01Pb	Pink interior walls	840	0.084	0.0050%	127
9/12 & 13/17	ECG-17-4478-R7-02Pb	White on wood siding	75000	7.5	0.0050%	127
9/12 & 13/17	ECG-17-4478-R7-03Pb	Pink on exterior	1300	0.13	0.0050%	127
9/12 & 13/17	ECG-17-4478-R7-04Pb	Blue on exterior trim	5900	0.59	0.0050%	127

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LABORATORY DIRECTOR: TOM CONLON

ANALYST: JIM JUNGLES



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FLAME ATOMIC ABSORPTION SPECTROMETRY
LEAD (Pb) IN PAINT SAMPLES
METHOD SW846-3050B-7420

CLIENT:
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CDPH ELAP#1153
ELPAT#101801

JOB I.D: 17-4478 Blackburn Consulting,
Liberty Island,
Dixon, Ca

DATE RECEIVED: 9/22/17

DATE ANALYZED: 10/2/17

LAB JOB NO: 11167

DATE REPORTED: 10/2/17

SAMPLE DATE	SAMPLE NUMBER	DESCRIPTION	PPM	RESULT IN WT%	RL	Q.C. BATCH
9/12 & 13/17	ECG-17-4478-R8-01Pb	Light blue on exterior wood siding	52000	5.2	0.0050%	127
9/12 & 13/17	ECG-17-4478-R8-02Pb	White on exterior trim & siding	360	0.036	0.0050%	127
9/12 & 13/17	ECG-17-4478-R8-03Pb	Light green on interior walls/ ceiling	<50	<0.0050	0.0050%	127
9/12 & 13/17	ECG-17-4478-R8-04Pb	Dark green on interior trim	1000	0.10	0.0050%	127

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Tel (916) 481-8902
Fax (916) 481-3975

FLAME ATOMIC ABSORPTION SPECTROMETRY
LEAD (Pb) IN PAINT SAMPLES
METHOD SW846-3050B-7420

CLIENT:
Entek Consulting Group, Inc.
4200 Rocklin Rd., Suite 7
Rocklin, CA 95677

CDPH ELAP#1153
ELPAT#101801

JOB I.D: 17-4478 Blackburn Consulting,
Liberty Island,
Dixon, Ca

DATE RECEIVED: 9/22/17

DATE ANALYZED: 10/2/17

LAB JOB NO: 11168

DATE REPORTED: 10/2/17

SAMPLE DATE	SAMPLE NUMBER	DESCRIPTION	PPM	RESULT IN WT%	RL	Q.C. BATCH
9/12 & 13/17	ECG-17-4478-R9-01Pb	Red paint on interior walls	130	0.013	0.0050%	127
9/12 & 13/17	ECG-17-4478-R9-02Pb	Blue paint on interior walls	2000	0.20	0.0050%	127
9/12 & 13/17	ECG-17-4478-R9-03Pb	Green exterior trim	60000	6.0	0.0050%	127

Analytical results and reports are generated at the request and for the exclusive use of the client. This report applies only to the items tested. Samples were not collected by ASBESTECH. This report must not be reproduced except in full, and only with the express permission of ASBESTECH. This report must not be used to claim product endorsement by any agency of the U.S. Government.

LABORATORY DIRECTOR: TOM CONLON

ANALYST: JIM JUNGLES



ASBESTECH
6825 Fair Oaks Blvd., Suite 103
Carmichael, California 95608
Tel (916) 481-8902
Fax (916) 481-3975

FLAME ATOMIC ABSORPTION SPECTROMETRY
LEAD (Pb) IN PAINT SAMPLES
METHOD SW846-3050B-7420

CLIENT:
Entek Consulting Group, Inc.
4200 Rocklin Rd., Suite 7
Rocklin, CA 95677

CDPH ELAP#1153
ELPAT#101801

JOB I.D: 17-4478 Blackburn Consulting,
Liberty Island,
Dixon, Ca

DATE RECEIVED: 9/22/17

DATE ANALYZED: 10/2/17

LAB JOB NO: 11158

DATE REPORTED: 10/2/17

SAMPLE DATE	SAMPLE NUMBER	DESCRIPTION	PPM	RESULT IN WT%	RL	Q.C. BATCH
9/12 & 13/17	ECG-17-4478-B1-01Pb	White on exterior wood	50000	5.0	0.0050%	125

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LABORATORY DIRECTOR: TOM CONLON

ANALYST: JIM JUNGLES



ASBESTECH
6825 Fair Oaks Blvd., Suite 103
Carmichael, California 95608
Tel (916) 481-8902
Fax (916) 481-3975

FLAME ATOMIC ABSORPTION SPECTROMETRY
LEAD (Pb) IN PAINT SAMPLES
METHOD SW846-3050B-7420

CLIENT:
Entek Consulting Group, Inc.
4200 Rocklin Rd., Suite 7
Rocklin, CA 95677

CDPH ELAP#1153
ELPAT#101801

JOB I.D: 17-4478 Blackburn Consulting,
Liberty Island,
Dixon, Ca

DATE RECEIVED: 9/22/17

DATE ANALYZED: 10/2/17

LAB JOB NO: 11159

DATE REPORTED: 10/2/17

SAMPLE DATE	SAMPLE NUMBER	DESCRIPTION	PPM	RESULT IN WT%	RL	Q.C. BATCH
8/28/17	ECG-17-4478-B2-01Pb	White paint on exterior wood walls	1900	0.19	0.0050%	125
8/28/17	ECG-17-4478-B2-02Pb	White paint on interior drywall walls	<50	<0.0050	0.0050%	125

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LABORATORY DIRECTOR: TOM CONLON

ANALYST: JIM JUNGLES





EAIT

11160

BULK LEAD MATERIAL Analysis Request

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: 8/24/17

Lab: Asbestech

Job Number: 17-4478

Collected by:

Client Name: Blackburn Consulting

Turnaround Time: Day: Monday
Date: 10/2/17 Time: 5 PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Lead by Atomic
Absorption Spectrometry

Special Instruction: Please report result in PPM and % by weight. Please email results as soon as possible.

B125

SAMPLE #	MATERIAL DESCRIPTION/LOCATION	
ECG-17-4478-R1-01Pb	Green Paint on Drywall Hallway Outside of Living Room	2400/.24
ECG-17-4478-R1-02Pb	White Paint on Drywall: Bathroom #1	50/.0050
ECG-17-4478-R1-03Pb	Maroon Paint on Drywall: Storage Room	870/.087
ECG-17-4478-R1-04Pb	White Paint over Green Paint on Exterior Wood Siding: North Side of Home	25000/2.5
ECG-17-4478-R1-05Pb	Brown Over White Paint on Wood Deck: North Deck by Entry Way	260/.026
ECG-17-4478-R1-06Pb	Brown Strain on Wood: Wood Deck; West Side of Home	<
ECG-17-4478-R1-07Pb	White Paint on Exterior Wood Siding; West Side of Home	30000/3.0

Z:\Clients\Blackburn Consulting\17-4478 Liberty Island - Asb & Pb\Bulk Sample Pb\Bulk Request Pb R1 8-24-17.wpd

Delivered by: [Signature]

Date: 9/22/17 Time: 2:10 AM/PM

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Date: 9/22/17 Time: 2:10 AM/PM



11161

BULK LEAD MATERIAL Analysis Request

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: 8-24-17

Lab: Asbestech

Job Number: 17-4478

Collected by:

Client Name: Blackburn Consulting

Turnaround Time: Day: Monday
Date: 10/2/17 Time: 5 PM

Site Address: R2
Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Lead by Atomic
Absorption Spectrometry

Special Instruction: Please report result in PPM and % by weight. Please email results as soon as possible.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION	
ECG-14-4478- 01Pb	Tan Paint on wood Panel walls; Living Room; Beige North wall	260 / .025
ECG-14-4478- 02Pb	White Paint on wood Panel walls; Kitchen	230 / .023
ECG-14-4478- 03Pb	Green Paint on Metal Roof; North side	1000 / .10
ECG-14-4478- 04Pb	Tan Paint on Exterior Wood Siding; East side	3200 / 3.2
ECG-14-4478- 05Pb	Brown over white Paint on Exterior Wood skirt and some Trim; East side	4800 / .48
ECG-14-4478-		
ECG-14-4478-		
ECG-14-4478-		
ECG-14-4478-		
ECG-14-4478-		

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Date: 9/22/17 Time: 2:10 AM/PM

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Date: 9/22/17 Time: 2:10 AM/PM



11162

BULK LEAD MATERIAL *Analysis Request*

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: 9-12-17

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Turnaround Time: Monday 10-2 @ 5 PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Lead by Atomic
Absorption Spectrometry

Special Instruction: Please report result in PPM and % by weight. Please email results as soon as possible.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R3-01Pb	White on Interior Trim 78000/7.8
ECG-17-4478-R3-02Pb	White on Interior Walls 590/0.59
ECG-17-4478-R3-03Pb	White on Exterior Wood Walls and Trim 2700/2.7

19126

Z:\Clients\Blackburn Consulting\17-4478 Liberty Island - Asb & Pb\Bulk Sample Pb\Bulk Request Pb R3.wpd

Delivered by: [Signature] **Date:** 9/12/17 **Time:** 2:10 AM/PM

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11163

Edit

BULK LEAD MATERIAL Analysis Request

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: August 28, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andrew Roed

Client Name: Blackburn Consulting

Turnaround Time: Day: Monday
Date: 10/2/17 Time: 3 PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Lead by Atomic
Absorption Spectrometry

Special Instruction: Please report result in PPM and % by weight. Please email results as soon as possible.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R4-01Pb	White Paint on Interior Walls 1700 / 0.17
ECG-17-4478-R4-02Pb	White Paint on Exterior Siding & Trim 19000 / 0.9

0126

0,27

Z:\Clients\Blackburn Consulting\17-4478 Liberty Island - Asb & Pb\Bulk Sample Pb\Bulk Request Pb R4 8-28-17.wpd

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Date: 9/22/17 Time: 2:10 AM/PM

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11164

BULK LEAD MATERIAL Analysis Request

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: September 12 & 13, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Turnaround Time: Monday, October 2, 2017 by 5PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Lead by Atomic Absorption Spectrometry

Special Instruction: Please report result in PPM and % by weight. Please email results as soon as possible.

