Pre-Demolition Hazardous Materials Survey

730 Stanyan Street

San Francisco, CA 94117

June 7, 2018

Terracon Project No. R1187355

Prepared for:

San Francisco Public Works
30 Van Ness Ave.
San Francisco, CA

Prepared by:

Terracon Consultants, Inc.
Emeryville, California

June 7, 2018

San Francisco Public Works
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Attn: Carol Krop
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Re: Pre-Demolition Hazardous Materials Survey
730 Stanyan Street
San Francisco, CA 94117
Terracon Project No. R1187355
CSO# TIH 08; Master Contract PS ID: 0000009849; Master Agreement # 186,004

Terracon Consultants, Inc. (Terracon) is pleased to submit the attached report for the above referenced site to San Francisco Public Works. The purpose of this report is to present the results of a pre-demolition level asbestos, lead, and other hazardous materials survey performed on May 2, 2018. This survey was conducted in general accordance with our proposal dated March 29, 2018. We understand that this survey was requested due to planned demolition of the former McDonald's Restaurant located at the site.

Terracon appreciates the opportunity to provide this service to San Francisco Public Works. If you have any questions regarding this report please contact the undersigned at 510-547-7771.

Sincerely,
Terracon Consultants, Inc.

William Frieszell
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EXECUTIVE SUMMARY

This summary is not to be read as a stand-alone document. The report shall be read in its entirety. The reader must review the detailed information provided in the accompanying text. The interpretation, use and conclusions resulting from the data contained in this report is the responsibility of the reader.

Terracon Consultants, Inc. (Terracon) conducted a hazardous materials survey of the building located at 730 Stanyan Street in San Francisco, California 94117. We understand this survey was requested due to the planned demolition of the former McDonald's restaurant located at the site. The purpose of this survey was to sample and provide information regarding the identity, location, condition and approximate quantities of asbestos containing materials (ACM), lead containing paint / building materials, polychlorinated biphenyl (PCB) containing sealants, mercury containing light fixtures and PCB containing lighting ballasts. The survey was performed on May 2, 2018 by Remington Caldwell and William Frieszell, Certified Asbestos Consultants (CACs), in general accordance with the sampling protocols established in United States Environmental Protection Agency (USEPA) 40 Code of Federal Regulations (CFR) Part 763 Subpart E 763, known as the Asbestos Hazard Emergency Response Act, (AHERA). In addition, sampling was also conducted in order to identify lead-containing coatings and building materials that may be disturbed by project activities for the purpose of compliance with Cal-OSHA's Lead in Construction Standard. Mr. Caldwell and Mr. Frieszell hold current accreditations as Lead Inspector/Assessors with the California Department of Public Health (CDPH).

It should be noted that the scope of the survey was limited to materials present within the McDonald's structure and associated planter boxes per SFPW's request.

Terracon collected ninety-five (95) samples from thirty-seven (37) homogeneous suspect asbestos-containing materials (ACM). Upon analysis, five (5) of the sampled materials were reported to contain asbestos in concentrations exceeding the laboratory limit of detection.

Terracon collected four (4) paint-chip samples from painted surfaces and eight (8) bulk samples of ceramic tile glazes in the subject building. Analysis of the samples reported that one (1) ceramic tile sample contained detectable concentrations of lead.

Two (2) samples of exterior sealant compounds were sampled for potential PCB content. PCBs were not detected above the limit of detection in either of the items sampled.

Mercury containing fluorescent light tubes were present throughout the interior of the building. No mercury containing thermostats or switches were observed within the building.

Representative lighting ballasts inspected in the building were labeled as containing “No PCBs”. All ballasts not specifically labeled as “No PCBs” or as “Electronic Ballast” are assumed to contain PCBs.

Eight (8) rooftop level heating, ventilation and air conditioning (HVAC) package units were observed. Four (4) units were labeled as factory charged with Freon R-22, which is a hydrochlorofluorocarbon based refrigerant. The coolant servicing the remaining units could not be verified due to degradation of the labeling.

PRE-DEMOLITION HAZARDOUS MATERIALS SURVEY
730 Stanyan Street
San Francisco, California
Terracon Project No. R1187355
June 7, 2018

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted a hazardous materials survey of the former McDonald's restaurant located at 730 Stanyan Street in San Francisco, California 94117. The survey was conducted on May 2, 2018 by Remington Caldwell and William Frieszell, Certified Asbestos Consultants (CACs) and CDPH Lead Inspector/Assessors. The interior and exterior building components were surveyed, and homogeneous areas of suspect asbestos-containing materials (ACM), lead-containing paints / building materials and suspected PCB sealants were sampled, to the extent feasible for confirmation by laboratory analysis. In addition, PCB containing lighting ballasts, mercury containing thermostats and lighting tubes were visually identified and documented. Although reasonable effort was made to survey accessible suspect materials, additional suspect but un-sampled materials could be located in walls, in voids, beneath building finishes, beneath the building slab or in other concealed areas.

1.1 Scope of Work

The scope of the survey was as follows:

- Inspect the subject building for the presence of suspect ACMs, lead-containing paint / building materials, mercury-containing products and PCB containing lighting ballasts.
- Collect samples of suspect ACMs following a National Emissions Standards for Hazardous Air Pollutants (NESHAPS) protocol for sample collection for a renovation survey.
- Asbestos bulk samples will be analyzed using polarized light microscopy (PLM) in accordance with the EPA's July 1993 method for the determination of asbestos in bulk building materials - EPA 600/R-93/116.
- Collect bulk paint chip samples of primary painted surfaces and other materials suspected to be lead containing. Bulk samples will be analyzed at an accredited laboratory by Flame Atomic Absorption (AA) for Total Lead reported in parts per million (ppm).
- Collect bulk samples of predominant sealants and caulks that may either contain or be contaminated with PCBs for analysis by EPA Method SW8082, Polychlorinated Biphenyls by Gas Chromatography.

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

1.2 Reliance

This report is for the exclusive use of ~~San Francisco Public Works~~ for the project being discussed. The report shall be read in its entirety. The reader must review the detailed information provided in the accompanying text. The interpretation, use and conclusions resulting from the data contained in this report is the responsibility of the reader.

2.0 BUILDING DESCRIPTION

The referenced structure is located at 730 Stanyan Street in San Francisco, California. The building consists of two (2) stories and is predominantly constructed of concrete masonry unit block, brick and concrete exterior finishes. The roof system consists of built-up tar and gravel materials with a clay tile system located along the building perimeter. Typical interior finishes include drywall, acoustical ceiling tile, vinyl floor tile and ceramic tile systems. All pipe insulation observed was fiberglass.

