Appendix L

Asbestos and Lead-Containing Materials Demolition Survey Report

ASBESTOS AND LEAD-CONTAINING MATERIALS DEMOLITION SURVEY REPORT

SUBJECT PROPERTY:

AZUSA GREENS COUNTRY CLUB
919 SIERRA MADRE AVENUE
AZUSA, CALIFORNIA 91702

PREPARED FOR:

OVERTON MOORE PROPERTIES
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TORRANCE, CALIFORNIA 90502

PREPARED BY:

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PROJECT NO. 108916-AS, XRF

SURVEY DATE: FEBRUARY 16-17, 2023
REPORT DATE: MARCH 2, 2023

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ATTACHMENTS

1.0 EXECUTIVE SUMMARY

Titan Environmental Solutions, Inc. (TES) was retained by Overton Moore Properties, Chief Information Officer (CIO), Pete Cassiano, (Client) to perform an asbestos and lead-containing materials demolition survey of the property, located at 919 Sierra Madre Avenue, Azusa, California 91702 (Subject Property).

The sampling included all accessible building/areas of the interior, exterior and roof within the project area at the Subject Property. The asbestos and lead-containing materials survey was conducted in accordance with a mutually agreed upon proposal and scope of work.

The asbestos and lead-containing materials survey was conducted on February 16th-17th, 2023, by Mark Hoffman, California Division of Occupational Safety and Health (DOSH/Cal-OSHA) Certified Site Surveillance Technician (CSST No. 19-6613) and State of California Department of Public Health (CDPH) Certified Lead-Related Construction (LRC) Sampling Technician (LRCST) (No. LRC-00002790), and Monica Robles CDPH Certified LRCST (No. LRC-00009833). The survey was performed under the general direction of Robert Menald, DOSH/Cal-OSHA Certified Asbestos Consultant (CAC No. 08-4323) and CDPH Certified LRC Inspector/Assessor (LRCIA) (No. LRC-00005260). The report was reviewed by Ibrahim M. Sobeih, DOSH/Cal-OSHA (CAC No. 06-4078) and Certified Industrial Hygienist (CIH) in the Comprehensive Practice by the American Board of Industrial Hygiene (ABIH Certificate No. 5628CP).

The following summarizes the sampling and findings:

Asbestos

- The asbestos survey was performed in accordance with the Environmental Protection Agency's (EPA's) National Emissions Standard for Hazardous Air Pollutants (NESHAP) asbestos regulations protocol for sample collection for demolition/renovation surveys and South Coast Air Quality Management District's (SCAQMD) Rule 1403, and sample analysis in accordance with EPA's "Method for the Determination of Asbestos in Bulk Building Materials" (EPA 600-R-93-116).
- TES collected a total of one-hundred seventy-three (173) bulk samples of suspect Asbestos Containing Materials / Asbestos Containing Construction Materials (ACMs/ACCMs) representing fifty-one (51) identified homogenous areas in the survey area of the Subject Property, which were analyzed for asbestos content via Polarized Light Microscopy (PLM) visual estimation method.
- Material quantities provided in this report are for information purposes exclusively, and are not intended to be the basis of a contractor's bid for removal or abatement. Contractors are required to field verify materials and quantities for the purposes of bidding on contracted work.
- Asbestos was detected in the following materials in the survey area.

Table 1-1: Identified ACMs

HA No.	Sample No.	Sample Locations	Material Description	Class.	Material Location(s)*	Friable/ Non-Friable	Condition (G, D, SD)	Estimated Quantity*	Asbestos Analytical Results	SCAQMD Cat.
01	0216-01-01 0216-01-02 0216-01-03	NW End of Roof, SE End of Roof, SW End of Roof	Black Roof Penetration Mastic	Misc.	Roof	NF	G	20 SF	5% Chrysotile	Class I ACM
17	0216-17-55 0216-17-56 0216-17-57	SW End of Attic, SW End of Attic, SW End of Attic	Black HVAC Junction Mastic	Misc.	Attic	NF	G	2 SF	5% Chrysotile	Class I ACM
42	0216-42-144 0216-42-145 0216-42-146	W End of Floor of Bathroom 1, W End of Floor of Bathroom 1, W End of Floor of Bathroom 1	Tan Linoleum Floor (Hexagon Pattern)	Misc.	Bathroom 1	F	G	60 SF	70% Chrysotile (Fibrous Backing) ND (Sheet Flooring, Mastic)	FACM
43	0216-43-147 0216-43-148 0216-43-149	SE End of Floor of Bathroom 3, W End of Floor of Kitchen 3, NW End of Floor of Kitchen 2	Tan Linoleum Floor	Misc.	Bathroom 3, Kitchen 2 and Kitchen 3	F	G	150 SF	70% Chrysotile (Fibrous Backing) ND (Sheet Flooring, Mastic)	FACM

Legend:

HA = Homogenous Area
N = North, E = East, W = West, S = South, SF = Square Feet, LF = Linear Feet, ND = None Detected
Classification (Class.): Misc. = Miscellaneous, Surf. = Surfacing, TSI = Thermal System Insulation
Condition: G = Good, D = Damaged, SD = Significantly Damaged
Categories (Cat.):

- Cal/OSHA: ACCM = Asbestos Containing Construction Materials, ACM = Asbestos Containing Materials,
- NESHAP: Cat I = Category I Non-friable ACM, Cat II = Category II Non-friable ACM, RACM = Regulated Asbestos Containing Material
- SCAQMD: Class I = Class I Non-friable ACM, Class II = Class II Non-friable ACM, FACM = Friable Asbestos Containing Material

*Locations and quantities are estimates based on accessible materials located in the survey area only. Additional locations and quantities may be present at the Subject Property.

**In accordance to 40 CFR 61.141 and US EPA Applicability Determination Index Control Number: C112, if the amount by visual estimation appears to be less than 10 percent, the owner or operator may (1) assume the amount to be greater than 1 percent and treat the materials asbestos-containing material, or (2) require verification of the amount by point counting. If a result obtained by point count is different from a result obtained by visual estimation, the point count result will be used.

Please note the Certified Asbestos Consultant will assume any material that is <1% analyzed via PLM and not verified by point count as an Asbestos Containing Material (ACM).

Lead

- TES performed X-Ray Fluorescence (XRF) Analyzer testing of two-hundred sixty-one (261) surfaces painted/coated with suspect lead-based paints and/or lead-containing materials (LBPs/LCMs) in the survey area of the Subject Property.

- For the purpose of this lead survey, any material containing any detectable level of lead is subject to OSHA's Lead Exposure in Construction Rule Title 29, Code of Federal Regulations, Part 1926, Section 62 (29 CFR 1926.62) and Title 8, California Code of Regulations, Section 1532.1 (8 CCR 1532.1).

- LCMs/LBPs were identified in the following tested surfaces in the survey area.

Table 1-2: Identified LCMs/LBPs

Reading	Room / Location*	Side[1]	Structure	Condition[2]	Substrate	Color	Lead Concentration (mg/cm^2)	Classification[3]
14	Roof	S	Condenser	I	Metal	White	0.01	LCM
17	Roof	S	Condenser	I	Metal	White	0.01	LCM
18	Reception	S	Wall	I	Wood	Tan	0.14	LCM
24	Reception	N	Cabinet	I	Wood	Dark Brown	0.19	LCM
52	Dining Area 1 / Dining Area 2	N	Vent	I	Metal	Tan	0.03	LCM
62	Women's Restroom	N	Drain Hole	I	Metal	Dark Gray	29.8	LBP
65	Women's Restroom	N	Wall	I	2'x4' Ceramic Tile	Tan	4.4	LBP
69	Women's Restroom	W	Toilet	I	Porcelain	White	0.02	LCM
70	Women's Restroom	W	Sink	I	Porcelain	White	0.08	LCM
77	Men's Restroom	N	Drain Hole	I	Metal	Dark Gray	19.1	LBP
78	Men's Restroom	E	Wall	I	12"x12" Ceramic Tile	Tan	0.01	LCM
79	Men's Restroom	E	Wall	I	24"X24" Ceramic Tile	Tan	0.01	LCM
80	Men's Restroom	N	Wall	I	2'x4' Ceramic Tile	Tan	5.6	LBP
85	Men's Restroom	E	Sink	I	Porcelain	White	0.01	LCM
104	Bar / Kitchen	W	Wall	I	Ceramic	White	9.5	LBP
105	Bar / Kitchen	N	Wall	I	Ceramic	Orange	0.5	LCM
106	Bar / Kitchen	N	Electrical Panel	I	Metal	Red	0.30	LCM
107	Bar / Kitchen	E	Cabinet	I	Metal	Orange	0.9	LBP
109	Bar / Kitchen	W	Drain Hole	I	Metal	White	1.3	LBP
110	Bar / Kitchen	W	Drain Hole	I	Metal	Black	0.6	LCM
111	Bar / Kitchen	E	Countertop	I	Wood	Brown	0.01	LCM
112	Bar / Kitchen	E	Cabinet	I	Wood	Black / Brown	0.26	LCM
138	Back Kitchen / Main Kitchen	N	Wall	I	Ceramic	Yellow	9.9	LBP
140	Back Kitchen / Main Kitchen	W	Wall	I	Ceramic	Yellow	9.9	LBP
141	Back Kitchen / Main Kitchen	S	Wall	I	Ceramic	Yellow	9.9	LBP
142	Back Kitchen / Main Kitchen	S	Drain Hole	I	Metal	Dark Gray	9.9	LBP
148	Restroom	N	Wall	I	Ceramic	White	9.9	LBP
149	Restroom	W	Wall	I	Drywall	White	0.2	LCM
156	Bungalow 1	N	Wall	I	Drywall	White	0.1	LCM
157	Bungalow 1	N	Baseboard	I	Wood	White	0.1	LCM
158	Bungalow 1	N	Ceiling	I	Drywall	White	0.1	LCM
161	Bungalow 1	E	Door Frame	I	Wood	White	0.1	LCM
162	Bungalow 1 Closet Area	N	Wall	I	Drywall	White	0.1	LCM
163	Bungalow 1 Closet Area	N	Baseboard	I	Wood	White	0.1	LCM
170	Bungalow 2	N	Wall	I	Drywall	White	0.2	LCM
171	Bungalow 2	N	Baseboard	I	Wood	White	0.2	LCM

Table 1-2: Identified LCMs/LBPs

Reading	Room / Location*	Side[1]	Structure	Condition[2]	Substrate	Color	Lead Concentration (mg/cm^2)	Classification[3]
173	Bungalow 2	N	Ceiling	I	Drywall	White	0.1	LCM
177	Bungalow 2 Kitchen	S	Door Frame	I	Wood	White	0.1	LCM
181	Bungalow 2 Bathroom 2	E	Wall	I	Drywall	White	0.1	LCM
182	Bungalow 2 Bathroom 2	E	Baseboard	I	Wood	White	0.1	LCM
183	Bungalow 3	N	Wall	I	Drywall	White	0.2	LCM
184	Bungalow 3	N	Baseboard	I	Wood	White	0.2	LCM
187	Room 1	S	Wall	I	Drywall	White	0.1	LCM
188	Room 1	N	Baseboard	I	Wood	White	0.2	LCM
189	Room 1	N	Door Frame	I	Wood	White	0.1	LCM
191	Room 2	N	Wall	I	Drywall	White	0.1	LCM
192	Room 2	N	Baseboard	I	Wood	White	0.1	LCM
198	Kitchen	S	Door Frame	I	Wood	White	0.1	LCM
199	Kitchen	W	Electrical Panel	I	Metal	Dark Blue	0.3	LCM
202	Bathroom	S	Baseboard	I	Wood	White	0.1	LCM
210	Office	W	Baluster	I	Wood	Dark Brown	0.2	LCM
212	Office	W	Handrail	I	Metal	Black	0.3	LCM
213	Office	S	Baseboard	I	Wood	Shellac	0.2	LCM
214	Office	W	Door Frame	I	Wood	White	0.1	LCM
215	Office	W	Door	I	Wood	Shellac	0.1	LCM
216	Bungalow 4	N	Baseboard	I	Wood	Shellac	0.2	LCM
221	Closet	N	Ceiling	I	Drywall	White	0.1	LCM
222	Closet	E	Baseboard	I	Wood	Shellac	0.1	LCM
223	Closet	S	Door Frame	I	Wood	White	0.1	LCM
224	Bathroom	N	Wall	I	Ceramic	Orange	0.5	LCM
225	Bathroom	N	Wall	I	Ceramic	White	9.9	LBP
229	Bathroom	S	Countertop	I	Ceramic	White	9.9	LBP
230	Bathroom	S	Sink	I	Porcelain	White	9.9	LBP
231	Bathroom	S	Shower Wall	I	Ceramic	Orange	0.3	LCM
232	Exterior	N	Handrail	I	Metal	Tan	0.3	LCM
233	Exterior	W	Handrail	I	Metal	Tan	0.3	LCM
241	Exterior	N	Hose Holder	I	Metal	Black	0.1	LCM
242	Exterior	E	Gutter	I	Metal	Green	0.3	LCM
243	Exterior	E	Roof Cap Flashing	I	Metal	Green	0.3	LCM
244	Exterior	E	Beam	I	Wood	Green	0.3	LCM
248	Exterior	W	Door	I	Wood	Off-White	0.1	LCM
249	Exterior	W	Door Frame	I	Wood	Off-White	0.1	LCM
252	Exterior	W	Electrical Panel	I	Metal	Tan	0.2	LCM
253	Exterior	W	Downspout	I	Metal	Off-White	0.1	LCM

Table 1-2: Identified LCMs/LBPs

Reading	Room / Location*	Side[1]	Structure	Condition[2]	Substrate	Color	Lead Concentration (mg/cm^2)	Classification[3]
254	Exterior	W	Gutter	I	Metal	Off-White	0.1	LCM
262	Exterior	S	Door Frame	I	Metal	Tan	0.3	LCM
263	Exterior	S	Conduit	I	Metal	Tan	0.5	LCM
265	Exterior	E	Pillar	I	Wood	Green	0.1	LCM
268	Exterior	NW	Pillar	I	Wood	Green	0.1	LCM
270	Exterior	N	Door	I	Metal	Dark Blue	0.3	LCM
271	Exterior	N	Door Jamb	I	Metal	Dark Blue	0.3	LCM
272	Exterior	N	Door	I	Metal	Dark Blue	0.2	LCM
273	Exterior	N	Door Jamb	I	Metal	Dark Blue	0.2	LCM

Legend:

[1]Side: N = North, E = East, W = West, S = South
[2]Paint Condition: I = Intact, D = Deteriorated
[3]Classification:
- BDL = Below the XRF's detection level; <0.1 mg/cm^2.
- LCM = Lead Containing Materials (LCM); ≥0.1 mg/cm^2
- LBP = Lead-Based Paints (LBP); ≥0.7 mg/cm^2.
- LA County Department of Health Services (DHS) considers 0.7 mg/cm^2 Lead-Based Paint.

*Locations are estimates based on accessible materials located in the survey area only. Additional locations may be present at the Subject Property.

ASBESTOS-CONTAINING BUILDING MATERIALS

TES has the following recommendations based on the findings of the asbestos-containing building materials survey:

- The asbestos survey was performed in accordance with the EPA's NESHAP asbestos regulations protocol for sample collection for demolition/renovation surveys and SCAQMD Rule 1403 and sample analysis in accordance with EPA's "Method for the Determination of Asbestos in Bulk Building Materials" (EPA 600-R-93-116).

- A California licensed and DOSH/Cal-OSHA registered asbestos abatement contractor should be contracted to remove/abate ACMs/ACCMs and materials containing asbestos that are damaged or will be disturbed.

- A DOSH/Cal-OSHA Certified Asbestos Consultant should be contracted to conduct monitoring and clearance of any removal/abatement of ACMs/ACCMs and materials containing asbestos.

- Any materials that have not been identified in this report should be considered suspect ACMs/ACCMs and handled as ACM unless sampled by a DOSH/Cal-OSHA Certified Asbestos Consultant proven to be non-ACM by laboratory analysis.

- Material quantities provided in this report are for information purposes exclusively, and are not intended to be the basis of a contractor's bid for removal or abatement. Contractors are required to field verify materials and quantities for the purposes of bidding on contracted work.

- All asbestos activities must be performed in accordance with all applicable federal, state and local regulations including, but not limited to those summarized in this report.

LEAD-BASED PAINTS / LEAD-CONTAINING MATERIALS

TES has the following recommendations based on the findings of the lead in paint survey:

- In accordance with 29 CFR 1926.62 and 8 CCR 1532.1, any disturbance of LCM and/or LBP should be performed by lead hazard communication trained workers using lead safe work practices that do not result in exposures above the Action Level (AL) of 30 micrograms per cubic meter of air (µg/m^3) and/or Permissible Exposure Limit (PEL) of 50 µg/m^3.

- In accordance with Resource Conservation and Recovery Act (RCRA) Title 40, Code of Federal Regulations, Part 261 (40 CFR 261) and California Department of Toxic Substance Control (DTSC) requirements, all lead containing wastes should be sampled and analyzed for total and leachable lead concentrations and disposed of accordingly based on the waste characterization analytical results.

- Any paints/coatings that have not been identified in this report should be considered presumed LBP and handled as LBP unless sampled by a CDPH Certified Lead Inspector/Assessor and proven to be non-LBP by laboratory analysis.

- All lead activities must be performed in accordance with all applicable federal, state and local regulations, including but not limited to those summarized in this report.

2.0 BUILDING / LOCATION DESCRIPTION

The Subject Property is the Azusa Greens Country Club, located at 919 Sierra Madre Avenue, Azusa, California 91702. The Subject Property is of concrete construction built on a concrete slab on grade foundation. The roof was finished with roof shingles, rock aggregate and Built-Up Roofing (BUR) materials. The interior consisted of gypsum wallboard wall materials and gypsum wallboard, acoustic and wood ceiling materials; floor finishes consisted of ceramic, linoleum and commercial grade carpet materials.

3.0 SURVEY PURPOSE AND SCOPE

3.1 SURVEY PURPOSE

- Collect bulk samples of suspect ACMs for demolition/renovation surveys in accordance with the NESHAP and SCAQMD Rule 1403 asbestos regulations protocol for sample collection for demolition/renovation surveys and submit to an accredited laboratory for analysis. Analyze asbestos bulk samples using PLM visual estimation in accordance with EPA's July 1993 method (EPA 600/R-93/116) for the determination of asbestos in bulk building materials;

- Conduct a survey for LBPs/LCMs using an XRF paint analyzer to screen materials suspected of being coated with LBPs and/or LCMs; and

- Submit written report including analytical results, regulatory requirements, conclusions and recommendations.

The survey did not include destructive investigation methods to identify or sample concealed materials (i.e. within wall cavities, pipe chases, encased in concrete, etc.) nor did it include dismantling equipment to identify or sample inaccessible materials (i.e. gaskets, packings, etc.).

4.0 ASBESTOS SAMPLING METHODOLOGY AND REGULATIONS

4.1 ASBESTOS SURVEY AND ANALYTICAL LABORATORY

The asbestos survey was conducted in accordance with NESHAP pre-demolition standards. The asbestos survey consisted of two (2) primary field activities [(1) visual inspection of the survey area and (2) representative bulk sampling of suspect asbestos containing materials], laboratory sample analysis, and preparation of a survey report.

TES typically conducts surveys in teams of two (2), one (1) person documenting the proceedings of the survey, the other performing bulk sampling and other miscellaneous activities. Small surveys are often surveyed by one (1) individual. The team performs a preliminary visual inspection of the survey area to identify and quantify suspect ACM/ACCM. A sampling strategy is then developed to provide representative sampling.

Asbestos Inspection

The visual inspection included the following activities: (1) identifying homogenous areas of suspect ACM, (2) determining friability and classification [surfacing = material that is spray or trowel applied, thermal system insulation (TSI) = material used to prevent heat gain/loss or condensation, or miscellaneous = material that is not surfacing or TSI] of each homogenous area of suspect ACM, (3) assessing the condition of each homogenous area of suspect ACM, and (4) quantifying each homogenous area of suspect ACM.

Visual inspection and physical handling are performed for all suspect materials to ensure proper friability classification, condition and potential damage - materials are assessed for any damage by impact, water, aging, deterioration, or delaminating from their substrata.

Once assessments are made, the material is assigned a hazard rating based on material condition and potential for damage. These conditions are defined in AHERA as follows:

- **Good Condition**: Material with no visible damage, deterioration, or showing only very limited damage or deterioration.

- **Damaged**: The surface is crumbling, blistered, water stained, gouged, marred or otherwise abraded over less than one-tenth of the surface if the damage is evenly distributed; or less than one quarter if the damage is localized. Accumulation of powder, dust, or debris similar in appearance to the suspect material on surfaces beneath the material can be used as confirmatory evidence.

- **Significantly Damaged**: The surface is crumbling or blistered over at least one-tenth of the surface if the damage is evenly distributed or at least one quarter if the damage is localized; and water stains, gouges or mars over at least one-tenth of the surface if the damage is evenly distributed or at least one quarter if the damage is localized. Accumulation of powder, dust, or debris similar in appearance to the suspect material on surfaces beneath the material can be used as confirmatory evidence.

Asbestos Sampling

The bulk sampling included the following activities: (1) developing a representative sampling plan for each homogenous area of suspect ACM based on the classification and estimated quantity, and (2) collecting representative bulk samples of each homogenous area of suspect ACM in the survey area at the Subject Property as identified by the Client. Efforts are made to obtain the samples from inconspicuous areas. Each sample is placed in a plastic or metal container. The container is sealed, labeled and placed in a larger storage bag.

Throughout the process, care is taken to prevent cross-contamination of the collected samples. Sampling equipment is cleaned after each sample is obtained. In addition, sample containers are placed directly beneath each sample location, when feasible, to collect any materials which may become dislodged during the sampling process. Any debris generated by the sampling is cleaned by wet-cleaning methods.

Samples are documented by entering the sample data on a bulk log, including a description of the material, sample number, location, condition, accessibility, friability, potential for damage, and estimated quantity. Typically, the sample location is marked on an 8-1/2 x 11-inch floor plan (not to scale).

Asbestos Sample Analysis

Upon completion of the bulk sampling activities, the samples were submitted to an accredited laboratory by the National Institute for Standards and Technology (NIST) under the National Voluntary Laboratory Accreditation Program (NVLAP), under proper Chain-of-Custody (COC) documentation. Bulk sample analyses was conducted by Polarized Light Microscopy (PLM) with dispersion staining as described in the "Method for the Determination of Asbestos in Bulk Building Materials," Method EPA-600/R-93/116 (July 1993, Part 1). A sample is immersed in a solution of known refractive index and subjected to illumination by polarized light.

TES collected one-hundred seventy-three (173) bulk samples of suspect ACM/ACCMs representing fifty-one (51) homogenous areas from the survey area of the Subject Property, which were analyzed for asbestos content via Polarized Light Microscopy (PLM) visual estimation by SGS Forensic Laboratories, located in Carson, California. SGS Forensic Laboratories is accredited by the National Institute for Standards and Technology (NIST) under the National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101459-1) for asbestos fiber analysis.

4.2 ASBESTOS REGULATORY DEFINITIONS AND STANDARDS

Asbestos Regulatory Definitions

The Environmental Protection Agency (EPA) defines asbestos-containing material (ACM) as follows:

- **ACM** is defined by EPA as any material containing more than one percent (>1%) asbestos as determined using the method specified in Section 1, Appendix E of 40 CFR Part 763 Subpart E, Polarized Light Microscopy (PLM). In order to verify a material with detected concentrations of asbestos is not an ACM, the EPA requires PLM point count analysis to confirm the asbestos concentration is <1.0%.