B127

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R5-01Pb	White on Exterior Trim <
ECG-17-4478-R5-02Pb	White Paint on Interior Walls 1201.017
ECG-17-4478-R5-03Pb	Ceramic Wall Tile (Blue); Bathroom 2700.27

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Delivered by:

Date: 9 22 /17

Time: 2:10 AM/PM

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Date: 9 22 /17

Time: 2:10 AM/PM



11165

BULK LEAD MATERIAL *Analysis Request*

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: 9-12+13, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Turnaround Time: October 2, 2017 5 PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Lead by Atomic
Absorption Spectrometry

Special Instruction: Please report result in PPM and % by weight. Please email results as soon as possible.

B127

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-R6-01Pb	White on Interior Walls <
ECG-17-4478-R6-02Pb	White Interior Trim 5600 / .56
ECG-17-4478-R6-03Pb	Blue Interior Walls (Back House) <
ECG-17-4478-R6-04Pb	White Exterior Siding 2100 / .21
ECG-17-4478-R6-05Pb	White Exterior Trim 80000 / 8.0

Z:\Clients\Blackburn Consulting\17-4478 Liberty Island - Asb & Pb\Bulk Sample Pb\Bulk Request Pb R6.wpd

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11166

BULK LEAD MATERIAL *Analysis Request*

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: 9/2 + 9-13, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Turnaround Time: 10-2-17 5PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Lead by Atomic
Absorption Spectrometry

Special Instruction: *Please report result in PPM and % by weight. Please email results as soon as possible.*

SAMPLE #	MATERIAL DESCRIPTION/LOCATION	
ECG-17-4478-R7-01Pb	Pink Interior Walls	840 / 0.84
ECG-17-4478-R7-02Pb	White on Wood Siding	75000 / 7.5
ECG-17-4478-R7-03Pb	Pink on Exterior	1300 / 1.3
ECG-17-4478-R7-04Pb	Blue on Exterior Trim	5900 / 5.9

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Date: 9/22/17 Time: 2:00 AM/PM



11167

BULK LEAD MATERIAL *Analysis Request*

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: 9-12 & 9-13, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Turnaround Time: 10-2-17 5PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Lead by Atomic
Absorption Spectrometry

Special Instruction: Please report result in PPM and % by weight. Please email results as soon as possible.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION	
ECG-17-4478-R8-01Pb	Light Blue on Exterior Wood Siding	52000 / 5.2
ECG-17-4478-R8-02Pb	White on Exterior Trim and Siding	360 / 36
ECG-17-4478-R8-03Pb	Light Green on Interior Walls/Ceiling	<
ECG-17-4478-R8-04Pb	Dark Green on Interior Trim	1000 / 10

Z:\Clients\Blackburn Consulting\17-4478 Liberty Island - Asb & Pb\Bulk Sample Pb\Bulk Request Pb R8 wpd

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Time: 2:10 AM/PM

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Date: 9/12/17

Time: 2:10 AM/PM



BULK LEAD MATERIAL Analysis Request

11168

ENTEK CONSULTING GROUP, INC.
4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: 9-12-17, 9-13-17

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Turnaround Time: 10-2-17 @ 5PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Lead by Atomic
Absorption Spectrometry

Special Instruction: Please report result in PPM and % by weight. Please email results as soon as possible.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION	
ECG-17-4478-R9-01Pb	Red Paint on Interior Walls	130 / 0.13
ECG-17-4478-R9-02Pb	Blue Paint on Interior Walls	2000 / 2.0
ECG-17-4478-R9-03Pb	Green Exterior Trim	6000 / 6.0

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Delivered by: _____

Date: 9/22/17 **Time:** 2:10 AM/PM

Received by: _____

Date: 9/22/17 **Time:** 2:10 AM/PM



11158

BULK LEAD MATERIAL *Analysis Request*

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: September 12 & 13, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andy Roed

Client Name: Blackburn Consulting

Turnaround Time: Monday, October 2, 2017 by 5PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Lead by Atomic
Absorption Spectrometry

Special Instruction: *Please report result in PPM and % by weight. Please email results as soon as possible.*

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-B1-01Pb	White on Exterior Wood 50000 ✓ 5.0

125

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9/12/17

Time:

2:10 AM/PM



11159

BULK LEAD MATERIAL *Analysis Request*

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: August 28, 2017

Lab: Asbestech

Job Number: 17-4478

Collected by: Andrew Roed

Client Name: Blackburn Consulting

Turnaround Time: Day: Monday
Date: 10/2/17 Time: 5PM

Site Address: Liberty Island
Dixon, CA 95620

ANALYSIS REQUESTED: Lead by Atomic
Absorption Spectrometry

Special Instruction: *Please report result in PPM and % by weight. Please email results as soon as possible.*

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-17-4478-B2-01Pb	White Paint on Exterior Wood Walls B25 1900/19
ECG-17-4478-B2-02Pb	White Paint on Interior Drywall Walls <

Z:\Clients\Blackburn Consulting\17-4478 Liberty Island - Asb & Pb\Bulk Sample Pb\Bulk Request Pb B2 8-28-17.wpd

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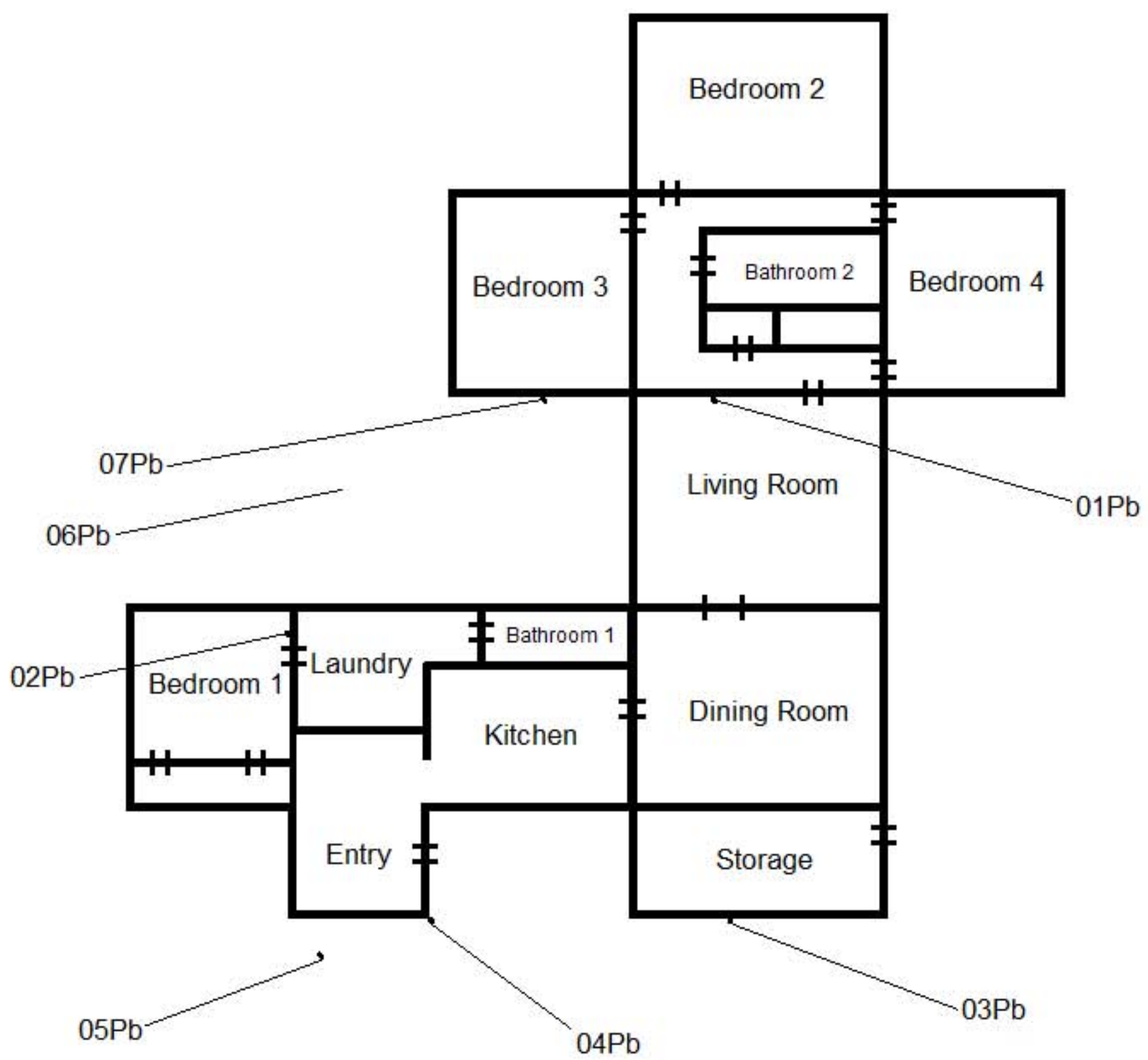
Date: 9/22/17 **Time:** 2:10 AM/PM Ⓞ

