ADDENDUM NO. 2

May 13, 2022

RE: IFB 202122-11 BUILDING DEMOLITION

The foregoing documents are amended and/or clarified in the respects as herein set forth. This addendum and the amendments herein shall become part of said documents and of any contract entered into pursuant to said documents.

IFB DOCUMENT MODIFICATIONS AND CLARIFICATIONS			No. OF PAGES
1.	Bid Due Date	**All references in the IFB and attachments to the RFP related to BID DUE DATE is CHANGED to 2:00 PM, TUESDAY, MAY 24, 2022.**	**NONE**
2.	Bid Item Descriptions, Bid Schedule B-1 & B-2	**Remove & replace bid item descriptions for Bid Schedule B-1 & B-2, Location 2, bid items 3, 12, & 13 with attached bid item descriptions for Bid Schedule B-1 & B-2, Location 2, bid items 3, 12, & 13.**	**2**
3.	Bid Schedule B-1 & Bid Schedule B-3	**Remove & replace Bid Schedule B-1 & B-2 with attached revised Bids Schedule B-1 & B-2 with revised Bid Item 3: Removal of Asbestos Containing Materials (ACM) & Lead Containing Materials (LCM) at 16557 Austin Street, and revised Bid Item 13: Septic System Destruction increase quantity to 2 EA**	**1**
4.	Location 2, Asbestos & Lead Survey Report	**Remove & replace Asbestos & Lead Survey Report for Location 2 with attached revised Asbestos & Lead Survey Report for Location 2, Dated 05/10/2022**	**47**
5.	Madera County Engineering Document	**Private Sewage Disposal System Application Sheet for 16557 Austin Street, Location 2, Dated 11/14/1987**	**1**
6.	Madera County Environmental Health Document	**Add Well/Sewage System Application along with Sewage System As-Built for 16597 Austin Street, Location 2, Dated 05/29/1988**	**2**
7.	Madera County RMA Document	**Sewage System Construction Permit along with Seepage Pit As-Built for 16597 Austin Street, Location 2, Dated 07/03/2008**	**2**

Issued by: J. Stickman

Jennifer Stickman
Procurement Services Manager

To verify receipt of this Addendum No. 2, please email this sheet to Jennifer Stickman at jstickman@madera.gov before the proposal due date.

Name of Firm: _____

Acknowledged by: _____

REVISED DESCRIPTION OF BID ITEMS- SCHEDULE B-1 AND B-2, 16557 AUSTIN STREET, BID ITEMS 3, 12, & 13

BID ITEM 3 – REMOVAL OF LEAD CONTAINING MATERIALS (LCM) and ABESTOS CONTAINING MATERIALS (ACM)

This is a lump-sum bid item for removal of LCM and **ACM** identified in **Revised Asbestos & Lead Survey Report, Dated 05/10/2022** at locations shown in Appendix A and shall include the cost for abatement and notification fees, hauling and disposal of LCM and **ACM** to an approved site using appropriate procedures as mandated by Federal, State, Regional and Local agencies.

Removal of LCM and **ACM** shall also include appropriate safety compliance, permits, licenses and certifications, air monitory sampling at completion and removal of LCM and **ACM**, transport to an approved site, dust control, cleanup, and appurtenances necessary for completion of the work as specified, in conformance with the provisions in the Specifications, and as directed by the Engineer

Note closure of Manifest for LCM and **ACM** is required to be completed within 30 days of LCM and **ACM** abatement.

BID ITEM 12 – WATER WELL DESTRUCTION

This is a lump sum bid item for "Water Well Destruction", at the location(s) shown on As-Built permits provide by County of Madera noted under **Addendum No. 2**, and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals for "Demolition of Water Well, in accordance with Detail W-17 Water Well Destruction of City of Madera Standards and Specification, and these specifications and Special Conditions, and as directed by the Engineer.

The Contractor is required to provide and pull a **no cost** permit from the Building Department and coordinate the required inspections with the Building Department.

Full compensation for all expenses involved in "Demolition of Water Well" including hauling and disposal of debris shall be considered as included in the unit price paid as lump sum, and no additional compensation will be permitted.

BID ITEM 13 – SEPTIC SYSTEM DESTRUCTION

This item is bid per each for "Septic System Destruction", at the location(s) shown on As-Built permits provide by County of Madera noted under **Addendum No. 2**, and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals for "Demolition of Septic System", in accordance Building Department permit requirements, and these specifications and Special Conditions, and as directed by the Engineer.

The Contractor is required to provide and pull a **no cost** permit from the Building Department and

coordinate the required inspections with the Building Department.

Full compensation for all expenses involved in "Demolition of Septic Systems" including hauling and disposal of debris shall be considered as included in the unit price paid as EA, and no additional compensation will be permitted.

****

SCHEDULE B-1, 16557 AUSTIN STREET

Item	Description	Unit of Measure	Approx. Qty	Unit Price ($)	Total Amount
1	Mobilization, Insurance and Bonds (NOT TO EXCEED $1,000)	LS	1		
2	Traffic Control, Public Convenience and Safety	LS	1		
3	Removal of Asbestos Containing Materials (ACM) & Lead Containing Materials (LCM) at 16557 Austin Street	LS	1		
4	Miscellaneous Work (NOT TO EXCEED $1,000)	LS	1		

SCHEDULE B-2, 16557 AUSTIN STREET

Item	Description	Unit of Measure	Approx. Qty	Unit Price ($)	Total Amount
5	Mobilization, Insurance and Bonds (NOT TO EXCEED $1,000)	LS	1		
6	Traffic Control, Public Convenience and Safety	LS	1		
7	SJVAPCD Air Quality, Emission & Dust Control Plan	LS	1		
8	Water Pollution Control Plan (WPCP) & Dust Control Plan	LS	1		
9	Clearing and Grubbing, Disposal, and Site Grading	LS	1		
10	Demolition of Building and accessories at 16557 Austin Street	LS	1		
11	Miscellaneous Facilities & Operations (NOT TO EXCEED $5,000)	LS	1		
12	Water Well Destruction	LS	1		
13	Septic System Destruction	EA	2		

TOTAL 1 THROUGH 13, INCLUSIVE: $_____
Total Amount of Bid (in words) is Dollars and_____Cents.
(In case of discrepancy between words and figures, the words shall prevail).

TOTAL BASE BID (SCHEDULE A + SCHEDULE B) $_____
Total Amount of Bid (in words) is _____Dollars and Cents.
(In case of discrepancy between words and figures, the words shall prevail).

FACS
Forensic Analytical Consulting Services

May 10, 2022

Revised Asbestos & Lead Survey Report

City of Madera
Site Demolition Project
16557 Austin Street
Madera, CA 93638

Prepared for:

Jennifer Stickman
Procurement Services Manager
City of Madera
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Prepared By:

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FACS Project #PJ68496

Contents

List of Acronyms

ACCM	Asbestos Containing Construction Material
ACM	Asbestos Containing Material
AHERA	Asbestos Hazard Emergency Response Act
AIHA	American Industrial Hygiene Association
CAC	California - Certified Asbestos Consultant
Cal/OSHA	California Occupational Safety and Health Association
CCR	Code of California Regulations
CFR	Code of Federal Regulation
DOSH	Department of Occupational Safety and Health
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency (EPA)
FACS	Forensic Analytical Consulting Services, Inc.
FALI	Forensic Analytical Laboratories, Inc.
ND	None Detected
NESHAP	National Emissions Standard Hazardous Air Pollutants
NIOSH	National Institute for Occupational Safety and Health
NIST	National Institute of Science and Technology
NVLAP	National Voluntary Laboratory Accreditation Program
PLM	Polarized Light Microscopy
TEM	Transmission Electron Microscopy
TTLC	Total Threshold Limit Concentration

Executive Summary

Forensic Analytical Consulting Services, Inc. (FACS) was retained by the City of Madera to perform an asbestos and lead paint survey of the buildings located at 16557 Austin Street in Madera, California. The survey included any suspect asbestos-containing materials (ACM) and lead-containing paints or coatings which may be disturbed during a planned demolition project. A summary list of suspect materials which were identified and sampled is included in Appendix A (asbestos) and Appendix B (lead) of this report. The survey was performed on January 31, 2022. An additional survey was performed on May 4, 2022.

Asbestos

The following suspect materials were sampled and identified to **contain** asbestos by laboratory analysis during this survey:

- **Flue Pipe Mastic – Grey (10% Chrysotile)**

All other materials sampled were identified to not contain asbestos by laboratory analysis.

Please refer to Appendix A for a list of all materials sampled during this survey.

Any suspect materials not included in this inspection must be assumed to be asbestos-containing materials until tested and proven not to contain asbestos.

Lead

The following paints/coatings were found to be **lead-containing** by laboratory analysis:

- Yellow Paint on Wood Eaves
- Yellow Paint on CMU Wall
- White Paint on Stucco Wall
- Blue Paint on Plaster Wall
- White Paint on Wood Fascia

Please refer to Appendix B for a list of all paints/coatings sampled during this survey.

Suspect paints or coatings not included in this inspection must be assumed to be lead-containing materials until tested and proven not to contain lead.

FACS recommends that the results of this report be incorporated into any demolition plans provided for this project for informational purposes.

Introduction

Forensic Analytical Consulting Services, Inc. (FACS) was retained by the City of Madera to perform an asbestos and lead paint survey of the buildings located at 16557 Austin Street in Madera, California. The survey included any suspect asbestos-containing materials (ACM) and lead-containing paints or coatings which may be disturbed during a planned demolition project. The survey was performed on January 31, 2022. An additional survey was performed on May 4, 2022.

Scope of Work

The purpose of this survey was to identify asbestos-containing materials (ACMs) and lead-containing paints which may be disturbed during a planned demolition project at this site. The visual inspection, bulk sampling, and survey documentation was performed by Tyler Faison, Noel Amirkhanian and Joseph Blair. Mr. Faison is a Division of Occupational Safety and Health (DOSH) Certified Asbestos Consultant (CAC #10-6824) and a California Department of Public Health (CDPH) Certified Lead Inspector/Assessor (#LRC-00002454), as required under California regulations. Mr. Amirkhanian and Mr. Blair are DOSH Certified Site Surveillance Technicians (CSST #18-6387, #11-6955) and CDPH Certified Lead Sampling Technicians (#LRC-00003977, #LRC-00008673). The scope of the survey and the services provided by FACS included:

- Performing a visual inspection of the structures to identify accessible suspect asbestos-containing materials (ACMs) and lead-containing paints and coatings that will be disturbed during the planned project;
- Collection of bulk material samples for asbestos analysis by polarized light microscopy (PLM);
- Collection of bulk paint chip samples for lead analysis using atomic absorption spectrometry;
- Ensuring the technical quality of all work by using Asbestos Hazard Emergency Response Act (AHERA) accredited Inspectors;
- Ensuring the technical quality of all work by using California Department of Public Health (CDPH) Certified Lead Sampling Technicians and Inspector/Assessors;
- Consolidating data and findings into a report format.