- **Friable ACM** as defined by the EPA, means material containing more than one percent (>1%) as determined by PLM that when dry, may be crumbled, pulverized, or reduced to powder by hand pressure, and includes previously non-friable material after such previously non-friable material becomes damaged to the extent that when dry it may be crumbled, pulverized, or reduced to powder by hand pressure.

- **Non-friable ACM** as defined by the EPA, means material containing more than one percent (>1%) as determined by PLM that when dry, may NOT be crumbled, pulverized, or reduced to powder by hand pressure. NESHAP further defines two (2) categories of non-friable ACM:

    - **Category I (Cat I) - Category I Non-friable ACM** is any asbestos-containing packing, gasket, resilient floor covering, mastic or asphalt roofing product which contains more

than one percent (>1%) asbestos as determined using PLM according to the method specified in Appendix E, Subpart E, 40 CFR Part 763.

- **Category II (Cat II) - Category II Non-friable ACM** is any material, excluding Category I non-friable ACM, containing more than one percent (>1%) asbestos as determined using PLM according to the method specified in Appendix E, Subpart E, 40 CFR Part 763 that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.
- **Regulated Asbestos-Containing Material (RACM)** is defined by NESHAP as Friable ACM, Category I Non-friable ACM that has become friable, Category I Non-friable ACM that will be or has been subjected to sanding, grinding, cutting or abrading, or Category II Non-friable ACM that has a high probability of becoming or has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.

South Coast Air Quality Management District (SCAQMD)

- **Class I Non-friable ACM** is defined by South Coast Air Quality Management District (SCAQMD) as material containing more than one percent (>1%) asbestos as determined by PLM, and that, when dry, can be broken, crumbled, pulverized, or reduced to powder in the course of demolition or renovation activities. Actions which may cause material to be broken, crumbled, pulverized, or reduced to powder include physical wear and disturbance by mechanical force, such as, but not limited to, sanding, sandblasting, cutting or abrading, improper handling or removal or leaching of matrix binders. Class I non-friable asbestos-containing material includes, but is not limited to, fractured or crushed asbestos cement products, transite materials, mastic, roofing felts, roofing tiles, cement water pipes and resilient floor covering.

- **Class II Non-friable ACM** is defined by South Coast and Antelope Valley Air Quality Management Districts as all other material containing more than one percent (>1%) asbestos as determined by PLM, that is neither friable nor Class I non-friable.

- **Friable Asbestos-Containing Material (FACM)** is defined by South Coast Air Quality Management District (SCAQMD) in Rule 1403 as a material containing more than one percent (1%) asbestos, that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

Federal Occupational Safety and Health Administration (OSHA) and the California Division of Occupational Safety and Health (DOSH/Cal-OSHA) Classes of Asbestos Work as codified in 29 CFR 1926.1101 and 8 CCR 1529, respectively:

- **Class I** Asbestos work means activities involving the removal of TSI and surfacing ACM and PACM.

- **Class II** Asbestos work means activities involving the removal of ACM which is no thermal system insulation or surfacing materials. This includes, but is not limited to, the removal of asbestos-containing wallboard, floor tile and sheeting, roofing and siding shingles, and construction mastics / adhesives.

- **Class III** Asbestos work means repair and maintenance operations, where "ACM", including TSI and surfacing ACM and PACM, is likely to be disturbed.

- **Class IV** Asbestos work means maintenance and custodial activities during which employees contact, but do not disturb, ACM or PACM and activities to clean up dust, waste and debris resulting from Class I, II, and III activities.

The Federal Occupational Safety and Health Administration (OSHA) and the California Division of Occupational Safety and Health (DOSH/Cal-OSHA) use the following definitions for materials containing asbestos:

- **ACM** is defined by OSHA and DOSH/Cal-OSHA as any material containing more than one percent (>1%) asbestos.

- **Asbestos-containing construction material (ACCM)** is defined by DOSH/Cal-OSHA as any manufactured construction material containing greater than one tenth of one percent (>0.1%) asbestos.

- **Material Containing Asbestos** OSHA and DOSH/Cal-OSHA regulate materials containing any detectable concentrations of asbestos.

Asbestos Regulatory Standards Summary

NESHAP, OSHA, DOSH/Cal-OSHA, the California Department of Toxic Substance Control (DTSC) and local air quality/pollution control districts regulate the removal, disturbance and disposal of asbestos in California. The following is a brief list of these, not all, applicable regulatory standards:

- **Cat I and II/Class I and II Non-Friable ACM (>1% asbestos)**:

    - NESHAP and local air quality/pollution control districts require the abatement/removal of ACM, both friable and non-friable in California, prior to renovation or demolition activities which would disturb them. The abatement/removal must be performed in accordance with the local air quality/pollution control district regulatory standard, including containment and notification as applicable.
    - DOSH/Cal-OSHA requires abatement/removal of ACM to be performed by a California licensed and DOSH/Cal-OSHA registered asbestos abatement contractor using work practices in accordance with the standards prescribed in 8 CCR 1529.

- Federal OSHA requires abatement/removal of ACM to be performed in accordance with the standards prescribed in 29 CFR 1926.1101.
- DTSC requires disposal of non-friable ACM that remains substantially intact as a Non-Friable/Non-Hazardous Asbestos Waste in California.

- **Friable ACM/RACM (friable, >1% asbestos)**:
  - NESHAP and local air quality/pollution control districts require the abatement/removal of ACM, both friable and non-friable in California, prior to renovation or demolition activities which would disturb them. The abatement/removal must be performed in accordance with the local air quality/pollution control district regulatory standard, including containment and notification as applicable.
  - DOSH/Cal-OSHA requires abatement/removal of ACM to be performed by a California licensed and DOSH/Cal-OSHA registered asbestos abatement contractor using work practices in accordance with the standards prescribed in 8 CCR 1529.
  - Federal OSHA requires abatement/removal of ACM to be performed in accordance with the standards prescribed in 29 CFR 1926.1101.
  - DTSC requires disposal of friable ACM as a Friable/Hazardous Asbestos Waste in California.
- **ACCM (>0.1% asbestos)**:
  - DOSH/Cal-OSHA requires disturbance/removal of ACCM to be performed using properly trained workers and special work practices in accordance with the standards prescribed in 8 CCR 1529.
  - DOSH/Cal-OSHA requires a “report of use” for disturbance/removal of ACCM (8 CCR 5203) and further requires a DOSH/Cal-OSHA registered contractor for disturbance/removal of 100 square feet or more of ACCM (California Labor Code 6500-6510).
- **Material containing asbestos (<0.1% asbestos)**:
  - OSHA and DOSH/Cal-OSHA requires disturbance/removal of materials containing asbestos to be performed using properly trained workers and special work practices in accordance with the standards prescribed in 29 CFR 1926.1101 and 8 CCR 1529.

5.0 LEAD SAMPLING METHODOLOGY AND REGULATIONS

The lead-containing materials survey was conducted in accordance with applicable standards including, but not necessarily limited to the following: United State Department of Housing and Urban Development (HUD) 24 CFR Part 35 Lead Regulations and 1995 and 2012 Guidelines and EPA 40

CFR Part 745 lead regulations. The lead-containing materials survey was limited to materials/areas scheduled for disturbance within the survey area, as identified by the Client.

Lead Paint Inspection

The lead paint inspection included the following activities: (1) identifying homogenous testing combinations (similar room equivalent, component and substrate) of suspect LBP/LCM and (2) assessing the condition of each homogenous area of suspect LBP/LCM.

Once assessments are made, the paint is assigned a condition. These conditions are defined as follows:

- **Intact**: Paint with no visible deterioration or damage.

- **Deteriorated**: Paint that is cracking, chalking, flaking, chipping, peeling, non-intact, failed, or otherwise separating from a component.

Lead Paint Testing/Sampling

The lead paint testing/sampling included the following activities: (1) developing a representative testing/sampling plan for each homogenous area of suspect LBP/LCM and (2) conducting representative X-Ray fluorescence (XRF) testing of each homogenous area of suspect LBP/LCM.

In every "room equivalent" within the survey area, one (1) representative surface of each "testing combination" was tested. Commonly encountered interior components tested, if painted or varnished, include but are not necessarily limited to the following: walls, baseboards, doors, door trim, door jambs, windows trim, window sashes, and window sills. Commonly encountered exterior components tested, if painted or varnished, include but are not necessarily limited to the following: walls, fascia, trim, doors, door trim, door jambs, window assemblies and window wells.

XRF testing are documented by entering the test/sample data on a sample log, including a description of the material, sample number, location, condition, and estimated quantity. Typically, sample locations are marked on an 8-1/2 x 11-inch floor plan (not to scale).

XRF Analysis

A hand-held Thermo Fisher Scientific Niton-XLp 706A unit and hand-held Viken Pb200i hand held XRF lead paint analyzer were used to determine the presence of lead in painted surface(s). An appropriate number of XRF reading(s) were collected from the survey area. Multiple readings are recorded to resolve inconsistencies in the XRF reading(s). XRF reading(s) were recorded and data-logged using the "Quick Mode" option.

XRF INSTRUMENT SPECIFICATIONS

Instrument Manufacturer:	Thermo Fisher Scientific
Model:	Niton-XLp 706A
Serial Number:	25792

Radioactive Source: ^{109}Cadmium
Age of Radioactive Source: Assayed 2020-04-15
Calibration Standard: NIST Standard Reference Material of Red Paint Film with 1.02 mg/cm^2 content

Instrument Manufacturer: Heuresis
Model: Pb200i
Serial Number: 2649
Modes of Operation: Quick Mode for Inspection, Time Corrected Mode for Calibrations
Radioactive Source: ^{57}Cobalt, 5 mCi
Age of Radioactive Source: Assayed 2020-03-15
Calibration Standard: NIST Standard Reference Material of Red Paint Film with 1.02 mg/cm^2 content
Operating Parameters: Action Level Mode

XRF TESTING OF PAINTED SURFACE(S)

Thermo Fisher Scientific

The XRF testing procedures followed during this inspection are in accordance with HUD Guidelines and EPA requirements under TSCA Section 403 (24 CFR Part 35 and 40 CFR Part 745 respectively). Testing of the painted surface(s) was patterned after the inspection protocol of Chapter 7-Lead-Based Paint Inspection of the HUD Guidelines, Revised 2012. In every "room equivalent" within the tested property, one (1) representative surface of each "testing combination" was tested. Commonly encountered interior components tested, if painted or varnished, included walls, baseboards, doors, door trim, jambs, windows assemblies, and trim, including sashes, and window sills. Commonly encountered exterior components tested, if painted or varnished, included the walls, fascia, doors and assemblies, and window assemblies and window wells.

A hand-held Niton-XLp 706A XRF unit was used to determine the presence of lead in painted surface(s) throughout the structure. An appropriate number of XRF reading(s) were collected from the survey area. Multiple readings are recorded to resolve inconsistencies in the XRF reading(s). XRF reading(s) were recorded and data-logged using the "Quick Mode" option.

Heuresis

XRF CALIBRATION CHECK: The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm^2 in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm^2 film). If the average (rounded to 1 decimal place) of three (3) readings is outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instrument into control before XRF testing proceeds.

SUBSTRATE CORRECTION VALUE COMPUTATION: Chapter 7 of the HUD Guidelines provides guidance on correcting XRF results for substrate bias. Supplemental guidance for using the paint film nearest 1.0 mg/cm^2 for substrate correction is provided: XRF results are corrected for substrate bias by subtracting from each XRF result a correction value determined separately in each house for single-family housing or in each development for multifamily housing, for each substrate. The

correction value is an average of XRF readings taken over the NIST SRM paint film nearest to 1.0 mg/cm^2 at test locations that have been scraped bare of their paint covering. Compute the correction values as follows: Using the same XRF instrument, take three (3) readings on a bare substrate area covered with the NIST SRM paint film nearest 1 mg/cm^2. Repeat this procedure by taking three (3) more readings on a second bare substrate area of the same substrate covered with the NIST SRM. Compute the correction value for each substrate type where XRF readings indicate substrate correction is needed by computing the average of all six (6) readings as shown below. For each substrate type (the 1.02 mg/cm^2 NIST SRM is shown in this example; use the actual lead loading of the NIST SRM used for substrate correction): Correction value = (1st + 2nd + 3rd + 4th + 5th + 6th Reading)/6 - 1.02 mg/cm^2 Repeat this procedure for each substrate requiring substrate correction in the house or housing development.

EVALUATING THE QUALITY OF XRF TESTING: Randomly select ten (10) testing combinations for retesting from each house or from two (2) randomly selected units in multifamily housing. Conduct XRF re-testing at the ten (10) testing combinations selected for retesting. HEURESIS PCS December 2015 Page 3 of 4 Determine if the XRF testing in the units or house passed or failed the test by applying the steps below. Compute the Retest Tolerance Limit by the following steps: Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family and multi-family housing, a result is defined as a single reading. Therefore, there will be ten (10) original and ten (10) retest XRF results for each house or for the two (2) selected units. Calculate the average of the original XRF result and the retest XRF result for each testing combination. Square the average for each testing combination. Add the ten (10) squared averages together. Call this quantity C. Multiply the number C by 0.0072. Call this quantity D. Add the number 0.032 to D. Call this quantity E. Take the square root of E. Call this quantity F. Multiply F by 1.645. The result is the Retest Tolerance Limit. Compute the average of all ten original XRF readings. Compute the average of all ten re-test XRF readings. Find the absolute difference of the two (2) averages. If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient. Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately one (1) out of 100 dwelling units tested.

CLASSIFICATION OF RESULTS: XRF results are classified as positive if they are greater than or equal to the stated threshold for the instrument (1.0 mg/cm^2), and negative if they are less than the threshold.

DOCUMENTATION: A report titled Methodology for XRF Performance Characteristic Sheets (EPA 747-R-95-008) provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. The report may be downloaded at http://www2.epa.gov/lead/methodology-xrf-performance-characteristic-sheets-epa-747-r-95- 008-

september-1997. This XRF Performance Characteristic Sheet (PCS) was developed by QuanTech, Inc., under a contract with the XRF manufacturer.

XRF Lead Sampling

TES performed XRF Analyzer testing of two-hundred sixty-one (261) surfaces painted/coated with suspect LBPs/LCMs in the survey area of the Subject Property preceded and followed by instrument calibration. Readings 1-126 include calibrations and measurements of lead levels using the Thermo Fisher Scientific Niton-XLp 706A XRF, and readings 127-279 include calibrations and measurements of lead levels using Heurosis Viken Pb200i XRF.

5.1 LEAD REGULATORY DEFINITIONS AND STANDARDS

Lead Regulatory Definitions

The following is a list of some of regulatory definitions associated with lead paint:

- **Lead Based Paints/Coatings (LBP)** is defined by the United States Department of Housing and Urban Development (HUD) and the California Department of Public Health (CDPH) as paints/coatings that contain an amount of lead equal to, or in excess of 1.0 mg/cm^2, 5,000 parts per million (ppm) or 0.5% by weight.

- **Lead Containing Paint (LCP)** Consumer Product Safety Commission (CPSC) under Title 16, CFR 1303.2, Consumer Product Safety Improvement Act of 2008, defines lead-containing paint (LCP) as paint or other similar surface coating materials containing more than 0.009 percent (90 mg/kg) lead.

- **Lead Abatement** is defined by HUD and CDPH as any set of measures designed to reduce or eliminate lead hazards or lead-based paint permanently or for a minimum of 20 years for public and residential buildings but does not include containment or cleaning.

- **Lead Related Construction Work** is defined by CDPH as 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 exposures of adults or children to lead.

- **Lead Hazardous Waste:** Lead waste streams are characterized by analyzing total lead content and soluble lead content and comparing it to California Title 22 Total Threshold Limit Concentrations of 1000 ppm and Solubility Threshold Limit Concentration of 5 mg/L, respectively. If any of these two (2) limits are equaled or exceeded, then the lead waste stream is classified as California Hazardous Waste and must be packaged and disposed in Class I or Class II landfills. Furthermore, the lead waste stream is tested for soluble lead in accordance with USEPA Resource Conservation and Recovery Act (RCRA) Toxicity Characteristic Leachate Procedure (TCLP) of 5 mg/L. If the TCLP is equaled or exceeded, the lead waste stream is classified as RCRA Waste.

Lead Regulatory Standards Summary

At present there is no state or federal regulation requiring mandatory lead removal or abatement prior to disturbance of building materials with identified lead paint or coatings. However, there are applicable Cal/OSHA worker protection and training requirements, Cal/EPA waste disposal requirements, CDPH requirements for public and residential buildings, and SB 460 lead hazard regulations that apply to lead-related construction activities, abatement activities and the associated lead wastes. The following is a brief discussion and summary of applicable regulatory requirements:

♦ **Cal/OSHA:** Title 8, California Code of Regulation (CCR), Section 1532.1 (8 CCR 1532.1) governs occupational exposure to lead. This regulation requires that prior to initiation of certain activities, referred to as "trigger tasks", workers must be trained, medically evaluated, and properly fitted with respiratory protection, and protective clothing until statistically reliable personal eight-hour time weighted average (TWA) results indicate lead exposure levels below the Personal Exposure Limit (PEL) for each unique task which disturbs lead-based and lead-containing coatings. This process is known as a Negative Exposure Assessment or NEA.

If the result of the exposure assessment is above the Action Level (AL) additional monitoring is required and if the result is above the PEL additional exposure monitoring, worker protection (including respirator protection and PPE), training and medical requirements apply. However even where the NEA criteria is met, certain hazard communication training and work practice controls still apply where lead is disturbed. "Trigger tasks" are tasks that are assumed to exceed the PEL pending an exposure assessment and they encompass the majority of construction activities that disturb surface coatings.

Examples of "trigger" tasks range from manual paint scraping as a lower expected exposure up to hot work and abrasive blasting as the highest expected exposures, and include any non-listed task that the employer determines may potentially expose employees to lead levels above the AL.

"OSHA does not consider any method that relies solely on the analysis of bulk materials or surface content of lead (or other toxic material) to be acceptable for safely predicting employee exposure to airborne contaminants. Without air monitoring results or without the benefit of historical or objective data (including air sampling which clearly demonstrates that the employee cannot be exposed above the action level during any process, operation, or activity) the analysis of bulk or surface samples cannot be used to determine employee exposure."- OSHA Standard Interpretation May 8, 2000.

OSHA states that these rules apply to "any detectable concentration of lead" without a specified detection level. Due to the Consumer Product Safety Commission currently allowing paint to contain up to 90 parts per million (ppm) or 0.009 wt% of lead, the variation of lead content due to aging and weathering, and the variation of detection limits associated with analysis of bulk materials, such as paint chips and surface content analysis via XRF, it is recommended that all painted or coated surfaces be treated as potentially containing lead.

Positive analytical results by either method can be used to indicate that detectable lead is present but negative results cannot be interpreted as conclusively demonstrating the absence of lead. Analytical

data from analysis of bulk materials or surface content of lead can be helpful in evaluation of lead-related environmental risks in general but cannot be used to calculate worker exposures and are not a substitute for employee exposure monitoring.

As a result of the above, any employee that works around potential lead-based or lead-containing coatings must have HAZCOM training and personal exposure air monitoring is additionally required for employees that disturb such coatings. Additional certification, notification, and work practices are required for materials found to be lead-based paint.

Any welding, cutting or heating of metal surfaces containing surface coatings should be conducted in accordance with 29 CFR 1926.354 and 8 CCR 1537 and/or 1536. These regulations require surfaces covered with toxic preservatives, and in enclosed areas, be stripped of all toxic coatings for a distance of at least 4 inches, in all directions, from the area of heat application prior to the initiation of such heat application with adequate exhaust ventilation.

♦ **Cal/EPA**: The Department of Toxic Substance Control (DTSC) regulates disposal of lead hazardous waste (22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes). DTSC has issued guidance indicating that architectural debris with intact lead paint is normally expected to be handled as general construction waste. However, waste stream segregation and analysis is still required for all lead painted or coated debris regardless of if the paint or coating is intact on a building component or not. The resulting wastes may be hazardous under California and federal RCRA standards for lead and therefore require proper handling, packaging, labeling, and transportation under a proper manifest to a permitted hazardous waste storage, treatment and disposal facility.

♦ **Senate Bill 460 (SB 460)**: An act to amend Section 1941.1 of the Civil Code, and to amend Sections 17961, 17980, and 124130 of, and to add Sections 17920.10, 105251, 105252, 105253, 105254, 105255, 105256, and 105257 to, the Health and Safety Code, relating to lead abatement. This bill allows for fines and criminal penalties to be levied by local code enforcement agencies on any person who is found to have performed lead abatement without containment or created a measurable “lead hazard” based upon current CDPH standards. A “lead hazard” means deteriorated lead-based paint, lead contaminated dust, lead contaminated soil, disturbing lead-based paint or presumed lead-based paint without containment, or any other nuisance which may result in persistent and quantifiable lead exposure.

TES recommends that all parties who come into contact with paint or soil that have detectable lead concentrations follow all applicable federal, state and local regulations relating to employee health and safety and proper disposal of generated wastes.

6.0 SUSPECT ACM/ACCM SAMPLING ANALYTICAL RESULTS

6.1 ASBESTOS ANALYTICAL RESULTS SUMMARY

The following Table 6-1 provides a summary of suspect ACM/ACCM samples analytical results.