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Date: 9/22/17 **Time:** 2:10 AM/PM Ⓞ

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R-1



Sample Numbers are Preceded by ECG-17-4478

Blackburn Consulting
Liberty Island
Dixon, California

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

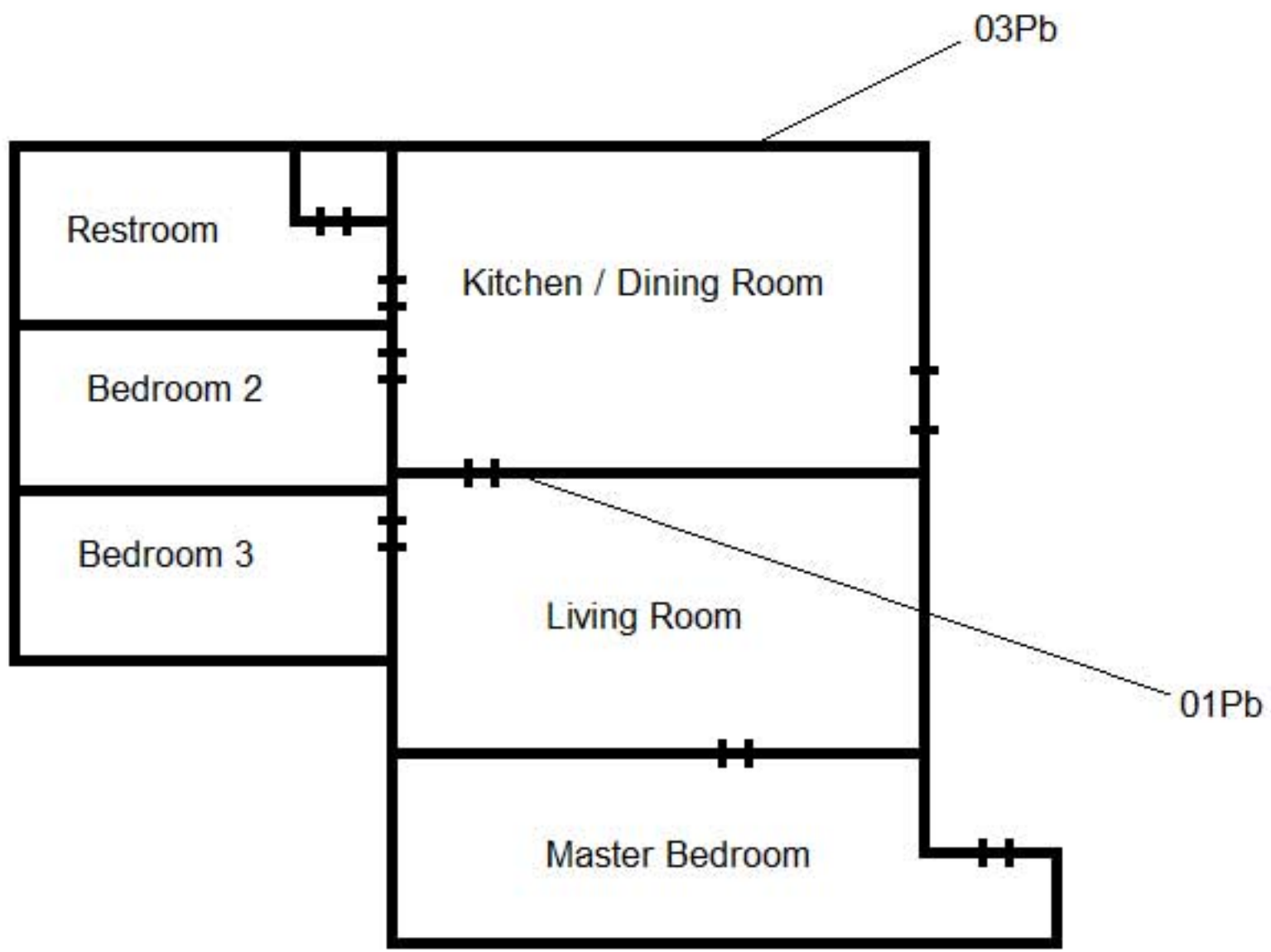
Lead Bulk Sample Locations
Collected by Andy Roed
August 24, 2017
Project Number 17-4478

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R2



- 02Pb
- 04Pb
- 05Pb



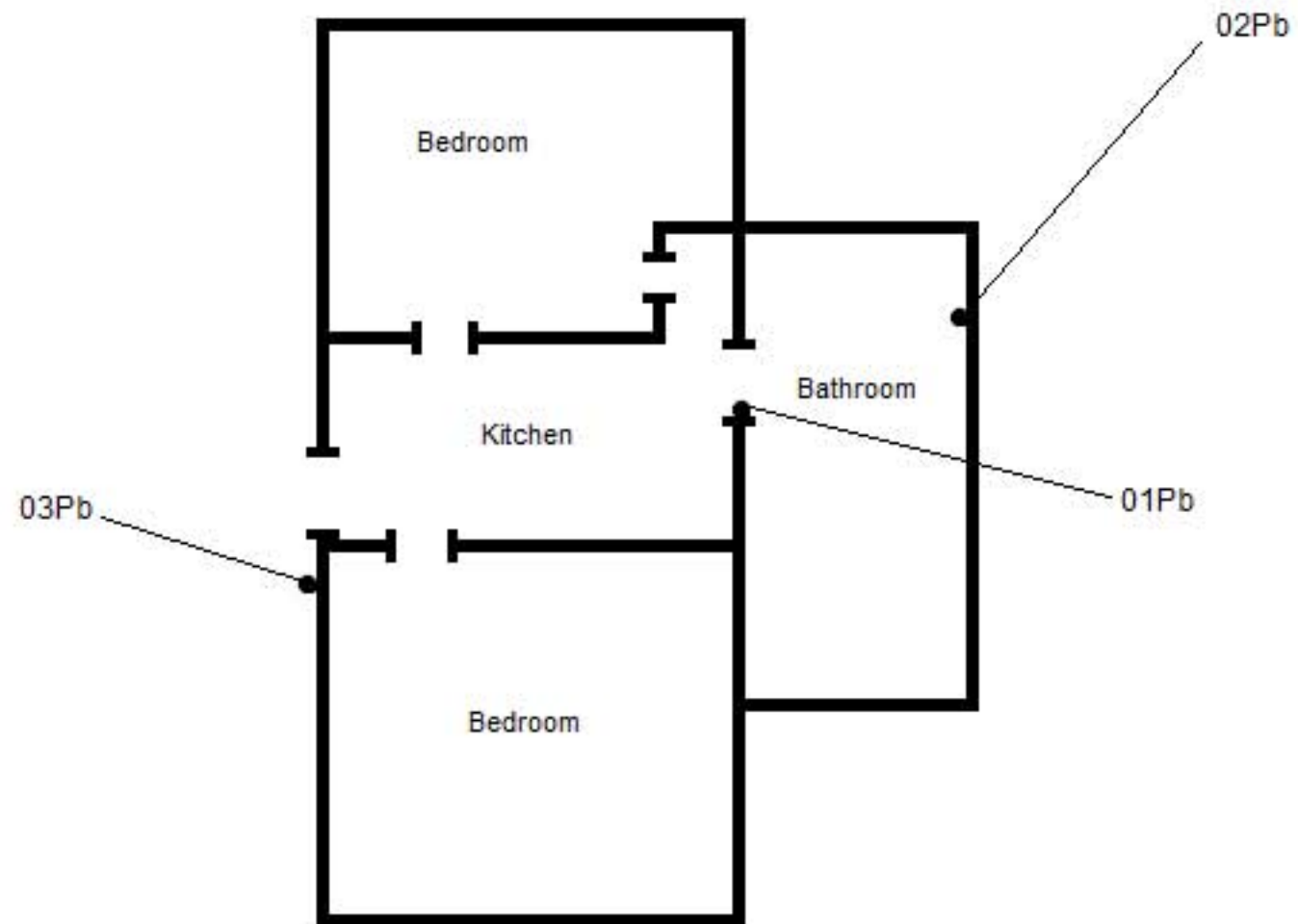
Sample Numbers are Preceded by ECG-17-4478

Blackburn Consulting
Liberty Island
Dixon, CA 95620

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Lead Bulk Sample Locations
Collected by Andrew Roed
on August 24, 2017
Project Number 17-4478