Site Characterization

The buildings located at 16557 Austin Street contain a variety of common building materials. These include, but are not limited to, drywall, carpet, cellulose insulation, concrete, linoleum and mastic, ceramic tile, CMU and mortar, vinyl baseboards and glue, brick and mortar, and composition shingle roofing.

Survey Methods

Document Review

No previous survey documents were reviewed prior to conducting this inspection.

Visual Inspection

Accessible building materials were visually inspected using the methods presented in the Federal AHERA regulations (40 CFR, Part 763). AHERA inspection methodology is required to be used for inspections of K-12 schools and is generally accepted as the industry standard for all ACM inspections regardless of structure or facility type. Suspect ACMs were also physically assessed for friability, condition and possible disturbance factors.

All areas were accessible during this inspection.

Asbestos Inspection

Bulk Sample Collection

Bulk samples of identified homogeneous materials were collected in the limited project area that may be impacted by the planned renovation activity. Samples were collected of each separate homogeneous area. A homogeneous area is defined as a surfacing material, thermal system insulation, or miscellaneous material that is uniform in use, color and texture. Examples of homogeneous areas could include:

Vinyl floor tiles
False ceiling panels
Drywall with joint compound
Vinyl sheet flooring

The specific number of samples collected was determined by using the methods required by the Federal AHERA regulations (40 CFR, Part 763.86) as noted below:

1) For Surfacing Material:
   1,000 ft^2 or less - collect 3 samples
   1,001 to 5,000 ft^2 - collect 5 samples
   5,001 ft^2 or greater - collect 7 samples

2) For Thermal System Insulation:
   "In a randomly distributed manner" - collect 3 samples
   6 linear feet of patching or less - collect 1 sample
   cementitious pipe fittings - "In a manner sufficient to determine"

3) For all Miscellaneous Material:
   Collect samples "In a manner sufficient to determine whether material is ACM (asbestos-containing material) or not ACM..."

The suspect ACMs were sampled using a knife, chisel, scraper, drill or other similar coring device suitable to the type of material sampled to cut through its entire thickness and to ensure that a cross-section of the material was obtained. The material was then placed in an appropriately labeled container that was sealed and submitted to SGS-Forensic Laboratories for analysis. A unique sample number (e.g. PJ68496-01A) was assigned to each sample.

Bulk samples will be retained by the laboratory for one month unless otherwise instructed. After this period, the samples will be disposed of appropriately.

Bulk Sample Analysis

A total of twenty (29) bulk samples were collected from eleven (15) suspect materials. The bulk samples were analyzed by SGS-Forensic Laboratories (SGS) in Hayward, California. SGS is accredited by the California Department of Public Health (CDPH) Environmental Laboratory Accreditation Program (ELAP) and the National Institute of Science and Technology's (NIST) National Voluntary Laboratory Accreditation Program (NVLAP). SGS participates in the National Institute for Occupational Safety and Health (NIOSH) Proficiency Analytical Testing Program and has substantial experience in the analysis of asbestos.

All samples were analyzed using Polarized Light Microscopy with Dispersion Staining (PLM/DS) techniques in accordance with the methodology approved by the U.S. Environmental Protection Agency (EPA). The percentage of asbestos present in the samples was determined on the basis of a visual area estimation. The EPA defines asbestos-containing materials (ACM) as any material containing more than one percent (1%) asbestos as determined using the method specified in Appendix A, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy (PLM). 40 CFR Part 763 identifies the lower limit of reliable quantification for asbestos using the PLM method as approximately one percent (1%) by volume. Regulations in California (CAL/OSHA Title 8 CCR 1529) define asbestos-containing construction materials (ACCM) as those materials having asbestos content of greater than one tenth of one percent (> 0.1%); therefore, for the purpose of this survey, any amount of asbestos detected will be considered positive. In addition to the percentages, the types of asbestos minerals are also reported. The PLM method is the standard method used to analyze asbestos bulk samples.

When "None Detected" (ND) appears in the laboratory results, it should be interpreted as meaning asbestos was not observed in the sample material.

Lead Inspection

The client-defined lead inspection was conducted in accordance with the CDPH Lead-Related Construction Program and modeled upon the sampling protocol described in “Chapter 7: Lead Based Paint Inspection” of the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (1997 Revision).

Cal/OSHA, in Title 8 California Code of Regulations (CCR) Section 1532.1, Lead in Construction Standard which implements California Labor Code 8716-6717, regulates all construction work where an employee may be occupationally exposed to lead. Paint or materials with any detectable level of lead is considered lead-containing by Cal/OSHA.

Bulk Sampling Methodology

During these inspections, FACS personnel collected five (5) bulk paint chip samples for laboratory confirmation of lead-content. Each sample was scraped from the substrate it had been applied to using a knife or chisel to obtain sufficient material for analysis. Each sample was given a unique marker number, identified on a chain-of-custody, packaged, and sent via FedEx to SGS in Hayward, California for analysis. SGS is accredited by the American Industrial Hygiene Association’s Environmental Lead Laboratory Accreditation Program for the analysis of lead in bulk paint chips by flame atomic absorption.

Regulations

Background

Asbestos is the name of a class of magnesium-silicate minerals that occur in fibrous form. Minerals that are included in this group are chrysotile, crocidolite, amosite, anthophyllite asbestos, tremolite asbestos, and actinolite asbestos. Although the chrysotile minerals are the most common type of asbestos found in the construction industry, all types of asbestos are regulated in the same manner. Asbestos has been used in more than 3,000 different building materials. Asbestos was added to building materials to: increase fire-resistance, insulate against heat, cold and sound, resist corrosion, and increase tensile strength. Common building materials that may contain asbestos include but are not limited to the following: floor tile, resilient sheet flooring, ceiling tile, mastics, roofing materials, fireproofing, acoustical treatments, wallboard, pipe and boiler insulations. Adverse health effects have been associated with the inhalation of airborne asbestos. However, asbestos fibers that are tightly bound in the building material, may not represent an exposure hazard, unless disturbed in such a way that releases airborne fibers (i.e., cutting, drilling, sanding, and other abrasive methods).

Building Surveys

The following is a summary of some current Federal and California State regulations which contain requirements related to the performance of building surveys for asbestos. These summaries are not intended to be all inclusive and do not contain every aspect of the regulations discussed.

U.S. EPA National Emission Standard for Hazardous Air Pollutants (NESHAPs), 40 CFR Part 61

Under the NESHAPs regulation, no visible emissions are allowed during building demolition or renovation activities which involve regulated asbestos-containing materials. For this reason, all buildings must be surveyed for asbestos-containing materials prior to demolition or renovation. The EPA, CARB, and/or the local Air Quality Management District which implements EPA actions, must be notified prior to any building demolition even if no asbestos-containing materials are present.
Regulated asbestos-containing material (RACM) is defined as a) any friable material with an asbestos content of greater than one percent, or b) any non-friable material with asbestos content of greater than one percent that will, or could, become friable.

Asbestos Hazard Emergency Response Act (AHERA), 40 CFR Part 763, Subpart E

AHERA requires performance of asbestos surveys and the development of Asbestos Management Plans for all primary and secondary schools in the United States. Although this regulation applies to primary and secondary schools only, the procedures mandated under AHERA are considered the industry standard and are applied to all surveys performed by FACS unless otherwise specified by the building owner.

Worker Protection

California Assembly Bill AB3713, Health and Safety Code Division 20, Chapter 10.4, Section 25915-25924

The state of California has enacted legislation that requires building owners, employers, lessees, etc. to notify tenants, employees and contractors of the presence of asbestos in both friable and non-friable forms. In addition, preventive maintenance activities must be developed and communicated to these parties. Notification is required 15 days after the identification of ACM in the building, and annually thereafter.

Occupational Safety and Health Administration (OSHA) 29 CFR 1926.1101 and 8 CCR 1529

The Federal and State Occupational Safety and Health Administrations (OSHA) require employers to implement specific work practices which protect workers from airborne asbestos exposure.

Building materials which contain even low levels of asbestos (<1%) can potentially generate significant concentrations of airborne asbestos fibers when disturbed. Therefore, control measures should be instituted which adequately address worker health and safety during planned renovation or demolition activities involving these materials. Cal/OSHA defines asbestos-containing construction materials as those materials having greater than one tenth of one percent asbestos (>0.1%). As stated previously, there is currently no viable method to accurately quantify asbestos at this level.

Hazardous Waste

Building materials reported to contain less than one percent (<1%) of asbestos are not considered hazardous by the U.S. EPA, and hence, may not require removal and disposal prior to demolition or renovation. Regulations may vary, however, between regional air quality management districts and/or other state agencies responsible for implementing EPA's rules. Therefore, local agencies should be contacted for specific ACM definitions and handling requirements. Cal/OSHA may also require special packaging and labeling on containers with asbestos-containing construction materials.

Composite sampling, which may potentially reduce the total asbestos content of the material, is only permitted when sampling joint compound, tape, and gypsum wallboard according to EPA's Asbestos NESHAP Clarification Regarding Analysis of Multi-Layered Systems (40 CFR Part 61 FRL-4821-7).

Lead

Cal/OSHA Lead (8 CCR 1532.1) & CDPH (Title 17)

If existing paints or coatings will be impacted, a project should be considered regulated by Cal/OSHA as lead-related construction (8 CCR 1532.1).

A contractor who has employees that may be occupationally exposed to lead during this project must perform an initial determination regarding worker exposures to lead, which may be based on personal air monitoring at the start of the project, prior employee monitoring from the past 12 months under workplace conditions closely resembling the current project, or objective data demonstrating that exposures will not exceed the Cal/OSHA action level (30 micrograms per cubic meter of air). It is the contractor's responsibility to conduct their initial determination and comply with any relevant Cal/OSHA requirements.

Workers disturbing existing paints or coatings during a project must have lead awareness or action level training depending on the initial exposure determination and lead-safe work practices must be used. Disturbance of lead-containing paints or coatings must be performed within a contained area to prevent the spread and build-up of lead dust in order to comply with CDPH requirements. HEPA vacuums, dustless tools or shrouds, and/or intact removal of components should be employed to minimize lead dust generation and properly cleanup work areas following disturbance to lead-containing materials during a project. Waste generated during disturbance to lead-containing materials must be profiled in a hazardous waste determination to ascertain proper disposal requirements.

If the initial determination or initial exposure monitoring shows that workers impacting lead can be expected to be or are shown to be exposed to lead above the Cal/OSHA permissible exposure level (50 micrograms per cubic meter of air) workers and supervisors must have the requisite training and CDPH lead worker or supervisor certification.

Findings and Recommendations

Forensic Analytical Consulting Services, Inc. (FACS) was retained by the City of Madera on January 31, 2022, and May 4, 2022 to perform an asbestos and lead paint survey of the buildings at 16557 Austin Street in Madera, California.

Asbestos

The following suspect materials were sampled and identified to **contain** asbestos by laboratory analysis during this survey:

- **Flue Pipe Mastic – Grey (10% Chrysotile)**

All other materials sampled were identified to not contain asbestos by laboratory analysis.

Please refer to Appendix A for a list of all materials sampled during this survey.