Table 6-1: Asbestos Sampling PLM Analytical Results

HA No.	Sample No.	Sample Locations	Material Description	Class.	Material Location(s)*	Friable/ Non-Friable	Condition (G, D, SD)	Estimated Quantity*	Asbestos Analytical Results	SCAQMD Cat.
01	0216-01-01 0216-01-02 0216-01-03	NW End of Roof, SE End of Roof, SW End of Roof	Black Roof Penetration Mastic	Misc.	Roof	NF	G	20 SF	5% Chrysotile	Class I ACM
02	0216-02-04 0216-02-05 0216-02-06	W Center of Roof, SW End of Roof, SE End of Roof	White Roof Mastic	Misc.	Roof	NF	G	20 SF	ND	Non-ACM
03	0216-03-07 0216-03-08 0216-03-09	NE End of Roof HVAC Vents, NE Center of Roof HVAC Vents, W End of Roof HVAC Vents	Gray HVAC Mastic	Misc.	Roof HVAC Vents	NF	G	75 SF	ND	Non-ACM
04	0216-04-10 0216-04-11 0216-04-12	SE End of Roof, SW Center of Roof, SW End of Roof	White Roof Metal Seam Caulking	Misc.	Roof	NF	G	10 SF	ND	Non-ACM
05	0216-05-13 0216-05-14 0216-05-15	SE End of Rock Aggregate Roof, NW End of Rock Aggregate Roof, Center of Rock Aggregate Roof	BURS Roof System	Misc.	Roof	NF	G	320 SF	ND	Non-ACM
06	0216-06-16 0216-06-17 0216-06-18 0216-06-19 0216-06-20	NE End of Roof, E End of Roof, SW End of Roof, NW End of Roof, E Center of Roof	Multi-Layered Roof Shingle (Pitched Roof)	Misc.	Roof	NF	G	6,600 SF	ND	Non-ACM
07	0216-07-21 0216-07-22 0216-07-23 0216-07-24 0216-07-25	NE End of Roof, E End of Roof, SW End of Roof, NW End of Roof, E Center of Roof	Black Roof Felt	Misc.	Roof	NF	G	6,600 SF	ND	Non-ACM
08	0216-08-26 0216-08-27 0216-08-28	SW End of Roof, SW End of Roof, SW End of Roof	Black / Yellow Roof Felt with Foam	Misc.	Roof	NF	G	500 SF	ND	Non-ACM
09	0216-09-29 0216-09-30 0216-09-31 0216-09-32 0216-09-33	NE End of Roof, NW End of Roof, NW Center of Roof, S End of Roof, SW End of Roof	Gray Rolled Roof System	Misc.	Roof	NF	G	4,000 SF	ND	Non-ACM
10	0216-10-34 0216-10-35 0216-10-36	S End of Roof, SW End of Roof, SW End of Roof	Gray Parapet Wall	Misc.	Roof	NF	G	300 SF	ND	Non-ACM

Table 6-1: Asbestos Sampling PLM Analytical Results

HA No.	Sample No.	Sample Locations	Material Description	Class.	Material Location(s)*	Friable/ Non-Friable	Condition (G, D, SD)	Estimated Quantity*	Asbestos Analytical Results	SCAQMD Cat.
11	0216-11-37 0216-11-38 0216-11-39	SW End of Roof, SW End of Roof, SW Center of Roof	Black Rolled Roof System	Misc.	Roof	NF	G	250 SF	ND	Non-ACM
12	0216-12-40 0216-12-41 0216-12-42	E End of Roof, S Center of Roof, SW End of Roof	Black Rolled Roof Seam Mastic	Misc.	Roof	NF	G	400 SF	ND	Non-ACM
13	0216-13-43 0216-13-44 0216-13-45	SW End of Roof HVAC, SW End of Roof HVAC, SW End of Roof HVAC	Black HVAC Duct Liner	Misc.	Roof	NF	G	20 SF	ND	Non-ACM
14	0216-14-46 0216-14-47 0216-14-48	SW End of Roof HVAC, SW End of Roof HVAC, SW End of Roof HVAC	Black HVAC Junction Tape	Misc.	Roof	NF	G	2 SF	ND	Non-ACM
15	0216-15-49 0216-15-50 0216-15-51	W End of Roof, W End of Roof, W End of Roof	Gray HVAC Junction Tape	Misc.	Roof	NF	G	10 SF	ND	Non-ACM
16	0216-16-52 0216-16-53 0216-16-54	NW Center of Attic, SW Center of Attic, W End of Attic	Pink Insulation	Misc.	Attic	F	G	900 SF	ND	Non-ACM
17	0216-17-55 0216-17-56 0216-17-57	SW End of Attic, SW End of Attic, SW End of Attic	Black HVAC Junction Mastic	Misc.	Attic	NF	G	2 SF	5% Chrysotile	Class I ACM
18	0216-18-58 0216-18-59 0216-18-60	S End of Attic, S End of Attic, S End of Attic	Gray Attic HVAC Junction Tape	Misc.	Attic	NF	G	10 SF	ND	Non-ACM
19	0216-19-61 0216-19-62 0216-19-63	NE End of Attic, NE End of Attic, NE End of Attic	Yellow Attic HVAC Insulation	Misc.	Attic	F	G	20 SF	ND	Non-ACM
20	0216-20-64 0216-20-65 0216-20-66	NE End of Attic, NE End of Attic, NE End of Attic	Orange Attic HVAC Insulation	Misc.	Attic	F	G	20 SF	ND	Non-ACM
21	0216-21-67 0216-21-68 0216-21-69	NE Center of Roof, NE Center of Roof, NE Center of Roof	Black Pipe Wrap	Misc.	Roof	NF	G	5 SF	ND	Non-ACM
22	0216-22-70 0216-22-71 0216-22-72	SE End of Attic, SE End of Attic, SE End of Attic	Black Attic HVAC Junction Tape	Misc.	Attic	NF	G	2 SF	ND	Non-ACM
23	0216-23-73 0216-23-74 0216-23-75	SE End of Attic, SE End of Attic, SE End of Attic	Silver Attic HVAC Junction Tape	Misc.	Attic	NF	G	5 SF	ND	Non-ACM

Table 6-1: Asbestos Sampling PLM Analytical Results

HA No.	Sample No.	Sample Locations	Material Description	Class.	Material Location(s)*	Friable/ Non-Friable	Condition (G, D, SD)	Estimated Quantity*	Asbestos Analytical Results	SCAQMD Cat.
24	0216-24-76 0216-24-77 0216-24-78 0216-24-79 0216-24-80 0216-24-81 0216-24-82	NW End of Parking Lot, SW End of Parking Lot, W Center of Parking Lot, NE Center of Parking Lot, SE Center of Parking Lot, E End of Parking Lot, SE End of Parking Lot	Black Asphalt	Misc.	Parking Lot	NF	G	95,000 SF	ND	Non-ACM
25	0216-25-83 0216-25-84 0216-25-85	W End of Exterior, SW End of Exterior, E End of Exterior	Gray Concrete Wall	Misc.	Exterior	NF	G	750 SF	ND	Non-ACM
26	0216-26-86 0216-26-87 0216-26-88	SE End of Exterior, E End of Exterior, E End of Exterior	Gray / Pink Concrete Wall	Misc.	Exterior	NF	G	1,500 SF	ND	Non-ACM
27	0216-27-89 0216-27-90 0216-27-91	SE End of Exterior, SE End of Exterior, SE End of Exterior	Gray Stone Mortar	Misc.	Exterior	NF	G	500 SF	ND	Non-ACM
28	0216-28-92 0216-28-93 0216-28-94	N End of Exterior, SE End of Exterior, NE End of Exterior	Black Window Sealant	Misc.	Exterior	NF	G	40 SF	ND	Non-ACM
29	0216-29-95 0216-29-96 0216-29-97	W End of Exterior, W End of Exterior, W End of Exterior	Tan Sidewalk Texture Coat	Misc.	Exterior	NF	G	900 SF	ND	Non-ACM
30	0216-30-98 0216-30-99 0216-30-100	W End of Exterior, W End of Exterior, W End of Exterior	Tan Sidewalk Expansion Joint	Misc.	Exterior	NF	G	2 SF	ND	Non-ACM
31	0216-31-101 0216-31-102 0216-31-103 0216-31-104 0216-31-105	NE End of Exterior, N End of Exterior, S End of Exterior, NW End of Exterior, NW End of Exterior	Gray Concrete Sidewalk	Misc.	Exterior	NF	G	15,000 SF	ND	Non-ACM
32	0216-32-106 0216-32-107 0216-32-108	S End of Exterior, S End of Exterior, S End of Exterior	Tan Concrete Sidewalk	Misc.	Exterior	NF	G	800 SF	ND	Non-ACM
33	0216-33-109 0216-33-110 0216-33-111	NE End of Balcony, NW End of Balcony, W End of Balcony	Gray Concrete Balcony	Misc.	Balcony	NF	G	1,500 SF	ND	Non-ACM

Table 6-1: Asbestos Sampling PLM Analytical Results

HA No.	Sample No.	Sample Locations	Material Description	Class.	Material Location(s)*	Friable/ Non-Friable	Condition (G, D, SD)	Estimated Quantity*	Asbestos Analytical Results	SCAQMD Cat.
34	0216-34-112 0216-34-113 0216-34-114 0216-34-115 0216-34-116	E End of Floor of Electrical Closet, Center of Floor of Bar/Kitchen, W End of Floor of Storage 1, NE End of Floor of Back Kitchen, W End of Floor of Main Kitchen	Gray Concrete Slab	Misc.	Electrical Closet, Bar/Kitchen, Storage 1, Back Kitchen and Main Kitchen	NF	G	12,000 SF	ND	Non-ACM
35	0216-35-117 0216-35-118 0216-35-119	W End of Floor of Dining Area 1, NW End of Floor of Dining Area 3, SE End of Floor of Dining Area 1	Tan Floor Coating	Misc.	Dining Area 1 and Dining Area 3	NF	G	2,200 SF	ND	Non-ACM
36	0216-36-120 0216-36-121 0216-36-122	E End of Floor of Dining Area 1, S End of Floor of Dining Area 2, W End of Floor of Dining Area 3	Tan Carpet Mastic on Pad	Misc.	Dining Area 1, Dining Area 2 and Dining Area 3	NF	G	3,000 SF	ND	Non-ACM
37	0216-37-123 0216-37-124 0216-37-125	E End of Floor of Dining Area 1, S End of Floor of Dining Area 2, W End of Floor of Dining Area 3	Yellow Carpet Mastic (Under Pad)	Misc.	Dining Area 1, Dining Area 2 and Dining Area 3	NF	G	3,000 SF	ND	Non-ACM
38	0216-38-126 0216-38-127 0216-38-128 0216-38-129 0216-38-130 0216-38-131 0216-38-132	N End of E Wall of Bungalow 1, S End of Bungalow 2, N End of Bungalow 3, E End of N Wall of Dining Area 2, N End of Women's Restroom 1, N End of W Wall of Electrical Closet, E End of S Wall of Hallway 1	White Drywall / Joint Compound	Misc.	Bungalow 1, Bungalow 2, Bungalow 3, Dining Area 2, Women's Restroom 1, Electrical Closet and Hallway 1	NF	G	12,000 SF	ND	Non-ACM
39	0216-39-133 0216-39-134 0216-39-135 0216-39-136 0216-39-137	Center of Ceiling of Bungalow 3, SW End of Ceiling of Bungalow 3, SW End of Ceiling of Bungalow 2, SE End of Ceiling of Bungalow 1, NW End of Ceiling of Bungalow 1	White Acoustic	Surf.	Bungalow 1, Bungalow 2 and Bungalow 3	F	G	1,400 SF	ND	Non-ACM
40	0216-40-138 0216-40-139 0216-40-140	SW End of Floor of Bungalow 2, SW End of Floor of Bungalow 2, NW End of Floor of Bungalow 1	Gray Concrete Floor	Misc.	Bungalow 1 and Bungalow 2	NF	G	2,500 SF	ND	Non-ACM
41	0216-41-141 0216-41-142 0216-41-143	Center of Floor of Bungalow 2, Center of Floor of Bungalow 2, Center of Floor of Bungalow 1	Orange Carpet Mastic	Misc.	Bungalow 1 and Bungalow 2	NF	G	2,000 SF	ND	Non-ACM

Table 6-1: Asbestos Sampling PLM Analytical Results

HA No.	Sample No.	Sample Locations	Material Description	Class.	Material Location(s)*	Friable/ Non-Friable	Condition (G, D, SD)	Estimated Quantity*	Asbestos Analytical Results	SCAQMD Cat.
42	0216-42-144 0216-42-145 0216-42-146	W End of Floor of Bathroom 1, W End of Floor of Bathroom 1, W End of Floor of Bathroom 1	Tan Linoleum Floor (Hexagon Pattern)	Misc.	Bathroom 1	F	G	60 SF	70% Chrysotile (Fibrous Backing) ND (Sheet Flooring, Mastic)	FACM
43	0216-43-147 0216-43-148 0216-43-149	SE End of Floor of Bathroom 3, W End of Floor of Kitchen 3, NW End of Floor of Kitchen 2	Tan Linoleum Floor	Misc.	Bathroom 3, Kitchen 2 and Kitchen 3	F	G	150 SF	70% Chrysotile (Fibrous Backing) ND (Sheet Flooring, Mastic)	FACM
44	0216-44-150 0216-44-151 0216-44-152	SE End of Ceiling of Back Kitchen, SE End of Ceiling of Back Kitchen, SE End of Ceiling of Back Kitchen	Brown Ceiling Tile Mastic	Misc.	Back Kitchen	NF	G	300 SF	ND	Non-ACM
45	0216-45-153 0216-45-154 0216-45-155	SE End of Ceiling of Back Kitchen, SE End of Ceiling of Back Kitchen, SE End of Ceiling of Back Kitchen	White Ceiling Tile	Misc.	Back Kitchen	F	G	1,000 SF	ND	Non-ACM
46	0216-46-156 0216-46-157 0216-46-158	N End of Floor of Exterior, N End of Floor of Exterior, SE End of Floor of Staircase 2	Gray Rock Concrete Floor	Misc.	Exterior and Staircase 2	NF	G	3,000 SF	ND	Non-ACM
47	0216-47-159 0216-47-160 0216-47-161	NW End of Balcony, NW End of Balcony, NW End of Balcony	Black Balcony Gutter Mastic	Misc.	Balcony	NF	G	15 SF	ND	Non-ACM
48	0216-48-162 0216-48-163 0216-48-164	NE End of Floor of Light Room, NE End of Floor of Light Room, N End of Floor of Light Room	Gray Tile Grout (Thick)	Misc.	Light Room	NF	G	500 SF	ND	Non-ACM
49	0216-49-165 0216-49-166 0216-49-167	N End of Floor of Women's Restroom 1, N End of Floor of Women's Restroom 1, N End of Floor of Women's Restroom 1	Gray Tile Grout (Thin)	Misc.	Women's Restroom 1	NF	G	400 SF	ND	Non-ACM
50	0216-50-168 0216-50-169 0216-50-170	SW End of Wall of Storage 3, SW End of Wall of Storage 3, SW End of Wall of Storage 3	Brown Cove Base Mastic	Misc.	Storage 3	NF	G	10 SF	ND	Non-ACM

Table 6-1: Asbestos Sampling PLM Analytical Results

HA No.	Sample No.	Sample Locations	Material Description	Class.	Material Location(s)*	Friable/ Non-Friable	Condition (G, D, SD)	Estimated Quantity*	Asbestos Analytical Results	SCAQMD Cat.
51	0216-51-171 0216-51-172 0216-51-173	NW End of Wall of Men's Restroom 1, NW End of Wall of Men's Restroom 1, NW End of Wall of Men's Restroom 1	Black Wall Vapor Barrier	Misc.	Men's Restroom 1	NF	G	1,000 SF	ND	Non-ACM

Legend:

HA = Homogenous Area
N = North, E = East, W = West, S = South, SF = Square Feet, LF = Linear Feet, ND = None Detected
Classification (Class.): Misc. = Miscellaneous, Surf. = Surfacing, TSI = Thermal System Insulation
Condition: G = Good, D = Damaged, SD = Significantly Damaged
Categories (Cat.):

- Cal/OSHA: ACCM = Asbestos Containing Construction Materials, ACM = Asbestos Containing Materials,
- NESHAP: Cat I = Category I Non-friable ACM, Cat II = Category II Non-friable ACM, RACM = Regulated Asbestos Containing Material
- SCAQMD: Class I = Class I Non-friable ACM, Class II = Class II Non-friable ACM, FACM = Friable Asbestos Containing Material

*Locations and quantities are estimates based on accessible materials located in the survey area only. Additional locations and quantities may be present at the Subject Property.

**In accordance to 40 CFR 61.141 and US EPA Applicability Determination Index Control Number: C112, if the amount by visual estimation appears to be less than 10 percent, the owner or operator may (1) assume the amount to be greater than 1 percent and treat the materials asbestos-containing material, or (2) require verification of the amount by point counting. If a result obtained by point count is different from a result obtained by visual estimation, the point count result will be used.

Please note the Certified Asbestos Consultant will assume any material that is <1% analyzed via PLM and not verified by point count as an Asbestos Containing Material (ACM).

6.2 SUSPECT ACMS/ACCMS NOT SAMPLED

The suspect ACMs/ACCMs listed below may be present at the Subject Property and due to the non-destructive nature of this survey were not sampled in order to avoid (1) hazardous conditions, (2) impacting the integrity of the structure, (3) damaging building materials and finishes that cannot be easily repaired, (4) damaging equipment and/or mechanical systems, (5) voiding warranties, and/or (6) creating hazards including, but not limited to, an asbestos fiber release episode. If any of the following materials are identified at the Subject Property, these materials should be considered ACMs unless a DOSH/Cal-OSHA CAC determines they are not asbestos-containing.

- Cement asbestos/transite materials including, but not limited to:
  - Cement flues and pipes
- Inaccessible and/or concealed materials including, but not limited to:
  - Glues
  - Mastics, Chalkboard Mastic Adhesive, Blackboard Mastic, Whiteboard Mastic, Corkboard Mastic
  - Underlayment

6.3 NON-SUSPECT ACMS/ACCMS

The non-suspect ACMs/ACCMs listed below may be present at the Subject Property and were not sampled because they were determined to be non-suspect by a DOSH/Cal-OSHA CAC.

- Fiberglass: insulation, etc.;
- Glass: windows, doors, mirrors, etc.;
- Laminate/faux wood: flooring, wall covering, etc.;
- Metal materials/finishes: door and window framing, ducting, etc.;
- Terrazzo: flooring, wall covering, etc.; and
- Wood and laminate flooring materials/finishes: flooring, wall paneling, framing, etc.

7.0 SUSPECT LCM/LBP SAMPLING ANALYTICAL RESULTS

The following Table 7-1 provides a summary of the XRF sampling results.

Table 7-1: Lead-Paint XRF Analyzer Results

Reading	Room / Location*	Side[1]	Structure	Condition[2]	Substrate	Color	Lead Concentration (mg/cm^2)	Classification[3]
1	Beginning Calibration						1.1	
2	Beginning Calibration						1.0	
3	Beginning Calibration						1.1	
4	Roof	N	Wall	I	Wood	Tan	0.00	**BDL**
5	Roof	N	Roof Cap Flashing	I	Metal	Tan	0.00	**BDL**
6	Roof	S	Flashing	I	Metal	Tan	0.00	**BDL**
7	Roof	S	Roof Cap Flashing	I	Metal	Tan	0.00	**BDL**
8	Roof	S	Wall	I	Light Weight Concrete	Tan	0.00	**BDL**
9	Roof	N	Duct	I	Metal	Tan	0.00	**BDL**
10	Roof	N	Wall	I	Wood	Tan	0.00	**BDL**
11	Roof	E	Roof Cap Flashing	I	Metal	Tan	0.00	**BDL**
12	Roof	SW	Flashing	I	Metal	Tan	0.00	**BDL**
13	Roof	SW	Roof Cap Flashing	I	Metal	Tan	0.00	**BDL**
14	Roof	S	Condenser	I	Metal	White	0.01	**LCM**
15	Roof	S	Penetration	I	Metal	Tan	0.00	**BDL**
16	Roof	S	Drain Hole	I	Metal	Black	0.00	**BDL**
17	Roof	S	Condenser	I	Metal	White	0.01	**LCM**
18	Reception	S	Wall	I	Wood	Tan	0.14	**LCM**
19	Reception	S	Ceiling	I	Wood	Tan	0.00	**BDL**
20	Reception	N	Wall	I	Wood	Tan	0.00	**BDL**
21	Reception	N	Ceiling	I	Drywall	Tan	0.00	**BDL**
22	Reception	N	Golf Club Holder	I	Wood	Tan	0.00	**BDL**
23	Reception	N	Shelf	I	Wood	Tan	0.00	**BDL**

Table 7-1: Lead-Paint XRF Analyzer Results

Reading	Room / Location*	Side[1]	Structure	Condition[2]	Substrate	Color	Lead Concentration (mg/cm^2)	Classification[3]
24	Reception	N	Cabinet	I	Wood	Dark Brown	0.19	**LCM**
25	Reception	N	Countertop	I	Wood	Tan	0.00	**BDL**
26	Reception	N	Beam	I	Wood	White	0.00	**BDL**
27	Lobby	N	Wall	I	Drywall	Tan	0.00	**BDL**
28	Lobby	N	Wall	I	Wood	Tan	0.00	**BDL**
29	Lobby	W	Baseboard	I	Wood	Tan	0.00	**BDL**
30	Lobby	N	Window Frame	I	Metal	Black	0.00	**BDL**
31	Lobby	N	Door Frame	I	Metal	Black	0.00	**BDL**
32	Lobby	E	Wall	I	Drywall	White	0.00	**BDL**
33	Lobby	E	Blinds	I	Wood	White	0.00	**BDL**
34	Lobby	W	Wall	I	Wood	Tan	-0.30	**BDL**
35	Hallway 1	S	Door	I	Wood	Tan	0.00	**BDL**
36	Hallway 1	S	Door Frame	I	Wood	Tan	0.00	**BDL**
37	Hallway 1	S	Wall	I	Drywall	Tan	0.00	**BDL**
38	Hallway 1	S	Baseboard	I	Wood	Tan	0.00	**BDL**
39	Hallway 1	S	Window Frame	I	Metal	Black	0.00	**BDL**
40	Hallway 1	N	Blinds	I	Wood	White	0.00	**BDL**
41	Hallway 1	N	Wall	I	Drywall	White	0.00	**BDL**
42	Entry	W	Wall	I	Drywall	Tan	0.00	**BDL**
43	Entry	W	Baseboard	I	Wood	Tan	0.00	**BDL**
44	Entry	W	Window Frame	I	Metal	Black	0.00	**BDL**
45	Entry	W	Door Frame	I	Metal	Black	0.00	**BDL**
46	Entry	S	Wall	I	Wood	Tan	0.00	**BDL**
47	Entry	N	Ceiling	I	Drywall	Tan	0.00	**BDL**
48	Dining Area 1 / Dining Area 2	S	Wall	I	Drywall	Tan	0.00	**BDL**
49	Dining Area 1 / Dining Area 2	N	Wall	I	Drywall	Tan	0.00	**BDL**
50	Dining Area 1 / Dining Area 2	N	Ceiling	I	Drywall	Tan	0.00	**BDL**
51	Dining Area 1 / Dining Area 2	N	Ceiling	I	Drywall	White	0.00	**BDL**
52	Dining Area 1 / Dining Area 2	N	Vent	I	Metal	Tan	0.03	**LCM**
53	Dining Area 1 / Dining Area 2	N	Light Hanging Beam	I	Metal	Tan	0.00	**BDL**
54	Dining Area 1 / Dining Area 2	N	Ceiling	I	Wood	Tan	0.00	**BDL**
55	Dining Area 1 / Dining Area 2	N	Ceiling	I	Drywall	Tan	0.00	**BDL**
56	Dining Area 1 / Dining Area 2	N	Floor	I	Concrete	Dark Orange	0.00	**BDL**
57	Dining Area 1 / Dining Area 2	N	Floor	I	Concrete	Brown	0.00	**BDL**
58	Dining Area 1 / Dining Area 2	N	Floor	I	Concrete	Dark Gray	0.00	**BDL**
59	Electrical Closet	W	Door	I	Wood	Tan	0.00	**BDL**
60	Electrical Closet	W	Door Frame	I	Wood	Tan	0.00	**BDL**
61	Electrical Closet	E	Electrical Box	I	Metal	Dark Blue	0.00	**BDL**

Table 7-1: Lead-Paint XRF Analyzer Results

Reading	Room / Location*	Side[1]	Structure	Condition[2]	Substrate	Color	Lead Concentration (mg/cm^2)	Classification[3]
62	Women's Restroom	N	Drain Hole	I	Metal	Dark Gray	29.8	LBP
63	Women's Restroom	N	Wall	I	12"x12" Ceramic Tile	Tan	0.00	BDL
64	Women's Restroom	N	Wall	I	24"X24" Ceramic Tile	Tan	0.00	BDL
65	Women's Restroom	N	Wall	I	2'x4' Ceramic Tile	Tan	4.4	LBP
66	Women's Restroom	N	Floor	I	Ceramic	Tan	0.00	BDL
67	Women's Restroom	N	Wall	I	Drywall	Tan	0.00	BDL
68	Women's Restroom	W	Stall	I	Wood	Brown	0.00	BDL
69	Women's Restroom	W	Toilet	I	Porcelain	White	0.02	LCM
70	Women's Restroom	W	Sink	I	Porcelain	White	0.08	LCM
71	Women's Restroom	E	Door	I	Wood	Tan	0.00	BDL
72	Women's Restroom	E	Wall	I	1'x1' Ceramic	Multi-Color	0.00	BDL
73	Women's Restroom	E	Door Frame	I	Wood	Tan	0.00	BDL
74	Middle Calibration						1.0	
75	Middle Calibration						1.1	
76	Middle Calibration						1.1	
77	Men's Restroom	N	Drain Hole	I	Metal	Dark Gray	19.1	LBP
78	Men's Restroom	E	Wall	I	12"x12" Ceramic Tile	Tan	0.01	LCM
79	Men's Restroom	E	Wall	I	24"X24" Ceramic Tile	Tan	0.01	LCM
80	Men's Restroom	N	Wall	I	2'x4' Ceramic Tile	Tan	5.6	LBP
81	Men's Restroom	N	Floor	I	Ceramic	Tan	0.00	BDL
82	Men's Restroom	N	Wall	I	Drywall	Tan	0.00	BDL
83	Men's Restroom	W	Stall	I	Wood	Brown	0.00	BDL
84	Men's Restroom	E	Urinal	I	Porcelain	White	0.00	BDL
85	Men's Restroom	E	Sink	I	Porcelain	White	0.01	LCM
86	Men's Restroom	W	Door	I	Wood	Tan	0.00	BDL
87	Men's Restroom	W	Door Frame	I	Wood	Tan	0.00	BDL
88	Men's Restroom	E	Wall	I	1'x1' Ceramic	Multi-Color	0.00	BDL
89	Hallway 2	S	Floor	I	Concrete	Dark Orange	0.00	BDL
90	Hallway 2	S	Floor	I	Concrete	Brown	0.00	BDL
91	Hallway 2	S	Floor	I	Concrete	Dark Gray	0.00	BDL
92	Hallway 2	E	Wall	I	Drywall	Tan	0.00	BDL
93	Hallway 2	E	Baseboard	I	Wood	Tan	0.00	BDL
94	Hallway 2	N	Door Frame	I	Metal	Black	0.00	BDL
95	Hallway 2	N	Window frame	I	Metal	Black	0.00	BDL
96	Hallway 2	E	Door	I	Wood	White	0.00	BDL
97	Hallway 2	E	Door Frame	I	Wood	Tan	0.00	BDL
98	Hallway 2	N	Ceiling	I	Drywall	Tan	0.00	BDL
99	Hallway 2	E	Wall	I	Wood	Tan	0.00	BDL