R3



Sample Numbers are Preceded by ECG-17-4478

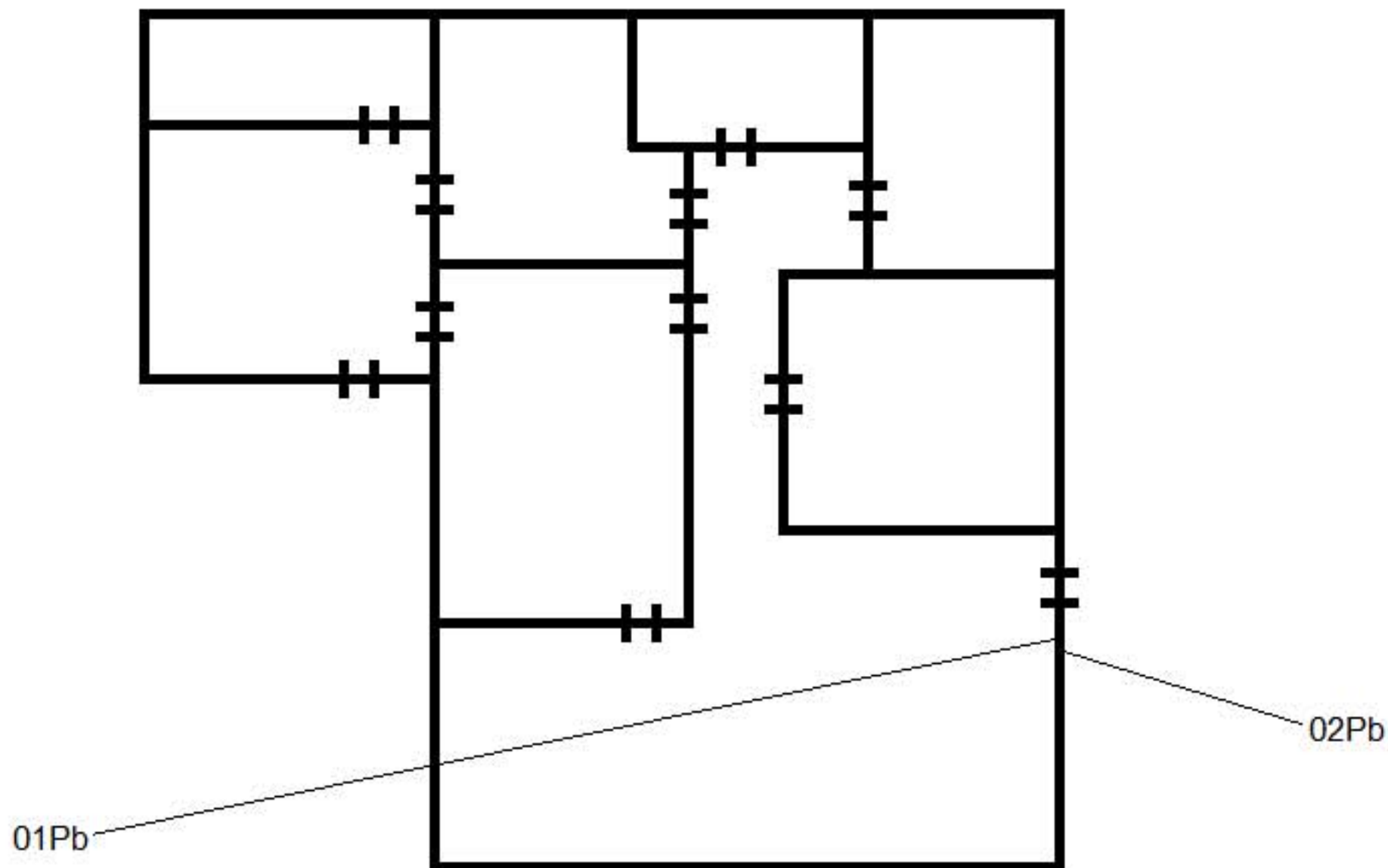
Blackburn Consulting
Liberty Island
Dixon, CA 95620

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Lead Bulk Sample Locations
Collected by Andy Roed
on September 12 & 13, 2017
Project Number 17-4478



R-4



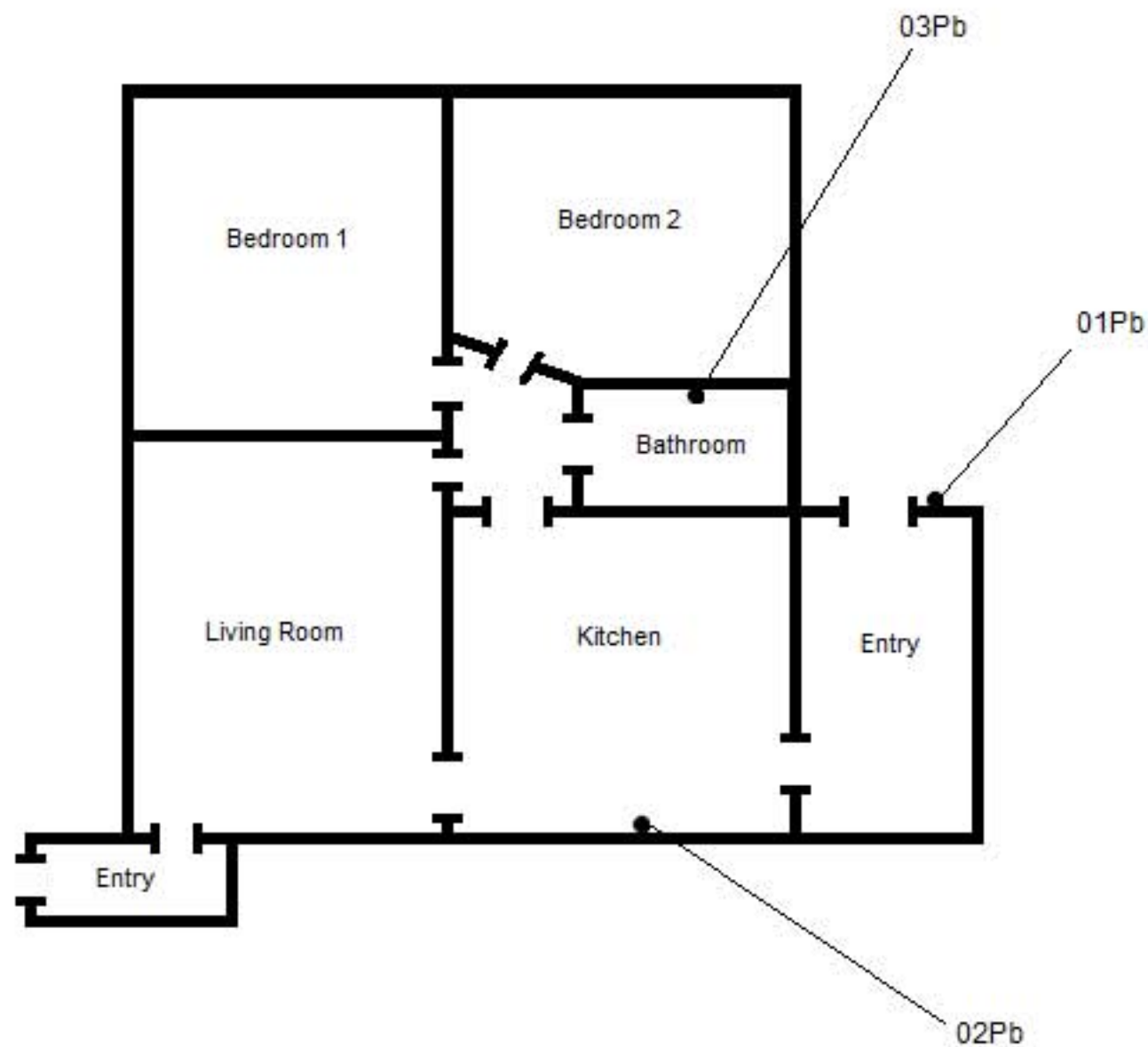
Sample Numbers are Preceded by ECG-17-4478

Blackburn Consulting
Liberty Island
Dixon, CA 95620

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Lead Bulk Sample Locations
Collected by Andrew Roed
on August 24, 2017
Project Number 17-4478