3.0 HAZARDOUS MATERIALS SURVEY PROCEDURES

The survey was conducted by Remington Caldwell and William Frieszell, CACs certified by the California Division of Occupational Safety and Health (Cal-OSHA) and CDPH Lead Inspector/Assessors. Terracon's project personnel's certifications can be found in Appendix F of this report. The asbestos survey was conducted in general accordance with the sampling protocols outlined in United States Environmental Protection Agency (USEPA) 40 Code of Federal Regulations (CFR) Part 763 Subpart E 763, known as the Asbestos Hazard Emergency Response Act (AHERA). Lead sampling was conducted to identify suspect lead-containing coatings and building materials that may be disturbed by project activities for the purpose of compliance with Cal-OSHA's Lead in Construction Standard and is not intended to be a "Lead Inspection" or "Lead Risk Assessment" as defined by CDPH. In addition, limited sealant samples were collected from the building exterior for the purposes of characterizing for potential PCB contents. A summary of survey activities is provided below.

3.1 Visual Assessment of Suspect ACM

Survey activities were initiated with visual observation of the interior and exterior of the building to identify homogeneous areas of suspect ACM. A homogeneous material (HM) consists of a building component that appears similar throughout the survey area in terms of color, size and

texture with consideration given to the date of application. Assessment was conducted in all accessible areas of the building including the interior, exterior and roof.

Terracon inspected the walls in multiple places throughout the building and did not observe additional coverings/layers, but there may be areas of additional suspect material present within the building walls not investigated. Terracon did not inspect in concealed wall cavities or in sub grade areas.

3.2 Physical Assessment and Sampling of Suspect ACM

A physical assessment of each HM of suspect ACM was conducted to assess the current friability and condition of the materials. A friable material is defined by the EPA as a material which can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

Based on results of the visual observation, bulk samples of suspect ACM were collected in general accordance with EPA / AHERA sampling protocols. Samples of suspect materials were collected from randomly selected locations in each homogeneous area. Bulk samples were collected using wet methods as applicable to reduce the potential for fiber release. Samples were placed in sealable containers and labeled with unique sample numbers.

The selection of sample locations and frequency of sampling were based on Terracon's observations and the assumption that like materials in the same area are homogeneous in content.

Terracon collected 95 samples from 37 homogeneous materials of suspect ACM. A summary of suspect ACM samples collected during the survey is included as Appendix A. A summary of the materials assumed as containing asbestos is included in Table I below. Materials found to be non-asbestos are included in Table II below.

3.3 Sample Analysis of Suspect ACM

Asbestos bulk samples were submitted under chain of custody to Micro Analytical Laboratories, Inc. (MAL) in Emeryville, California for analysis by polarized light microscopy (PLM) with dispersion staining techniques per EPA methodology 600/R-93/116. The percentage of asbestos, where applicable, was determined by microscopic visual estimation.

MAL is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP) Accreditation No. 101872-0. The laboratory reports for the asbestos bulk samples are included as Appendix B.

3.4 Visual Assessment of Lead Containing Paint / Building Materials

Inspection activities began with visual observations of painted surfaces to identify unique combinations of paint on building materials. A unique combination of paint consists of paint that is applied to a building material and has similar color, substrate and component. Assessment was conducted throughout the visually accessible areas of the building.

3.5 Physical Assessment and Sampling of Lead Containing Paint / Building Materials

A physical assessment of each unique combination of paint was conducted to assess the condition of the paint. Lead paint chip samples were collected to comply with Cal-OSHA regulations (Title 8 CCR 1532.1 – Lead Exposure in Construction) for the proposed renovation activities. Paint and building materials were sampled to identify potential worker exposure and potential disposal restrictions.

Terracon collected paint chip samples to determine the lead content in parts per million (ppm) of the predominant painted interior and exterior surfaces throughout the site structure. Suspect lead paint and bulk material samples were collected in sealable containers and labeled with unique sample numbers.

Terracon collected four (4) bulk samples of suspect lead-containing paint and eight (8) samples of ceramic tile glazing compounds. A summary of suspect lead samples collected during the survey is included in Table III.

3.6 Sample Analysis of Lead Containing Paint / Building Materials

Paint chip and building material samples were submitted under chain of custody to Micro Analytical Laboratories, Inc. (MAL) of Emeryville, California. Paint chip and material samples were analyzed by Flame Atomic Absorption (EPA SW-846 Method 7420). MAL is accredited by the American Industry Hygiene Association's (AIHA) Environmental Lead Laboratory Accreditation Program (ELLAP) (Lab Code 101768) to perform Flame Atomic Absorption analysis. The laboratory reports for the lead paint chip and material samples are included as Appendix C.

3.7 Bulk Sampling and Analysis of Suspect PCBs

Bulk samples of suspect caulks and sealants were collected using hand tools and manual methods and were placed into individual plastic or glass containers. Each sample was individually numbered and recorded on a chain-of-custody form. The samples were transported under chain-of-custody procedures via courier to McCambell Analytical, Inc. in Pittsburg,

California for PCB extraction using EPA Method 3550B. Upon extraction, samples were subsequently analyzed using EPA Method SW8082, polychlorinated biphenyls by gas chromatography.

3.8 Visual Assessment of Other Hazardous Building Materials

The building was visually surveyed for the presence of mercury containing products such as fluorescent light tubes, switches, high intensity discharge (HID) bulbs, and thermometers. Lighting fixtures were screened for the potential presence of PCB containing ballasts. Ballasts were inspected for the presence of labels that identify the ballast as “PCB Free”, “No PCBs”, or Electronic Ballast” which would indicate that the ballast does not contain PCBs.

4.0 SURVEY FINDINGS

4.1 Asbestos-Containing Materials

Upon analysis by polarized light microscopy (PLM), asbestos was reported to be present in the building materials listed in Table I below. A complete sample summary in included as Appendix A. The laboratory analytical report is included as Appendix B.

TABLE I
ASBESTOS-CONTAINING MATERIALS

Sample Nos. / Material Description	Material Location	NESHAP Category	Cal-OSHA Class	Asbestos Type	Estimated Quantity*
13A, B & C / Wall System - Drywall and Joint Compound	Material is Present throughout the Building Interior	Not Applicable	Class II	Drywall: ND Joint Compound: 2% CH Composite Point Count: 0.5% CH	7,000 sf
25A, B & C / Exterior Eave System - Drywall and Joint Compound	Material is Present throughout Building Exterior Perimeter Areas	Not Applicable	Class II	Drywall: ND Joint Compound: 2% CH Composite Point Count: 0.5% CH	2,000 sf
26A, B & C / Exterior Framing Sealant - Black	Material is Present Around all Doorway and Window Frames	Cat. II	Class II	5% CH	300 sf
31A, B, C & D / Roofing Mastics - Black/Grey	Material is Present throughout Roofing Systems at Patches, Seams and other Exposed Mastic Systems	Cat. I	Class II	3% CH	500 sf