Table 7-1: Lead-Paint XRF Analyzer Results

Reading	Room / Location*	Side[1]	Structure	Condition[2]	Substrate	Color	Lead Concentration (mg/cm^2)	Classification[3]
100	Janitor Closet	N	Wall	I	Drywall	Tan	0.00	**BDL**
101	Janitor Closet	N	Baseboard	I	Wood	Tan	0.00	**BDL**
102	Janitor Closet	N	Ceiling	I	Drywall	Tan	0.00	**BDL**
103	Janitor Closet	S	Door Frame	I	Wood	Tan	0.00	**BDL**
104	Bar / Kitchen	W	Wall	I	Ceramic	White	9.5	**LBP**
105	Bar / Kitchen	N	Wall	I	Ceramic	Orange	0.5	**LCM**
106	Bar / Kitchen	N	Electrical Panel	I	Metal	Red	0.30	**LCM**
107	Bar / Kitchen	E	Cabinet	I	Metal	Orange	0.9	**LBP**
108	Bar / Kitchen	W	Wall	I	Wood	Tan	0.00	**BDL**
109	Bar / Kitchen	W	Drain Hole	I	Metal	White	1.3	**LBP**
110	Bar / Kitchen	W	Drain Hole	I	Metal	Black	0.6	**LCM**
111	Bar / Kitchen	E	Countertop	I	Wood	Brown	0.01	**LCM**
112	Bar / Kitchen	E	Cabinet	I	Wood	Black / Brown	0.26	**LCM**
113	Bar / Kitchen	E	Window Frame	I	Wood	Tan	0.00	**BDL**
114	Dining Area 3	E	Door Frame	I	Metal	Black	0.00	**BDL**
115	Dining Area 3	E	Window Frame	I	Wood	Tan	0.00	**BDL**
116	Dining Area 3	E	Wall	I	Wood	Tan	0.00	**BDL**
117	Dining Area 3	E	Ceiling	I	Wood	Tan	0.00	**BDL**
118	Dining Area 3	S	Ceiling	I	Drywall	Tan	0.00	**BDL**
119	Dining Area 3	W	Vent	I	Metal	Tan	0.00	**BDL**
120	Dining Area 3	S	Wall	I	Drywall	Tan	0.00	**BDL**
121	Light Room	N	Wall	I	Drywall	Tan	0.00	**BDL**
122	Light Room	E	Electrical Panel	I	Metal	Tan	0.00	**BDL**
123	Light Room	E	Baseboard	I	Wood	Tan	0.00	**BDL**
124	Ending Calibration						1.0	
125	Ending Calibration						1.1	
126	Ending Calibration						1.1	
127	Beginning Calibration						1.0	
128	Beginning Calibration						1.1	
129	Beginning Calibration						1.1	
130	Storage 1	W	Wall	I	Drywall	White	-0.3	**BDL**
131	Storage 1	W	Baseboard	I	Wood	White	-0.2	**BDL**
132	Storage 1	N	Ceiling	I	Drywall	White	0.00	**BDL**
133	Storage 3	N	Wall	I	Drywall	White	0.00	**BDL**
134	Storage 3	E	Wall	I	Wood	White	0.00	**BDL**
135	Storage 3	W	Door Frame	I	Wood	White	0.00	**BDL**
136	Storage 3	W	Door	I	Wood	Shellac	0.00	**BDL**
137	Back Kitchen / Main Kitchen	E	Wall	I	Drywall	Yellow	0.00	**BDL**

Table 7-1: Lead-Paint XRF Analyzer Results

Reading	Room / Location*	Side[1]	Structure	Condition[2]	Substrate	Color	Lead Concentration (mg/cm^2)	Classification[3]
138	Back Kitchen / Main Kitchen	N	Wall	I	Ceramic	Yellow	9.9	**LBP**
139	Back Kitchen / Main Kitchen	N	Ceiling Tile	I	Compressed	White	0.00	**BDL**
140	Back Kitchen / Main Kitchen	W	Wall	I	Ceramic	Yellow	9.9	**LBP**
141	Back Kitchen / Main Kitchen	S	Wall	I	Ceramic	Yellow	9.9	**LBP**
142	Back Kitchen / Main Kitchen	S	Drain Hole	I	Metal	Dark Gray	9.9	**LBP**
143	Server Room	S	Wall	I	Ceramic	Orange	-0.1	**BDL**
144	Server Room	S	Floor	I	Ceramic	Red	-0.2	**BDL**
145	Server Room	N	Wall	I	Drywall	White	0.00	**BDL**
146	Server Room	N	Wall	I	Drywall	Tan	0.00	**BDL**
147	Server Room	N	Ceiling Tile	I	Compressed	White	0.00	**BDL**
148	Restroom	N	Wall	I	Ceramic	White	9.9	**LBP**
149	Restroom	W	Wall	I	Drywall	White	0.2	**LCM**
150	Restroom	E	Sink	I	Porcelain	White	0.00	**BDL**
151	Restroom	N	Toilet	I	Porcelain	White	0.00	**BDL**
152	Restroom	W	Door Frame	I	Wood	White	0.00	**BDL**
153	Restroom	W	Door	I	Wood	Shellac	0.00	**BDL**
154	Storage 2	W	Shelf	I	Wood	White	0.00	**BDL**
155	Storage 2	E	Wall	I	Drywall	White	0.00	**BDL**
156	Bungalow 1	N	Wall	I	Drywall	White	0.1	**LCM**
157	Bungalow 1	N	Baseboard	I	Wood	White	0.1	**LCM**
158	Bungalow 1	N	Ceiling	I	Drywall	White	0.1	**LCM**
159	Bungalow 1	E	Countertop	I	Wood	White	0.0	**BDL**
160	Bungalow 1	E	Cabinet	I	Wood	Shellac	0.00	**BDL**
161	Bungalow 1	E	Door Frame	I	Wood	White	0.1	**LCM**
162	Bungalow 1 Closet Area	N	Wall	I	Drywall	White	0.1	**LCM**
163	Bungalow 1 Closet Area	N	Baseboard	I	Wood	White	0.1	**LCM**
164	Bungalow 1 Closet Area	S	Sink	I	Porcelain	White	0.00	**BDL**
165	Bungalow 1 Closet Area	S	Cabinet	I	Wood	Shellac	0.00	**BDL**
166	Bungalow 1 Bathroom 1	N	Wall	I	Drywall	White	0.00	**BDL**
167	Bungalow 1 Bathroom 1	N	Ceiling	I	Drywall	White	0.00	**BDL**
168	Bungalow 1 Bathroom 1	S	Window Frame	I	Metal	Black	0.00	**BDL**
169	Bungalow 1 Bathroom 1	S	Toilet	I	Porcelain	White	0.00	**BDL**
170	Bungalow 2	N	Wall	I	Drywall	White	0.2	**LCM**
171	Bungalow 2	N	Baseboard	I	Wood	White	0.2	**LCM**
172	Bungalow 2	N	Door Frame	I	Metal	Black	0.00	**BDL**
173	Bungalow 2	N	Ceiling	I	Drywall	White	0.1	**LCM**
174	Bungalow 2	S	Vent	I	Metal	White	0.00	**BDL**
175	Bungalow 2 Kitchen	S	Cabinet	I	Wood	Shellac	0.00	**BDL**

Table 7-1: Lead-Paint XRF Analyzer Results

Reading	Room / Location*	Side[1]	Structure	Condition[2]	Substrate	Color	Lead Concentration (mg/cm^2)	Classification[3]
176	Bungalow 2 Kitchen	S	Countertop	I	Wood	White	0.00	**BDL**
177	Bungalow 2 Kitchen	S	Door Frame	I	Wood	White	0.1	**LCM**
178	Bungalow 2 Bathroom 2	S	Toilet	I	Porcelain	White	0.00	**BDL**
179	Bungalow 2 Bathroom 2	N	Countertop	I	Stone	Tan	0.00	**BDL**
180	Bungalow 2 Bathroom 2	N	Cabinet	I	Wood	Shellac	0.00	**BDL**
181	Bungalow 2 Bathroom 2	E	Wall	I	Drywall	White	0.1	**LCM**
182	Bungalow 2 Bathroom 2	E	Baseboard	I	Wood	White	0.1	**LCM**
183	Bungalow 3	N	Wall	I	Drywall	White	0.2	**LCM**
184	Bungalow 3	N	Baseboard	I	Wood	White	0.2	**LCM**
185	Bungalow 3	S	Closet	I	Wood	Shellac	0.00	**BDL**
186	Bungalow 3	N	Door Frame	I	Metal	Black	0.00	**BDL**
187	Room 1	S	Wall	I	Drywall	White	0.1	**LCM**
188	Room 1	N	Baseboard	I	Wood	White	0.2	**LCM**
189	Room 1	N	Door Frame	I	Wood	White	0.1	**LCM**
190	Room 1	N	Door	I	Wood	White	0.00	**BDL**
191	Room 2	N	Wall	I	Drywall	White	0.1	**LCM**
192	Room 2	N	Baseboard	I	Wood	White	0.1	**LCM**
193	Room 2	S	Ceiling	I	Drywall	White	0.00	**BDL**
194	Room 2	S	Vent	I	Metal	White	0.00	**BDL**
195	Kitchen	E	Countertop	I	Wood	White	0.0	**BDL**
196	Kitchen	E	Cabinet	I	Wood	Shellac	-0.1	**BDL**
197	Kitchen	S	Door	I	Wood	White	0.00	**BDL**
198	Kitchen	S	Door Frame	I	Wood	White	0.1	**LCM**
199	Kitchen	W	Electrical Panel	I	Metal	Dark Blue	0.3	**LCM**
200	Bathroom	N	Wall	I	Drywall	White	0.00	**BDL**
201	Bathroom	N	Ceiling	I	Drywall	White	0.00	**BDL**
202	Bathroom	S	Baseboard	I	Wood	White	0.1	**LCM**
203	Bathroom	N	Countertop	I	Stone	Tan	0.00	**BDL**
204	Middle Calibration						1.0	
205	Middle Calibration						1.1	
206	Middle Calibration						1.1	
207	Bathroom	N	Cabinet	I	Wood	Shellac	0.00	**BDL**
208	Office	N	Wall	I	Wood	Brown	-0.1	**BDL**
209	Office	N	Door Frame	I	Metal	Black	0.00	**BDL**
210	Office	W	Baluster	I	Wood	Dark Brown	0.2	**LCM**
211	Office	W	Handrail	I	Wood	Shellac	0.00	**BDL**
212	Office	W	Handrail	I	Metal	Black	0.3	**LCM**
213	Office	S	Baseboard	I	Wood	Shellac	0.2	**LCM**

Table 7-1: Lead-Paint XRF Analyzer Results

Reading	Room / Location*	Side[1]	Structure	Condition[2]	Substrate	Color	Lead Concentration (mg/cm^2)	Classification[3]
214	Office	W	Door Frame	I	Wood	White	0.1	LCM
215	Office	W	Door	I	Wood	Shellac	0.1	LCM
216	Bungalow 4	N	Baseboard	I	Wood	Shellac	0.2	LCM
217	Bungalow 4	N	Wall	I	Wood	Brown	0.00	BDL
218	Bungalow 4	N	Ceiling	I	Wood	Shellac	0.00	BDL
219	Bungalow 4	N	Ceiling	I	Wood	Brown	0.00	BDL
220	Bungalow 4	W	Wall	I	Wood	Shellac	0.00	BDL
221	Closet	N	Ceiling	I	Drywall	White	0.1	LCM
222	Closet	E	Baseboard	I	Wood	Shellac	0.1	LCM
223	Closet	S	Door Frame	I	Wood	White	0.1	LCM
224	Bathroom	N	Wall	I	Ceramic	Orange	0.5	LCM
225	Bathroom	N	Wall	I	Ceramic	White	9.9	LBP
226	Bathroom	N	Wall	I	Drywall	White	0.00	BDL
227	Bathroom	N	Ceiling	I	Drywall	White	0.00	BDL
228	Bathroom	W	Toilet	I	Porcelain	White	0.00	BDL
229	Bathroom	S	Countertop	I	Ceramic	White	9.9	LBP
230	Bathroom	S	Sink	I	Porcelain	White	9.9	LBP
231	Bathroom	S	Shower Wall	I	Ceramic	Orange	0.3	LCM
232	Exterior	N	Handrail	I	Metal	Tan	0.3	LCM
233	Exterior	W	Handrail	I	Metal	Tan	0.3	LCM
234	Exterior	S	Door	I	Wood	Tan	0.00	BDL
235	Exterior	S	Door Frame	I	Wood	Tan	0.00	BDL
236	Exterior	S	Eave	I	Wood	Tan	0.00	BDL
237	Exterior	S	Fascia	I	Wood	Tan	-0.1	BDL
238	Exterior	S	Gutter	I	Wood	Tan	0.00	BDL
239	Exterior	S	Drain	I	Metal	Tan	0.00	BDL
240	Exterior	S	Wall	I	Wood	Tan	0.00	BDL
241	Exterior	N	Hose Holder	I	Metal	Black	0.1	LCM
242	Exterior	E	Gutter	I	Metal	Green	0.3	LCM
243	Exterior	E	Roof Cap Flashing	I	Metal	Green	0.3	LCM
244	Exterior	E	Beam	I	Wood	Green	0.3	LCM
245	Exterior	N	Overhang	I	Wood	Dark Tan	-0.1	BDL
246	Exterior	N	Pillar	I	Wood	Green	0.0	BDL
247	Exterior	N	Window Frame	I	Metal	Black	-0.5	BDL
248	Exterior	W	Door	I	Wood	Off-White	0.1	LCM
249	Exterior	W	Door Frame	I	Wood	Off-White	0.1	LCM
250	Exterior	W	Wall	I	Wood	Tan	-0.1	BDL
251	Exterior	N	Wall	I	Wood	Tan	-0.1	BDL

Table 7-1: Lead-Paint XRF Analyzer Results

Reading	Room / Location*	Side[1]	Structure	Condition[2]	Substrate	Color	Lead Concentration (mg/cm^2)	Classification[3]
252	Exterior	W	Electrical Panel	I	Metal	Tan	0.2	**LCM**
253	Exterior	W	Downspout	I	Metal	Off-White	0.1	**LCM**
254	Exterior	W	Gutter	I	Metal	Off-White	0.1	**LCM**
255	Exterior	W	Window Frame	I	Wood	Tan	0.0	**BDL**
256	Exterior	S	Wall	I	Light Weight Concrete	Tan	-0.1	**BDL**
257	Exterior	S	Wall	I	Concrete	Brown	-0.4	**BDL**
258	Exterior	S	Wall	I	Light Weight Concrete	Dark Green	-0.1	**BDL**
259	Exterior	S	Planter	I	Concrete	Tan	-0.5	**BDL**
260	Exterior	S	Planter	I	Concrete	Brown	0.0	**BDL**
261	Exterior	S	Door	I	Metal	Tan	-0.2	**BDL**
262	Exterior	S	Door Frame	I	Metal	Tan	0.3	**LCM**
263	Exterior	S	Conduit	I	Metal	Tan	0.5	**LCM**
264	Exterior	E	Wall	I	Wood	Tan	-0.1	**BDL**
265	Exterior	E	Pillar	I	Wood	Green	0.1	**LCM**
266	Exterior	NE	Pillar	I	Wood	Green	0.0	**BDL**
267	Exterior	N	Pillar	I	Wood	Green	0.0	**BDL**
268	Exterior	NW	Pillar	I	Wood	Green	0.1	**LCM**
269	Exterior	N	Wall	I	Wood	Tan	-0.1	**BDL**
270	Exterior	N	Door	I	Metal	Dark Blue	0.3	**LCM**
271	Exterior	N	Door Jamb	I	Metal	Dark Blue	0.3	**LCM**
272	Exterior	N	Door	I	Metal	Dark Blue	0.2	**LCM**
273	Exterior	N	Door Jamb	I	Metal	Dark Blue	0.2	**LCM**
274	Exterior	N	Downspout	I	Metal	Green	-0.2	**BDL**
275	Exterior	N	Gutter	I	Metal	Green	-0.2	**BDL**
276	Exterior	N	Louver	I	Metal	Tan	-0.2	**BDL**
277	Ending Calibration						1.0	
278	Ending Calibration						1.1	
279	Ending Calibration						1.1	

Legend:

[1]Side: N = North, E = East, W = West, S = South
[2]Paint Condition: I = Intact, D = Deteriorated
[3]Classification:
- BDL = Below the XRF's detection level; <0.1 mg/cm^2.
- **LCM** = Lead Containing Materials (LCM); ≥0.1 mg/cm^2
- **LBP** = Lead-Based Paints (LBP); ≥0.7 mg/cm^2.
- LA County Department of Health Services (DHS) considers 0.7 mg/cm^2 Lead-Based Paint.

*Locations are estimates based on accessible materials located in the survey area only. Additional locations may be present at the Subject Property.

8.0 CONCLUSIONS AND RECOMMENDATIONS

ASBESTOS-CONTAINING BUILDING MATERIALS

TES has the following conclusions and recommendations based on the findings of the asbestos-containing building materials survey:

- The asbestos survey was performed in accordance with the EPA's NESHAP asbestos regulations protocol for sample collection for demolition/renovation surveys and SCAQMD Rule 1403 and sample analysis in accordance with EPA's "Method for the Determination of Asbestos in Bulk Building Materials" (EPA 600-R-93-116).
- A California licensed and DOSH/Cal-OSHA registered asbestos abatement contractor should be contracted to remove/abate ACMs/ACCMs and materials containing asbestos that are damaged or will be disturbed.
- A DOSH/Cal-OSHA Certified Asbestos Consultant should be contracted to conduct monitoring and clearance of any removal/abatement of ACMs/ACCMs and materials containing asbestos.
- Any materials that have not been identified in this report should be considered suspect ACMs/ACCMs and handled as ACM unless sampled by a DOSH/Cal-OSHA Certified Asbestos Consultant proven to be non-ACM by laboratory analysis.
- Material quantities provided in this report are for information purposes exclusively, and are not intended to be the basis of a contractor's bid for removal or abatement. Contractors are required to field verify materials and quantities for the purposes of bidding on contracted work.
- All asbestos activities must be performed in accordance with all applicable federal, state and local regulations including, but not limited to those summarized in this report.

LEAD-BASED PAINTS / LEAD-CONTAINING MATERIALS

TES has the following conclusions and recommendations based on the findings of the lead in paint survey:

- For the purpose of this lead survey, any material containing any detectable level of lead is subject to OSHA's Lead Exposure in Construction Rule Title 29, Code of Federal Regulations, Part 1926, Section 62 (29 CFR 1926.62) and Title 8, California Code of Regulations, Section 1532.1 (8 CCR 1532.1).
- In accordance with 29 CFR 1926.62 and 8 CCR 1532.1, any disturbance of LCM and/or LBP should be performed by lead hazard communication trained workers using lead safe work practices that do not result in exposures above the Action Level (AL) of 30 micrograms per cubic meter of air (µg/m^3) and/or Permissible Exposure Limit (PEL) of 50 µg/m^3.

- In accordance with Resource Conservation and Recovery Act (RCRA) Title 40, Code of Federal Regulations, Part 261 (40 CFR 261) and California Department of Toxic Substance Control (DTSC) requirements, all lead containing wastes should be sampled and analyzed for total and leachable lead concentrations and disposed of accordingly based on the waste characterization analytical results.
- Any paints/coatings that have not been identified in this report should be considered presumed LBP and handled as LBP unless sampled by a CDPH Certified Lead Inspector/Assessor and proven to be non-LBP by laboratory analysis.
- All lead activities must be performed in accordance with all applicable federal, state and local regulations, including but not limited to those summarized in this report.

9.0 CERTIFICATION

This sampling, including preparation of this report, was conducted under the direction of Robert Menald, (CAC No. 08-4323 and CDPH LRCIA No. LRC-00005260), and Ibrahim M. Sobeih (CAC No. 06-4078 and CIH in the Comprehensive Practice by the American Board of Industrial Hygiene [ABIH Certificate No. 5628CP]), undersigned. If you have any questions or require any additional information or services, please contact our office toll free at (888) 948-4826.

Sincerely,

Titan Environmental Solutions, Inc.

Robert Menald, CIEC, CAC, LRCIA
Project Manager

Ibrahim M. Sobeih, MS, MSPH, CIH, CAC, FAIHA
Director of Industrial Hygiene and Safety

10.0 LIMITATIONS

TES is committed to providing state-of-the-art environmental consulting services that are of the highest quality. However, asbestos and lead-containing materials survey work is not an exact science. The possibility of field and general conditions beyond TES control that affect our work or that present a concern for the safety of our employees, our consultants, building occupants and the public at the site, and insurance constraints, requires that we qualify the services we provide with the following limitations:

- In accordance with the client specified scope of work, this survey was limited to accessible building materials and areas at the Subject Property identified by the Client; no destructive investigation was performed. Additional suspect materials located inaccessible areas and/or outside the scope of this survey may be present at the Subject Property.

- Reasonable effort is made by TES personnel to locate and sample all suspect hazardous materials. However, for any building there is the possibility that various types of unique or concealed hazardous materials may exist undetected. In addition, sampling and laboratory analyses constraints typically hinder the investigation. TES does not warrant, guarantee or profess to have the ability to locate or identify all hazardous materials in a building.
- Confined spaces and areas determined by TES personnel to be unsafe to access, are excluded from the scope of work.
- TES is not, and has no responsibility as, a generator, operator, treater, storer, transporter or disposer of hazardous materials or waste found or identified as a result of TES work.
- TES does not guarantee or warrant that the Subject Property or workplace are safe, nor does TES involvement in this property relieve the Client, building owner/operator or tenant of any continuing responsibility of providing a safe property or workplace.
- This report was based on those conditions observed on the day(s) the field evaluation was accomplished. In the event that changes in the nature of the property have occurred, or additional relevant information about the property is subsequently discovered, the findings and recommendations contained in this report may not be valid unless these changes and additional relevant information are reviewed and the conclusion of this report is modified and verified in writing.
- It is understood that the survey is a non-destructive assessment of potential hazardous materials and is to be used expressly for the purpose of evaluating the risk relative to the expected material disturbance at the Subject Property. Because destructive investigation has not been performed during the survey, the report may not reveal concealed hazardous materials. Subsequently, additional investigation including construction documents review and/or destructive investigation is recommended as a precaution to prevent accidental exposure when construction or demolition is planned for this Subject Property.
- It is understood that this is a modified survey and results are limited to the specific areas and materials sampled. This report is not valid for use outside of the specific areas identified by the Client or by individuals not associated with the currently planned work at the Subject Property.