R5



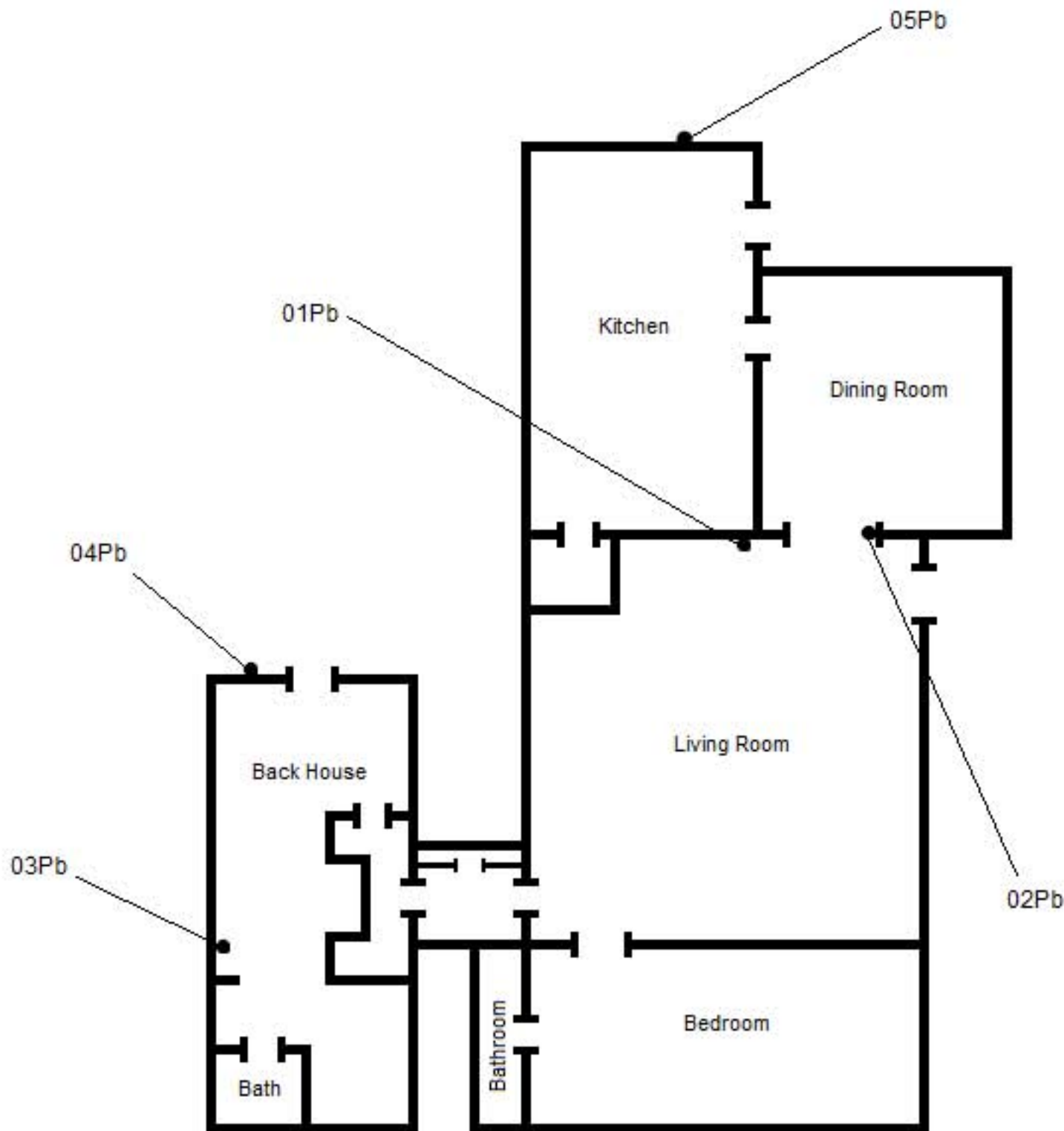
Sample Numbers are Preceded by ECG-17-4478

Blackburn Consulting
Liberty Island
Dixon, CA 95620

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Lead Bulk Sample Locations
Collected by Andy Roed
on September 12 & 13, 2017
Project Number 17-4478

R6



Sample Numbers are Preceded by ECG-17-4478

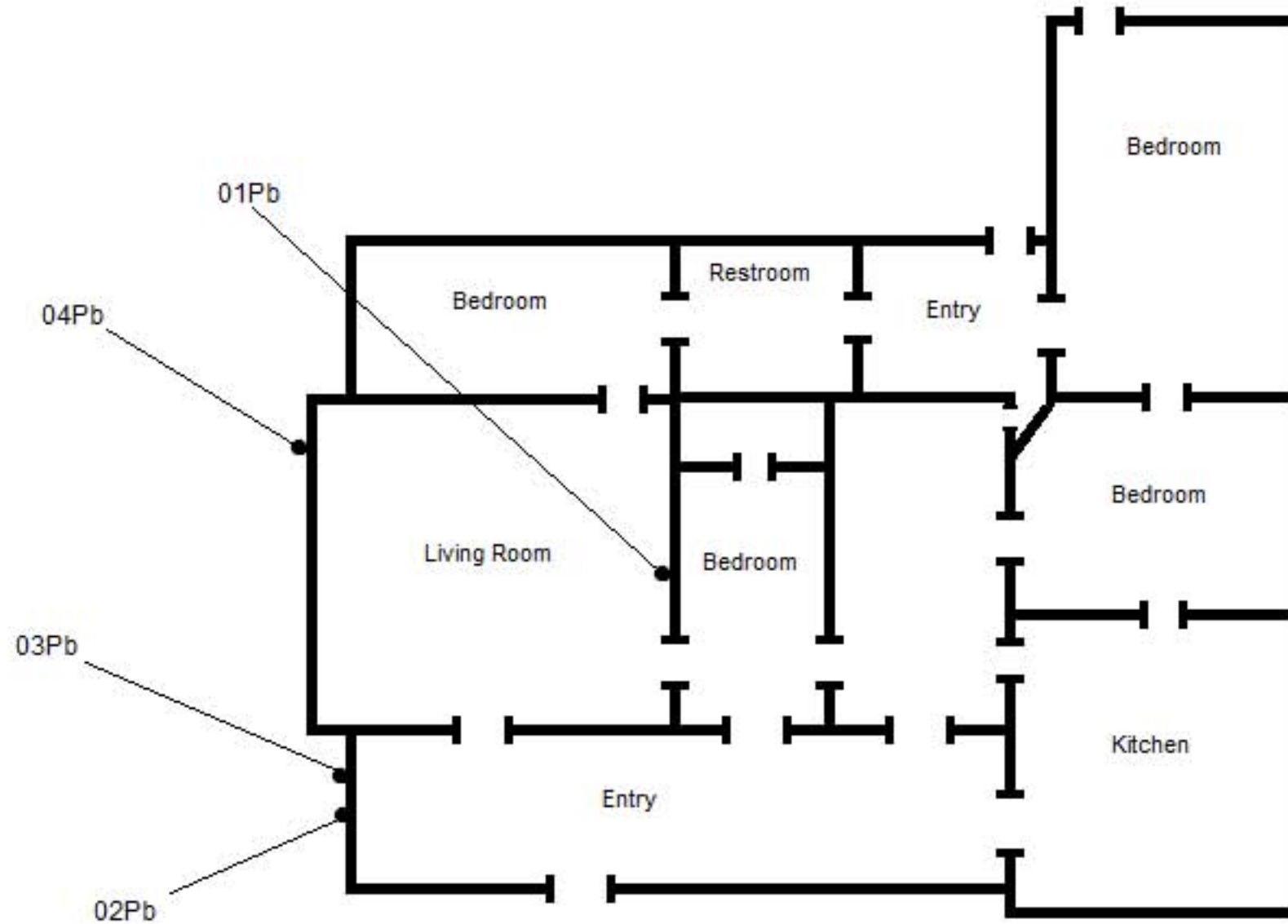
Blackburn Consulting
Liberty Island
Dixon, California

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Lead Bulk Sample Locations
Collected by Andy Roed
on September 12 & 13, 2017
Project Number 17-4478

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R7



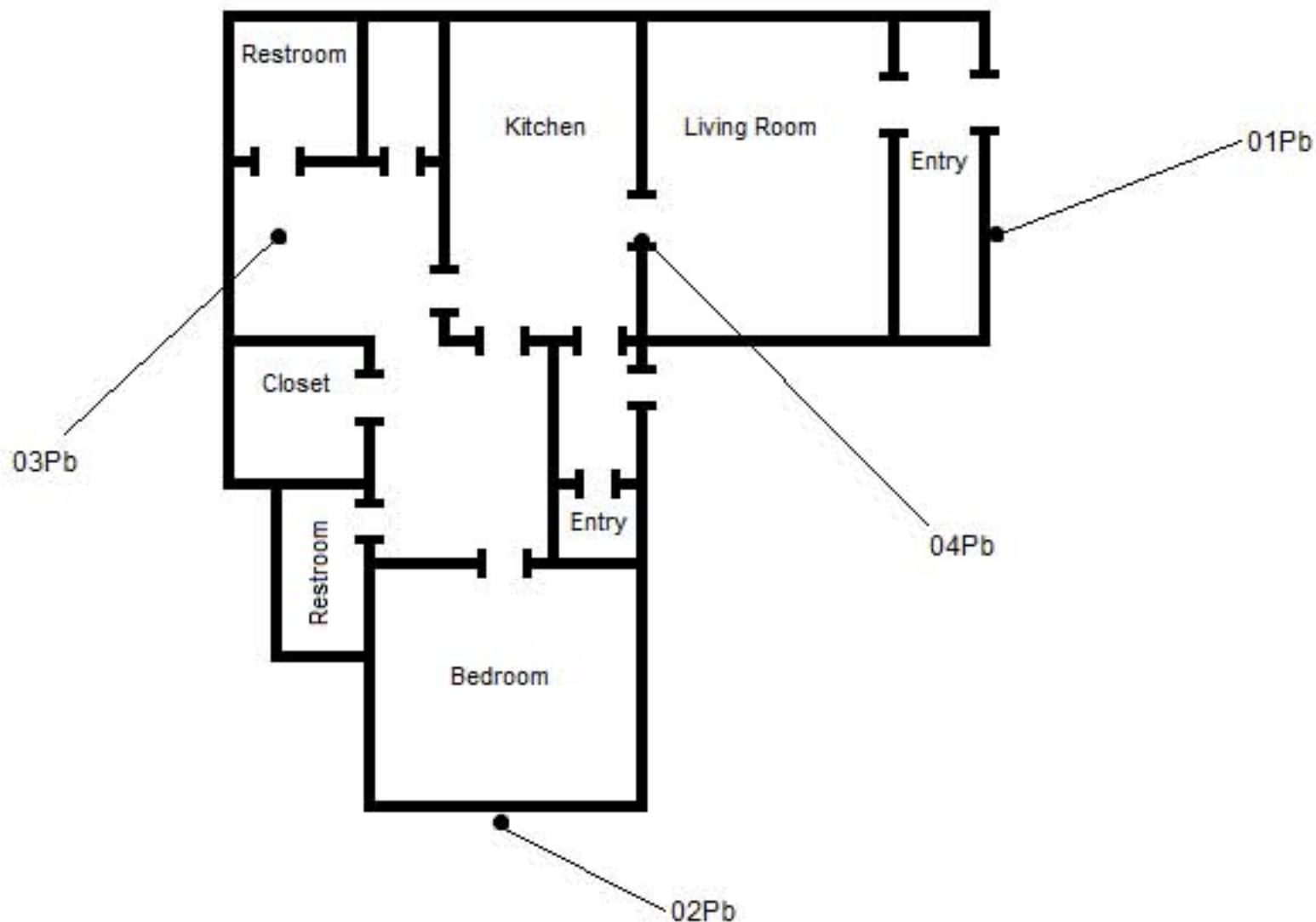
Sample Numbers are Preceded by ECG-17-4478