Any suspect materials not included in this inspection must be assumed to be asbestos-containing materials until tested and proven not to contain asbestos.

While less than 100 square feet of asbestos-containing material is present, FACS recommends that a DOSH-registered abatement contractor perform the abatement. This is due to the contractor having a labor force with the training, technical expertise and necessary equipment and supplies to meet regulatory requirements.

Workers abating asbestos-containing materials must have AHERA Worker training and one worker shall be trained to the AHERA Contractor-Supervisor level. Workers will need to use containment, work practices, and engineering controls as required by Cal/OSHA for the various classes of work that may be required to be performed. The contractor performing abatement must also file a "report of use" temporary worksite notification to the local Cal/OSHA office at least 24 hours prior to mobilizing to the site.

The US EPA NESHAP regulation requires the abatement of asbestos-containing materials that are friable or likely to become friable by forces impacting them as part of any demolition activities. Non-friable materials that are not made friable may be disposed of as non-hazardous asbestos-containing waste material at a landfill that will accept the waste.

While the asbestos-containing materials detected during this project a notification for abatement is not required to be filed with the San Joaquin Valley Air Pollution Control District, a 10-working day notification must be filed for the demolition of the structures. This notification will require a copy of this report and the payment of a fee to start the notification period to the San Joaquin Valley Air Pollution Control District.

Lead

The following paints/coatings were found to be **lead-containing** by laboratory analysis:

- Yellow Paint on Wood Eaves
- Yellow Paint on CMU Wall
- White Paint on Stucco Wall
- Blue Paint on Plaster Wall
- White Paint on Wood Fascia

Please refer to Appendix B for a list of all paints/coatings sampled during this survey.

Suspect paints or coatings not included in this inspection must be assumed to be lead-containing materials until tested and proven not to contain lead.

To comply with CDPH requirements, any disturbance to paints or coatings that contain lead must be completed within a contained area to prevent the creation of a lead hazard. To comply with California Department of Toxic Substance Control and Title 22 requirements, any waste streams containing lead must be profiled prior to disposal. If the structure will be demolished in place using heavy equipment, only limited Cal/OSHA lead training would be required for workers; if there is manual demolition to be performed as part of the project, additional training, exposure and respiratory protection, and work practices/engineering controls requirements may be required to be met by the employer performing the work and their employees.

FACS recommends that the results of this report be incorporated into any renovation plans provided for this project for informational purposes.

Limitations

This investigation is limited to the conditions and practices observed, and information made available to FACS. The methods, conclusions and recommendations provided are based on FACS' judgment, expertise and the standard of practice for professional service. They are subject to the limitations and variability inherent in the methodology employed. As with all environmental investigations, this investigation is limited to the defined scope and does not purport to set forth all hazards, nor indicate that other hazards do not exist.

Please do not hesitate to contact our office at 209-551-2000 with any questions or concerns. Thank you for the opportunity to assist the City of Madera with promoting worker safety and a healthy environment.

Respectfully,
FORENSIC ANALYTICAL

Daniel Prado
Associate Project Manager, Reno
Cal/OSHA CAC #12-7045
CDPH I/A #LRC-00006184

Reviewed by:
FORENSIC ANALYTICAL

Chris Chipponeri
Director, Central Valley Offices
Cal/OSHA CAC #10-4633
CDPH I/A #LRC-00000782

Appendix A

Asbestos Survey Summary, Sample Chain-of-Custody and Laboratory Results Report

Asbestos Survey Summary (Lab Report #B328677) 16557 Austin Street, Madera, CA – Site Demolition Project Survey Date: January 31, 2022						
Sample Numbers	**Material Description**	**Location(s) of Material**	**Material Number**	**Asbestos Content (percent)**	**Asbestos NESHAP Category**	**Approx. Quantity**
31A-31C	Drywall with Joint Compound	Main Building	31	None detect in white drywall None detect in white tape None detect in off-white joint compound None detect in paint	N/A	N/A
32A-32C	Drywall with Joint Compound	Shed Rubble	32	None detect in white drywall None detect in white tape None detect in off-white joint compound None detect in paint	N/A	N/A
33A	Carpet & Mastic – Tan	Main Building	33	None detect in tan carpet None detect in tan mastic None detect in multicolored foam	N/A	N/A
34A-34B	Cellulose Insulation	Main Building	34	None detect in tan fibrous material	N/A	N/A
35A	Concrete	Main Building	35	None detect in grey cementitious material	N/A	N/A
36A-36B	Linoleum & Mastic – Brown	Main Building	36	None detect in brown sheet flooring None detect in black mastic	N/A	N/A
37A	CT & Grout – White	Main Building	37	None detect in white ceramic tile None detect in white grout	N/A	N/A
38A	Baseboard & Mastic – 4" Brown	Main Building	38	None detect in brown non-fibrous material None detect in beige mastic	N/A	N/A
39A-39B	CMU & Mortar	Main Building & Shed	39	None detect in grey cementitious material None detect in paint	N/A	N/A
40A-40C	Composition Roof Shingles	Main Building & Shed	40	None detect in green roof shingle	N/A	N/A
41A	Brick & Mortar	Main Building	41	None detect in red cementitious material None detect in grey mortar	N/A	N/A

Asbestos Survey Summary (Lab Report #B332617) 16557 Austin Street, Madera, CA – Site Demolition Project Survey Date: May 5, 2022						
Sample Numbers	**Material Description**	**Location(s) of Material**	**Material Number**	**Asbestos Content (percent)**	**Asbestos NESHAP Category**	**Approx. Quantity**
01A-01B	Stucco	Exterior of House	43	None detect in grey cementitious material None detect in paint	N/A	N/A
02A-02C	Plaster	Entire House	44	None detect in beige plaster None detect in white plaster None detect in paint	N/A	N/A
03A-03C	Rolled Composition Roofing	Roof	45	None detect in green roof shingle None detect in white roof single None detect in white roof single None detect in black felt	N/A	N/A
04A	**Flue Pipe Mastic – Grey**	**Roof**	**46**	**10% Chrysotile in Grey Mastic**	**Category II Non-Friable**	**30 ft²**

SGS FORENSIC LABORATORIES

Analysis Request Form (COC)

Client Name & Address: FACS Modesto, 207 McHenry Ave, Modesto, CA 95354 — Client No.: Mod08	PO / Job#: PJ68496 — Date: 1.31.22
	Turn Around Time: ☐ Same Day / ☐ 1Day / ☐ 2Day / ☐ 3Day / ☐ 4Day / ☒ 5Day
	☐ PCM: ☐ NIOSH 7400A / ☐ NIOSH 7400B ☐ Rotometer
	☒ PLM: ☒ Standard / ☐ Point Count 400 - 1000 / ☐ CARB 435
Contact: Tyler Faison — Phone: (209) 551-2000	☐ TEM Air: ☐ AHERA / ☐ Yamate2 / ☐ NIOSH 7402
E-mail: tfaison@forensicanalytical.com	☐ TEM Bulk: ☐ Quantitative / ☐ Qualitative / ☐ Chatfield ☐ TEM Water: ☐ Potable / ☐ Non-Potable / ☐ Weight % ☐ TEM Dust: ☐ D5755 (microvac) / ☐ D6480 (wipe)
Site Name: City of Madera	☐ IAQ Particle Identification (PLM LAB) ☐ PLM Opaques/Soot ☐ Particle Identification (TEM LAB) ☐ Special Project
Site Location: 16557 Austin Street, Madera, CA	☐ Metals Analysis Matrix: Method: Analytes:
Comments:	☐ Silica in Air ☐ w/Gravimetry ☐ Quartz Only

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY: Type	Time On/Off	Avg LPM	Total Time	Sample Area / Air Volume
PJ68496 - 31A	1.31.22	Drywall w/ joint compound Main House - Master Bed - East Center	A P C				
PJ68496 - 31B	1.31.22	Drywall w/ joint compound Main House - Master Bed - East Center	A P C				
PJ68496 - 31C	1.31.22	Drywall w/ joint compound Main House - Master Bed - East Side. North En	A P C				
PJ68496 - 32A	1.31.22	Drywall w/ joint compound Shed Rubble	A P C				
PJ68496 - 32B	1.31.22	Drywall w/ joint compound Shed Rubble	A P C				
PJ68496 - 32C	1.31.22	Drywall w/ joint compound Shed Rubble	A P C				
PJ68496 - 33A	1.31.22	Carpet and Mastic - Tan Main House - NE Room - West Center	A P C				
PJ68496 - 34A	1.31.22	Cellulose Insulation NE Room - East Center	A P C				
PJ68496 - 34B	1.31.22	Cellulose Insulation NE Room - West Center	A P C				
PJ68496 - 35A	1.31.22	Concrete Main House - East Side Center	A P C				

Sampled By: Tyler Faison — Date/Time: 1.31.22 — Shipped Via: ☒ Fed Ex ☐ UPS ☐ US Mail ☐ Courier ☐ Drop Off ☐ Other:

Relinquished By: Date / Time: 21.22	Relinquished By: Date / Time:	Relinquished By: Date / Time:
Received By: Date / Time: Condition Acceptable? ☐ Yes ☐ No	Received By: Date / Time: Condition Acceptable? ☐ Yes ☐ No	Received By: Date / Time: Condition Acceptable? ☐ Yes ☐ No

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Las Vegas Office: 6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 • Phone: 702/784-0040

SGS FORENSIC LABORATORIES

Analysis Request Form (COC)

Client Name & Address: FACS Modesto, 207 McHenry Ave, Modesto, CA 95354
Client No.: Mod08
PO / Job#: PJ68496
Date: 1.31.22
Turn Around Time: Same Day / 1Day / 2Day / 3Day / 4Day / 5Day
☐ PCM: ☐ NIOSH 7400A / ☐ NIOSH 7400B ☐ Rotometer
☒ PLM: ☒ Standard / ☐ Point Count 400 - 1000 / ☐ CARB 435
Contact: Tyler Faison
Phone: (209) 551-2000
E-mail: tfaison@forensicanalytical.com
☐ TEM Air: ☐ AHERA / ☐ Yamate2 / ☐ NIOSH 7402
☐ TEM Bulk: ☐ Quantitative / ☐ Qualitative / ☐ Chatfield
☐ TEM Water: ☐ Potable / ☐ Non-Potable / ☐ Weight %
☐ TEM Dust: ☐ D5755 (microvac) / ☐ D6480 (wipe)
Site Name: City of Madera
☐ IAQ Particle Identification (PLM LAB) ☐ PLM Opaques/Soot
☐ Particle Identification (TEM LAB) ☐ Special Project
Site Location: 16557 Austin Street, Madera, CA
☐ Metals Analysis Matrix: Method: Analytes:
Comments:
☐ Silica in Air ☐ w/Gravimetry ☐ Quartz Only

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
PJ68496 - 36A	1.31.22	Linoleum and Mastic - Brown Main Building - Restroom - South Center	A P C				
PJ68496 - 36B	1.31.22	Linoleum and Mastic - Brown Main Building - Restroom - South Center	A P C				
PJ68496 - 37A	1.31.22	Ceramic Tile and Grout - White Main Building - Restroom - NE at Damage	A P C				
PJ68496 - 38A	1.31.22	4" BB and Mastic - Brown Main Building - Restroom - SW Corner	A P C				
PJ68496 - 39A	1.31.22	CMU and Mortar Shed - NW Corner	A P C				
PJ68496 - 39B	1.31.22	CMU and Mortar Main - SE Corner	A P C				
PJ68496 - 40A	1.31.22	Comp Shingles Main - SE Corner	A P C				
PJ68496 - 40B	1.31.22	Comp Shingles Shed - NW Corner	A P C				
PJ68496 - 40C	1.31.22	Comp Shingles Main - SE Corner	A P C				
PJ68496 - 41A	1.31.22	Brick and Mortar Main - South Side. Center	A P C				

Sampled By: Tyler Faison Date/Time: 1.31.22 Shipped Via: ☒ Fed Ex ☐ UPS ☐ US Mail ☐ Courier ☐ Drop Off ☐ Other:

Relinquished By:	Relinquished By:	Relinquished By:
Date / Time: 2.1.22	Date / Time:	Date / Time:
Received By:	Received By:	Received By:
Date / Time:	Date / Time:	Date / Time:
Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No

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Las Vegas Office: 6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 • Phone: 702/784-0040

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SGS FORENSIC LABORATORIES

Final Report

Bulk Asbestos Analysis

(EPA Method 40CFR, Part 763, Appendix E to Subpart E and EPA 600/R-93-116, Visual Area Estimation)
NVLAP Lab Code: 200908-0

FACS - Fresno
Tyler Faison
21228 Cabot Blvd.