Sample Nos. / Material Description	Material Location	NESHAP Category	Cal-OSHA Class	Asbestos Type	Estimated Quantity*
37A, B & C / Planter Box Moisture Barrier - Black	Material is Limited to Exterior Planter Boxes	Cat. II	Class II	25% CH	400 sf

ND = None Detected, CH = Chrysotile, lf = linear feet, sf = square feet, ea – each, RACM = Regulated asbestos containing material (friable), Cat. I = Non-friable (note ACM must be reclassified as a RACM if rendered friable during removal), Cat. II = Category II Non-friable (note ACM must be reclassified as a RACM if rendered friable during removal), * Quantity estimates should be field verified prior to abatement or abatement design

Category I Non-Friable materials can be reasonably expected to be damaged and made friable during normal demolition activities and should be removed prior to start of demolition. Category II Non-Friable materials are likely to be damaged and made friable during demolition or renovation activities and must be removed prior to start of demolition. All removal of ACMs including non-friable materials left in the building must be conducted by a licensed and registered asbestos abatement contractor in accordance with 8CCR1529 and the BAAQMD Regulation 11 Rule 2.

Suspect asbestos containing materials sampled and found to be non-asbestos are listed in Table II below.

TABLE II
NON-ASBESTOS CONTAINING MATERIALS

Sample Nos. / Material Description	Sample Nos. / Material Description
1A, B & C / Brick Wall Surfacing Compound - White	2A & B / Faux Stone Ceramic Tile System - 12" Tan Tile with Grout and Mortar
3A, B & C / Ceiling Tile - 2'x2' White Lay-in System, Pinhole/Fissure Pattern	4A, B & C / Wainscot Adhesive - Tan on Fiberboard Dining Room System
5A, B & C / Faux Brick Floor - 4 'x 9' Red Ceramic Tile with Grout and Mortar	6A & B / Ceramic Tile Cove System - 5" Red Tile with
7A, B & C / Wainscot Adhesive - Brown on Full Height White FRP	8A, B & C / Ceramic Wall Tile System - 4" White Tile with Grout and Mastic
9A & B / Ceramic Floor Tile System - 9" Red with Grout and Mortar	10A & B / Ceramic Wall Tile System - 24" Tan Tile with Grout and Mortar
11A, B & C / Wall System - Green Board and Joint Compound	12A, B & C / Ceiling Tile - 4'x'4 Glued System, Kitchen Slip Free Type
14A & B / Floor Tile - 12" Press-on Style, Faux Mosaic Pattern	15A & B / Ceramic Floor Tile System - 4"x9" Faux Wood Pattern with Grout and Mortar
16A & B / Wood Paneling Adhesive - Yellow	17A & B / Walk-in Refrigerator Insulation - Yellow Foam
18A & B / Brick Wall System - Brown Brick with Brown Mortar	19A & B / Ceramic Floor Tile System - 6" Grey with Grout and Mortar

20A, B & C / Floor Tile - 12” Press-on Type, Red	21A & B / Cove Base Adhesive - Tan on 4” Black Cove
22A & B / Basement Wall System - Drywall and Joint Compound	23A & B / Cinderblock Wall System - Brown CMU with Grey Mortar
24A & B / Cinderblock Pressure Grouting Material - Grey	27A, B & C / Building Concrete Materials
28A & B / Roofing Clay Tile - Red	29A & B / Felt Roofing Field under Clay Tiles
30A, B & C / Roof Parapet System - Rolled Composite Shingle	32A, B & C / Roof Flashing/HVAC Curbing Systems - Rolled Shingling
33A & B / Wall Covering Material - Tan	34A & B / Decorative Rock Wall Mortar - Grey
35A, B & C / Main Roofing Field - Tar and Gravel System	36A, B & C / Perimeter Roofing Field - Cascading Shingle Systems

It should be re-emphasized that although reasonable efforts were made to survey accessible suspect materials, additional suspect but un-sampled materials could be located under existing building materials, inside walls, above ceilings, in isolated areas or in other concealed areas. Therefore, if suspect materials are encountered during abatement and/or demolition activities that do not appear to have been characterized as ACM or non-ACM, these materials must be assumed to be ACM until samples are collected and analyzed to prove otherwise. Any assumed material should be treated as asbestos or sampled to determine asbestos content before disturbing the material.

4.2 Lead-Containing Paints and Bulk Materials

Four (4) painted surfaces and eight (8) ceramic tile glazes were sampled and analyzed for potential lead content. One (1) ceramic sample were found to contain lead content above the laboratory detection limit. This material was not reported to contain lead in concentration exceeding 5,000 parts per million. Paint or materials reported with “<” indicate concentrations below the laboratory analytical reporting limit for the sample submitted. The laboratory results for lead testing are summarized in Table III below and laboratory reports are provided in Appendix C.

TABLE III
LEAD SAMPLE RESULTS

Sample Number	Material Description and Location	Results mg/kg (ppm)	Lead-Containing	Lead-Based Paint
Pb-01	Tan Glazing Compound on 12" Ceramic Window Box Tile at Ground Floor Main Dining Area	<9.7	N	N
Pb-02	Red Glazing Compound on 4" x 9" Faux Brick Ceramic Tile at Ground Floor Main Dining Area	<8.5	N	N
Pb-03	Red Glazing Compound on 5" Ceramic Cove Base Tile at Ground Floor Main Dining Area	<8.4	N	N
Pb-04	Red Glazing Compound on 9" Ceramic Floor Tile at Ground Floor Main Food Preparation Area	<7.9	N	N
Pb-05	White Glazing Compound on 4" Ceramic Wall Tile at Ground Floor Main Food Preparation Area	3,100	Y	N
Pb-06	Tan Glazing Compound on 24" Ceramic Wall Tile at Ground Floor Southwestern Men's Restroom	<7.0	N	N
Pb-07	Tan Glazing Compound on 4" x 9" Faux Wood Ceramic Floor Tile at Ground Floor Southwestern Men's Restroom	<8.1	N	N
Pb-08	Grey Glazing Compound on 6" Ceramic Floor Tile at Basement Level Northwestern Breakroom	<6.4	N	N
Pb-09	White Paint on Drywall Wall System at Basement Level Central Corridor Area	<45	N	N
Pb-10	White Paint on Cinderblock Wall System at Basement Level Central Corridor Area	<81	N	N
Pb-11	Red Paint on Wooden Parapet Cap System at Southwestern Corner of Main Roofing Area	<69	N	N
Pb-12	Brown Paint on Brick Exterior Wall System at Southern Side of Building	<73	N	N

mg/kg= Milligram per kilogram, ppm = parts per million

Disturbance of lead-containing paints and materials must be conducted in accordance with the requirements of Cal/OSHA (8CCR1532.1).