ATTACHMENT I

LABORATORY ANALYTICAL REPORT(S)

(INCLUDING CHAIN OF CUSTODY FORMS)

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: 101459-1

TITAN Environmental Solutions, Inc.
Tony Lam
1521 E. Orangethorpe Ave.
Suite B
Fullerton, CA 92831

Client ID: L1630
Report Number: B344430
Date Received: 02/20/23
Date Analyzed: 02/24/23
Date Printed: 02/28/23
First Reported: 02/24/23

Job ID/Site: 108916-AS, XRF - Azusa Greens Country Club, 919 Sierra Madre Ave. Azusa, CA 91702
Date(s) Collected: 02/16/2023

SGSFL Job ID: L1630
Total Samples Submitted: 173
Total Samples Analyzed: 169

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021601-01	51639661						
Layer: Black Semi-Fibrous Tar		Chrysotile	**5 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (5%)**					
021601-02	51639662						
Comment: Sample not analyzed due to prior positive result in series.							
021601-03	51639663						
Comment: Sample not analyzed due to prior positive result in series.							
021602-04	51639664						
Layer: White Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021602-05	51639665						
Layer: White Non-Fibrous Material			**ND**				
Layer: Grey Non-Fibrous Material			**ND**				
Layer: Black Tar			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021602-06	51639666						
Layer: White Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021603-07	51639667						
Layer: Grey Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021603-08	51639668						
Layer: Grey Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					

Report Number: B344430

Client Name: TITAN Environmental Solutions, Inc. **Date Printed:** 02/28/23

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021603-09	51639669						
Layer: Grey Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021604-10	51639670						
Layer: Off-White Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021604-11	51639671						
Layer: Off-White Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021604-12	51639672						
Layer: Off-White Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021605-13	51639673						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tars			**ND**				
Layer: Black Felts			**ND**				
Layer: Stones			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (35 %)		**Asbestos (ND)**					
021605-14	51639674						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tars			**ND**				
Layer: Black Felts			**ND**				
Layer: Stones			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (35 %)		**Asbestos (ND)**					
021605-15	51639675						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tars			**ND**				
Layer: Black Felts			**ND**				
Layer: Stones			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (35 %)		**Asbestos (ND)**					
021606-16	51639676						
Layer: Multi-Layer Dark Grey Roof Shingles			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (45 %)		**Asbestos (ND)**					

Report Number: B344430

Client Name: TITAN Environmental Solutions, Inc. **Date Printed:** 02/28/23

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021606-17	51639677						
Layer: Multi-Layer Dark Grey Roof Shingles			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (45 %)		**Asbestos (ND)**					
021606-18	51639678						
Layer: Multi-Layer Dark Grey Roof Shingles			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (45 %)		**Asbestos (ND)**					
021606-19	51639679						
Layer: Multi-Layer Dark Grey Roof Shingles			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (45 %)		**Asbestos (ND)**					
021606-20	51639680						
Layer: Multi-Layer Dark Grey Roof Shingles			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (45 %)		**Asbestos (ND)**					
021607-21	51639681						
Layer: Black Felt with Tar			**ND**				
Total Composite Values of Fibrous Components: Cellulose (80 %)		**Asbestos (ND)**					
021607-22	51639682						
Layer: Black Felt with Tar			**ND**				
Total Composite Values of Fibrous Components: Cellulose (80 %)		**Asbestos (ND)**					
021607-23	51639683						
Layer: Black Felt with Tar			**ND**				
Total Composite Values of Fibrous Components: Cellulose (80 %)		**Asbestos (ND)**					
021607-24	51639684						
Layer: Black Felt with Tar			**ND**				
Layer: Wood			**ND**				
Total Composite Values of Fibrous Components: Cellulose (80 %)		**Asbestos (ND)**					
021607-25	51639685						
Layer: Black Felt with Tar			**ND**				
Total Composite Values of Fibrous Components: Cellulose (80 %)		**Asbestos (ND)**					
021608-26	51639686						
Layer: Black Felt with Tar			**ND**				
Layer: Tan Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (90 %)		**Asbestos (ND)**					

Report Number: B344430

Client Name: TITAN Environmental Solutions, Inc. **Date Printed:** 02/28/23

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021608-27	51639687						
Layer: Black Felt with Tar			**ND**				
Layer: Tan Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (90 %)							
021608-28	51639688						
Layer: Black Felt with Tar			**ND**				
Layer: Tan Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (90 %)							
021609-29	51639689						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tars			**ND**				
Layer: Black Felts			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace) Fibrous Glass (40 %)							
021609-30	51639690						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tars			**ND**				
Layer: Black Felts			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace) Fibrous Glass (40 %)							
021609-31	51639691						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tars			**ND**				
Layer: Black Felts			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace) Fibrous Glass (40 %)							
021609-32	51639692						
Layer: Grey Roof Shingle			**ND**				
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace) Fibrous Glass (20 %) Synthetic (20 %)							
021609-33	51639693						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace) Fibrous Glass (30 %) Synthetic (15 %)							

Report Number: B344430

Client Name: TITAN Environmental Solutions, Inc. **Date Printed:** 02/28/23

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021610-34	51639694						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tar			**ND**				
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tar			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace) Fibrous Glass (45 %)							
021610-35	51639695						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tar			**ND**				
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tar			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace) Synthetic (45 %)							
021610-36	51639696						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tar			**ND**				
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tar			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace) Synthetic (45 %)							
021611-37	51639697						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace) Fibrous Glass (15 %) Synthetic (35 %)							
021611-38	51639698						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace) Fibrous Glass (15 %) Synthetic (35 %)							
021611-39	51639699						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace) Fibrous Glass (15 %) Synthetic (35 %)							
021612-40	51639700						
Layer: Black Tar with Stones			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							

Report Number: B344430

Client Name: TITAN Environmental Solutions, Inc. **Date Printed:** 02/28/23

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021612-41	51639701						
Layer: Black Tar with Stones			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021612-42	51639702						
Layer: Black Tar with Stones			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021613-43	51639703						
Layer: Black Semi-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Synthetic (40 %)		**Asbestos (ND)**					
021613-44	51639704						
Layer: Black Semi-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Synthetic (40 %)		**Asbestos (ND)**					
021613-45	51639705						
Layer: Black Semi-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Synthetic (40 %)		**Asbestos (ND)**					
021614-46	51639706						
Layer: Black Tape with Adhesive			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Synthetic (20 %)		**Asbestos (ND)**					
021614-47	51639707						
Layer: Black Tape with Adhesive			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Synthetic (20 %)		**Asbestos (ND)**					
021614-48	51639708						
Layer: Black Tape with Adhesive			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Synthetic (20 %)		**Asbestos (ND)**					
021615-49	51639709						
Layer: Grey Woven Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (70 %)		**Asbestos (ND)**					
021615-50	51639710						
Layer: Grey Woven Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (70 %)		**Asbestos (ND)**					

Client Name: TITAN Environmental Solutions, Inc.

Report Number: B344430
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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021615-51	51639711						
Layer: Grey Woven Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (70 %)		**Asbestos (ND)**					
021616-52	51639712						
Layer: Dark Pink Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (95 %)		**Asbestos (ND)**					
021616-53	51639713						
Layer: Dark Pink Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (95 %)		**Asbestos (ND)**					
021616-54	51639714						
Layer: Dark Pink Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (95 %)		**Asbestos (ND)**					
021617-55	51639715						
Layer: Black Semi-Fibrous Tar		Chrysotile	**5 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (5%)**					
021617-56	51639716						
Comment: Sample not analyzed due to prior positive result in series.							
021617-57	51639717						
Comment: Sample not analyzed due to prior positive result in series.							
021618-58	51639718						
Layer: Grey Tape with Adhesive			**ND**				
Total Composite Values of Fibrous Components: Cellulose (20 %)		**Asbestos (ND)**					
021618-59	51639719						
Layer: Grey Tape with Adhesive			**ND**				
Total Composite Values of Fibrous Components: Cellulose (20 %)		**Asbestos (ND)**					
021618-60	51639720						
Layer: Grey Tape with Adhesive			**ND**				
Total Composite Values of Fibrous Components: Cellulose (20 %)		**Asbestos (ND)**					
021619-61	51639721						
Layer: Yellow Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (95 %)		**Asbestos (ND)**					

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021619-62	51639722						
Layer: Yellow Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (70 %)		**Asbestos (ND)**					
021619-63	51639723						
Layer: Yellow Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (70 %)		**Asbestos (ND)**					
021620-64	51639724						
Layer: Gold Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (95 %)		**Asbestos (ND)**					
021620-65	51639725						
Layer: Gold Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (70 %)		**Asbestos (ND)**					
021620-66	51639726						
Layer: Gold Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (70 %)		**Asbestos (ND)**					
021621-67	51639727						
Layer: Black Foam			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021621-68	51639728						
Layer: Black Foam			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021621-69	51639729						
Layer: Black Foam			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021622-70	51639730						
Layer: Black Tape with Adhesive			**ND**				
Total Composite Values of Fibrous Components: Cellulose (25 %)		**Asbestos (ND)**					
021622-71	51639731						
Layer: Black Tape with Adhesive			**ND**				
Total Composite Values of Fibrous Components: Cellulose (25 %)		**Asbestos (ND)**					

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021622-72	51639732						
Layer: Black Tape with Adhesive			**ND**				
Total Composite Values of Fibrous Components: Cellulose (25 %)		**Asbestos (ND)**					
021623-73	51639733						
Layer: Foil with Adhesive			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021623-74	51639734						
Layer: Foil with Adhesive			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021623-75	51639735						
Layer: Foil with Adhesive			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021624-76	51639736						
Layer: Black Asphalt			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021624-77	51639737						
Layer: Black Asphalt			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021624-78	51639738						
Layer: Black Asphalt			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021624-79	51639739						
Layer: Black Asphalt			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021624-80	51639740						
Layer: Black Asphalt			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021624-81	51639741						
Layer: Black Asphalt			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021624-82	51639742						
Layer: Black Asphalt			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021625-83	51639743						
Layer: Grey Cementitious Material			**ND**				
Layer: Dark Grey Cementitious Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021625-84	51639744						
Layer: Grey Cementitious Material			**ND**				
Layer: Dark Grey Cementitious Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021625-85	51639745						
Layer: Grey Cementitious Material			**ND**				
Layer: Dark Grey Cementitious Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021626-86	51639746						
Layer: Grey Cementitious Material			**ND**				
Layer: Pink Cementitious Material			**ND**				
Layer: Tan Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021626-87	51639747						
Layer: Grey Cementitious Material			**ND**				
Layer: Pink Cementitious Material			**ND**				
Layer: Tan Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021626-88	51639748						
Layer: Grey Cementitious Material			**ND**				
Layer: Pink Cementitious Material			**ND**				
Layer: Tan Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021627-89	51639749						
Layer: Grey Mortar			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021627-90	51639750						
Layer: Grey Mortar			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021627-91	51639751						
Layer: Grey Mortar			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021628-92	51639752						
Layer: Black Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021628-93	51639753						
Layer: Black Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021628-94	51639754						
Layer: Black Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021629-95	51639755						
Layer: White Non-Fibrous Material			**ND**				
Layer: Grey Non-Fibrous Mat'l with Stones			**ND**				
Layer: Red Non-Fibrous Mat'l with Stones			**ND**				
Layer: Beige Non-Fibrous Mat'l with Stones			**ND**				
Layer: Grey Non-Fibrous Mat'l with Stones			**ND**				
Layer: Red Non-Fibrous Mat'l with Stones			**ND**				
Layer: Beige Non-Fibrous Mat'l with Stones			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Comment: Bulk complex sample.		**Asbestos (ND)**					
021629-96	51639756						
Layer: White Non-Fibrous Mat'l with Stones			**ND**				
Layer: Grey Non-Fibrous Mat'l with Stones			**ND**				
Layer: Red Non-Fibrous Mat'l with Stones			**ND**				
Layer: Beige Non-Fibrous Mat'l with Stones			**ND**				
Layer: Red Non-Fibrous Mat'l with Stones			**ND**				
Layer: Beige Non-Fibrous Mat'l with Stones			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021629-97	51639757						
Layer: Grey Non-Fibrous Mat'l with Stones			**ND**				
Layer: Red Non-Fibrous Mat'l with Stones			**ND**				
Layer: Beige Non-Fibrous Mat'l with Stones			**ND**				
Layer: Red Non-Fibrous Mat'l with Stones			**ND**				
Layer: Beige Non-Fibrous Mat'l with Stones			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021630-98	51639758						
Layer: Brown Non-Fibrous Material			**ND**				
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021630-99	51639759						
Layer: Brown Non-Fibrous Material			**ND**				
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021630-100	51639760						
Layer: Brown Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021631-101	51639761						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021631-102	51639762						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021631-103	51639763						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021631-104	51639764						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021631-105	51639765						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021632-106	51639766						
Layer: Tan Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021632-107	51639767						
Layer: Tan Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021632-108	51639768						
Layer: Tan Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021633-109	51639769						
Layer: Tan Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021633-110	51639770						
Layer: Tan Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021633-111	51639771						
Layer: Tan Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021634-112	51639772						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021634-113	51639773						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021634-114	51639774						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021634-115	51639775						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021634-116	51639776						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021635-117	51639777						
Layer: White Non-Fibrous Material			**ND**				
Layer: Grey Non-Fibrous Mat'l with Stones			**ND**				
Layer: Tan Non-Fibrous Mat'l with Stones			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021635-118	51639778						
Layer: White Non-Fibrous Material			**ND**				
Layer: Grey Non-Fibrous Mat'l with Stones			**ND**				
Layer: Tan Non-Fibrous Mat'l with Stones			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021635-119	51639779						
Layer: White Non-Fibrous Material			**ND**				
Layer: Grey Non-Fibrous Mat'l with Stones			**ND**				
Layer: Tan Non-Fibrous Mat'l with Stones			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021636-120	51639780						
Layer: Yellow Foam			**ND**				
Layer: Grey Fibrous Material			**ND**				
Layer: Yellow Mastic w/ Grey Non-Fibrous Mat'			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Synthetic (20 %)		**Asbestos (ND)**					
021636-121	51639781						
Layer: Yellow Foam			**ND**				
Layer: Grey Fibrous Material			**ND**				
Layer: Yellow Mastic w/ Grey Non-Fibrous Mat'			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Synthetic (20 %)		**Asbestos (ND)**					
021636-122	51639782						
Layer: Yellow Foam			**ND**				
Layer: Grey Fibrous Material			**ND**				
Layer: Yellow Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Synthetic (20 %)		**Asbestos (ND)**					
021637-123	51639783						
Layer: Yellow Mastic with Debris			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021637-124	51639784						
Layer: Yellow Mastic with Debris			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021637-125	51639785						
Layer: Yellow Mastic with Debris			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021638-126	51639786						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Drywall Tape			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (20 %) Fibrous Glass (2 %)		**Asbestos (ND)**					
021638-127	51639787						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (20 %) Fibrous Glass (2 %)		**Asbestos (ND)**					
021638-128	51639788						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (20 %) Fibrous Glass (2 %)		**Asbestos (ND)**					
021638-129	51639789						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (20 %) Fibrous Glass (2 %)		**Asbestos (ND)**					
021638-130	51639790						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (20 %) Fibrous Glass (2 %)		**Asbestos (ND)**					

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021638-131	51639791						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (20 %) Fibrous Glass (2 %)		**Asbestos (ND)**					
021638-132	51639792						
Layer: White Texture			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021639-133	51639793						
Layer: White Texture			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021639-134	51639794						
Layer: White Texture			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021639-135	51639795						
Layer: White Texture			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021639-136	51639796						
Layer: White Texture			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021639-137	51639797						
Layer: White Texture			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021640-138	51639798						
Layer: Light Grey Cementitious Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021640-139	51639799						
Layer: Light Grey Cementitious Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021640-140	51639800						
Layer: Light Grey Cementitious Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021641-141	51639801						
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Synthetic (Trace)		**Asbestos (ND)**					
021641-142	51639802						
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Synthetic (Trace)		**Asbestos (ND)**					
021641-143	51639803						
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Synthetic (Trace)		**Asbestos (ND)**					
021642-144	51639804						
Layer: Beige Sheet Flooring			**ND**				
Layer: Fibrous Backing		Chrysotile	**70 %**				
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (5 %)		**Asbestos (25%)**					
021642-145	51639805						
Layer: Beige Sheet Flooring			**ND**				
Layer: Fibrous Backing		Chrysotile	**70 %**				
Total Composite Values of Fibrous Components: Cellulose (5 %)		**Asbestos (25%)**					
021642-146	51639806						
Layer: Beige Sheet Flooring			**ND**				
Layer: Fibrous Backing		Chrysotile	**70 %**				
Total Composite Values of Fibrous Components: Cellulose (5 %)		**Asbestos (25%)**					
021643-147	51639807						
Layer: Beige Sheet Flooring			**ND**				
Layer: Fibrous Backing		Chrysotile	**70 %**				
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (5 %)		**Asbestos (25%)**					

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021643-148	51639808						
Layer: Beige Sheet Flooring			**ND**				
Layer: Fibrous Backing		Chrysotile	**70 %**				
Layer: Yellow Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (5 %)		**Asbestos (25%)**					
021643-149	51639809						
Layer: Beige Sheet Flooring			**ND**				
Layer: Fibrous Backing		Chrysotile	**70 %**				
Layer: Yellow Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (5 %)		**Asbestos (25%)**					
021644-150	51639810						
Layer: Brown Mastic			**ND**				
Layer: Brown Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (5 %) Fibrous Glass (2 %)		**Asbestos (ND)**					
021644-151	51639811						
Layer: Brown Mastic			**ND**				
Layer: Brown Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (5 %) Fibrous Glass (2 %)		**Asbestos (ND)**					
021644-152	51639812						
Layer: Brown Mastic			**ND**				
Layer: Brown Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (5 %) Fibrous Glass (2 %)		**Asbestos (ND)**					
021645-153	51639813						
Layer: Brown Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (55 %) Fibrous Glass (35 %)		**Asbestos (ND)**					
021645-154	51639814						
Layer: Brown Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (55 %) Fibrous Glass (35 %)		**Asbestos (ND)**					
021645-155	51639815						
Layer: Brown Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (55 %) Fibrous Glass (35 %)		**Asbestos (ND)**					

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021646-156	51639816						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021646-157	51639817						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021646-158	51639818						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021647-159	51639819						
Layer: Black Semi-Fibrous Tar			**ND**				
Layer: Pink Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021647-160	51639820						
Layer: Black Semi-Fibrous Tar			**ND**				
Layer: Pink Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021647-161	51639821						
Layer: Black Semi-Fibrous Tar			**ND**				
Layer: Pink Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021648-162	51639822						
Layer: Dark Grey Grout			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021648-163	51639823						
Layer: Dark Grey Grout			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021648-164	51639824						
Layer: Dark Grey Grout			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021649-165	51639825						
Layer: Pink Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					

Client Name: TITAN Environmental Solutions, Inc.

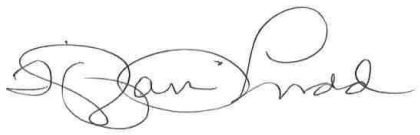
Report Number: B344430
Date Printed: 02/28/23

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
021649-166	51639826						
Layer: Pink Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021649-167	51639827						
Layer: Pink Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021650-168	51639828						
Layer: Black Non-Fibrous Material			**ND**				
Layer: Brown Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021650-169	51639829						
Layer: Black Non-Fibrous Material			**ND**				
Layer: Brown Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021650-170	51639830						
Layer: Black Non-Fibrous Material			**ND**				
Layer: Brown Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
021651-171	51639831						
Layer: Brown Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (90 %)		**Asbestos (ND)**					
021651-172	51639832						
Layer: Brown Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (90 %)		**Asbestos (ND)**					
021651-173	51639833						
Layer: Brown Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (90 %)		**Asbestos (ND)**					

Report Number: B344430

Client Name: TITAN Environmental Solutions, Inc. **Date Printed:** 02/28/23

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



Tiffani Ludd, Laboratory Supervisor, Carson Laboratory

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

Analytical results and reports are generated by SGS Forensic Laboratories (SGSFL) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by SGSFL to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by SGSFL. The client is solely responsible for the use and interpretation of test results and reports requested from SGSFL. SGSFL is not able to assess the degree of hazard resulting from materials analyzed. SGS Forensic Laboratories reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

Asbestos Chain of Custody

TITAN ENVIRONMENTAL SOLUTIONS

Project No.: 108916-AS, XRF
Project Name: Azusa Greens Country Club
Project Address: 914 Sierra Madre Ave. Azusa, CA 91702
Inspector: Mark Hoffman
Sample Date: 02-16-2023
Send Results to: RESULTS.SOCAL@TITAN-ENVIRO.COM
Analysis: PLM Bulk Asbestos Analysis by EPA 600/R-93/116 / Other:

Special Instructions:
☐ Analyze all wall system samples; **Stop at first positive** (>1%) for all single layer, homogenous materials (D)
☑ Stop at first positive (>1%) for **ALL** wall system samples and/or single layer, homogenous materials (G)
☐ Analyze **ALL** samples.
☐ Other:
TAT: 3 hr / 6 hr / 24 hr / Other: 4 Day ☐ Occupied ☑ Unoccupied

Sample Number		Sample Location	Material Description	Material Locations	Quantity
021601	01	NW Roof	Size/Color: Black Roof Penetration Mastic	Roof	20sf
	02	SE Roof	Material:	↓	
	03	SW Roof	Texture/Pattern:	↓	
			Assembly/Layers:		
			Friable / Non-Friable		
			TSI / Surf / Misc.		
			Condition: G / D / SD		
021602	04	W Center Roof	Size/Color: White Roof Mastic	Roof	20sf
	05	SW Roof	Material:	↓	
	06	SE Roof	Texture/Pattern:	↓	
			Assembly/Layers:		
			Friable / Non-Friable		
			TSI / Surf / Misc.		
			Condition: G / D / SD		
021603	07	NE Roof HVAC Vents	Size/Color: Gray HVAC Mastic	Roof HVAC Vents	75sf
	08	NE Center Roof HVAC Vents	Material:	↓	
	09	W Roof HVAC Vents	Texture/Pattern:	↓	
			Assembly/Layers:		
			Friable / Non-Friable		
			TSI / Surf / Misc.		
			Condition: G / D / SD		

Relinquished: (sign): _____ Name (print): Mark Hoffman Date/Time: 02-16
Received by Lab (sign): _____ Name (print): Ashley Salvatierra Date/Time: 10:00 pm 8:35AM D/O 2/20/23

☑ Secure Dropbox ☐ Secure Courier Service

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Asbestos Chain of Custody

Sample Number		Sample Location	Material Description	Material Locations	Quantity
021604	10	SE Roof	White Roof Metal Seam Caulking (Size/Color)	Roof	10 sf
	11	SW Center Roof	Material	↓	
	12	SW Roof	Texture/Pattern	↓	
			Assembly/Layers		
			Friable / (Non-Friable)		
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		
021605	13	SE Rock Aggregate Roof	BURS Roof System (Size/Color)	Roof	320 sf
	14	NW ↓	Material	↓	
	15	Center ↓	Texture/Pattern	↓	
			Assembly/Layers		
			Friable / (Non-Friable)		
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		
021606	16	NE Roof	Multi layer Roof Shingle (Size/Color)	Roof	6600 sf
	17	E Roof	Material (Pitched Roof)	↓	
	18	SW Roof	Texture/Pattern	↓	
	19	NW Roof	Assembly/Layers	↓	
	20	E Center Roof	Friable / (Non-Friable)	↓	
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		