Blackburn Consulting
Liberty Island
Dixon, CA 95620

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Lead Bulk Sample Locations
Collected by Andy Roed
on September 12 & 13, 2017
Project Number 17-4478

R8



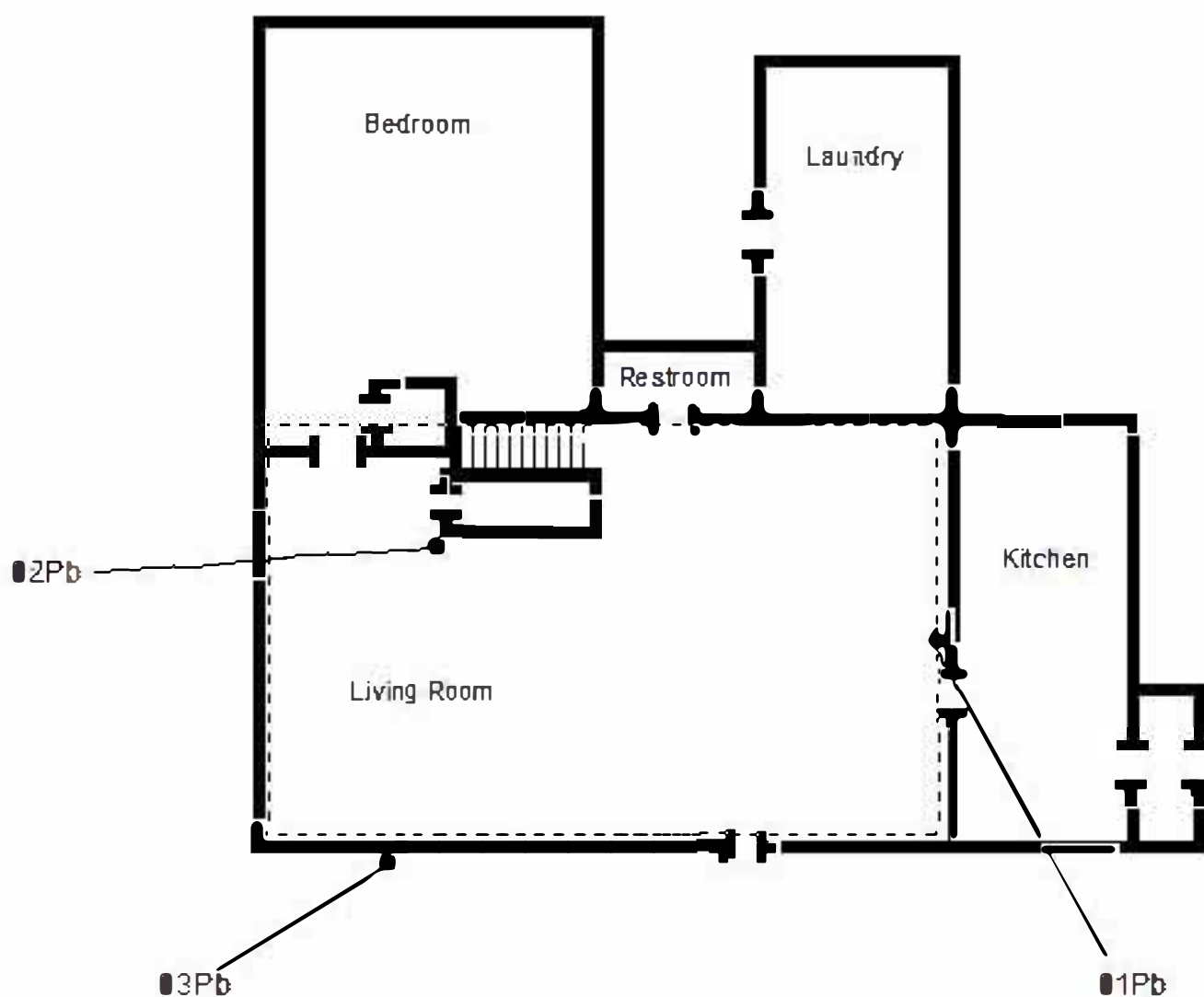
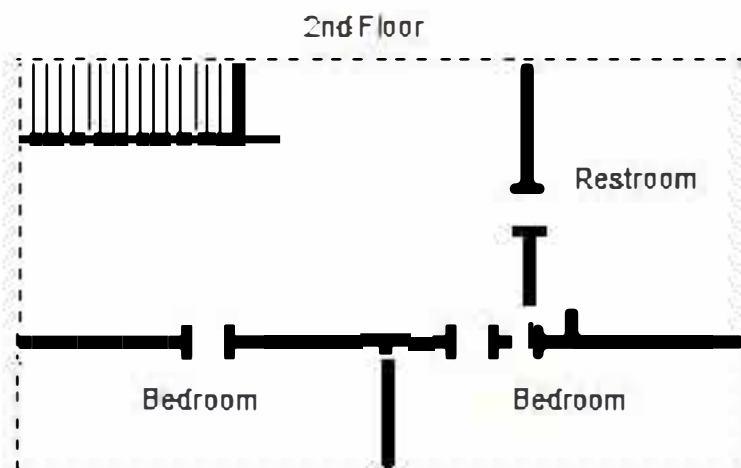
Sample Numbers are Preceded by ECG-17-4478

Blackburn Consulting
Liberty Island
Dixon, CA 95620

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Lead Bulk Sample Locations
Collected by Andy Roed
on September 12 & 13, 2017
Project Number 17-4478

R9



Sample Numbers are Preceded by ECG-17-4478

Blackburn Consulting
Liberty Island
Dixon, California

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

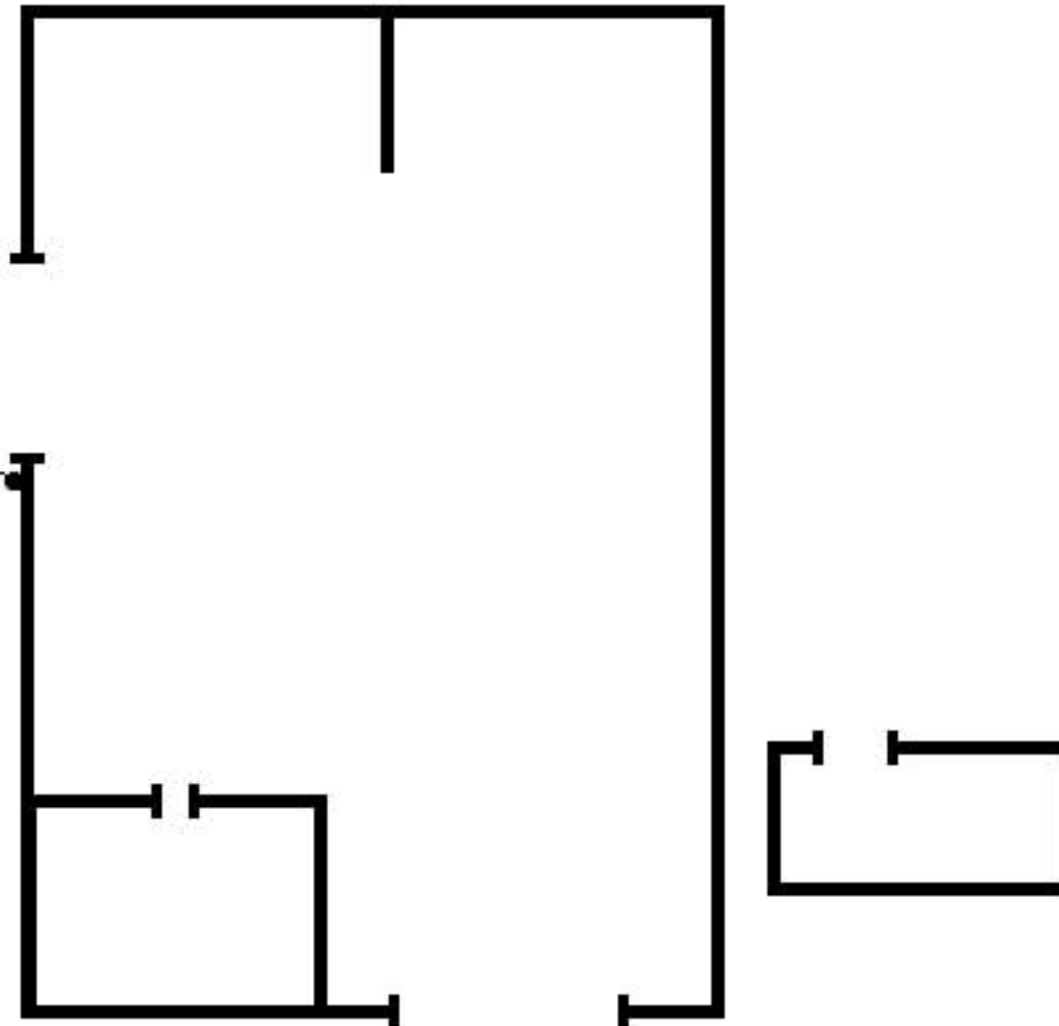
Lead Bulk Sample Locations
Collected by Andy Reed
on September 12 & 13, 2017
Project Number 17-4478