Hayward, CA 94545

Client ID: FR09
Report Number: B328677
Date Received: 02/02/22
Date Analyzed: 02/09/22
Date Printed: 02/09/22
First Reported: 02/09/22

Job ID/Site: PJ68496; City of Madera 621 East 4th Street & 16557 Austin Street Madera CA 93637
Date(s) Collected: 01/31/2022

SGSFL Job ID: FR09
Total Samples Submitted: 20
Total Samples Analyzed: 20

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PJ68496-31A	12527435						
Layer: White Drywall			**ND**				
Layer: White Tape			**ND**				
Layer: Off-White Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)							
PJ68496-31B	12527436						
Layer: White Drywall			**ND**				
Layer: White Tape			**ND**				
Layer: Off-White Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)							
PJ68496-31C	12527437						
Layer: White Drywall			**ND**				
Layer: White Tape			**ND**				
Layer: Off-White Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)							
PJ68496-32A	12527438						
Layer: White Drywall			**ND**				
Layer: White Tape			**ND**				
Layer: Off-White Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)							

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Report Number: B328677
Client Name: FACS - Fresno **Date Printed:** 02/09/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PJ68496-32B	12527439						
Layer: White Drywall			**ND**				
Layer: White Tape			**ND**				
Layer: Off-White Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)							
PJ68496-32C	12527440						
Layer: White Drywall			**ND**				
Layer: White Tape			**ND**				
Layer: Off-White Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)							
PJ68496-33A	12527441						
Layer: Tan Carpet			**ND**				
Layer: Tan Mastic			**ND**				
Layer: Multicolored Foam			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace) Synthetic (85 %)							
PJ68496-34A	12527442						
Layer: Tan Fibrous Material			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (95 %)							
PJ68496-34B	12527443						
Layer: Tan Fibrous Material			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (95 %)							
PJ68496-35A	12527444						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ68496-36A	12527445						
Layer: Brown Sheet Flooring			**ND**				
Layer: Black Mastic			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ68496-36B	12527446						
Layer: Brown Sheet Flooring			**ND**				
Layer: Black Mastic			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							

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Report Number: B328677
Client Name: FACS - Fresno **Date Printed:** 02/09/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PJ68496-37A	12527447						
Layer: White Ceramic Tile			**ND**				
Layer: White Grout			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ68496-38A	12527448						
Layer: Brown Non-Fibrous Material			**ND**				
Layer: Beige Mastic			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ68496-39A	12527449						
Layer: Grey Cementitious Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ68496-39B	12527450						
Layer: Grey Cementitious Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ68496-40A	12527451						
Layer: Green Roof Shingle			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (45 %)							
PJ68496-40B	12527452						
Layer: Green Roof Shingle			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (45 %)							
PJ68496-40C	12527453						
Layer: Green Roof Shingle			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (45 %)							
PJ68496-41A	12527454						
Layer: Red Cementitious Material			**ND**				
Layer: Grey Mortar			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							

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Report Number: B328677

Client Name: FACS - Fresno **Date Printed:** 02/09/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer

Vincent To, Laboratory Supervisor, Las Vegas Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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SGS FORENSIC LABORATORIES

Analysis Request Form (COC)

Client Name & Address: FACS Fresno, 371 E. Bullard ave. #109, Fresno, CA 93710 — Client No.: FR09	PO / Job#: PJ68496 — Date: 05-4-2022
	Turn Around Time: Same Day / 1Day / 2Day (X) / 3Day / 4Day / 5Day
	☐ PCM: ☐ NIOSH 7400A / ☐ NIOSH 7400B ☐ Rotometer
	☒ PLM: ☒ Standard / ☐ Point Count 400 - 1000 / ☐ CARB 435
Contact: Tyler Faison — Phone: (559) 436-0277	☐ TEM Air: ☐ AHERA / ☐ Yamate2 / ☐ NIOSH 7402
E-mail: Tfaison@forensicanalytical.com	☐ TEM Bulk: ☐ Quantitative / ☐ Qualitative / ☐ Chatfield ☐ TEM Water: ☐ Potable / ☐ Non-Potable / ☐ Weight % ☐ TEM Microvac: ☐ Qual / ☐ D5755(str/area) / ☐ D5756(str/mass)
Site Name: City of Madera	☐ IAQ Particle Identification (PLM LAB) ☐ PLM Opaques/Soot ☐ Particle Identification (TEM LAB) ☐ Special Project
Site Location: 16557 Austin Street, Madera, CA 93638	☐ Metals Analysis Matrix: Method: Analytes:
Comments: **Please also email results to joe.blair@forensicanalytical.com**	☐ Silica in Air ☐ w/Gravimetry ☐ Quartz Only

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
PJ68496 - 01A	5-4-22	Stucco - House 2 Exterior - Southwest Corner	A P C				
PJ68496 - 01B	5-4-22	Stucco - House 2 Exterior - Northwest Corner	A P C				
PJ68496 - 02A	5-4-22	Plaster - House 2 Main Entry - West Side. North End	A P C				
PJ68496 - 02B	5-4-22	Plaster - House 2 Bedroom 1 - South Side Center	A P C				
PJ68496 - 02C	5-4-22	Plaster - House 2 Kitchen - East Side	A P C				
PJ68496 - 03A	5-4-22	Rolled Composition Roofing - House 2 Roof - Southwest Corner	A P C				
PJ68496 - 03B	5-4-22	Rolled Composition Roofing - House 2 Roof - Southeast Corner	A P C				
PJ68496 - 03C	5-4-22	Rolled Composition Roofing - House 2 Roof - Northeast Corner	A P C				
PJ68496 - 04A	5-4-22	Flue Pipe Mastic - Grey House 2 Roof - Southeast Corner	A P C				
			A P C				

Sampled By: Joe Blair — Date/Time: 5/4/22 — Shipped Via: ☒ Fed Ex ☐ UPS ☐ US Mail ☐ Courier ☐ Drop Off ☐ Other:

Relinquished By:	Relinquished By:	Relinquished By:
Date / Time: 5/4/22 / 1200	Date / Time:	Date / Time:
Received By:	Received By:	Received By:
Date / Time:	Date / Time:	Date / Time:
Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No

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Final Report

Bulk Asbestos Analysis

(EPA Method 40CFR, Part 763, Appendix E to Subpart E and EPA 600/R-93-116, Visual Area Estimation)
NVLAP Lab Code: 101459-0

FACS - Fresno
Tyler Faison
21228 Cabot Blvd.

Hayward, CA 94545

Client ID: FR09
Report Number: B332617
Date Received: 05/05/22
Date Analyzed: 05/09/22
Date Printed: 05/09/22
First Reported: 05/09/22

Job ID/Site: PJ68496; City of Madera 621 East 4th Street & 16557 Austin Street Madera CA 93637
Date(s) Collected: 05/04/2022

SGSFL Job ID: FR09
Total Samples Submitted: 9
Total Samples Analyzed: 9

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PJ68496-01A	12561611						
Layer: Grey Cementitious Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ68496-01B	12561612						
Layer: Grey Cementitious Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ68496-02A	12561613						
Layer: Beige Plaster			**ND**				
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ68496-02B	12561614						
Layer: Beige Plaster			**ND**				
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ68496-02C	12561615						
Layer: Beige Plaster			**ND**				
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							

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Report Number: B332617
Client Name: FACS - Fresno **Date Printed:** 05/09/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PJ68496-03A	12561616						
Layer: Green Roof Shingle			**ND**				
Layer: White Roof Shingle			**ND**				
Layer: White Roof Shingle			**ND**				
Layer: Black Felt			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (10 %) Fibrous Glass (40 %) Comment: Bulk complex sample.							
PJ68496-03B	12561617						
Layer: Green Roof Shingle			**ND**				
Layer: White Roof Shingle			**ND**				
Layer: White Roof Shingle			**ND**				
Layer: Black Felt			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (10 %) Fibrous Glass (40 %) Comment: Bulk complex sample.							
PJ68496-03C	12561618						
Layer: Green Roof Shingle			**ND**				
Layer: White Roof Shingle			**ND**				
Layer: White Roof Shingle			**ND**				
Layer: Black Felt			**ND**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (10 %) Fibrous Glass (40 %) Comment: Bulk complex sample.							
PJ68496-04A	12561619						
Layer: Grey Mastic		Chrysotile	**10 %**				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Appendix B

Lead Paint Chips Results Summary, Sample Chain-of-Custody, Laboratory Results Report and CDPH 8552 Form

Lead Paint Chip Results Summary (Lab Report #M239356) 16557 Austin Street, Madera, CA – Site Demolition Project Survey Date: January 31, 2022					
Sample Number	**Component Location**	**Component**	**Color**	**Substrate**	**Analytical Results**
09Pb	Main Building – Back Patio – Center	Eaves	Yellow	Wood	0.065
10Pb	Main Building – SE Corner	Fascia	White	Wood	0.25
11Pb	Main Building – NE Corner	Wall	Yellow	CMU	0.013

Lead Paint Chip Results Summary (Lab Report #M241507) 16557 Austin Street, Madera, CA – Site Demolition Project Survey Date: May 5, 2022					
Sample Number	**Component Location**	**Component**	**Color**	**Substrate**	**Analytical Results**
Pb01	House 2 Exterior – Southwest Corner	Wall	White	Stucco	0.017
Pb02	House 2 Interior – Bedroom 1, S side	Wall	Blue	Plaster	0.027

SGS FORENSIC LABORATORIES

Analysis Request Form (COC)