Mark Hoffman

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Asbestos Chain of Custody

Sample Number		Sample Location	Material Description	Material Locations	Quantity
021607	21	NE Roof	Size/Color: Black Roof Felt	Roof	6000sf
	22	E Roof	Material		
	23	SW Roof	Texture/Pattern		
	24	NW Roof	Assembly/Layers		
	25	E Center Roof	Friable / (Non-Friable)		
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		
021608	26	SW Roof	Size/Color: Black/Yellow Roof felt/foam	Roof	500sf
	27	"	Material	"	
	28	"	Texture/Pattern	"	
			Assembly/Layers		
			Friable / (Non-Friable)		
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		
021609	29	NE Roof	Size/Color: Gray Rolled Roof System	Roof	4000sf
	30	NW Roof	Material		
	31	NW Center Roof	Texture/Pattern		
	32	S Roof	Assembly/Layers		
	33	SW Roof	Friable / (Non-Friable)		
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		

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Asbestos Chain of Custody

Sample Number		Sample Location	Material Description	Material Locations	Quantity
021610	34	S Roof	Size/Color: Gray Parapet Wall	Roof	300sf
	35	SW Roof	Material:	"	
	36	SW Roof	Texture/Pattern:	"	
			Assembly/Layers:		
			Friable / (Non-Friable)		
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		
021611	37	SW Roof	Size/Color: Black Rolled Roof System	Roof	250sf
	38	"	Material:	"	
	39	SW Center Roof	Texture/Pattern:	"	
			Assembly/Layers:		
			Friable / (Non-Friable)		
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		
021612	40	E Roof	Size/Color: Black Rolled Roof Seam Mastic	Roof	40sf
	41	S Center Roof	Material:	"	
	42	SW Roof	Texture/Pattern:	"	
			Assembly/Layers:		
			Friable / (Non-Friable)		
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		

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IC8916

Sample Number		Sample Location	Material Description	Material Locations	Quantity
021613	43	SW Roof HVAC	Size/Color: Black HVAC Duct liner	Roof	20sf
	44	"	Material	"	
	45	"	Texture/Pattern	"	
			Assembly/Layers		
			Friable / (Non-Friable)		
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		
021614	46	SW Roof HVAC	Size/Color: Black HVAC Junction type	Roof	2sf
	47	"	Material	"	
	48	"	Texture/Pattern	"	
			Assembly/Layers		
			Friable / (Non-Friable)		
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		
021615	49	W Roof	Size/Color: Gray HVAC Junction type	Roof	10sf
	50	"	Material	"	
	51	"	Texture/Pattern	"	
			Assembly/Layers		
			Friable / (Non-Friable)		
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		

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Asbestos Chain of Custody

Sample Number		Sample Location	Material Description	Material Locations	Quantity
021616	52	NW Center Attic	Size/Color: Pink Insulation	Attic	900sf
	53	SW Center Attic	Material:	↓	
	54	W Attic	Texture/Pattern:	↓	
			Assembly/Layers:		
			Friable / Non-Friable		
			TSI / Surf / Misc.		
			Condition: G / D / SD		
021617	55	SW Attic	Size/Color: Black HVAC Junction Mastic	Attic	2sf
	56		Material:	↓	
	57	↓	Texture/Pattern:	↓	
			Assembly/Layers:		
			Friable / Non-Friable		
			TSI / Surf / Misc.		
			Condition: G / D / SD		
021618	58	S Attic	Size/Color: Gray Attic HVAC Junction type	Attic	10sf
	59	↓	Material:	↓	
	60	↓	Texture/Pattern:	↓	
			Assembly/Layers:		
			Friable / Non-Friable		
			TSI / Surf / Misc.		
			Condition: G / D / SD		

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Asbestos Chain of Custody

Sample Number		Sample Location	Material Description	Material Locations	Quantity
02/6/19	61	NE Attic	Yellow Attic HVAC Insulation Size/Color	Attic	20sf
	62	↓	Material	↓	
	63		Texture/Pattern		
			Assembly/Layers		
			(Friable) / Non-Friable		
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		
02/6/20	64	NE Attic	Orange Attic HVAC Insulation Size/Color	Attic	20sf
	65	↓	Material	↓	
	66		Texture/Pattern		
			Assembly/Layers		
			(Friable) / Non-Friable		
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		
02/6/21	67	NE Center Roof ↓	Black Pipe Wrap Size/Color	Roof	5sf
	68		Material	↓	
	69	NE Center Roof	Texture/Pattern		
			Assembly/Layers		
			Friable / (Non-Friable)		
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		

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Asbestos Chain of Custody

Sample Number		Sample Location	Material Description	Material Locations	Quantity
02/16/22	70	SE Attic	Size/Color: Black Attic HVAC Insulation type	Attic	25 SF
	71	↓	Material	↓	
	72	↓	Texture/Pattern	↓	
			Assembly/Layers		
			Friable / Non-Friable		
			TSI / Surf / Misc.		
			Condition: G / D / SD		
02/16/23	73	SE Attic	Size/Color: Silver Attic HVAC Insulation type	Attic	5 SF
	74	↓	Material	↓	
	75	↓	Texture/Pattern	↓	
			Assembly/Layers		
			Friable / Non-Friable		
			TSI / Surf / Misc.		
			Condition: G / D / SD		
02/16/24	76	NW Parking lot	Size/Color: Black Asphalt	Parking Lot	95,000 SF
	77	SW	Material	↓	
	78	W Center	Texture/Pattern		
	79	NE Center	Assembly/Layers		
	80	SE Center	Friable / Non-Friable		
	81	E	TSI / Surf / Misc.		
	82	SE	Condition: G / D / SD	↓	

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Asbestos Chain of Custody

Sample Number		Sample Location	Material Description	Material Locations	Quantity
021625	83	W Exterior	Gray Concrete Wall (Size/Color)	Exterior	750sf
	84	SW Exterior	Material	↓	
	85	E Exterior	Texture/Pattern	↓	
			Assembly/Layers		
			Friable / Non-Friable		
			TSI / Surf / Misc.		
			Condition: G / D / SD		
021626	86	SE Exterior	Gray/Pink Concrete Wall (Size/Color)	Exterior	150sf
	87	E Exterior	Material	↓	
	88	↓	Texture/Pattern	↓	
			Assembly/Layers		
			Friable / Non-Friable		
			TSI / Surf / Misc.		
			Condition: G / D / SD		
021627	89	SE Exterior	Gray Stone Mortar (Size/Color)	Exterior	50sf
	90	↓	Material	↓	
	91	↓	Texture/Pattern	↓	
			Assembly/Layers		
			Friable / Non-Friable		
			TSI / Surf / Misc.		
			Condition: G / D / SD		

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Asbestos Chain of Custody

Sample Number		Sample Location	Material Description	Material Locations	Quantity
021628	92	N Exterior	Size/Color: Black Window Sealant	Exterior	40sf
	93	SE Exterior	Material	↓	
	94	NE Exterior	Texture/Pattern		
			Assembly/Layers		
			Friable / (Non-Friable)		
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		
021629	95	W Exterior	Size/Color: Tan Sidewalk texture Coat	Exterior	900sf
	96	W Exterior	Material	↓	
	97	↓	Texture/Pattern		
			Assembly/Layers		
			Friable / (Non-Friable)		
			TSI / Surf / (Misc)		
			Condition: (G) / D / SD		
021630	98	W Exterior	Size/Color: Tan Sidewalk Expansion Joint	Exterior	25f
	99	↓	Material	↓	
	100	↓	Texture/Pattern		
			Assembly/Layers		
			Friable / (Non-Friable)		
			TSI / Surf / (Misc)		
			Condition: (G) D / SD		

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Asbestos Chain of Custody

Sample Number		Sample Location	Material Description	Material Locations	Quantity
021631	101	NE Exterior	Size/Color: Gray Concrete Sidewalk	Exterior	1500sf
	102	N Exterior	Material		
	103	S Exterior	Texture/Pattern	↓	
	104	NW Exterior	Assembly/Layers		
	105	NW Exterior	Friable / (Non-Friable)		
			TSI / Surf / (Misc)		
			Condition: (G) / D / SD		
021632	106	S Exterior	Size/Color: Tan Concrete Sidewalk	Exterior	800sf
	107	↓	Material	↓	
	108	↓	Texture/Pattern		
			Assembly/Layers		
			Friable / (Non-Friable)		
			TSI / Surf / (Misc)		
			Condition: (G) / D / SD		
021633	109	NE Balcony	Size/Color: Gray Concrete Balcony	Balcony	150sf
	110	NW Balcony	Material	↓	
	111	W Balcony	Texture/Pattern		
			Assembly/Layers		
			Friable / (Non-Friable)		
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		

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Asbestos Chain of Custody

Sample Number		Sample Location	Material Description	Material Locations	Quantity
QR 16834	112	E Floor Electrical Closet	Size/Color: Gray Concrete Slab	Electrical Closet	12000sf
	113	Center Floor Bar/kitchen	Material	Bar/kitchen	
	114	W Floor Storage 1	Texture/Pattern	Storage 1	
	115	NE Floor Back kitchen	Assembly/Layers	Back kitchen	
	116	W Floor Main kitchen	Friable / Non-Friable	Main kitchen	
			TSI / Surf / Misc.		
			Condition: G / D / SD		
021635	117	W Floor Dining Area 1	Size/Color: Tan Floor Coating	Dining Area 1	2200sf
	118	NW Floor Dining Area 3	Material	Dining Area 3	
	119	SE Floor Dining Area 1	Texture/Pattern	Dining Area 1	
			Assembly/Layers		
			Friable / Non-Friable		
			TSI / Surf / Misc.		
			Condition: G / D / SD		
021636	120	E Floor Dining Area 1	Size/Color: Tan Carpet Plastic on Pad	Dining Area 1	3000sf
	121	S Floor Dining Area 2	Material	Dining Area 2	
	122	W Floor Dining Area 3	Texture/Pattern	Dining Area 3	
			Assembly/Layers		
			Friable / Non-Friable		
			TSI / Surf / Misc.		
			Condition: G / D / SD		

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Asbestos Chain of Custody

Sample Number		Sample Location	Material Description	Material Locations	Quantity
021637	123	E floor Dining Area 1	Size/Color: Yellow Carpet Mastic (under pad)	Dining Area 1	300sf
	124	S floor Dining Area 2	Material	Dining Area 2	
	125	W floor Dining Area 3	Texture/Pattern	Dining Area 3	
			Assembly/Layers		
			02/16/23 Friable / (Non-Friable)		
			MH TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		
021638	126	N end E wall Bungalow 1	Size/Color: White Brick wall Join Compound	Bungalow 1	1200sf
	127	S end Bungalow 2	Material	Bungalow 2	
	128	N end Bungalow 3	Texture/Pattern	Bungalow 3	
	129	E end N wall Dining 2	Assembly/Layers	Dining 2	
	130	N end Womens Restroom 1	Friable / (Non-Friable)	Women Restroom 1	
	131	N end W wall Electrical closet	TSI / Surf / (Misc.)	Electrical Closet	
	132	E end S wall Hallway 1	Condition: (G) / D / SD	Hallway 1	
021639	133	Center Ceiling Bungalow 3	Size/Color: White Acoustic	Bungalow 3	1400sf
	134	SW Ceiling Bungalow 3	Material	↓	
	135	SW Ceiling Bungalow 2	Texture/Pattern	Bungalow 2	
	136	SE Ceiling Bungalow 1	Assembly/Layers	Bungalow 1	
	137	NW Ceiling Bungalow 1	(Friable) / Non-Friable	↓	
			TSI / (Surf) / Misc.		
			Condition: (G) / D / SD		

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Asbestos Chain of Custody

Sample Number		Sample Location	Material Description	Material Locations	Quantity
021640	138	SW Floor Bungalow 2	Size/Color: Gray Concrete Floor	Bungalow 2	2500sf
	139	↓	Material:	↓	
	140	NW Floor Bungalow 1	Texture/Pattern:	Bungalow 1	
			Assembly/Layers:		
			Friable / Non-Friable		
			TSI / Surf / Misc.		
			Condition: G / D / SD		
021641	141	Center Floor Bungalow 2	Size/Color: Orange Carpet Mastic	Bungalow 2	200sf
	142	↓	Material:	↓	
	143	Center Floor Bungalow 1	Texture/Pattern:	Bungalow 1	
			Assembly/Layers:		
			Friable / Non-Friable		
			TSI / Surf / Misc		
			Condition: G / D / SD		
021642	144	W Floor Bathroom 1	Size/Color: Tan Linoleum Floor	Bathroom 1	60sf
	145	↓	Material: hexagon pattern	↓	
	146		Texture/Pattern:		
			Assembly/Layers:		
			02/16/23 Friable / ~~Non-Friable~~		
			MH TSI / Surf / Misc		
			Condition: G / ~~D~~ / SD		

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Asbestos Chain of Custody

Sample Number		Sample Location	Material Description	Material Locations	Quantity
021643	147	SE floor Bathroom 3	Size/Color Tan Linoleum Floor	Bathroom 3	15sf
	148	W floor kitchen 3	Material	Kitchen 3	
	149	NW floor Kitchen 2	Texture/Pattern	Kitchen 2	
			Assembly/Layers		
			02/16/23 Friable / Non-Friable		
			MH TSI / Surf / Misc.		
			Condition: G / D / SD		
021644	150	SE Ceiling Back kitchen	Size/Color Brown Ceiling tile Mastic	Back kitchen	300sf
	151	"	Material	"	
	152	"	Texture/Pattern		
			Assembly/Layers		
			Friable / Non-Friable		
			TSI / Surf / Misc		
			Condition: G / D / SD		
021645	153	SE Ceiling Back kitchen	Size/Color White Ceiling tile	Back kitchen	100sf
	154	"	Material	"	
	155	"	Texture/Pattern		
			Assembly/Layers		
			Friable / Non-Friable		
			TSI / Surf / Misc.		
			Condition: G / D / SD		

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Asbestos Chain of Custody

Sample Number		Sample Location	Material Description	Material Locations	Quantity
021646	156	N Floor Exterior	Size/Color: Gray Rock Concrete Floor	Exterior	3000sf
	157	↓	Material	↓	
	158	SE Floor Staircase 2	Texture/Pattern	Staircase 2	
			Assembly/Layers		
			Friable / (Non-Friable)		
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		
021647	159	NW Balcony	Size/Color: Black Balcony Gutter Mastic	Balcony	15sf
	160	↓	Material	↓	
	161		Texture/Pattern		
			Assembly/Layers		
			Friable / (Non-Friable)		
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		
021648	162	NE Floor Light Room	Size/Color: Gray tile Grout	Light Room	500sf
	163	↓	Material (thick)	↓	
	164		Texture/Pattern		
			Assembly/Layers		
			Friable / (Non-Friable)		
			TSI / Surf / (Misc.)		
			Condition: (G) / D / SD		

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Sample Number		Sample Location	Material Description	Material Locations	Quantity
021649	165	N Floor Womens Restroom 1	Gray tile Grout Size/Color	Womens Restroom 1	400sf
	166	↓	Material (9"x9")	↓	
	167		Texture/Pattern		
			Assembly/Layers		
			Friable / Non-Friable		
			TSI / Surf / Misc.		
			Condition: G / D / SD		
021650	168	SW Wall Storage 3	Brown Cove Base Mastic Size/Color	Storage 3	10sf
	169	↓	Material	↓	
	170		Texture/Pattern		
			Assembly/Layers		
			Friable / Non-Friable		
			TSI / Surf / Misc.		
			Condition: G / D / SD		
021651	171	NW Wall Mens Restroom 1	Black Wall Tile Barrier Size/Color	Mens Restroom 1	100sf
	172	↓	Material	↑	
	173		Texture/Pattern		
			Assembly/Layers		
			Friable / Non-Friable		
			TSI / Surf / Misc.		
			Condition: G / D / SD		

Mark Hoffman

Titan Environmental - XRF Field Sheet

Project Number:	10□□1□-□R□	**Inspector Name:**	Mr□□□□□
Project Name:	□□□□□ □r□□□□ □ □□□□r□ □□□□	**XRF Model:**	□□□□/ □□□□□
Project Address:	□1□ □□□rr□ M□dr□ □□□□□□□□□□□□□□□□□ □1□02	**XRF Serial No.:**	25□□2 / 2□□□
Inspection Date:	2/1□/23□2/1□/23	**XRF Assay Date:**	15-0□-2020 / 15-03-2020
County:	□□□ □□□□□□□	**Children under 18 in residence?:**	□□

Reading Number	Room	Side	Component	Substrate	Condition	Color	Lead Concentration (mg/cm^2)
1	□ □□□r□□□□						1□1
2	□ □□□r□□□□						1□0
3	□ □□□r□□□□						1□1
□	R□□□	□	□ □□□	□ □□d	□	□□□	0□00
5	R□□□	□	R□□□□ □□ □□□□□□	M□□□	□	□□□	0□00
□	R□□□	□	□□□□□□□	M□□□	□	□□□	0□00
□	R□□□	□	R□□□□ □□ □□□□□□	M□□□	□	□□□	0□00
□	R□□□	□	□ □□□	□□□□□ □□□□□ □□r□□	□	□□□	0□00
□	R□□□	□	D□□□	M□□□	□	□□□	0□00
10	R□□□	□	□ □□□	□ □□d	□	□□□	0□00
11	R□□□	□	R□□□□ □□ □□□□□□	M□□□	□	□□□	0□00
12	R□□□	□□	□□□□□□□	M□□□	□	□□□	0□00
13	R□□□	□□	R□□□□ □□ □□□□□□	M□□□	□	□□□	0□00
1□	R□□□	□	□ □□d □□□□r	M□□□	□	□ □□□	0□01
15	R□□□	□	□□□□r□□□□	M□□□	□	□□□	0□00
1□	R□□□	□	Dr□□ □□□	M□□□	□	□□□□	0□00
1□	R□□□	□	□ □□d □□□□r	M□□□	□	□ □□□	0□01
1□	R□□□□□□□	□	□ □□□	□ □□d	□	□□□	0□1□
1□	R□□□□□□□	□	□ □□□□	□ □□d	□	□□□	0□00
20	R□□□□□□□	□	□ □□□	□ □□d	□	□□□	0□00

Reading Number	Room	Side	Component	Substrate	Condition	Color	Lead Concentration (mg/cm^2)
21	R□□□□□□□□□	□	□ □□□□□□	Dr□□ □□□□	□	□□□□	0□00
22	R□□□□□□□□□	□	□ □□□□ □□□□ □ □□d□r	□ □□d	□	□□□□	0□00
23	R□□□□□□□□□	□	□ □□□□□	□ □□d	□	□□□□	0□00
2□	R□□□□□□□□□	□	□ □□□□□□□	□ □□d	□	D□r□ □r□□ □	0□1□
25	R□□□□□□□□□	□	□ □□□□□□r□□□	□ □□d	□	□□□□	0□00
2□	R□□□□□□□□□	□	□ □□□□	□ □□d	□	□ □□□□	0□00
2□	□□□□□□	□	□ □□□□	Dr□□ □□□□	□	□□□□	0□00
2□	□□□□□□	□	□ □□□□	□ □□d	□	□□□□	0□00
2□	□□□□□□	□	□ □□□□□□□rd	□ □□d	□	□□□□	0□00
30	□□□□□□	□	□ □□d□□ □r□□ □	M□□□□□	□	□ □□□□	0□00
31	□□□□□□	□	D□□r □r□□ □	M□□□□□	□	□ □□□□	0□00
32	□□□□□□	□	□ □□□□	Dr□□ □□□□	□	□ □□□□	0□00
33	□□□□□□	□	□ □□d□	□ □□d	□	□ □□□□	0□00
3□	□□□□□□	□	□ □□□□	□ □□d	□	□□□□	-0□30
35	□ □□□□ □□1	□	D□□r	□ □□d	□	□□□□	0□00
3□	□ □□□□ □□1	□	D□□r □r□□ □	□ □□d	□	□□□□	0□00
3□	□ □□□□ □□1	□	□ □□□□	Dr□□ □□□□	□	□□□□	0□00
3□	□ □□□□ □□1	□	□ □□□□□□□rd	□ □□d	□	□□□□	0□00
3□	□ □□□□ □□1	□	□ □□d□□ □r□□ □	M□□□□□	□	□ □□□□	0□00
□0	□ □□□□ □□1	□	□ □□□d□	□ □□d	□	□ □□□□	0□00
□1	□ □□□□ □□1	□	□ □□□□	Dr□□ □□□□	□	□ □□□□	0□00
□2	□ □□r□	□	□ □□□□	Dr□□ □□□□	□	□□□□	0□00
□3	□ □□r□	□	□ □□□□□□□rd	□ □□d	□	□□□□	0□00
□□	□ □□r□	□	□ □□d□□ □r□□ □	M□□□□□	□	□ □□□□	0□00
□5	□ □□r□	□	D□□r □r□□ □	M□□□□□	□	□ □□□□	0□00
□□	□ □□r□	□	□ □□□□	□ □□d	□	□□□□	0□00
□□	□ □□r□	□	□ □□□□□□	Dr□□ □□□□	□	□□□□	0□00
□□	D□□□□□ □r□□ 1 / D□□□□□ □r□□ 2	□	□ □□□□	Dr□□ □□□□	□	□□□□	0□00
□□	D□□□□□ □r□□ 1 / D□□□□□ □r□□ 2	□	□ □□□□	Dr□□ □□□□	□	□□□□	0□00
50	D□□□□□ □r□□ 1 / D□□□□□ □r□□ 2	□	□ □□□□□□	Dr□□ □□□□	□	□□□□	0□00

Reading Number	Room	Side	Component	Substrate	Condition	Color	Lead Concentration (mg/cm^2)
51	D□□□□□ □r□□ 1 / D□□□□□ □r□□ 2	□	□ □□□□□	Dr□□ □□□	□	□ □□□	0□00
52	D□□□□□ □r□□ 1 / D□□□□□ □r□□ 2	□	□□□□	M□□□□	□	□□□	0□03
53	D□□□□□ □r□□ 1 / D□□□□□ □r□□ 2	□	□□□□□ □□□□□ □□□	M□□□□	□	□□□	0□00
5□	D□□□□□ □r□□ 1 / D□□□□□ □r□□ 2	□	□ □□□□□	□ □□d	□	□□□	0□00
55	D□□□□□ □r□□ 1 / D□□□□□ □r□□ 2	□	□ □□□□□	Dr□□ □□□	□	□□□	0□00
5□	D□□□□□ □r□□ 1 / D□□□□□ □r□□ 2	□	□□□r	□ □□□r □□□	□	D□r□ □r□□□□	0□00
5□	D□□□□□ □r□□ 1 / D□□□□□ □r□□ 2	□	□□□r	□ □□□r □□□	□	□r□□ □	0□00
5□	D□□□□□ □r□□ 1 / D□□□□□ □r□□ 2	□	□□□r	□ □□□r □□□	□	D□r□ □r□□	0□00
5□	□□□□r□□□□□ □□□□□	□	D□□r	□ □□d	□	□□□	0□00
□0	□□□□r□□□□□ □□□□□	□	D□□r □r□□ □	□ □□d	□	□□□	0□00
□1	□□□□r□□□□□ □□□□□	□	□□□□r□□□□□ □□□	M□□□□	□	D□r□ □□□□	0□00
□2	□ □□□ □□□□ R□□□r□□□	□	Dr□□□ □ □□□	M□□□□	□	D□r□ □r□□	2□□□
□3	□ □□□ □□□□ R□□□r□□□	□	□ □□□	12□12 □ □r□□ □□ □□□	□	□□□	0□00
□□	□ □□□ □□□□ R□□□r□□□	□	□ □□□	2□□2□ □ □r□□ □□ □□□	□	□□□	0□00
□5	□ □□□ □□□□ R□□□r□□□	□	□ □□□	2□□ □ □r□□ □□ □□□	□	□□□	□□□
□□	□ □□□ □□□□ R□□□r□□□	□	□□□□r	□ □r□□ □□	□	□□□	0□00
□□	□ □□□ □□□□ R□□□r□□□	□	□ □□□	Dr□□ □□□	□	□□□	0□00
□□	□ □□□ □□□□ R□□□r□□□	□	□□□□□	□ □□d	□	□r□□ □	0□00
□□	□ □□□ □□□□ R□□□r□□□	□	□□□□□□	□□r□□□□□□	□	□ □□□	0□02
□0	□ □□□ □□□□ R□□□r□□□	□	□□□□	□□r□□□□□□	□	□ □□□	0□0□
□1	□ □□□ □□□□ R□□□r□□□	□	D□□r	□ □□d	□	□□□	0□00
□2	□ □□□ □□□□ R□□□r□□□	□	□ □□□	1□1 □ □r□□ □□	□	M□□□-□□□r	0□00
□3	□ □□□ □□□□ R□□□r□□□	□	D□□r □r□□ □	□ □□d	□	□□□	0□00
□□	M□dd□□ □ □□□□r□□□□						1□0
□5	M□dd□□ □ □□□□r□□□□						1□1
□□	M□dd□□ □ □□□□r□□□□						1□1
□□	M□□□□ R□□□r□□□	□	Dr□□□ □ □□□	M□□□□	□	D□r□ □r□□	1□□1
□□	M□□□□ R□□□r□□□	□	□ □□□	12□12 □ □r□□ □□ □□□	□	□□□	0□01
□□	M□□□□ R□□□r□□□	□	□ □□□	2□□2□ □ □r□□ □□ □□□	□	□□□	0□01
□0	M□□□□ R□□□r□□□	□	□ □□□	2□□ □ □r□□ □□ □□□	□	□□□	5□□□