4.3 Suspect PCB Containing Sealants

Two (2) samples of exterior sealant compounds were sampled for potential polychlorinated biphenyl (PCB) content. PCBs were not detected above the analytical reporting limit in any of the materials sampled. Table IV below summarizes the sampling locations and results for the materials. All results are provided in milligrams of PCBs per kilogram of bulk material (mg/Kg).

TABLE IV
PCB SAMPLE RESULTS

Sample Number	Material Description and Location	Results (mg/Kg)
PCB-01A	Exterior Framing Sealant - Black 730 Stanyan, Exterior - Southern Side of Building at Southwestern Doorway	ND<0.050
PCB-01B	Exterior Framing Sealant - Black 730 Stanyan, Exterior - Southern Side of Building at Southwestern Window Bank	ND<0.050

4.4 Other Hazardous Building Materials

Terracon visually assessed the building for the presence of mercury containing products such as fluorescent light tubes, HID bulbs, mercury switches and thermometers. Compact fluorescent light bulbs were observed in various areas of the building. Fluorescent lighting was used as the primary light throughout the space. Mercury switches and thermostats were not observed in the structure. Mercury-containing tubes and bulbs should be removed from the fixtures or equipment without breakage and packaged for mercury reclamation as a universal waste through an appropriate vendor prior to removal of any fixtures.

Select lighting ballasts were inspected for labeling indicating the absence of PCBs. Ballasts observed were labeled as non-PCB ballasts. All ballasts should be inspected prior to disposal to verify the presence/absence of PCBs. Ballasts should be assumed to be PCB-containing unless specified by the manufacturer's label as containing "No PCBs".

Eight (8) rooftop level heating, ventilation and air conditioning (HVAC) package units were observed. Four (4) units were labeled as factory charged with Freon R-22, which is a hydrochlorofluorocarbon based refrigerant. The coolant servicing the remaining units could not be verified due to degradation of the labeling.

A summary of the visually confirmed materials is provided in Table V below.

TABLE V
VISUALLY CONFIRMED HAZARDOUS BUILDING MATERIALS

Material	Location	Estimated Quantity
Mercury Containing Materials		
4-foot Fluorescent Light Tubes	Interior Lighting Fixtures Throughout	160
Ballasts with Suspect PCB Capacitors		
Fluorescent Light Fixtures	Interior Lighting Fixtures Throughout	85
Refrigerants		
R-22 Refrigerant	HVAC Systems throughout Roofing Level	4 Systems
Unknown Refrigerant	HVAC Systems throughout Roofing Level	4 Systems

5.0 REGULATORY SUMMARY

5.1 Asbestos

The Asbestos NESHAP program in California is enforced by federal, state, and county Asbestos NESHAP Coordinators. For projects occurring in the San Francisco, California, the Bay Area Air Quality Management District (BAAQMD) has been delegated authority from the EPA to enforce the Asbestos NESHAP within its respective jurisdictional boundaries, excluding tribal lands.

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos-containing material (RACM). The NESHAP regulation is implemented locally by the BAAQMD in their Regulation 11, Rule 2.

The asbestos NESHAP regulation classifies ACM as either RACM, Category I non-friable ACM or Category II non-friable ACM. RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos.

The California Department of Occupational Safety and Health (Cal-OSHA) asbestos standard for construction (Title 8 CCR 1529) regulates workplace exposure to asbestos. The Cal-OSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as DOSH's asbestos permissible exposure limits (PELs). The Cal-OSHA standard classifies construction and maintenance activities which could disturb ACM, and specifies work practices and precautions which employers must follow when engaging in each class of regulated work.

Disturbance of materials containing asbestos is regulated by Cal-OSHA in the Asbestos in Construction Industry Standard, 8 CCR 1529. Some of the key requirements are summarized below.

- Any individual who contracts to provide health and safety services relating to materials containing more than 0.1% asbestos must be certified by Cal-OSHA as either a Certified Asbestos Consultant or a Site Surveillance Technician. The activities that require certification include: conducting asbestos surveys; writing work plans or specifications for abatement; monitoring the work of abatement contractors; collecting air samples; and determining if the work area is safe for re-occupancy by non-asbestos workers. Regulation: Cal-OSHA 8 CCR 1529 (q)(1).
- If more than 100 square feet of materials that contain greater than 0.1% asbestos will be disturbed, the materials must be removed by a Cal-OSHA registered asbestos abatement contractor. Regulation: Cal-OSHA 8 CCR 1529 (r).
- ACMs that are classified by OSHA as other/miscellaneous materials are present. Removal of these materials is considered a Class II activity according to Cal-OSHA regulations. Work practices and engineering controls for Class II work are specified in Cal-OSHA 8 CCR 1529 (g) (7-8).
- Removal of friable ACMs greater than 100 square feet or 100 linear feet requires notification of the Bay Area Air Quality Management District ten (10) working days in advance of intended removal.
- Friable ACM waste must be manifested, transported, and disposed of as hazardous waste in accordance with the Department of Toxic and Substances Control (DTSC) and under a Waste Shipment Record as required by the Bay Area Air Quality Management District. DTSC regulates disposal of asbestos

waste. DTSC issues U.S. EPA hazardous waste generator identification numbers.

5.2 Lead Containing Paint / Bulk Materials

Personnel performing demolition activities that may disturb painted components or materials with concentrations of lead above the designated analytical detection limit should comply with all current Cal-OSHA regulations in order to minimize employee exposure. Cal-OSHA defines lead containing paint as a paint, which contains lead, regardless of the concentration. Currently, any proposed renovation/demolition is subject to the Cal-OSHA regulations (Title 8 CCR 1532.1 – Lead Exposure in Construction). The Cal-OSHA regulation defines specific training requirements, engineering controls and working practices for construction personnel subject to this standard. Occupational exposure to lead occurring during construction work, including maintenance activities, painting, alteration and repairs is subject to the Cal-OSHA Lead Exposure in Construction standard.

Construction work covered by Title 8 CCR 1532.1 includes any repair or renovation activities or other activities that disturb in-place lead-containing materials, but does not include routine cleaning and repainting where there is insignificant damage, wear, or corrosion of existing lead-containing coatings or substrates. Employers must assure that no employee will be exposed to lead at concentrations greater than 50 micrograms per cubic meter ($\mu g/m^3$) averaged over an eight-hour period without adequate protection. The Cal-OSHA Standard also establishes an action level of 30 $\mu g/m^3$ which if exceeded triggers the requirement for medical monitoring.