Client Name & Address: FACS Modesto, 207 McHenry Ave, Modesto, CA 95354
Client No.: Mod08
PO / Job#: PJ68496
Date: 1.31.22
Turn Around Time: Same Day / 1Day / 2Day / 3Day / 4Day / 5Day
☐ PCM: ☐ NIOSH 7400A / ☐ NIOSH 7400B ☐ Rotometer
☐ PLM: ☐ Standard / ☐ Point Count 400 - 1000 / ☐ CARB 435
Contact: Tyler Faison
Phone: (209) 551-2000
E-mail: tfaison@forensicanalytical.com
☐ TEM Air: ☐ AHERA / ☐ Yamate2 / ☐ NIOSH 7402
☐ TEM Bulk: ☐ Quantitative / ☐ Qualitative / ☐ Chatfield
☐ TEM Water: ☐ Potable / ☐ Non-Potable / ☐ Weight %
☐ TEM Dust: ☐ D5755 (microvac) / ☐ D6480 (wipe)
Site Name: City of Madera
☐ IAQ Particle Identification (PLM LAB) ☐ PLM Opaques/Soot
☐ Particle Identification (TEM LAB) ☐ Special Project
Site Location: 16557 Austin Street, Madera, CA
☒ Metals Analysis Matrix: S Method: FLAME AA
Analytes: Pb
Comments:
☐ Silica in Air ☐ w/Gravimetry
☐ Quartz Only

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY: Type	Time On/Off	Avg LPM	Total Time	Sample Area / Air Volume
PJ68496 - 09Pb	1.31.22	Yellow Paint on Wood Eaves Main - Back Patio - Center	A P C				
PJ68496 - 10Pb	1.31.22	White Paint on Wood Fascia Main - SE Corner	A P C				
PJ68496 - 11Pb	1.31.22	Yellow Paint on CMU Wall Main - NE Corner	A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				

Sampled By: Tyler Faison Date/Time: 1.31.22 Shipped Via: ☒ Fed Ex ☐ UPS ☐ US Mail ☐ Courier ☐ Drop Off ☐ Other:

Relinquished By:	Relinquished By:	Relinquished By:
Date / Time: 2.1.22	Date / Time:	Date / Time:
Received By:	Received By:	Received By:
Date / Time:	Date / Time:	Date / Time:
Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No

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Las Vegas Office: 6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 • Phone: 702/784-0040

SGS FORENSIC LABORATORIES

Final Report

Metals Analysis of Paints

(AIHA-LAP, LLC Accreditation, Lab ID #101762)

FACS - Fresno
Tyler Faison
21228 Cabot Blvd.

Hayward, CA 94545

Client ID: FR09
Report Number: M239356
Date Received: 02/02/22
Date Analyzed: 02/09/22
Date Printed: 02/09/22
First Reported: 02/09/22

Job ID / Site: PJ68496; City of Madera 621 East 4th Street & 16557 Austin Street Madera CA 93637

SGSFL Job ID: FR09

Date(s) Collected: 1/31/22

Total Samples Submitted: 3
Total Samples Analyzed: 3

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
PJ68496-09PB	30900912	Pb	0.065	wt%	0.007	EPA 3050B/7000B
PJ68496-10PB	30900913	Pb	0.25	wt%	0.02	EPA 3050B/7000B
PJ68496-11PB	30900914	Pb	0.013	wt%	0.007	EPA 3050B/7000B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Kevin Poon, Laboratory Analyst, Hayward Laboratory

Note* Sampling data used in this report was provided by the client as noted on the associated chain of custody form.

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

SGS FORENSIC LABORATORIES

Analysis Request Form (COC)

Client Name & Address: FACS Fresno, 371 E. Bullard ave. #109, Fresno, CA 93710
Client No.: FR09
PO / Job#: PJ68496
Date: 05-4-2022
Turn Around Time: Same Day / 1Day / ~~2Day~~ / 3Day / 4Day / 5Day
☐ PCM: ☐ NIOSH 7400A / ☐ NIOSH 7400B ☐ Rotometer
☐ PLM: ☐ Standard / ☐ Point Count 400 - 1000 / ☐ CARB 435
Contact: Tyler Faison
Phone: (559) 436-0277
E-mail: Tfaison@forensicanalytical.com
☐ TEM Air: ☐ AHERA / ☐ Yamate2 / ☐ NIOSH 7402
☐ TEM Bulk: ☐ Quantitotive / ☐ Qualitative / ☐ Chatfield
☐ TEM Water: ☐ Potoble / ☐ Non-Potable / ☐ Weight %
☐ TEM Microvac: ☐ Qual / ☐ D5755(str/area) / ☐ D5756(str/mass)
Site Name: City of Madera
☐ IAQ Particle Identification (PLM LAB) ☐ PLM Opaques/Soot
☐ Particle Identification (TEM LAB) ☐ Special Project
Site Location: 16557 Austin Street, Madera, CA 93638
☒ Metals Analysis Matrix: Solid Method: Flame AA
Analytes: Lead
Comments: **Please also email results to joe.blair@forensicanalytical.com**
☐ Silica in Air ☐ w/Gravimetry ☐ Quartz Only

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
PJ68496 - Pb01	5-4-22	White Paint on Stucco Wall - House 2 Exterior - Southwest Corner	A P C				
PJ68496 - Pb02	5-4-22	Blue Paint on Plaster Wall - House 2 Interior - Bedroom 1 S. Side SR	A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				

Sampled By: Joe Blair Date/Time: 5/4/22 Shipped Via: ☒ Fed Ex ☐ UPS ☐ US Mail ☐ Courier ☐ Drop Off ☐ Other:

Relinquished By:	Relinquished By:	Relinquished By:
Date / Time: 5/4/22 / 1200	Date / Time:	Date / Time:
Received By:	Received By:	Received By:
Date / Time:	Date / Time:	Date / Time:
Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No

SGS Forensic Laboratories may subcontract client samples to other SGSFL locations to meet client requests.
Hayward Office: 3777 Depot Road, Suite 409, Hayward, CA 94545-2761 • Phone: 510/887-8828 • 800/827-3274
Los Angeles Office: 20535 South Belshaw Ave., Carson, CA 90746 • Phone: 310/763-2374 • 888/813-9417
Las Vegas Office: 6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 • Phone: 702/784-0040

RECEIVED
MAY 05 2022
BY: SR FX-82961 11:30

SGS FORENSIC LABORATORIES

Final Report

Metals Analysis of Paints

(AIHA-LAP, LLC Accreditation, Lab ID #101762)

FACS - Fresno
Tyler Faison
21228 Cabot Blvd.

Hayward, CA 94545

Client ID: FR09
Report Number: M241507
Date Received: 05/05/22
Date Analyzed: 05/09/22
Date Printed: 05/09/22
First Reported: 05/09/22

Job ID / Site: PJ68496; City of Madera 621 East 4th Street & 16557 Austin Street Madera CA 93637

SGSFL Job ID: FR09

Date(s) Collected: 5/4/22

Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
PJ68496-PB01	30904925	Pb	0.017	wt%	0.007	EPA 3050B/7000B
PJ68496-PB02	30904926	Pb	0.027	wt%	0.006	EPA 3050B/7000B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Kevin Poon

Kevin Poon, Laboratory Analyst, Hayward Laboratory

Note* Sampling data used in this report was provided by the client as noted on the associated chain of custody form.

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

State of California—Health and Human Services Agency

California Department of Public Health

LEAD HAZARD EVALUATION REPORT

Section 1 — Date of Lead Hazard Evaluation 5-4-22

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

☑ Lead Inspection ☐ Risk assessment ☐ Clearance Inspection ☐ Other (specify) _____

Section 3 — Structure Where Lead Hazard Evaluation Was Conducted

Address [number, street, apartment (if applicable)]	City	County	Zip Code
16557 Austin Street	Madera	Madera	93638

Construction date (year) of structure	Type of structure	Children living in structure?
Unknown	☐ Multi-unit building ☐ School or daycare ☑ Single family dwelling ☐ Other_____	☐ Yes ☑ No ☐ Don't Know

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

Name	Telephone number
City of Madera / Jennifer Stickman	559-661-5463

Address [number, street, apartment (if applicable)]	City	State	Zip Code
205 West 4th Street	Madera	CA	93637

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	Telephone number
Chris Chipponeri	559-436-0277

Address [number, street, apartment (if applicable)]	City	State	Zip Code
371 E. Bullard Avenue	Fresno	CA	93710

CDPH certification number	Signature	Date
LRC-00000782		05/10/22

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

Joe Blair LRC-00008673

Section 7 — Attachments

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

First copy and attachments retained by inspector

Second copy and attachments retained by owner

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

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

CDPH 8552 (6/07)

Appendix C

Site Photos and Sample Location Drawings

Site Location

Shed

Composition Shingle Roofing

Linoleum & Mastic - Brown

Drywall Main House

Shed Rubble

Stucco – House Two

Plaster – House Two

Rolled Composition Roofing – House Two

Penetration Mastic – Grey – House Two

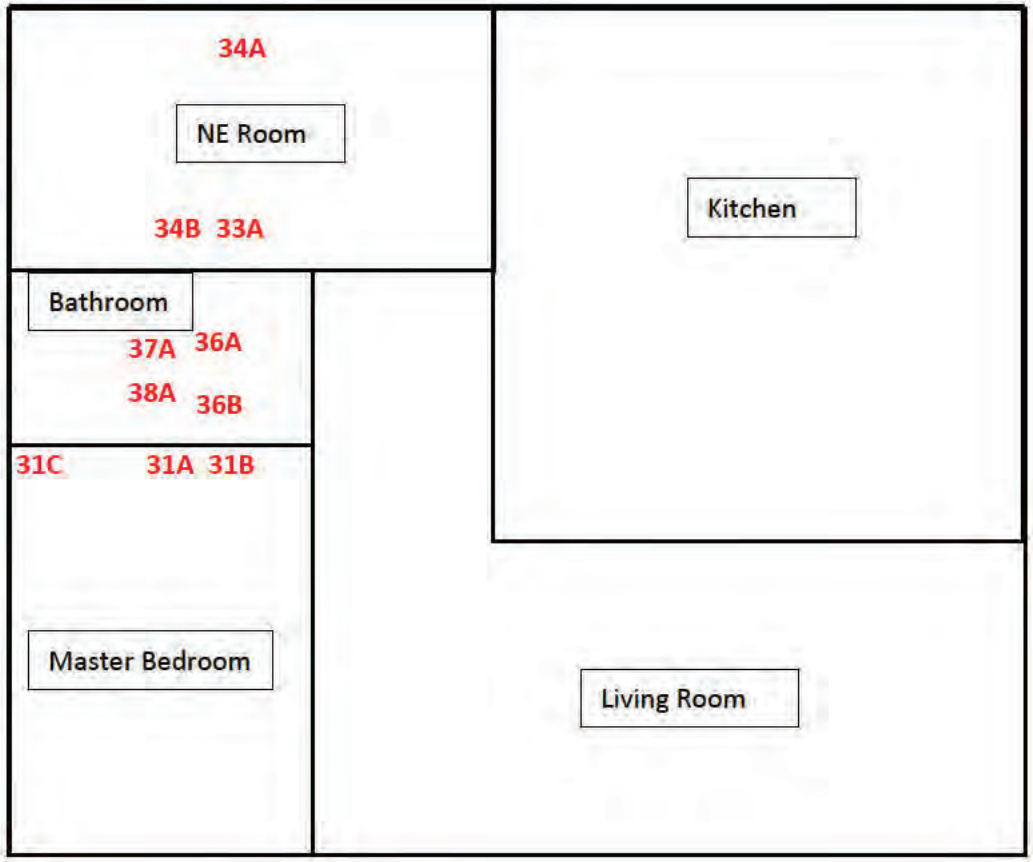
FACS

Forensic Analytical Consulting Services

MAP WITH ASSOCIATED SAMPLE LOCATIONS

Site Name:	City of Madera – 16557 Austin Street
Address:	16557 Austin Street, Madera, CA
Date:	01-31-22