Reading Number	Room	Side	Component	Substrate	Condition	Color	Lead Concentration (mg/cm^2)
□1	M□□□□ R□□□r□□□□	□	□□□□r	□□r□□ □□	□	□□□□	0□00
□2	M□□□□ R□□□r□□□□	□	□ □□□	Dr□□ □□□	□	□□□□	0□00
□3	M□□□□ R□□□r□□□□	□	□□□□□	□ □□d	□	□r□□ □	0□00
□□	M□□□□ R□□□r□□□□	□	□r□□□□	□□r□□□□□□	□	□ □□□	0□00
□5	M□□□□ R□□□r□□□□	□	□□□□	□□r□□□□□□	□	□ □□□	0□01
□□	M□□□□ R□□□r□□□□	□	D□□r	□ □□d	□	□□□□	0□00
□□	M□□□□ R□□□r□□□□	□	D□□r □r□□ □	□ □□d	□	□□□□	0□00
□□	M□□□□ R□□□r□□□□	□	□ □□□	1□1 □□r□□ □□	□	M□□□-□□□r	0□00
□□	□ □□□□ □□2	□	□□□□r	□ □□□r□□□	□	D□r□ □r□□□□	0□00
□0	□ □□□□ □□2	□	□□□□r	□ □□□r□□□	□	□r□□ □	0□00
□1	□ □□□□ □□2	□	□□□□r	□ □□□r□□□	□	D□r□ □r□□	0□00
□2	□ □□□□ □□2	□	□ □□□	Dr□□ □□□	□	□□□□	0□00
□3	□ □□□□ □□2	□	□□□□□□□rd	□ □□d	□	□□□□	0□00
□□	□ □□□□ □□2	□	D□□r □r□□ □	M□□□□	□	□□□□□	0□00
□5	□ □□□□ □□2	□	□ □□d□□ □r□□ □	M□□□□	□	□□□□□	0□00
□□	□ □□□□ □□2	□	D□□r	□ □□d	□	□ □□□	0□00
□□	□ □□□□ □□2	□	D□□r □r□□ □	□ □□d	□	□□□□	0□00
□□	□ □□□□ □□2	□	□ □□□□□	Dr□□ □□□	□	□□□□	0□00
□□	□ □□□□ □□2	□	□ □□□	□ □□d	□	□□□□	0□00
100	□□□□□r □ □□□□□	□	□ □□□	Dr□□ □□□	□	□□□□	0□00
101	□□□□□r □ □□□□□	□	□□□□□□□rd	□ □□d	□	□□□□	0□00
102	□□□□□r □ □□□□□	□	□ □□□□□	Dr□□ □□□	□	□□□□	0□00
103	□□□□□r □ □□□□□	□	D□□r □r□□ □	□ □□d	□	□□□□	0□00
10□	□□r / □□□□□□	□	□ □□□	□□r□□ □□	□	□ □□□	□5
105	□□r / □□□□□□	□	□ □□□	□□r□□ □□	□	□r□□□□	0□5
10□	□□r / □□□□□□	□	□□□□r□□□□□ □□□□	M□□□□	□	R□d	0□30
10□	□□r / □□□□□□	□	□ □□□□□	M□□□□	□	□r□□□□	0□□
10□	□□r / □□□□□□	□	□ □□□	□ □□d	□	□□□□	0□00
10□	□□r / □□□□□□	□	Dr□□□ □ □□□	M□□□□	□	□ □□□	1□3
110	□□r / □□□□□□	□	Dr□□□ □ □□□	M□□□□	□	□□□□□	0□□

Reading Number	Room	Side	Component	Substrate	Condition	Color	Lead Concentration (mg/cm^2)
111	□□r / □mmmmm	□	□mmmmmmr	□ □□d	□	□r□□ □	0□01
112	□□r / □mmmmm	□	□mmmmmm	□ □□d	□	□mmm / □r□□ □	0□2□
113	□□r / □mmmmm	□	□ □d□□ □r□□ □	□ □□d	□	□□□	0□00
11□	Dmmmm □r□□ 3	□	D□□r □r□□ □	Mmmmm	□	□mmmm	0□00
115	Dmmmm □r□□ 3	□	□ □d□□ □r□□ □	□ □□d	□	□□□	0□00
11□	Dmmmm □r□□ 3	□	□ mm	□ □□d	□	□□□	0□00
11□	Dmmmm □r□□ 3	□	□mmmmm	□ □□d	□	□□□	0□00
11□	Dmmmm □r□□ 3	□	□mmmmm	Dr□□ □mm	□	□□□	0□00
11□	Dmmmm □r□□ 3	□	□□□□	Mmmmm	□	□□□	0□00
120	Dmmmm □r□□ 3	□	□ mm	Dr□□ □mm	□	□□□	0□00
121	□mmmm□R□□□	□	□ mm	Dr□□ □mm	□	□□□	0□00
122	□mmmm□R□□□	□	□mmmr□mmmm□□□□	Mmmmm	□	□□□	0□00
123	□mmmm□R□□□	□	□□□□□□rd	□ □□d	□	□□□	0□00
12□	□□dmmm □ □mmr□mmm						1□0
125	□□dmmm □ □mmr□mmm						1□1
12□	□□dmmm □ □mmr□mmm						1□1
12□	□mmmmmm □ □mmr□mmm						1□0
12□	□mmmmmm □ □mmr□mmm						1□1
12□	□mmmmmm □ □mmr□mmm						1□1
130	□□r□□□ 1	□	□ mm	Dr□□ □mm	□	□ mmm	-0□3
131	□□r□□□ 1	□	□□□□□□rd	□ □□d	□	□ mmm	-0□2
132	□□r□□□ 1	□	□mmmmm	Dr□□ □mm	□	□ mmm	0□00
133	□□r□□□ 3	□	□ mm	Dr□□ □mm	□	□ mmm	0□00
13□	□□r□□□ 3	□	□ mm	□ □□d	□	□ mmm	0□00
135	□□r□□□ 3	□	D□□r □r□□ □	□ □□d	□	□ mmm	0□00
13□	□□r□□□ 3	□	D□□r	□ □□d	□	□mmmmm	0□00
13□	□□□□ □mmmm / M□□ □mmmm	□	□ mm	Dr□□ □mm	□	□mmm	0□00
13□	□□□□ □mmmm / M□□ □mmmm	□	□ mm	□r□□ □m	□	□mmm	□□□
13□	□□□□ □mmmm / M□□ □mmmm	□	□mmmm □mm	□□□ □r□□□d	□	□ mmm	0□00
1□0	□□□□ □mmmm / M□□ □mmmm	□	□ mm	□r□□ □m	□	□mmm	□□□
1□1	□□□□ □mmmm / M□□ □mmmm	□	□ mm	□r□□ □m	□	□mmm	□□□
1□2	□□□□ □mmmm / M□□ □mmmm	□	Dr□□ □ mm	Mmmmm	□	D□r□ □r□□	□□□
1□3	□□r□□r R□□□	□	□ mm	□r□□ □m	□	□r□□□□	-0□1
1□□	□□r□□r R□□□	□	□mmmr	□r□□ □m	□	R□d	-0□2
1□5	□□r□□r R□□□	□	□ mm	Dr□□ □mm	□	□ mmm	0□00
1□□	□□r□□r R□□□	□	□ mm	Dr□□ □mm	□	□□□	0□00
1□□	□□r□□r R□□□	□	□mmmm □mm	□□□ □r□□□d	□	□ mmm	0□00
1□□	R□□r□□□	□	□ mm	□r□□ □m	□	□ mmm	□□□
1□□	R□□r□□□	□	□ mm	Dr□□ □mm	□	□ mmm	0□2
150	R□□r□□□	□	□mmm	□□r□□mmmm	□	□ mmm	0□00
151	R□□r□□□	□	□□mmmm	□□r□□mmmm	□	□ mmm	0□00
152	R□□r□□□	□	D□□r □r□□ □	□ □□d	□	□ mmm	0□00
153	R□□r□□□	□	D□□r	□ □□d	□	□mmmmm	0□00

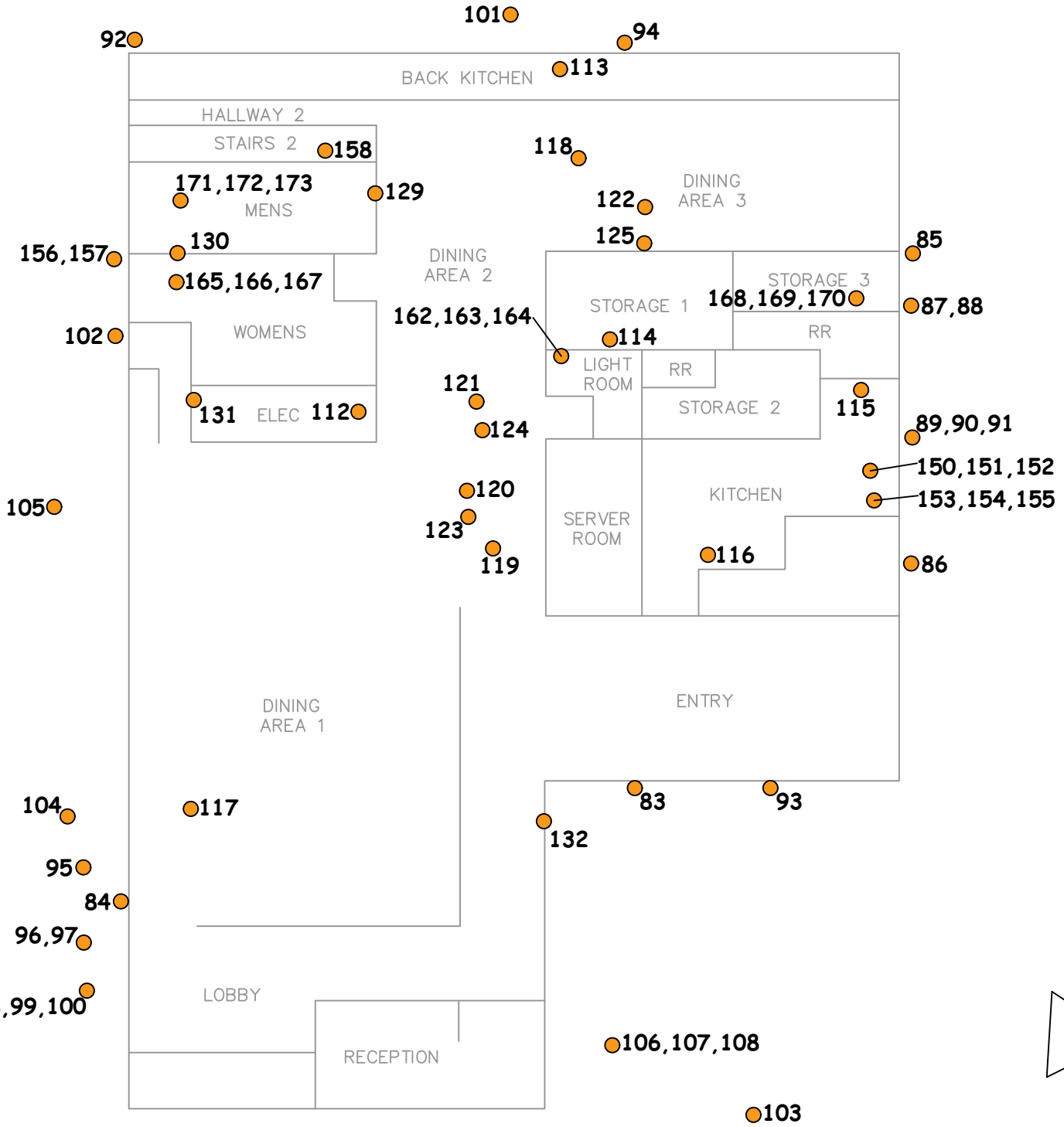
Reading Number	Room	Side	Component	Substrate	Condition	Color	Lead Concentration (mg/cm^2)
154	□□r□□□ 2	□	□□□□	□ □□d	I	□ □□□	0□00
155	Sto rage 2	E	Wa □l	Dr□□ □□□	I	□ □□□	0□00
156	Bun □□□ow 1	□	Wa □l	Dr□□ □□□	I	□ □□□	0.□
157	Bun □□□ow 1	□	Baseboa rd	□ □□d	I	□ □□□	0.□
158	□□□□□□□□ 1	□	Ceili □	Dr□□ □□□	I	□ □□□	0.□
159	□□□□□□□□ 1	E	□□□□□r□□□	□ □□d	I	□ □□□	0□0
1□0	Bun □□□ow 1	□	□□□□□□□	□ □□d	□	□□□□□□□	0□00
161	Bun □□□ow 1	E	D□□r Frame	□ □□d	I	□ □□□	0.□
162	B □ngalow 1 □loset □r□□	□	Wa □l	Dr□□ □□□	I	□ □□□	0.□
163	B □ngalow 1 □loset □r□□	□	Baseboa rd	□ □□d	I	□ □□□	0.□
1□□	B □ngalow 1 □loset □r□□	□	□□□□	□□r□□□□□□	□	□ □□□	0□00
165	B □ngalow 1 □loset □r□□	S	Cabinet	□ □□d	I	□□□□□□□	0□00
166	Bungalow 1 B □thr□om 1	□	Wa □l	Dr□□ □□□	I	□ □□□	0□00
167	Bungalow 1 B □thr□om 1	□	Ceili □	Dr□□ □□□	I	□ □□□	0□00
1□□	Bungalow 1 B □thr□om 1	□	□ □□d□□ □r□□ □	M□□□□	□	□□□□□	0□00
169	Bungalow 1 B □thr□om 1	S	□□□□□	Po rcelai □	I	□ □□□	0□00
170	Bun □□□ow 2	□	Wa □l	Dr□□ □□□	I	□ □□□	0□2
171	Bun □□□ow 2	□	Baseboa rd	□ □□d	I	□ □□□	0□2
172	Bun □□□ow 2	□	D□□r Frame	Me al	I	Black	0□00
173	Bun □□□ow 2	□	Ceili □	Dr□□ □□□	I	□ □□□	0.□
174	Bun □□□ow 2	S	Ven □	Me al	I	□ □□□	0□00
175	Bungalow 2 K □chen	S	Cabinet	□ □□d	I	□□□□□□□	0□00
176	Bungalow 2 K □chen	S	□□□□□r□□□	□ □□d	I	□ □□□	0□00
177	Bungalow 2 K □chen	S	D□□r Frame	□ □□d	I	□ □□□	0.□
178	Bungalow 2 B □thr□om 2	S	□□□□□	Po rcelai □	I	□ □□□	0□00
179	Bungalow 2 B □thr□om 2	□	□□□□□□r□□□	Stone	I	□an	0□00
180	Bungalow 2 B □thr□om 2	□	Cabinet	□ □□d	I	□□□□□□□	0□00
181	Bungalow 2 B □thr□om 2	E	Wa □l	Dr□□ □□□	I	□ □□□	0.□
182	Bungalow 2 B □thr□om 2	E	Baseboa rd	□ □□d	I	□ □□□	0.□
183	□□□□□□□□ 3	□	Wa □l	Dr□□ □□□	I	□ □□□	0□2
184	Bun □□□ow 3	□	Baseboa rd	□ □□d	I	□ □□□	0□2
185	Bun □□□ow 3	S	□□□□□□	□ □□d	I	□□□□□□□	0□00
186	□□□□□□□□ 3	□	D□□r Frame	Me al	I	Black	0□00
187	R□□□ 1	S	Wa □l	Dr□□ □□□	I	□ □□□	0.□
188	R□□□ 1	□	Baseboa rd	□ □□d	I	□ □□□	0□2
189	R□□□ 1	□	D□□r Frame	□ □□d	I	□ □□□	0.□
190	R□□□ 1	□	D□□r	□ □□d	I	□ □□□	0□00
191	R□□□ 2	□	Wa □l	Dr□□ □□□	I	□ □□□	0.□
1□2	R□□□ 2	□	□□□□□□□rd	□ □□d	□	□ □□□	0□1
193	R□□□ 2	S	Ceili □	Dr□□ □□□	I	□ □□□	0□00
194	R□□□ 2	S	Ven □	Me al	I	□ □□□	0□00
195	□□□□□□□	E	□□□□□□r□□□	□ □□d	I	□ □□□	0□0
1□□	□□□□□□□	□	□□□□□□□	□ □□d	□	□□□□□□□	-0□1

Reading Number	Room	Side	Component	Substrate	Condition	Color	Lead Concentration (mg/cm^2)
1□□	□□□□□□□	□	D□□r	□ □□d	□	□ □□□□	0□00
1□□	□□□□□□□	□	D□□r □r□□ □	□ □□d	□	□ □□□□	0□1
1□□	□□□□□□□	□	□□□□r□□□□□ □□□□	M□□□□	□	D□r□ □□□□	0□3
200	□□□□r□□□	□	□ □□□	Dr□□ □□□	□	□ □□□□	0□00
201	□□□□r□□□	□	□ □□□□□	Dr□□ □□□	□	□ □□□□	0□00
202	□□□□r□□□	□	□□□□□□□rd	□ □□d	□	□ □□□□	0□1
203	□□□□r□□□	□	□□□□□r□□□	□□□□□	□	□□□	0□00
20□	M□dd□□ □ □□□r□□□□						1□0
205	M□dd□□ □ □□□r□□□□						1□1
20□	M□dd□□ □ □□□r□□□□						1□1
20□	□□□□r□□□	□	□□□□□□□	□ □□d	□	□□□□□□	0□00
20□	□ □□□□	□	□ □□□	□ □□d	□	□r□□ □	-0□1
20□	□ □□□□	□	D□□r □r□□ □	M□□□□	□	□□□□□	0□00
210	□ □□□□	□	□□□□□□r	□ □□d	□	D□r□ □r□□ □	0□2
211	□ □□□□	□	□□□dr□□□	□ □□d	□	□□□□□□	0□00
212	□ □□□□	□	□□□dr□□□	M□□□□	□	□□□□□	0□3
213	□ □□□□	□	□□□□□□□rd	□ □□d	□	□□□□□□	0□2
21□	□ □□□□	□	D□□r □r□□ □	□ □□d	□	□ □□□□	0□1
215	□ □□□□	□	D□□r	□ □□d	□	□□□□□□	0□1
21□	□□□□□□□ □	□	□□□□□□□rd	□ □□d	□	□□□□□□	0□2
21□	□□□□□□□ □	□	□ □□□	□ □□d	□	□r□□ □	0□0
21□	□□□□□□□ □	□	□ □□□□□	□ □□d	□	□□□□□□	0□00
21□	□□□□□□□ □	□	□ □□□□□	□ □□d	□	□r□□ □	0□00
220	□□□□□□□ □	□	□ □□□	□ □□d	□	□□□□□□	0□00
221	□ □□□□□	□	□ □□□□□	Dr□□ □□□	□	□ □□□□	0□1
222	□ □□□□□	□	□□□□□□□rd	□ □□d	□	□□□□□□	0□1
223	□ □□□□□	□	D□□r □r□□ □	□ □□d	□	□ □□□□	0□1
22□	□□□□r□□□	□	□ □□□	□□r□□ □□	□	□r□□□□	0□5
225	□□□□r□□□	□	□ □□□	□□r□□ □□	□	□ □□□□	□□□
22□	□□□□r□□□	□	□ □□□	Dr□□ □□□	□	□ □□□□	0□00
22□	□□□□r□□□	□	□ □□□□□	Dr□□ □□□	□	□ □□□□	0□00
22□	□□□□r□□□	□	□□□□□	□□r□□□□□	□	□ □□□□	0□00
22□	□□□□r□□□	□	□□□□□r□□□	□□r□□ □□	□	□ □□□□	□□□
230	□□□□r□□□	□	□□□□	□□r□□□□□	□	□ □□□□	□□□
231	□□□□r□□□	□	□□□□ □r □ □□□	□□r□□ □□	□	□r□□□□	0□3
232	□□□□r□□r	□	□□□dr□□□	M□□□□	□	□□□□	0□3
233	□□□□r□□r	□	□□□dr□□□	M□□□□	□	□□□□	0□3
23□	□□□□r□□r	□	D□□r	□ □□d	□	□□□□	0□00
235	□□□□r□□r	□	D□□r □r□□ □	□ □□d	□	□□□□	0□00
23□	□□□□r□□r	□	□□□□	□ □□d	□	□□□□	0□00
23□	□□□□r□□r	□	□□□□□□□	□ □□d	□	□□□□	-0□1
23□	□□□□r□□r	□	□ □□□□r	□ □□d	□	□□□□	0□00
23□	□□□□r□□r	□	Dr□□□	M□□□□	□	□□□□	0□00

Reading Number	Room	Side	Component	Substrate	Condition	Color	Lead Concentration (mg/cm^2)
240	□□□r□□r	S	Wa l	□ □□d	I	□an	0□00
241	□□□r□□r	□	Hose □□d□r	Me al	I	Black	0.
242	□□□r□□r	E	Gutte r	Me al	I	□r□□□	0□3
2□3	□□□r□□r	□	R□□□□ □□ □□□□□□□	M□□□□	□	□r□□□	0□3
2□□	□□□r□□r	□	□□□□	□ □□d	□	□r□□□	0□3
245	□□□r□□r	□	O e hang	□ □□d	I	D r□ Tan	-0□1
246	□□□r□□r	□	Pila r	□ □□d	I	□r□□□	0□0
247	□□□r□□r	□	□ □d□□ r□□ □	Me al	I	Black	-0□5
2□□	□□□r□□r	□	D□□r	□ □□d	□	□ □ □ □□□	0□1
249	□□□r□□r	□	D□□r Fr ame	□ □□d	I	O □ □ hite	0.
250	□□□r□□r	□	Wall	□ □□d	I	□an	-0□1
251	□□□r□□r	□	Wall	□ □□d	I	□an	-0□1
252	□□□r□□r	□	□□□□r□□□□□□□□□	Me al	I	□an	0□2
253	□□□r□□r	□	D wnspout	Me al	I	O □ □ hite	0.
254	□□□r□□r	□	Gutte r	Me al	I	O □ □ hite	0.
255	□□□r□□r	□	□ □d□□ □r□□ □	□ □□d	I	□an	0□0
256	□□□r□□r	S	Wall	Light □ eight Conc ·□e	I	□an	-0□1
257	□□□r□□r	S	Wall	□□□□r□□□	I	□r□□ □	-0□□
258	□□□r□□r	S	Wall	Light □ eight Conc ·□e	I	D r□ □r□□□	-0□1
259	□□□r□□r	S	□□□□□r	□□□□r□□□	I	□an	-0□5
260	□□□r□□r	S	□□□□□r	□□□□r□□□	I	□r□□ □	0□0
261	□□□r□□r	S	D□□r	Me al	I	□an	-0□2
262	□□□r□□r	S	D□□r Fr ame	Me al	I	□an	0□3
263	□□□r□□r	S	□□□d□□□	Me al	I	□an	0□5
2□□	□□□r□□r	□	□ □□□	□ □□d	□	□□□	-0□1
265	□□□r□□r	E	Pila r	□ □□d	I	□r□□□	0.
266	□□□r□□r	NE	Pila r	□ □□d	I	□r□□□	0□0
267	□□□r□□r	□	Pila r	□ □□d	I	□r□□□	0□0
2□□	□□□r□□r	□□	□□□r	□ □□d	□	□r□□□	0□1
2□□	□□□r□□r	□	□ □□□	□ □□d	□	□□□	-0□1
270	□□□r□□r	□	D□□r	Me al	I	D r□ □ □□□	0□3
271	□□□r□□r	□	D□□r Jamb	Me al	I	D r□ □ □□□	0□3
272	□□□r□□r	□	D□□r	Me al	I	D r□ □ □□□	0□2
2□3	□□□r□□r	□	D□□r □□□ □	M□□□□	□	D r□ □ □□□	0□2
274	□□□r□□r	□	D wnspout	Me al	I	□r□□□	-0□2
275	□□□r□□r	□	Gutte r	Me al	I	□r□□□	-0□2
276	□□□r□□r	□	Louve r	Me al	I	□an	-0□2
277	En ding C □ib ration						1□0
278	□□d□□□ □ □□□r□□□□						1.
279	En ding C □ib ration						1.