Proper waste stream categorization is required for the disposal of all lead containing materials and painted construction debris with total lead content that exceeds 50 ppm. The debris should be classified as hazardous waste if lead waste concentrations exceed either the total lead concentration or soluble lead concentration regulatory limits. Total lead concentration is determined by Total Threshold Limit Concentration (TTLC). Soluble or leachable lead is determined by the Soluble Threshold Limit Concentration (STLC, California required test) and/or Toxicity Characteristic Leaching Procedure (TCLP) (Federal EPA required test). Regulatory limits characterize a lead waste as a hazardous waste if lead concentrations exceed 1,000 ppm by TTLC or 5 milligrams per liter by STLC or TCLP.

The above overview is not intended to be inclusive of all potentially pertinent regulatory information. The relevant EPA and OSHA standards should be consulted prior to undertaking activities involving the demolition, renovation, or maintenance of surfaces coated with lead containing paints.

Disturbing materials containing any detectable concentration of lead either through repair, maintenance, renovation or demolition activities triggers several regulations enforced by such agencies as Cal-OSHA (worker protection), EPA (environmental exposure, transportation and disposal), and Department of Public Health (DPH). Some of the key requirements of the regulations are summarized below.

- There are presently no federal, state or local regulations limiting the concentration of lead in public sector buildings, however several regulations established for the private sector as well as for government subsidized housing are used industry wide as guidelines for assessing exposure to lead. The Consumer Product Safety Commission (CPSC) has set a maximum limit of 90 ppm in paint used for residential purposes. The Department of Housing and Urban Development (HUD) requires abatement of lead hazards involving paint in concentrations exceeding 5,000 ppm.
- Disposal of all lead-containing materials is regulated at concentrations at or exceeding 1,000 ppm as stated in 40 Code of Federal Regulations (CFR) Part 263 - Land Disposal Regulations and Title 22, Division 4 Environmental Health of the California Administrative Code. Lead containing materials that exceed 50 ppm must be additionally analyzed to determine possible waste disposal restrictions with respect to lead.
- Cal-OSHA regulates all worker exposure during construction activities that impact lead-containing paint. Cal-OSHA enforces the Lead in Construction Standard in Title 8 CCR 1532.1. The scope covers construction work where employees may be exposed to lead during such activities as demolition, removal, surface preparation for re-painting, renovation, clean-up and routine maintenance. The Cal-OSHA specified method of compliance includes respiratory protection, protective clothing and equipment, housekeeping, hygiene facilities, medical surveillance, and training, among other requirements.

5.3 PCBs

PCBs are regulated by the EPA under 40 CFR 761. With certain exceptions, such as pre-existing transformers or light ballasts, the use of PCBs have been banned since 1979. PCBs may be present in lighting ballasts, electrical capacitors, sealants, hydraulic oils, and transformers commonly found in buildings. Materials with greater than 50 ppm PCB content are considered PCB contaminated waste while materials with greater than 500 ppm PCB are considered PCB containing.

PCB containing equipment and/or contaminated materials must be removed and disposed properly prior to demolition of a building. Banned uses of PCBs may have to be removed

following discovery. PCB containing lighting ballasts may be present in some lighting fixtures and must be verified by labeling.

5.4 Universal Waste and Other Potential Hazardous Materials

Universal waste are common wastes with hazardous properties that must be managed and have landfill disposal restrictions. Example of universal waste include electronic devices, batteries, and mercury containing equipment or lighting. Handling, transportation, and disposal is simplified under the universal waste regulation in the California Code of Regulations Title 22, Division 4.5 Chapter 11.

All materials in the building meeting the definition of the universal waste must be removed prior to demolition and handled, transported, and disposed through an appropriate vendor.

5.5 Refrigerants

The use, management, and release of ozone depleting substances used as refrigerants are regulated under the Clean Air Act (CAA) of 1990. Section 608 of the CAA forbids the venting of regulated refrigerants such as CFC, HCFC, blended refrigerants. All regulated refrigerants associated with the building and equipment must be recovered prior to severing pressurized systems.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based upon the survey results, Terracon concludes the following:

- Asbestos was reported to be present in multiple materials, including drywall and joint compound wall and exterior eave systems, roofing mastics and exterior planter box moisture barriers.
- The scope of the survey encompassed only the former McDonald's building and adjacent exterior planter boxes. No other areas of the property were included within the sampling event, including sub-slab areas of the building.
- If additional suspect materials that have not been characterized as ACM or non-ACM in this report are discovered during demolition, these materials should be assumed to contain asbestos and be treated accordingly until proven otherwise by appropriate sampling and laboratory analysis.
- Lead was detected above the laboratory detection limit in one (1) of the ceramic tile glazing compounds sampled throughout the building. This material was reported to contain lead in concentrations exceeding 1,000 ppm.

- Detectable levels of PCBs were not reported in either of the two (2) exterior sealant samples collected during the referenced survey.
- Mercury-containing fluorescent-light tubes and bulbs and were identified throughout the survey area. Mercury-containing tubes and bulbs should be removed from the fixtures or equipment without breakage and packaged for mercury reclamation as a universal waste through an appropriate vendor prior to removal of any fixtures.
- Suspect PCB-containing ballasts associated with the fluorescent lights were observed throughout the building. Each ballast label should be inspected for the phrase “No PCBs” prior to disposal. Ballasts not labeled as such should be assumed to contain PCBs. PCB ballasts should be removed from fixtures and disposed of as PCB-containing materials prior to disposal of the fixtures.
- Roof level HVAC systems were observed to be serviced by R-22 and unknown coolants. These materials should be reclaimed prior to disposal of affected units.

7.0 LIMITATIONS/GENERAL COMMENTS

Terracon performed limited destructive testing such as selective demolition of walls, dismantling of equipment or removal of protective coverings during the survey. Uncharacterized hidden materials may exist under existing finishes, equipment or structural materials.

This hazardous materials survey was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. The results, findings, conclusions and recommendations expressed in this report are based on conditions observed during our survey at the subject site. The information contained in this report is relevant to the date on which this survey was performed, and should not be relied upon to represent conditions at a later date. This report has been prepared on behalf of and exclusively for use by San Francisco Public Works for specific application to their project as discussed. This report is not a bidding document. Contractors or consultants reviewing this report must draw their own conclusions regarding further investigation or remediation deemed necessary. Terracon does not warrant the work of regulatory agencies, laboratories or other third parties supplying information which may have been used in the preparation of this report. No warranty, express or implied is made.