N



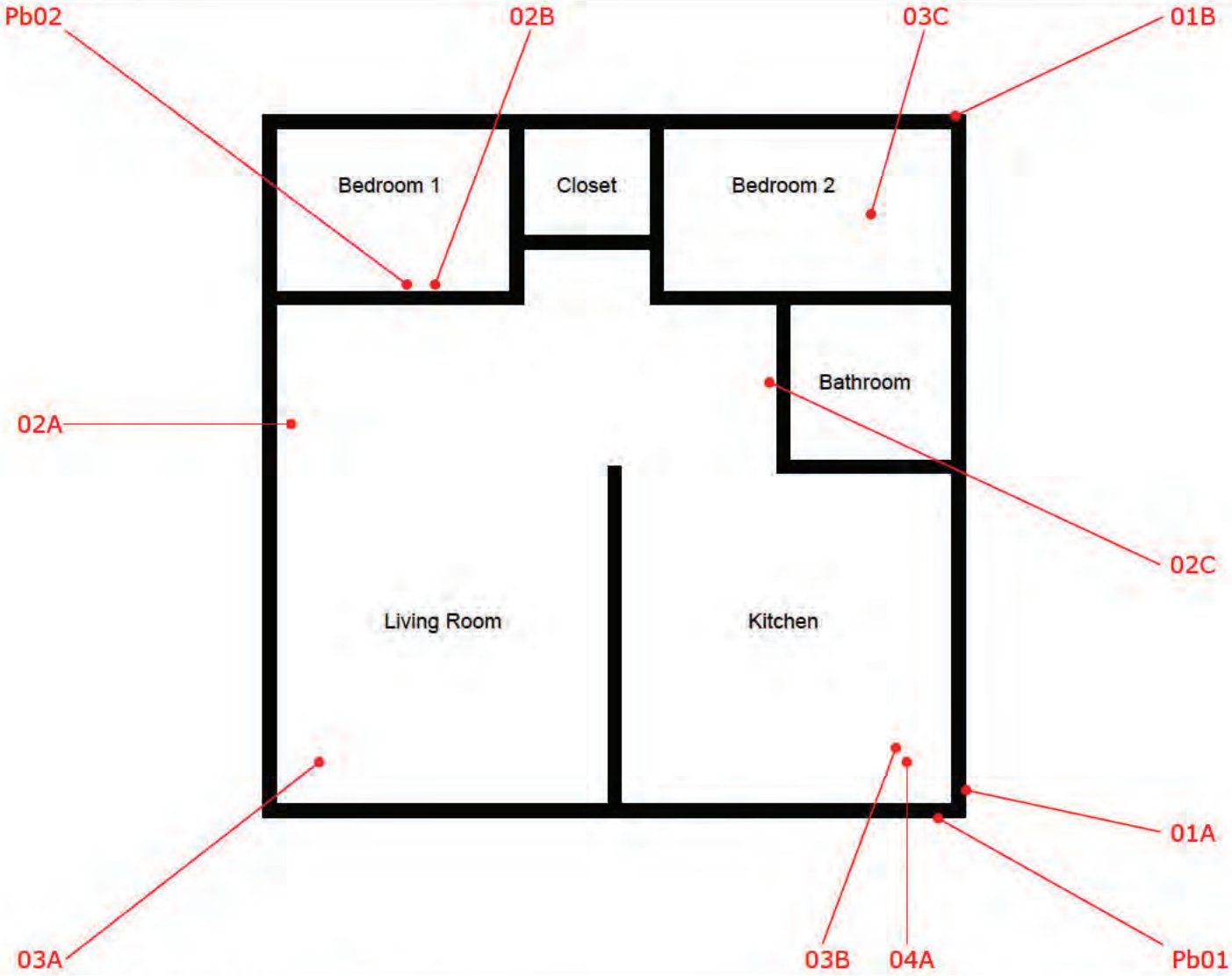
FACS

Forensic Analytical Consulting Services

MAP WITH ASSOCIATED SAMPLE LOCATIONS

Site Name:	City of Madera – 16557 Austin Street
Address:	16557 Austin Street, Madera, CA
Date:	01-31-22

N



FACS 135
Forensic Analytical Consulting Services

371 E Bullard Ave Suite #109
Fresno, CA 93710

N

Sample Location
01A

House 2 -
Site Assessment

City of Madera

Joe Blair

LOCATION:
16557 Austin Street, ,
Madera, CA 93638

FACS PROJECT No.:
PJ68496

Appendix D

Certifications of Personnel and Laboratories

STATE OF CALIFORNIA — Gavin Newsom, Governor

DEPARTMENT OF INDUSTRIAL RELATIONS
Division of Occupational Safety and Health
Asbestos Certification & Training Unit
1750 Howe Avenue, Suite 460
Sacramento, CA 95825
(916) 574-2993 Office http://www.dir.ca.gov/dosh/asbestos.html actu@dir.ca.gov

008186824C **461** **463**

February 01, 2022

Tyler J Faison
[redacted]

Dear Certified Asbestos Consultant or Technician:

Congratulations, you have passed your certification examination!

Enclosed is your certification card. **To maintain your certification, please abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card in accordance with Title 8, California Code of Regulations, Division 1, Chapter 3.2, Article 2.6, Section 341.15(h) (1).

Please keep and do not send copies of your required AHERA refresher renewal certificates to the Division until you apply for renewal of your certification.

Please submit via U.S. Postal Service or other carrier, of any changes in your mailing or work address within 15 days of the change.

Sincerely,

Jeff Ferrell
Senior Safety Engineer

Attachment: Certification Card

cc: File

Passed Exam – Card Attached, 10/2020

Forensic Analytical Consulting Services, Inc.

This is to confirm that

Tyler Faison

Has attended the four-hour

AHERA Refresher Course for Asbestos Inspectors

And has completed the requisite training and passed the exam for

asbestos accreditation under TSCA Title II

September 10, 2021

Certificate Number: FACSBIR1142

Valid Until: September 10, 2022

Cal/OSHA Approval Number: CA-025-06

FACS
Forensic Analytical Consulting Services

David B. McGrath, Corporate Training Director
Forensic Analytical Consulting Services,Inc.
21228 Cabot Blvd, Hayward, CA 94545
(800) 677-1483

California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
	Lead Inspector/Assessor	LRC-00002454	8/13/2022
	Lead Project Monitor	LRC-00002383	12/26/2021

Tyler Faison

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD.

STATE OF CALIFORNIA — Gavin Newsom, Governor

DEPARTMENT OF INDUSTRIAL RELATIONS
Division of Occupational Safety and Health
Asbestos Certification & Training Unit
1750 Howe Avenue, Suite 460
Sacramento, CA 95825
(916) 574-2993 Office http://www.dir.ca.gov/dosh/asbestos.html acru@dir.ca.gov

811016387T 441 443

Forensic Analytical Consulting Services February 16, 2022
Noel Amirkhanian
[redacted]

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, you must abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification.

Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as an asbestos consultant or site surveillance technician.

Please notify our office via U.S. Postal Service or other carrier of any changes in your mailing or work address within 15 days of the change.

Sincerely,

Jeff Ferrell
Senior Safety Engineer

Attachment: Certification Card

cc: File

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

Noel Amirkhanian
Name
Certification No. **18-6387**
Expires on **02/13/23**

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.

Renewal – Card Attached (Revised 06/2020)

Forensic Analytical Consulting Services, Inc.

This is to confirm that

Noel Amirkhanian

Has attended the four-hour

AHERA Refresher Course for Asbestos Inspectors

And has completed the requisite training and passed the exam for

asbestos accreditation under TSCA Title II

September 10, 2021

Certificate Number: FACSBIR1138

Valid Until: September 10, 2022

Cal/OSHA Approval Number: CA-025-06

FACS
Forensic Analytical Consulting Services

David B. McGrath, Corporate Training Director
Forensic Analytical Consulting Services,Inc.
21228 Cabot Blvd, Hayward, CA 94545
(800) 677-1483

California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
 **Noel Amirkhanian**	Lead Sampling Technician	LRC-00003977	11/25/2022

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD

STATE OF CALIFORNIA Gavin Newsom, Governor

DEPARTMENT OF INDUSTRIAL RELATIONS
Division of Occupational Safety and Health
Asbestos Certification & Training Unit
1750 Howe Avenue, Suite 460
Sacramento, CA 95825
(916) 574-2993 Office http://www.dir.ca.gov/dosh/asbestos.html actu@dir.ca.gov

110076955T **461**

Forensic Analytical Consulting Services, Inc. **December 15, 2021**
Joseph T Blair
[redacted]

Dear Certified Asbestos Consultant or Technician:

Congratulations, you have passed your certification examination!

Enclosed is your certification card. **To maintain your certification, please abide by the rules printed on the back of the certification card**.

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card in accordance with Title 8, California Code of Regulations, Division 1, Chapter 3.2, Article 2.6, Section 341.15(h) (1).

Please keep and do not send copies of your required AHERA refresher renewal certificates to the Division until you apply for renewal of your certification.

Please submit via U.S. Postal Service or other carrier, of any changes in your mailing or work address within 15 days of the change.

Sincerely,

Jeff Ferrell
Senior Safety Engineer

Attachment: Certification Card

cc: File


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

Joseph T Blair
Name

Certification No. **11-6955**

Expires on **11/19/22**

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

Passed Exam – Card Attached 10/2020

Forensic Analytical Consulting Services, Inc.

This is to confirm that

Joe T. Blair

Has attended the four-hour

AHERA Refresher Course for Asbestos Inspectors

And has completed the requisite training and passed the exam for

asbestos accreditation under TSCA Title II

September 10, 2021

Certificate Number: FACSBIR1139

Valid Until: September 10, 2022

Cal/OSHA Approval Number: CA-025-06

FACS
Forensic Analytical Consulting Services

David B. McGrath, Corporate Training Director
Forensic Analytical Consulting Services,Inc.
21228 Cabot Blvd, Hayward, CA 94545
(800) 677-1483

California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
 **Joseph Blair**	Lead Sampling Technician	LRC-00008673	4/30/2023

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD

National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SGS Forensic Laboratories
3777 Depot Road, Suite 409
Hayward, CA 94545-2761
Mr. Steven Takahashi
Phone: 310-294-4365 Fax: 310-764-1136
Email: steven.takahashi@sgs.com
http://www.falaboratories.com

ASBESTOS FIBER ANALYSIS — NVLAP LAB CODE 101459-0

Bulk Asbestos Analysis

Code	*Description*
18/A01	EPA -- 40 CFR 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.