ATTACHMENT II

CAD FLOOR PLAN DRAWINGS



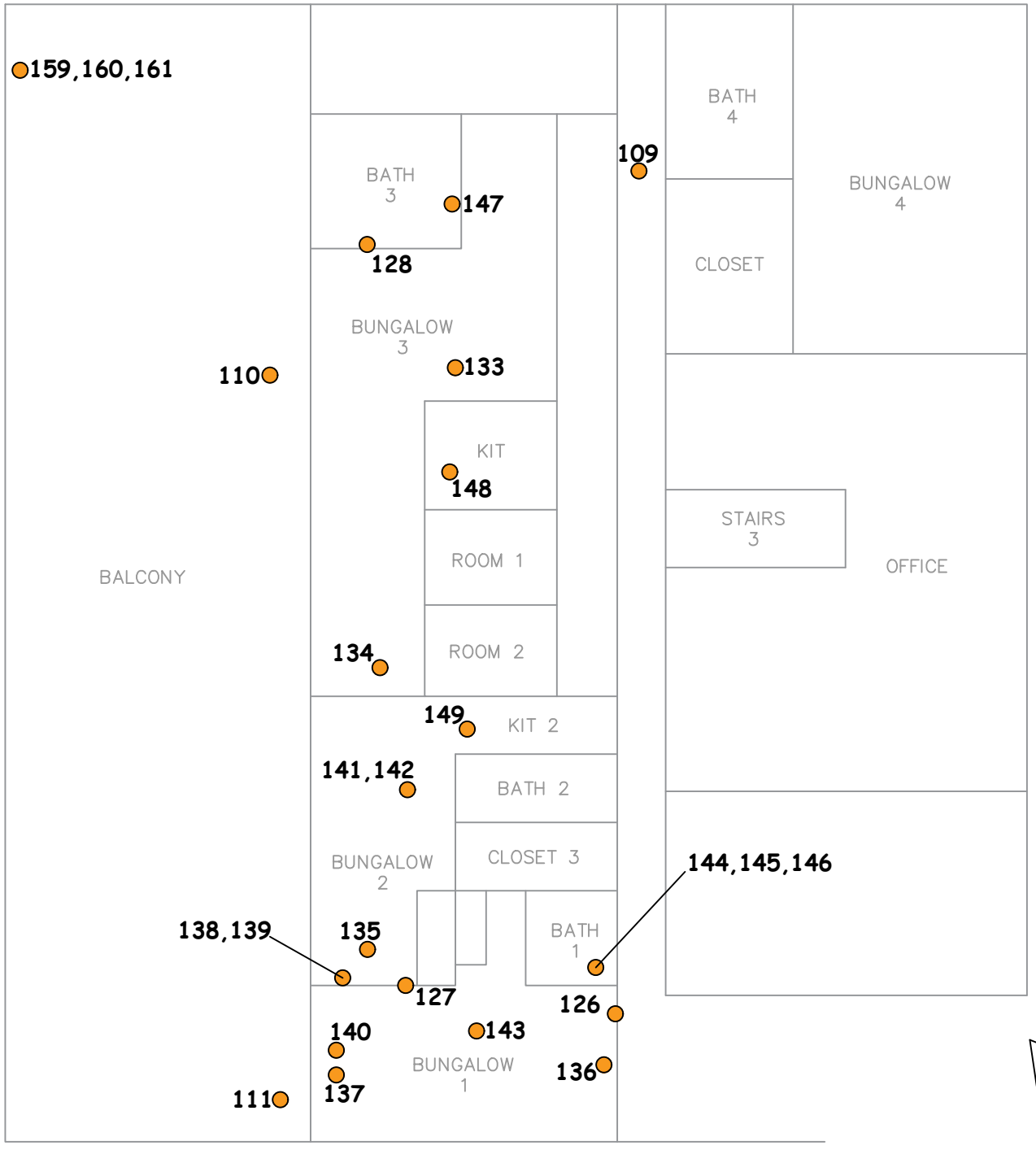
LEGEND:

ASBESTOS SAMPLE LOCATION

PROJECT NAME:	AZUSA GREENS COUNTY CLUB
ADDRESS:	919 SIERRA MADRE AVENUE AZUSA, CA 91702
PROJECT NO:	108916
SAMPLE DATE:	2/16/2023
FIGURE NO.	1
REFERENCE:	SITE PLAN

TITAN ENVIRONMENTAL SOLUTIONS

1521 E. Orangethorpe Ave, Suite B
Fullerton, California 92831
Phone: (888) 948-4826



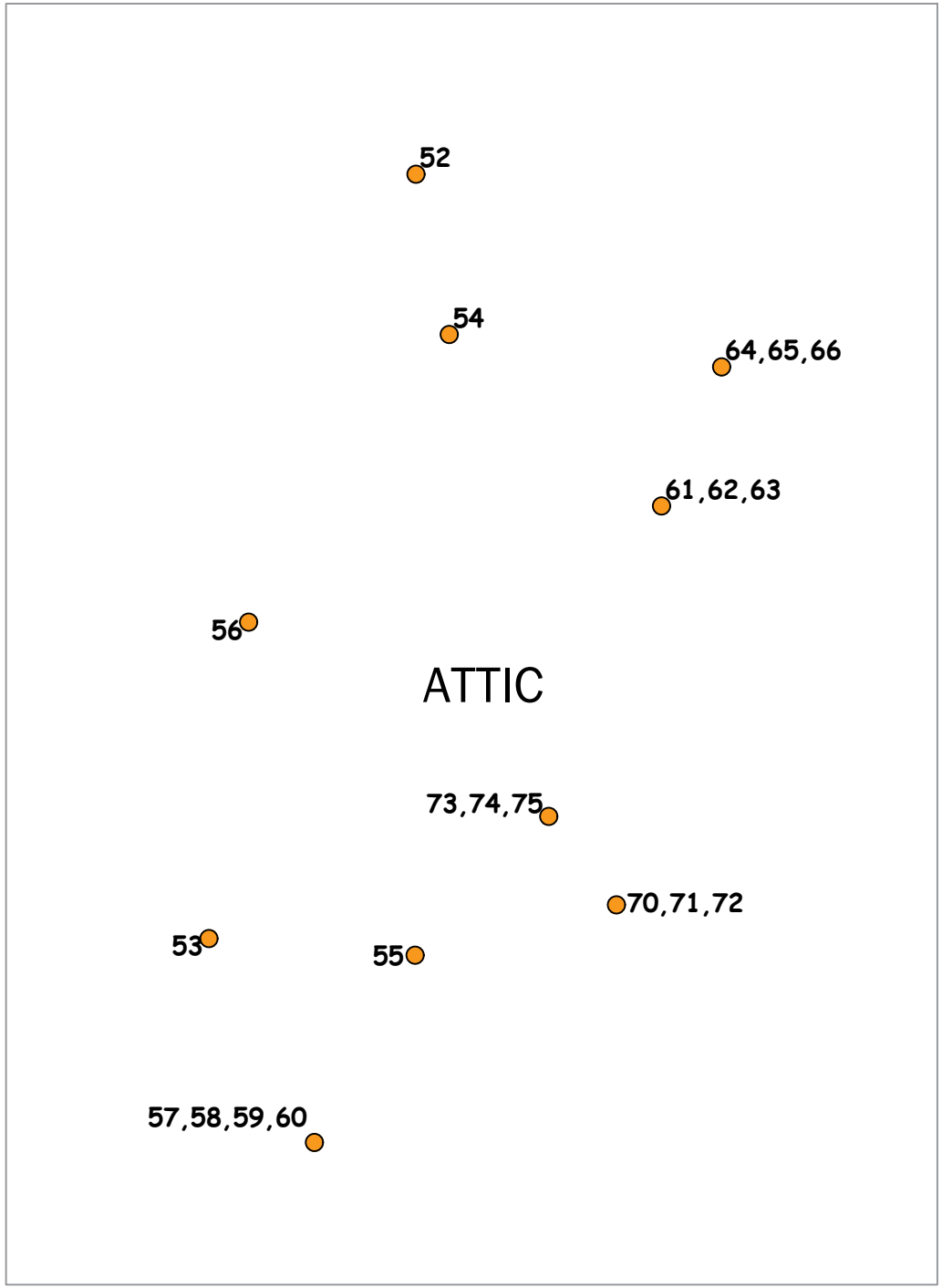
LEGEND:

ASBESTOS SAMPLE LOCATION

PROJECT NAME:	AZUSA GREENS COUNTY CLUB
ADDRESS:	919 SIERRA MADRE AVENUE AZUSA, CA 91702
PROJECT NO:	108916
SAMPLE DATE:	2/16/2023
FIGURE NO.	2
REFERENCE:	SITE PLAN

TITAN ENVIRONMENTAL SOLUTIONS

1521 E. Orangethorpe Ave, Suite B
Fullerton, California 92831
Phone: (888) 948-4826



LEGEND:

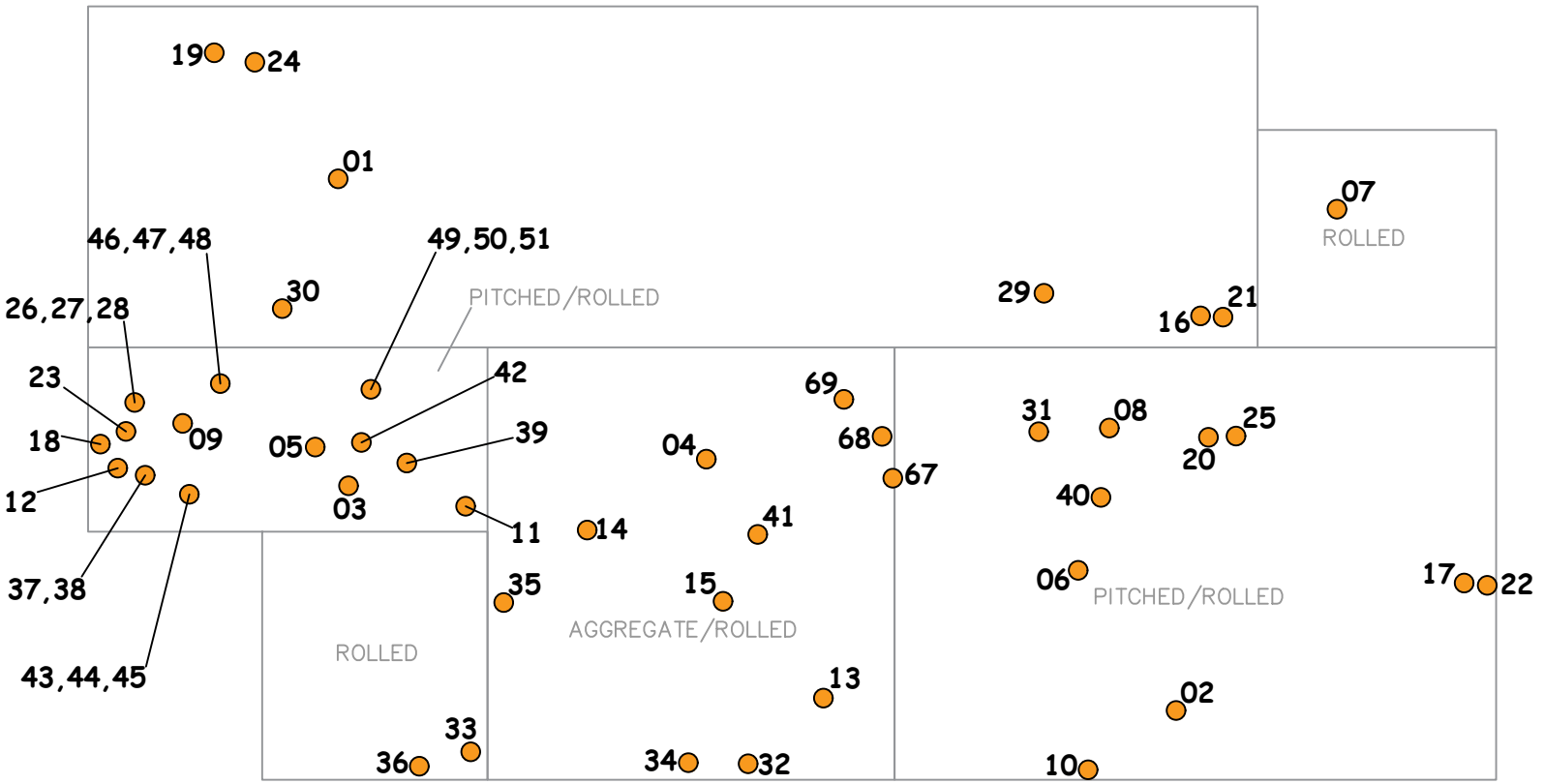
ASBESTOS SAMPLE LOCATION

PROJECT NAME:	AZUSA GREENS COUNTY CLUB
ADDRESS:	919 SIERRA MADRE AVENUE AZUSA, CA 91702
PROJECT NO:	108916
SAMPLE DATE:	2/16/2023
FIGURE NO.	3
REFERENCE:	SITE PLAN

TITAN ENVIRONMENTAL SOLUTIONS

1521 E. Orangethorpe Ave, Suite B
Fullerton, California 92831
Phone: (888) 948-4826

ROOF



LEGEND:

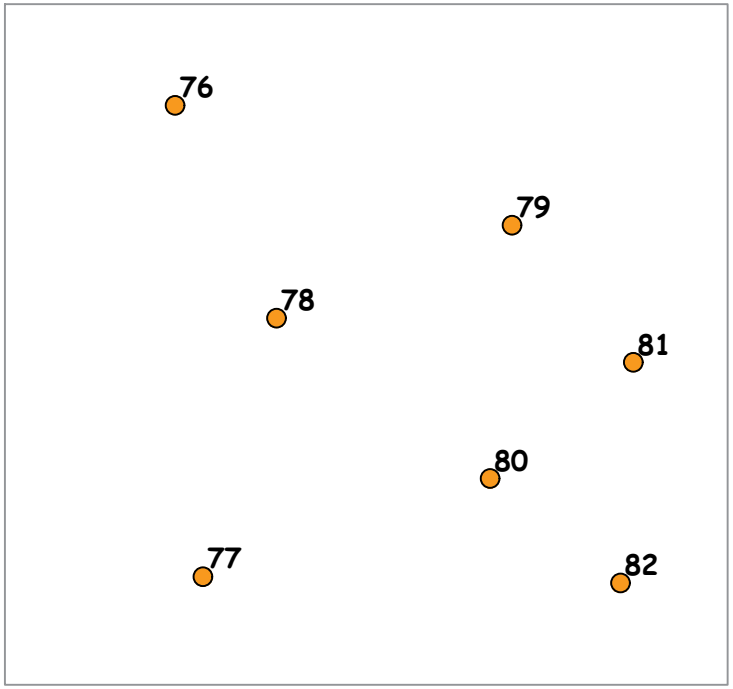
ASBESTOS SAMPLE LOCATION

PROJECT NAME:	AZUSA GREENS COUNTY CLUB
ADDRESS:	919 SIERRA MADRE AVENUE AZUSA, CA 91702
PROJECT NO:	108916
SAMPLE DATE:	2/16/2023
FIGURE NO.	4
REFERENCE:	SITE PLAN

TITAN ENVIRONMENTAL SOLUTIONS

1521 E. Orangethorpe Ave, Suite B
Fullerton, California 92831
Phone: (888) 948-4826

PARKING LOT



N

LEGEND:

ASBESTOS SAMPLE LOCATION

PROJECT NAME:	
AZUSA GREENS COUNTY CLUB	
ADDRESS:	
919 SIERRA MADRE AVENUE AZUSA, CA 91702	
PROJECT NO:	108916
SAMPLE DATE:	2/16/2023
FIGURE NO.	5
REFERENCE:	SITE PLAN

TITAN ENVIRONMENTAL SOLUTIONS

1521 E. Orangethorpe Ave, Suite B
Fullerton, California 92831
Phone: (888) 948-4826

ATTACHMENT III

PHOTO LOG

Photo Log

Project Name:	Azusa Greens Country Club
Project Location:	919 Sierra Madre Avenue, Azusa, CA 91702

Photo of asbestos-containing black roof penetration mastic present on roof.

Photo of non-asbestos-containing gray HVAC mastic present on HVAC units on roof.

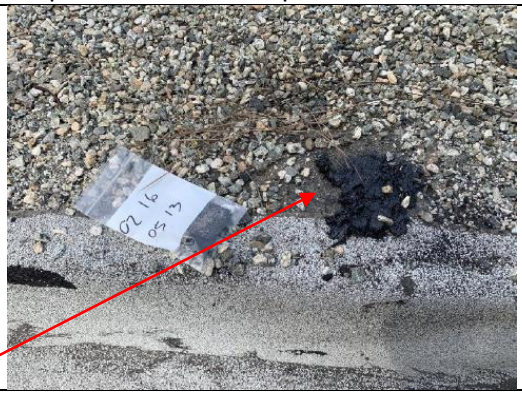


Photo of non-asbestos-containing BURS roof system present on roof.

Photo of asbestos-containing black HVAC junction mastic present in attic.

Photo of non-asbestos-containing gray concrete wall present on exterior.

Photo of non-asbestos-containing tan sidewalk texture coat present on exterior

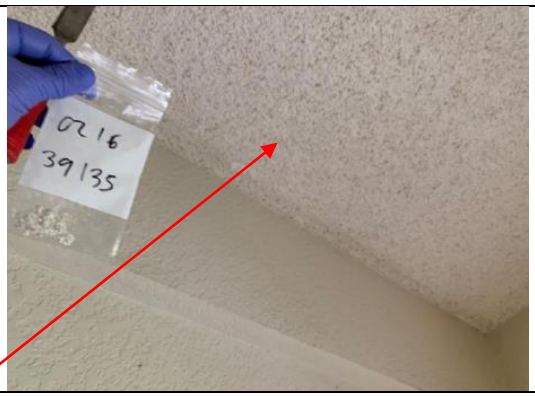
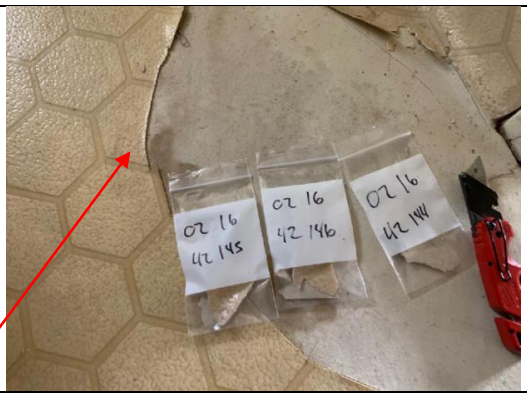
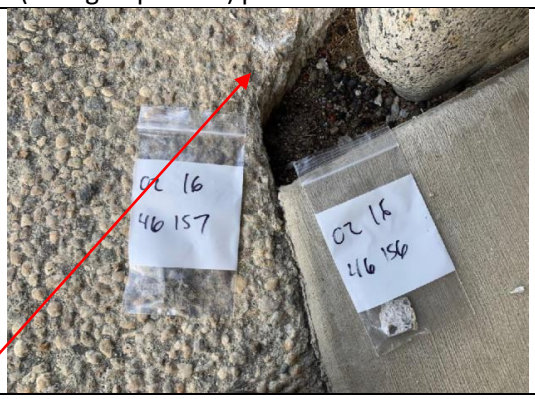
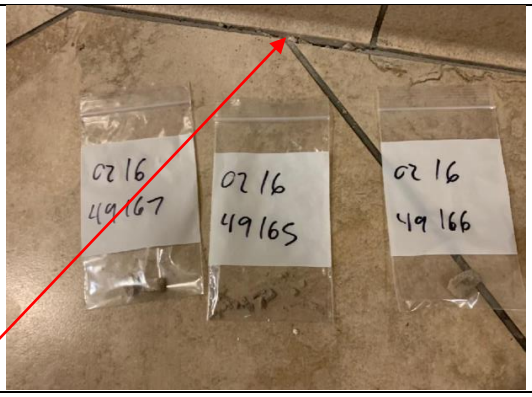
	

Photo of non-asbestos-containing white acoustic present in Bungalows 1, 2 and 3.	Photo of asbestos-containing tan linoleum floor (hexagon pattern) present in Bathroom 1.
	
Photo of asbestos-containing tan linoleum flooring present in Bathroom 3 and Kitchens 2 and 3.	Photo of non-asbestos-containing gray rock concrete floor present in Staircase 2 and exterior.
	
Photo of non-asbestos-containing gray tile grout present in Light Room.	Photo of non-asbestos-containing gray tile grout present in Women's Restroom.

ATTACHMENT IV

INSPECTOR CERTIFICATION(S)

State of California
Division of Occupational Safety and Health

Certified Site Surveillance Technician

Mark W. Hoffman
Name

Certification No. **19-6613**

Expires on **09/18/23**

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.

California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
 **Mark Hoffman**	Lead Sampling Technician	LRC-00002790	9/12/2023

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

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
 **Monica Robles**	Lead Sampling Technician	LRC-00009833	3/21/2024

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
Division of Occupational Safety and Health
Certified Asbestos Consultant

Robert B Menald
Name

Certification No. **08-4323**

Expires on **01/17/24**

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.

California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
 **Robert Menald**	Lead Inspector/Assessor	LRC-00005260	2/20/2024
	Lead Project Monitor	LRC-00005259	2/20/2024

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
Division of Occupational Safety and Health
Certified Asbestos Consultant

Ibrahim M Sobeih
Name

Certification No. 06-4078

Expires on 10/18/23

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.