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B1



01Pb



Sample Numbers are Preceded by ECG-17-4478

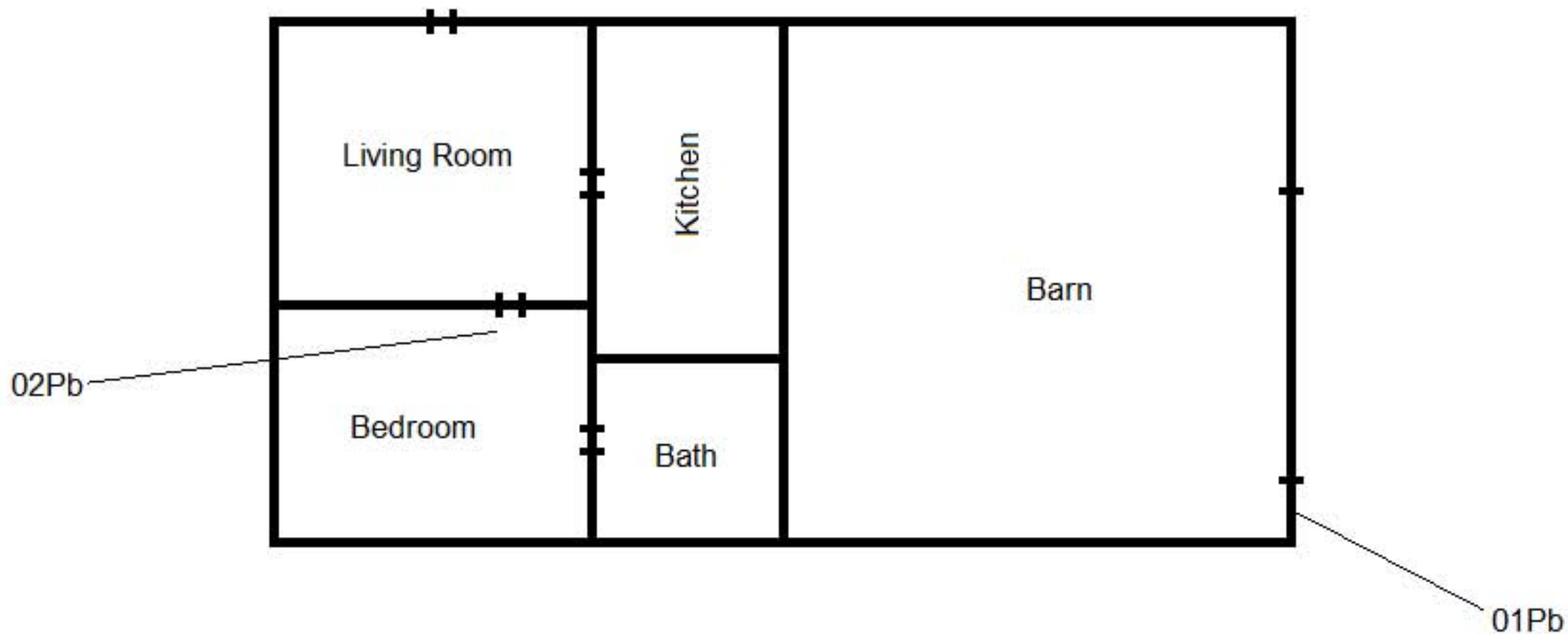
Blackburn Consulting
Liberty Island
Dixon, CA 95620

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Lead Bulk Sample Location
Collected by Andy Roed
on September 12 & 13, 2017
Project Number 17-4478



B2



Sample Numbers are Preceded by ECG-17-4478

Blackburn Consulting
Liberty Island
Dixon, CA 95620

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Lead Bulk Sample Locations
Collected by Andrew Roed
on August 24, 2017
Project Number 17-4478

LEAD HAZARD EVALUATION REPORT

Section 1 – Date of Lead Hazard Evaluation 8/24/17, 8/28/17, 9/12/17 & 9/13/17

Section 2 – Type of Lead Hazard Evaluation (Check one box only)

Lead Inspection Risk Assessment Clearance Inspection Other (specify) See Attached Letter dated April 21, 2015

Section 3—Structure Where Lead Hazard Evaluation Was Conducted

Address [number, street, apartment (if applicable)] 9 Single Family Homes and 3 Barns	City Dixon	County Solano	Zip Code 95620
Construction date (year) of structure Pre - 1980's	Type of structure <input type="checkbox"/> Multi-unit building <input type="checkbox"/> School or daycare <input checked="" type="checkbox"/> Single family dwelling <input type="checkbox"/> Other (specify) _____	Children living in structure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't Know	


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

Name Blackburn Consulting - Ryan Schmidt	Telephone Number (916) 375-8706		
Address [number, street, apartment (if applicable)] 2491 Boatman Avenue	City West Sacramento	State California	Zip Code 95691

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 _____

Section 6—Individual Conducting Lead Hazard Evaluation

Name Entek Consulting Group, Inc. - Andrew Roed	Telephone Number (916) 632-6800		
Address [number, street, apartment (if applicable)] 4200 Rocklin Road, Suite 7	City Rocklin	State CA	Zip Code 95677
CDPH certification number 29001	Signature 	Date 10-24-17	

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

N/A

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, indicating laboratory name, address, and phone number.

First copy and attachments retained by inspector

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

Second copy and attachments retained by owner

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



ENTEK CONSULTING GROUP, INC.

4200 Rocklin Road, Suite 7, Rocklin, CA 95677 Telephone (916) 632-6800 Fax (916) 632-6812 www.entekgroup.com

April 21, 2015

State of California
Health and Human Services Agency
California Department of Public Health
Childhood Lead Poisoning Prevention Branch Reports
850 Marina Parkway, Building P, Third Floor
Richmond, CA 94804-6403

RE: Lead Hazard Evaluation Report (CDPH 8552 - 6/07)

To Whom it May Concern:

In a memorandum issued to all "California Department of Health Services Certified Inspector/Assessors and Project Monitors", by the State of California - Health and Human Services Agency, Department of Health Services (CDPH), dated June 5, 2006, and signed by Mr. Paul Fitzmaurice, Chief, Lead Hazard Reduction Section, Childhood Lead Poisoning Prevention Branch, it was made clear that "... the on-site investigation, for compensation, of lead-based paint or lead hazards..." includes "... conducting testing and/or sampling activities as part of a non-'abatement' project (e.g. painting remodeling, etc.)."

As a result of this directive, Entek Consulting Group, Inc. (Entek) is providing you with the current CDPH Form 8552 (06/07) documenting an inspection/assessment performed by Entek.

The investigation results being reported on the attached CDPH Form 8552 do not reflect a "Lead Inspection/Assessment" as defined in Title 17. As a result the "Other" box, in "Section 2 - Type of Lead Hazard Evaluation", is checked. This is being done to make it clear this investigation does not meet the definition of a "Lead Inspection/Assessment", and submission of the attached CDPH Form 8552 is not meant to reflect that it does.

CDPH Form 8552, Section 5 - Results of Lead Hazard Evaluation, does not allow for an appropriate option pertaining to the results of the investigation/assessment performed and being reported (i.e. for the purpose of compliance with Cal/OSHA, Title 8 1532.1 Lead), or an assessment being performed in an unregulated structure. While one of or more of the four boxes is checked to reflect the results of the inspection/assessment. The lead inspection/assessment was not required under Title 17.

This letter is not intended to disagree whether a CDPH Form 8552 must be submitted, but is for clarification as to the information included on the CDPH Form 8552, and its intended purpose, namely to reflect the goal of the services performed by Entek.

Sincerely,

Richard A. Beall, CIH, CSP
President

Z:\Lead\Lead Hazard Evaluation Report CDPH 8552 Ltr 4-21-15.wpd



APPENDIX C

BACK UP DOCUMENTATION

- Inspector Accreditations and Certifications
- Laboratory Accreditations for Asbestos and Lead Analysis

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



Andrew R Roed

Name

Certification No. **16-5695**

Expires on **08/17/18**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7130 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	09/06/2018
Sampling Technician	09/06/2017



Andrew R. Roed

ID #: 29001

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



Ryan Metzen

Name

Certification No. 16-5650

Expires on 06/15/18

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
	Sampling Technician	09/20/2017

Ryan J. Metzen ID # **28445**

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United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101442-0

ASBESTECH

Carmichael, CA

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

Asbestos Fiber Analysis

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

2017-07-01 through 2018-06-30

Effective Dates



[Signature]
For the National Voluntary Laboratory Accreditation Program

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SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ASBESTECH

6825 Fair Oaks Blvd., Suite 103

Carmichael, CA 95608

Mr. Tommy Conlon

Phone: 916-481-8902 Fax: 916-481-3975

Email: asbestech@sbcglobal.net

<http://www.asbestechlab.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101442-0

Bulk Asbestos Analysis

Code

Description

18/A01

EPA -- Appendix E to Subpart E of Part 763 -- Interim Method of the Determination of Asbestos in Bulk Insulation Samples

18/A03

EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

Code

Description

18/A02

U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

A handwritten signature in black ink, appearing to read "Dana S. Laman".