APPENDIX A

ASBESTOS ANALYTICAL SUMMARY TABLE

Sample	Location	Description	Content1	Type1
1A	HM #1 - BRICK WALL SURFACING COMPOUND WHITE, 730 STANYAN, INTERIORMAIN DINING ROOM AREA AT NORTHERN PERIMETER WALL	SURFACING COMPOUND	ND	
1A	HM #1 - BRICK WALL SURFACING COMPOUND WHITE, 730 STANYAN, INTERIORMAIN DINING ROOM AREA AT NORTHERN PERIMETER WALL	WALL COVERING	ND	
1B	HM #1 - BRICK WALL SURFACING COMPOUND WHITE, 730 STANYAN, INTERIORMAIN DINING ROOM AREA AT WESTERN PERIMETER WALL	SURFACING COMPOUND	ND	
1B	HM #1 - BRICK WALL SURFACING COMPOUND WHITE, 730 STANYAN, INTERIORMAIN DINING ROOM AREA AT WESTERN PERIMETER WALL	WALL COVERING	ND	
1C	HM #1 - BRICK WALL SURFACING COMPOUND WHITE, 730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHERN PERIMETER WALL	SURFACING COMPOUND	ND	
1C	HM #1 - BRICK WALL SURFACING COMPOUND WHITE, 730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHERN PERIMETER WALL	WALL COVERING	ND	
2A	HM #2 - FAUX STONE CERAMIC TILE SYSTEM 12" TAN TILE WITH GROUT AND MORTAR730 STANYAN, INTERIORMAIN DINING ROOM AREA AT NORTHWESTERN WINDOW E	CERAMIC TILE	ND	
2A	HM #2 - FAUX STONE CERAMIC TILE SYSTEM 12" TAN TILE WITH GROUT AND MORTAR730 STANYAN, INTERIORMAIN DINING ROOM AREA AT NORTHWESTERN WINDOW E	GROUT	ND	
2A	HM #2 - FAUX STONE CERAMIC TILE SYSTEM 12" TAN TILE WITH GROUT AND MORTAR730 STANYAN, INTERIORMAIN DINING ROOM AREA AT NORTHWESTERN WINDOW E	MORTAR	ND	
2B	HM #2 - FAUX STONE CERAMIC TILE SYSTEM 12" TAN TILE WITH GROUT AND MORTAR730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHERN WINDOW BOX	CERAMIC TILE	ND	
2B	HM #2 - FAUX STONE CERAMIC TILE SYSTEM 12" TAN TILE WITH GROUT AND MORTAR730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHERN WINDOW BOX	GROUT	ND	
2B	HM #2 - FAUX STONE CERAMIC TILE SYSTEM 12" TAN TILE WITH GROUT AND MORTAR730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHERN WINDOW BOX	MORTAR	ND	
3A	HM #3 - CEILING TILE - 2' X 2' WHITE LAY-IN SYSTEM, PINHOLE/FISSURE PATTERN730 STANYAN, INTERIORMAIN DINING ROOM AREA AT NORTHERN SIDE	CEILING TILE	ND	
3A	HM #3 - CEILING TILE - 2' X 2' WHITE LAY-IN SYSTEM, PINHOLE/FISSURE PATTERN730 STANYAN, INTERIORMAIN DINING ROOM AREA AT NORTHERN SIDE	PAINT	ND	
3B	HM #3 - CEILING TILE - 2' X 2' WHITE LAY-IN SYSTEM, PINHOLE/FISSURE PATTERN730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHERN SIDE	CEILING TILE	ND	
3B	HM #3 - CEILING TILE - 2' X 2' WHITE LAY-IN SYSTEM, PINHOLE/FISSURE PATTERN730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHERN SIDE	PAINT	ND	
3C	HM #3 - CEILING TILE - 2' X 2' WHITE LAY-IN SYSTEM, PINHOLE/FISSURE PATTERN730 STANYAN, INTERIORMAIN DINING ROOM AREA AT WESTERN SIDE	CEILING TILE	ND	
3C	HM #3 - CEILING TILE - 2' X 2' WHITE LAY-IN SYSTEM, PINHOLE/FISSURE PATTERN730 STANYAN, INTERIORMAIN DINING ROOM AREA AT WESTERN SIDE	PAINT	ND	
4A	HM #4 - WAINSCOT ADHESIVE TAN ON FIBERBOARD DINING ROOM SYSTEM 730 STANYAN, INTERIORMAIN DINING ROOM AREA AT NORTHERN PERIMETER WALL	ADHESIVE	ND	
4A	HM #4 - WAINSCOT ADHESIVE TAN ON FIBERBOARD DINING ROOM SYSTEM 730 STANYAN, INTERIORMAIN DINING ROOM AREA AT NORTHERN PERIMETER WALL	FIBERBOARD	ND	
4B	HM #4 - WAINSCOT ADHESIVE TAN ON FIBERBOARD DINING ROOM SYSTEM 730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHEASTERN PERIMETER WALL	ADHESIVE	ND	
4B	HM #4 - WAINSCOT ADHESIVE TAN ON FIBERBOARD DINING ROOM SYSTEM 730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHEASTERN PERIMETER WALL	FIBERBOARD	ND	
4C	HM #4 - WAINSCOT ADHESIVE TAN ON FIBERBOARD DINING ROOM SYSTEM 730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHEASTERN PERIMETER WALL	ADHESIVE	ND	
4C	HM #4 - WAINSCOT ADHESIVE TAN ON FIBERBOARD DINING ROOM SYSTEM 730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHEASTERN PERIMETER WALL	FIBERBOARD	ND	
5A	HM #5 - FAUX BRICK FLOOR - 4' X 9' RED CERAMIC TILE WITH GROUT AND MORTAR730 STANYAN, INTERIORMAIN DINING ROOM AREA AT NORTHERN SIDE OF BUILDING	CERAMIC TILE	ND	
5A	HM #5 - FAUX BRICK FLOOR - 4' X 9' RED CERAMIC TILE WITH GROUT AND MORTAR730 STANYAN, INTERIORMAIN DINING ROOM AREA AT NORTHERN SIDE OF BUILDING	GROUT	ND	
5A	HM #5 - FAUX BRICK FLOOR - 4' X 9' RED CERAMIC TILE WITH GROUT AND MORTAR730 STANYAN, INTERIORMAIN DINING ROOM AREA AT NORTHERN SIDE OF BUILDING	MORTAR	ND	
5B	HM #5 - FAUX BRICK FLOOR - 4' X 9' RED CERAMIC TILE WITH GROUT AND MORTAR730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHERN SIDE OF BUILDING	CERAMIC TILE	ND	
5B	HM #5 - FAUX BRICK FLOOR - 4' X 9' RED CERAMIC TILE WITH GROUT AND MORTAR730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHERN SIDE OF BUILDING	GROUT	ND	