For the National Voluntary Laboratory Accreditation Program

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101459-0

SGS Forensic Laboratories

Hayward, 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 17025:2017. 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).

2021-07-01 through 2022-06-30

Effective Dates

For the National Voluntary Laboratory Accreditation Program

AIHA Laboratory Accreditation Programs, LLC

acknowledges that

SGS Forensic Laboratories

3777 Depot Rd, Suite 409, Hayward, CA 94545-2761

Laboratory ID: LAP-101762

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2017 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

☑	**INDUSTRIAL HYGIENE**	Accreditation Expires: February 01, 2023
☑	**ENVIRONMENTAL LEAD**	Accreditation Expires: February 01, 2023
☑	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires: February 01, 2023
☐	**FOOD**	Accreditation Expires:
☐	**UNIQUE SCOPES**	Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2017 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Cheryl O. Morton

Cheryl O Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision19: 09/01/2020

Date Issued: 02/01/2021

Right People

Right Perspective

Right Now

www.forensicanalytical.com

16557 AUSTIN

MADERA COUNTY
DEPARTMENT OF ENGINEERING AND GENERAL SERVICES - DIVISION OF BUILDING AND SAFETY
135 W. YOSEMITE AVE., MADERA, CA. 93637 - TELE.: 674-4641 EXT. 272

PRIVATE SEWAGE DISPOSAL SYSTEM APPLICATION SHEET

NAME OF APPLICANT Jal Pandit PHONE _____

MAILING ADDRESS _____

JOB ADDRESS 16557 Austin Street

CONTRACTOR'S NAME Espinoza Septic Service PHONE 673-1121

THIS SECTION TO BE FILLED OUT BY THE HEALTH DEPARTMENT

SOIL TYPE Loam DEPTH TO WATER TABLE _____

BEDROOMS 3 FIXTURE UNITS _____ WATER SUPPLY SOURCE Private Well

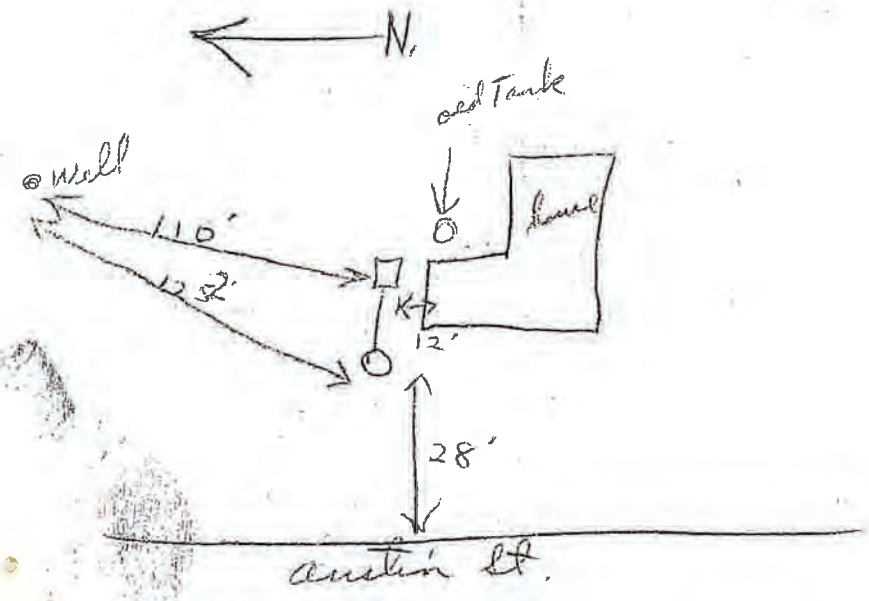
IS THIS AN EXISTING SYSTEM? YES X NO ___. DESCRIBE REPAIRS IF EXISTING. ___

Install new system - leachfield old
wooden septic tank

SEPTIC TANK	AEROBIC UNIT	DISPOSAL FIELD	SEEPAGE PIT
SIZE 1500 GALS.	MFG.	TOTAL AREA	NUMBER 1
PRECAST CONC.	MODEL NO.	TRENCH WIDTH	DIAM. 4'-6" ±
POURED CONC.	SIZE	TOTAL LENGTH	DEPTH 12' feet
FIBERGLASS		NO. OF LINES	
MFG.		ROCK BELOW LINE	

HEALTH DEPT. APPROVAL [signature] 11-14-87

PLOT PLAN (Show street, nearest intersection & distances from buildings & property lines.)



16597 AUSTIN

16597 Austin

PERMIT #: 15331
FEE: $60.00
DATE: 5-24-88

MADERA COUNTY
ENVIRONMENTAL HEALTH
135 W. Yosemite Avenue, Madera, CA 93637 (209)675-7823

SCANNED date JH 6/25/10

5/24/88

5/12/2022

WELL/SEWAGE SYSTEM APPLICATION

NAME OF APPLICANT Mildred Frank PHONE

MAILING ADDRESS 1816 West 5th JOB ADDRESS 16597 Austin

CONTRACTOR'S NAME Elmer Horsell PHONE 673-0331 APN#

Sewage System

Soil Type
Bedrooms
Fixture Units
Water Supply Source
New
Repair XX

SEPTIC TANK	AEROBIC UNIT
Size	MFG
Gallons	Model#
Precast Conc	Size
Poured Conc	
Fiberglass	
MFG	

DISPOSAL FIELD	SEEPAGE PIT
Absorption	Number
Trench -	Diameter
Width	Depth
Length	
Number	
Rock Below Line	

Water Well

Intended Use: Domestic; Agricultural; Industrial; Community

Type of Work: New Well; Reconstruction; Repair; Destruction

Construction Information

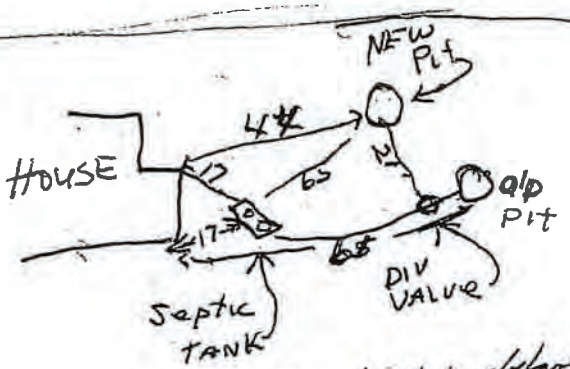
Type of Well
Cable tool Rotary Gravel Pack
Hardrock Other
Casing Diameter Causing Gauge
Casing Material
Annular Seal Material Seal Depth
Comments

PERMIT VALID WHEN NUMBER IS ASSIGNED

Permit not valid after six months

PLOT PLAN – Show street, nearest intersection, distances from buildings and property lines, location of septic tanks, leach fields, pits, buildings, and contamination sources.

owell



Left note to Add
vised to D-value

Pit 24ft to
Flow some
Sand on Bottom

Louise from (E.H. backhoe)
Co. says all wells 150ft +

Original: Env.Health
Yellow: Engineering
Pink: Permit
Goldenrod: Applicant

Permit Approved Ruben R Medina Date 5/24/88
Inspection Date 5/25/88

16597 AUSTIN

Sewage System (As Built)

Job Address 16597 Austin

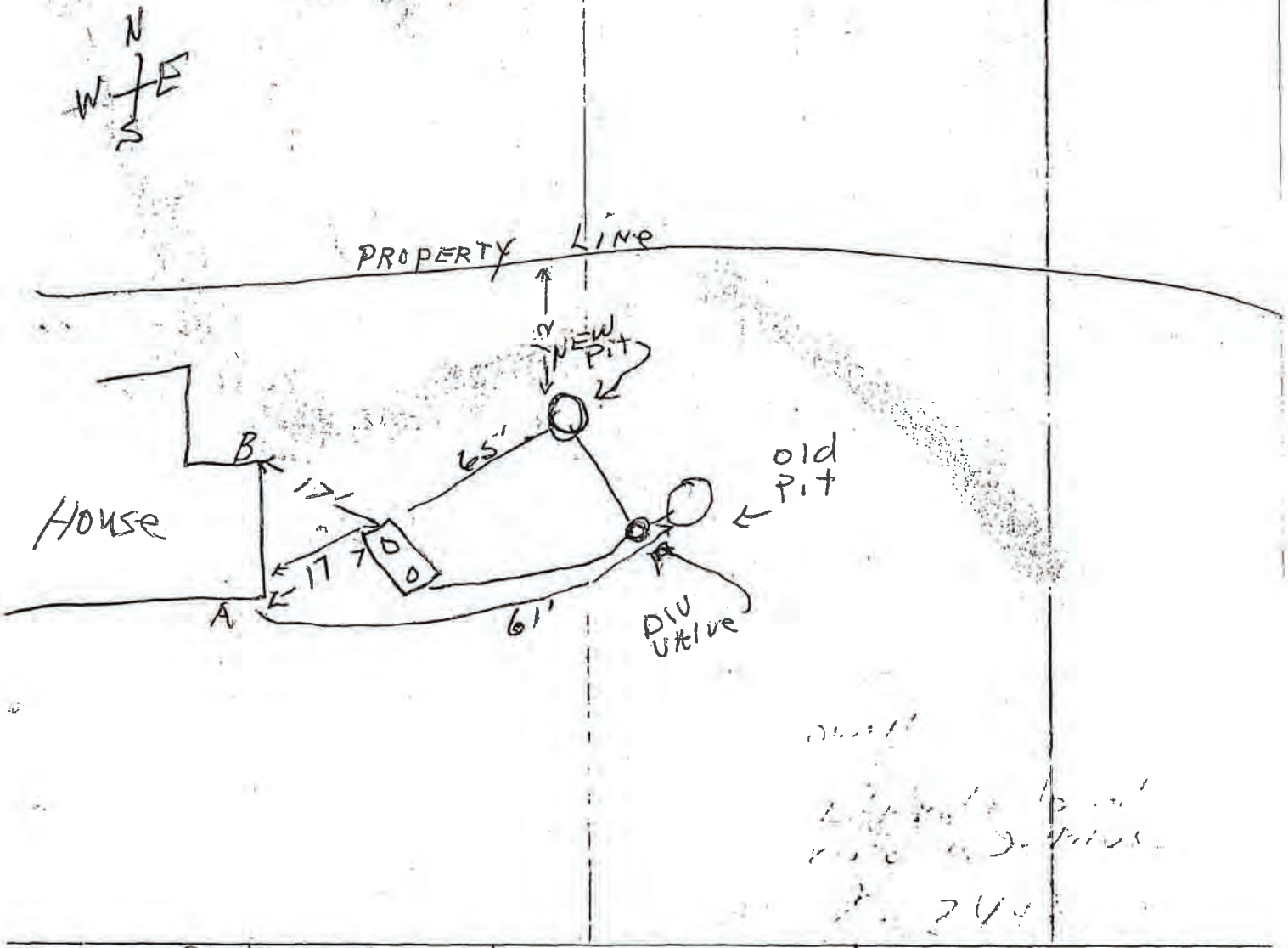
Owner Mildred Frank A.P.N. #

Installer Elmer Harrell Date 5/29/80

5/12/2022

Corners of building are the two (A)(B) reference points.
(if not available other permanent markers property stake, tree, boulder)

Sketch of System Distance from streets, wells, draws, creeks, property lines



Distance from	to tank solids lid	to diverter valve ☐ box ☐	to inspection port on pit
A	17'	56'	old Pit 61' NEW Pit 65'
B	17'	52'	old Pit 57' NEW Pit 44'
C			
D			
E			

16597 AUSTIN

16597 Austin Rd

PERMIT IS VALID ONLY WHEN SIGNED & PERMIT # ISSUED

RESOURCE MANAGEMENT AGENCY...