For the National Voluntary Laboratory Accreditation Program

Overall Performance Summary Concluding with 210

The following table contains your organization's current and 2 previous test rounds performance respectively (where applicable). For more information in regard to the determination of proficiency, please visit: www.aihapat.org.

Sample	Round	Round Score	Round Performance	Proficiency Status -Three Round Score
Asbestos	208	4/4	Pass	
	209	4/4	Pass	
	210	4/4	Pass	P

Interpretation Note:

The denominators represent the total number of samples analyzed.

The numerators represent the number of acceptable results.

Pass: Round Score \geq 75% Fail: Round Score $<$ 75%

P – Proficient; NP – Non-proficient; I – Indeterminate (not enough rounds to determine proficiency)

A participant is rated proficient for the applicable IHPAT analyte group if the participant has a passing score for the applicable IHPAT analyte group in two (2) of the last three (3) consecutive PT rounds. A participant is rated non-proficient for the applicable PT analyte group if the participant has failing scores for the associated PT analyte group in two (2) of the last three (3) consecutive PT rounds.

The following items are available in the Industrial Hygiene Scheme Plan:

Procedures used to statistically analyze the data, establish any assigned value and standard deviation for proficiency assessment, or other criteria for evaluation; details of the metrological traceability and measurement uncertainty of any assigned value; information about design and implementation of PT scheme. Industrial Hygiene Scheme Plan is available at <http://www.aihapat.org/Programs/IHPAT/Documents/IHPAT%20Scheme%20Plan%20R2.pdf>

Measurement uncertainty of any assigned value is also available on the respective certificate of analysis for the round.

Technical Comment: No remarkable observations.

Overall Performance Summary Concluding with 210

The following table contains your organization's current and 2 previous test rounds performance respectively (where applicable). For more information in regard to the determination of proficiency, please visit: www.aihapat.org.

Sample	Round	Round Score	Round Performance	Proficiency Status -Three Round Score
Asbestos	208	4/4	Pass	
	209	4/4	Pass	
	210	4/4	Pass	P

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Procedures used to statistically analyze the data, establish any assigned value and standard deviation for proficiency assessment, or other criteria for evaluation; details of the metrological traceability and measurement uncertainty of any assigned value; information about design and implementation of PT scheme. Industrial Hygiene Scheme Plan is available at <http://www.aihapat.org/Programs/IHPAT/Documents/IHPAT%20Scheme%20Plan%20R2.pdf>

Measurement uncertainty of any assigned value is also available on the respective certificate of analysis for the round.

Technical Comment: No remarkable observations.



STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE



ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

Asbestech

6825 Fair Oaks Boulevard, Suite 103

Carmichael, CA 95608

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **1153**

Expiration Date: **3/31/2018**

Effective Date: **4/1/2016**

A handwritten signature in cursive script, appearing to read "Christine Sotelo".

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program



**CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing**



Asbestech

6825 Fair Oaks Boulevard, Suite 103
Carmichael, CA 95608
Phone: (916) 481-8902

**Certificate No. 1153
Expiration Date 3/31/2018**

Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste

114.130 001 Lead EPA 7420

Field of Testing: 115 - Extraction Test of Hazardous Waste

115.021 001 TCLP Inorganics EPA 1311

115.030 001 Waste Extraction Test (WET) CCR Chapter11, Article 5, Appendix II

Field of Testing: 121 - Bulk Asbestos Analysis of Hazardous Waste

121.010 001 Bulk Asbestos EPA 600/M4-82-020

Environmental Lead Proficiency Analytical Testing Results

This document contains three sub-reports relating to ELPAT Round 100. The first report contains your organization's results listed per contaminant, per sample. The second report contains your past proficiency data for 2 and 4 rounds respectively (where applicable), and the final report contains summary results for all participants for ELPAT Round 100.

Testing Results for ELPAT Round 100

This part of your report contains your organization's results listed per contaminant, per sample.

Contaminant	Units	#	Result	Reference Value	Lower Limit	Upper Limit	z-Score	Rating
Paint Chips	%	1	2.3900	2.4165	1.9896	2.8435	-0.2	A
	%	2	0.2810	0.2683	0.2211	0.3156	0.8	A
	%	3	0.1370	1.2865	1.0692	1.5038	-15.9	U
	%	4	0.0652	0.0565	0.0441	0.0689	2.1	A

Statistical Analysis Interpretation Note:

Reference value is the mean of the reference group.

Lower limit = reference value - 3 standard deviations; Upper limit = reference value + 3 standard deviations

z-Score = (reported result - reference value)/standard deviation. Note: z-Scores are used to predict trends and to indicate how far a particular score is away from the mean.

A – Acceptable* Analysis; U - Unacceptable Analysis

Both the assigned values and acceptance limits are based on consensus of the reference group. *The acceptability of reported results is based on upper and lower acceptance limits. This is why a reported result may appear unacceptable according to z-Score, but be identified as acceptable.

Any non-participation or non-reporting of PAT data will result in unacceptable results (see PAT Programs Participation Policies, Section 2.1.6.2.).

Shag Slough

Barn 3

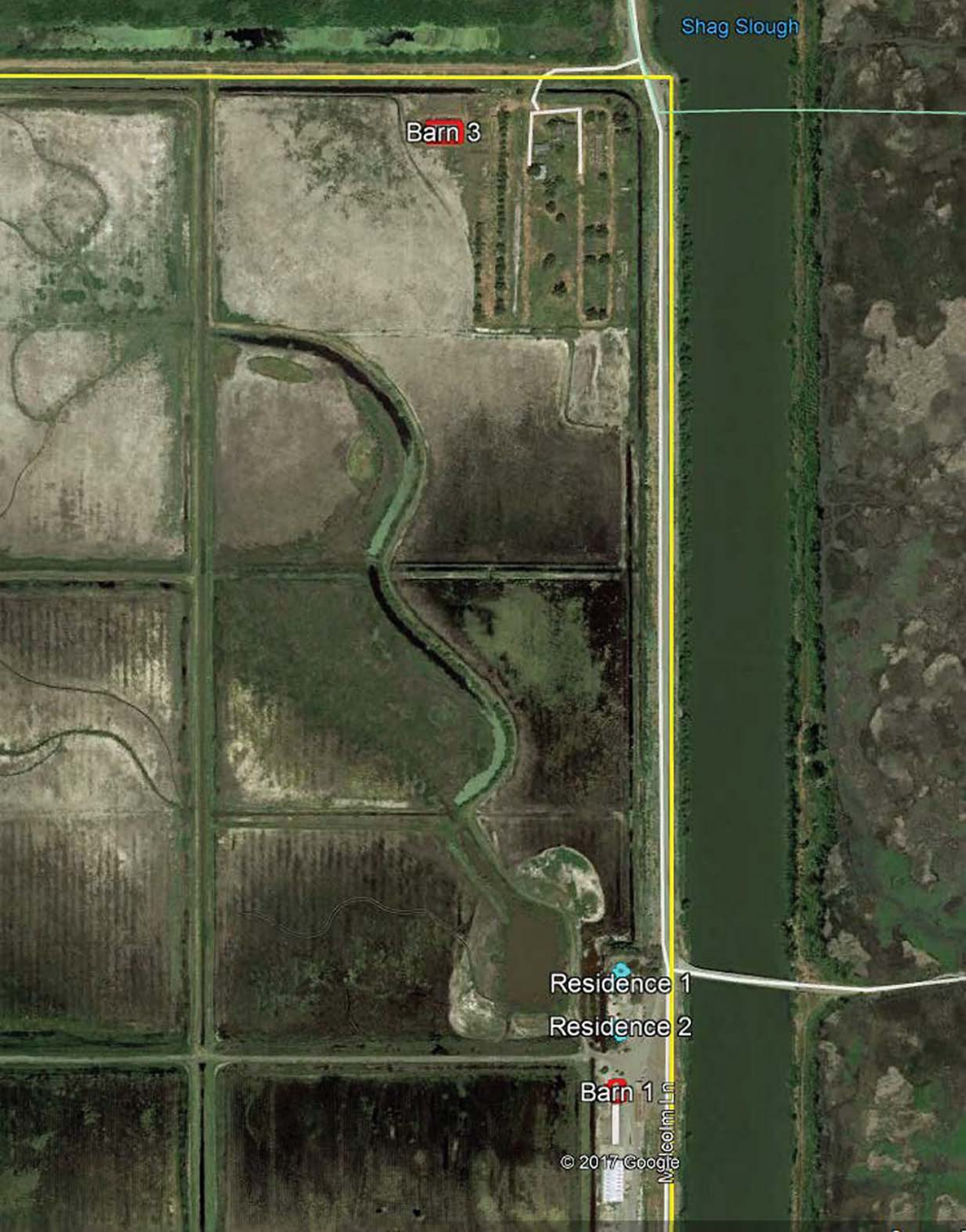
Residence 1

Residence 2

Barn 1

Wycliff Ln

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Residence 1

Residence 2

Barn 1

Residence 3

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Residence 4

Residence 5
Barn 2

Residence 6

Residence 7

Residence 8

Malcolm

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Residence 7

Residence 8

Malcolm Ln

Residence 9

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