5B	HM #5 - FAUX BRICK FLOOR - 4' X 9' RED CERAMIC TILE WITH GROUT AND MORTAR730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHERN SIDE OF BUILDING	MORTAR	ND	
5C	HM #5 - FAUX BRICK FLOOR - 4' X 9' RED CERAMIC TILE WITH GROUT AND MORTAR730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHEASTERN OF BUILDING	CERAMIC TILE	ND	
5C	HM #5 - FAUX BRICK FLOOR - 4' X 9' RED CERAMIC TILE WITH GROUT AND MORTAR730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHEASTERN OF BUILDING	GROUT	ND	
5C	HM #5 - FAUX BRICK FLOOR - 4' X 9' RED CERAMIC TILE WITH GROUT AND MORTAR730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHEASTERN OF BUILDING	MORTAR	ND	
6A	HM #6 - CERAMIC TILE COVE SYSTEM - 5" RED TILE WITH 730 STANYAN, INTERIORFOOD COUNTER AREA AT NORTHERN SIDE PERIMETER WALL	CERAMIC TILE	ND	
6A	HM #6 - CERAMIC TILE COVE SYSTEM - 5" RED TILE WITH 730 STANYAN, INTERIORFOOD COUNTER AREA AT NORTHERN SIDE PERIMETER WALL	GROUT	ND	
6A	HM #6 - CERAMIC TILE COVE SYSTEM - 5" RED TILE WITH 730 STANYAN, INTERIORFOOD COUNTER AREA AT NORTHERN SIDE PERIMETER WALL	MORTAR	ND	
6B	HM #6 - CERAMIC TILE COVE SYSTEM - 5" RED TILE WITH 730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHWESTERN DEMISING WALL	CERAMIC TILE	ND	
6B	HM #6 - CERAMIC TILE COVE SYSTEM - 5" RED TILE WITH 730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHWESTERN DEMISING WALL	GROUT	ND	
6B	HM #6 - CERAMIC TILE COVE SYSTEM - 5" RED TILE WITH 730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHWESTERN DEMISING WALL	MORTAR	ND	
7A	HM #7 - WAINSCOT ADHESIVE BROWN ON FULL HEIGHT WHITE FRP730 STANYAN, INTERIORMAIN FOOD PREPARTION AREA AT NORTHERN PERIMETER WALL	ADHESIVE	ND	
7A	HM #7 - WAINSCOT ADHESIVE BROWN ON FULL HEIGHT WHITE FRP730 STANYAN, INTERIORMAIN FOOD PREPARTION AREA AT NORTHERN PERIMETER WALL	WRAP	ND	
7B	HM #7 - WAINSCOT ADHESIVE BROWN ON FULL HEIGHT WHITE FRP730 STANYAN, INTERIORMAIN FOOD PREPARATION AREA AT SOUTHERN PARTITION WALL	ADHESIVE	ND	
7B	HM #7 - WAINSCOT ADHESIVE BROWN ON FULL HEIGHT WHITE FRP730 STANYAN, INTERIORMAIN FOOD PREPARATION AREA AT SOUTHERN PARTITION WALL	WRAP	ND	
7C	HM #7 - WAINSCOT ADHESIVE BROWN ON FULL HEIGHT WHITE FRP730 STANYAN, INTERIORMAIN FOOD PREPARATION AREA AT CENTRAL SOFFITT	ADHESIVE	ND	
7C	HM #7 - WAINSCOT ADHESIVE BROWN ON FULL HEIGHT WHITE FRP730 STANYAN, INTERIORMAIN FOOD PREPARATION AREA AT CENTRAL SOFFITT	WRAP	ND	
8A	HM #8 - CERAMIC WALL TILE SYSTEM 4" WHITE TILE WITH GROUT AND MASTIC730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT SOUTHERN PARTITION WALL	CERAMIC TILE	ND	
8A	HM #8 - CERAMIC WALL TILE SYSTEM 4" WHITE TILE WITH GROUT AND MASTIC730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT SOUTHERN PARTITION WALL	GROUT	ND	
8A	HM #8 - CERAMIC WALL TILE SYSTEM 4" WHITE TILE WITH GROUT AND MASTIC730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT SOUTHERN PARTITION WALL	ADHESIVE	ND	
8B	HM #8 - CERAMIC WALL TILE SYSTEM 4" WHITE TILE WITH GROUT AND MASTIC730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT NORTHERN PARTITION WALL	CERAMIC TILE	ND	
8B	HM #8 - CERAMIC WALL TILE SYSTEM 4" WHITE TILE WITH GROUT AND MASTIC730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT NORTHERN PARTITION WALL	GROUT	ND	
8B	HM #8 - CERAMIC WALL TILE SYSTEM 4" WHITE TILE WITH GROUT AND MASTIC730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT NORTHERN PARTITION WALL	MORTAR	ND	
8C	HM #8 - CERAMIC WALL TILE SYSTEM 4" WHITE TILE WITH GROUT AND MASTIC730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT EASTERN PARTITION WALL	CERAMIC TILE	ND	
8C	HM #8 - CERAMIC WALL TILE SYSTEM 4" WHITE TILE WITH GROUT AND MASTIC730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT EASTERN PARTITION WALL	ADHESIVE	ND	
8C	HM #8 - CERAMIC WALL TILE SYSTEM 4" WHITE TILE WITH GROUT AND MASTIC730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT EASTERN PARTITION WALL	DRYWALL / PAPER BACKING	ND	
9A	HM #9 - CERAMIC FLOOR TILE SYSTEM9" RED WITH GROUT AND MORTAR730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT SOUTHWESTERN SIDE	CERAMIC TILE	ND	
9A	HM #9 - CERAMIC FLOOR TILE SYSTEM9" RED WITH GROUT AND MORTAR730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT SOUTHWESTERN SIDE	GROUT	ND	
9A	HM #9 - CERAMIC FLOOR TILE SYSTEM9" RED WITH GROUT AND MORTAR730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT SOUTHWESTERN SIDE	MORTAR	ND	
9B	HM #9 - CERAMIC FLOOR TILE SYSTEM9" RED WITH GROUT AND MORTAR730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT EASTERN SIDE	CERAMIC TILE	ND	
9B	HM #9 - CERAMIC FLOOR TILE SYSTEM9" RED WITH GROUT AND MORTAR730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT EASTERN SIDE	GROUT	ND	