Environmental Health Department SCANNED
2037 Cleveland, Madera, CA 93638-3502 Date 7-07-08
(559) 661-6333 FAX (559) 675-7919

ONSITE #	PERMIT # 1009206
FEE	DEP 205.00
DATE	DATE 7-3-08
CHECK#	CHECK# CASH

SEWAGE SYSTEM CONSTRUCTION PERMIT

152722

PROPERTY OWNER (S) THAKOR PANDIT PHONE

MAILING ADDRESS 5077 WOOD BRIAR CT PARCEL MAP#

JOB ADDRESS 16597 AUSTIAN ST APN# 038-030-027 LOT #

CONTRACTOR'S NAME Big Bone Drillin PHONE 264-4601

LICENSE TYPE: C42 LICENSE # 579423

Site Review Inspector: Test Holes Performed by:

Date

GENERAL INFORMATION

Soil Description: Brown # Bedrooms 2

Installation: New (Repair)

____ System Will/May Require Pumping Via Approved Sump Unit.

Location: Mountain (Valley) (Residential) Commercial

Water Supply Source: Ind. Domestic (Domestic) Community

SEPTIC TANK

Size: ____ Gallons

Precast Concrete: ____

Other: ____

Manufactured by: ____

Model #: ____

SEEPAGE PIT (S)

New Pits: 1 Diameter: 36" (48")

Existing Pits ____

Other: ____

Depth 30 Ft. to Flow with minimum 10 feet plus of good soil

☒ Concrete Brick Lined ☐ Rock Filled

LEACH LINE (S)

Absorption Area: ____ SqFt. Rock: ____ Tons

New Lines ____ Rock Below Pipe: ____

Trench Width: ____ Inches Total Length ____ Feet

Existing Leach Lines#: ____

Approved Chamber Units Allowed? Yes No

Units: ____ #Lines ____ MFG: ____ Type: ____

Note: Chamber Units Must Not Be Installed In Clay Soils.

THE CONTRACTOR SHALL PROVIDE A SEWAGE AS BUILT TO EHD PRIOR TO SYSTEM FINAL APPROVAL.

AEROBIC UNIT

Note: Must Install County Approval Unit.

MFG ____

Model #: ____

• SEE REVERSE FOR SEPTIC SYSTEM SETBACKS

☐ Setback variances requested and obtained.

____ Initial

This permit is valid only for the property owner of the proposed septic system, and is non-transferrable. Any other movement of soil on this parcel may be subject to grading permit requirements issued by the Madera County Engineering Department, phone (559) 675-7817.

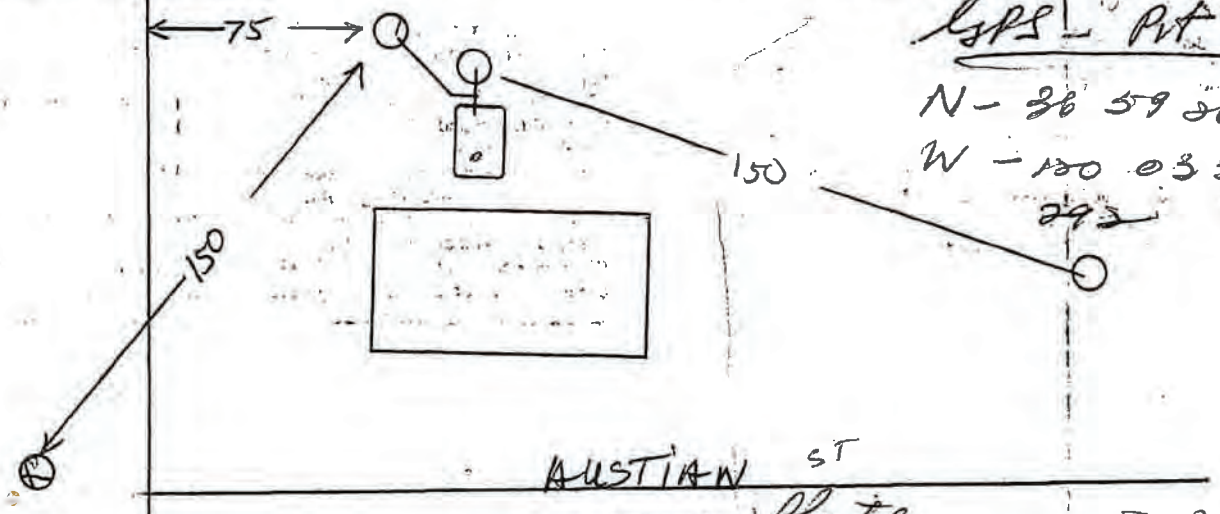
- Maintain ALL County Setbacks
- Do Not cut, grade or fill in Septic Area unless specified on this permit.
- Unauthorized changes to the permit WILL RENDER IT VOID
- If rock, clay, or water encountered during system installation immediately call for a re-evaluation.

U S H U D FLOOD HAZARD ZONE "A" FORM

ATTACHED. ☐ O K. ☐

BY ____ DATE ____

PLOT PLAN -- For subject parcel and all affected adjacent lands, show street, nearest intersection, buildings, distances from buildings and property lines, easements, right of ways, all existing wells proposed sewage system components as well as potential sensitive receptors.



GPS - Pit
N - 36 59 36.6
W - 120 03 33.9
293

Permit Approved: Date 7-3-08

Inspection: Date 7-7-08

Original: Env. Health
Yellow:: Assessor
Pink: Permit
Goldenrod: Applicant

THIS PERMIT SHALL EXPIRE BY LIMITATION AND BECOME NULL AND VOID IF THE WORK IS NOT COMMENCED OR IF NO INSPECTIONS ARE CALLED FOR WITHIN 180

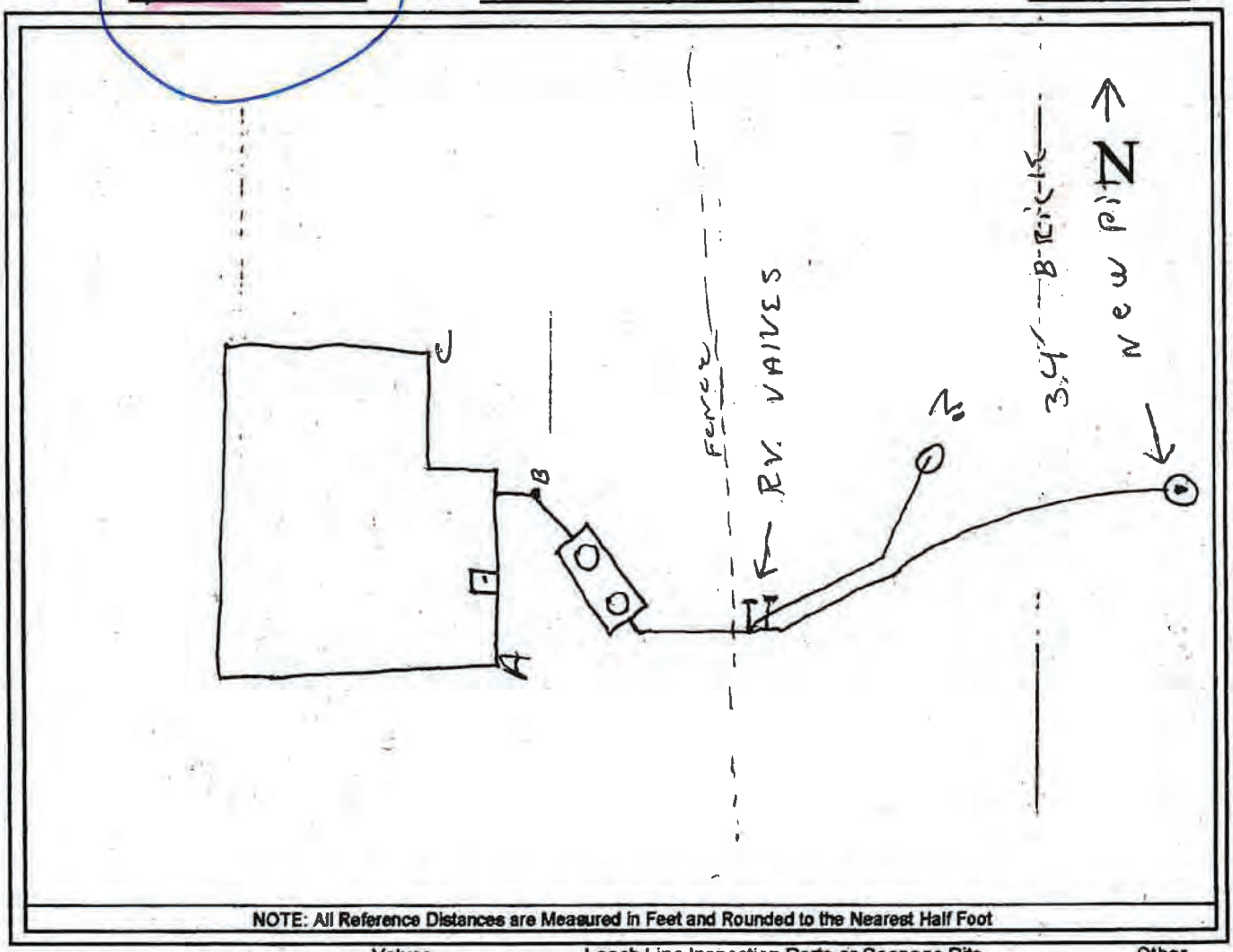
16597 AUSTIN

BIG BORE DRILLING INC

CERTIFIED CESSPOOL COMPANY

1522 W. Pine Street - Fresno, CA 93728
PH 559-264-4601 FAX 559-264-2313

JOB ADDRESS 16597 AUSTIN
OWNER
DATE 7-3-08 APN # NEW PIT- OUR JOB#



NOTE: All Reference Distances are Measured in Feet and Rounded to the Nearest Half Foot

Reference To-	Tank/Solids	Valves V1	Valves V2	Leach Line Inspection Ports or Seepage Pits 1	2	3	4	5	Other
A	16'	33	33	81					
B Cleanout	10'	29	29	73					
C	31	50	50	90					
D									
E									
F									
W Well									