9B	HM #9 - CERAMIC FLOOR TILE SYSTEM9" RED WITH GROUT AND MORTAR730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT EASTERN SIDE	MORTAR	ND	
10A	HM #10 - CERAMIC WALL TILE SYSTEM 24" TAN TILE WITH GROUT AND MORTAR730 STANYAN, INTERIOR SOUTHEASTERN WOMEN'S RESTROOM AT NORTHERN PARTITIOI	CERAMIC TILE	ND	
10A	HM #10 - CERAMIC WALL TILE SYSTEM 24" TAN TILE WITH GROUT AND MORTAR730 STANYAN, INTERIOR SOUTHEASTERN WOMEN'S RESTROOM AT NORTHERN PARTITIOI	GROUT	ND	
10A	HM #10 - CERAMIC WALL TILE SYSTEM 24" TAN TILE WITH GROUT AND MORTAR730 STANYAN, INTERIOR SOUTHEASTERN WOMEN'S RESTROOM AT NORTHERN PARTITIOI	MORTAR	ND	
10B	HM #10 - CERAMIC WALL TILE SYSTEM 24" TAN TILE WITH GROUT AND MORTAR730 STANYAN, INTERIOR SOUTHEASTERN WOMEN'S RESTROOM AT WESTERN WALL	CERAMIC TILE	ND	
10B	HM #10 - CERAMIC WALL TILE SYSTEM 24" TAN TILE WITH GROUT AND MORTAR730 STANYAN, INTERIOR SOUTHEASTERN WOMEN'S RESTROOM AT WESTERN WALL	GROUT	ND	
10B	HM #10 - CERAMIC WALL TILE SYSTEM 24" TAN TILE WITH GROUT AND MORTAR730 STANYAN, INTERIOR SOUTHEASTERN WOMEN'S RESTROOM AT WESTERN WALL	MORTAR	ND	
11A	HM #11 - WALL SYSTEM - GREEN BOARD AND JOINT COMPOUND730 STANYAN, INTERIORMAIN DINING ROOM AREA, SOUTHERN PERIMETER WALL AT WESTERN SIDE	DRYWALL	ND	
11A	HM #11 - WALL SYSTEM - GREEN BOARD AND JOINT COMPOUND730 STANYAN, INTERIORMAIN DINING ROOM AREA, SOUTHERN PERIMETER WALL AT WESTERN SIDE	JOINT COMPOUND	ND	
11A	HM #11 - WALL SYSTEM - GREEN BOARD AND JOINT COMPOUND730 STANYAN, INTERIORMAIN DINING ROOM AREA, SOUTHERN PERIMETER WALL AT WESTERN SIDE	ADHESIVE / TAPE	ND	
11B	HM #11 - WALL SYSTEM - GREEN BOARD AND JOINT COMPOUND730 STANYAN, INTERIORMAIN DINING ROOM AREA, SOUTHERN PERIMETER WALL AT CENTER SIDE	DRYWALL	ND	
11B	HM #11 - WALL SYSTEM - GREEN BOARD AND JOINT COMPOUND730 STANYAN, INTERIORMAIN DINING ROOM AREA, SOUTHERN PERIMETER WALL AT CENTER SIDE	JOINT COMPOUND	ND	
11B	HM #11 - WALL SYSTEM - GREEN BOARD AND JOINT COMPOUND730 STANYAN, INTERIORMAIN DINING ROOM AREA, SOUTHERN PERIMETER WALL AT CENTER SIDE	ADHESIVE / TAPE	ND	
11C	HM #11 - WALL SYSTEM - GREEN BOARD AND JOINT COMPOUND730 STANYAN, INTERIORMAIN DINING ROOM AREA, SOUTHERN PERIMETER WALL AT EASTERN SIDE	DRYWALL	ND	
11C	HM #11 - WALL SYSTEM - GREEN BOARD AND JOINT COMPOUND730 STANYAN, INTERIORMAIN DINING ROOM AREA, SOUTHERN PERIMETER WALL AT EASTERN SIDE	JOINT COMPOUND	ND	
11C	HM #11 - WALL SYSTEM - GREEN BOARD AND JOINT COMPOUND730 STANYAN, INTERIORMAIN DINING ROOM AREA, SOUTHERN PERIMETER WALL AT EASTERN SIDE	ADHESIVE / TAPE	ND	
12A	HM #12 - CEILING TILE - 4' X 4' GLUED SYSTEM KITCHEN SLIP FREE TYPE730 STANYAN, INTERIORCENTRAL OFFICE AREA AT NORTHWESTERN CORNER	CEILING TILE	ND	
12A	HM #12 - CEILING TILE - 4' X 4' GLUED SYSTEM KITCHEN SLIP FREE TYPE730 STANYAN, INTERIORCENTRAL OFFICE AREA AT NORTHWESTERN CORNER	MASTIC (BROWN)	ND	
12A	HM #12 - CEILING TILE - 4' X 4' GLUED SYSTEM KITCHEN SLIP FREE TYPE730 STANYAN, INTERIORCENTRAL OFFICE AREA AT NORTHWESTERN CORNER	DRYWALL	ND	
12B	HM #12 - CEILING TILE - 4' X 4' GLUED SYSTEM KITCHEN SLIP FREE TYPE730 STANYAN, INTERIORCENTRAL OFFICE AREA AT NORTHEASTERN CORNER	CEILING TILE	ND	
12B	HM #12 - CEILING TILE - 4' X 4' GLUED SYSTEM KITCHEN SLIP FREE TYPE730 STANYAN, INTERIORCENTRAL OFFICE AREA AT NORTHEASTERN CORNER	MASTIC (BROWN)	ND	
12B	HM #12 - CEILING TILE - 4' X 4' GLUED SYSTEM KITCHEN SLIP FREE TYPE730 STANYAN, INTERIORCENTRAL OFFICE AREA AT NORTHEASTERN CORNER	DRYWALL	ND	
12C	HM #12 - CEILING TILE - 4' X 4' GLUED SYSTEM KITCHEN SLIP FREE TYPE730 STANYAN, INTERIORCENTRAL OFFICE AREA AT SOUTHWESTERN CORNER	CEILING TILE	ND	
12C	HM #12 - CEILING TILE - 4' X 4' GLUED SYSTEM KITCHEN SLIP FREE TYPE730 STANYAN, INTERIORCENTRAL OFFICE AREA AT SOUTHWESTERN CORNER	MASTIC (BROWN)	ND	
12C	HM #12 - CEILING TILE - 4' X 4' GLUED SYSTEM KITCHEN SLIP FREE TYPE730 STANYAN, INTERIORCENTRAL OFFICE AREA AT SOUTHWESTERN CORNER	DRYWALL	ND	
13A	HM #13 - WALL SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, INTERIORCENTRAL OFFICE AREA AT NORTHEASTERN CORNER	DRYWALL	ND	
13A	HM #13 - WALL SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, INTERIORCENTRAL OFFICE AREA AT NORTHEASTERN CORNER	JOINT COMPOUND	ND	
13A	HM #13 - WALL SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, INTERIORCENTRAL OFFICE AREA AT NORTHEASTERN CORNER	MESH / PAINT	ND	
13B	HM #13 - WALL SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, INTERIORMAIN DINING ROOM AREA AT CENTRAL FOOD PREP PARTITION WALL	DRYWALL	ND	
13B	HM #13 - WALL SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, INTERIORMAIN DINING ROOM AREA AT CENTRAL FOOD PREP PARTITION WALL	JOINT COMPOUND	2	CHRYSOTILE ASBESTOS
13B	HM #13 - WALL SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, INTERIORMAIN DINING ROOM AREA AT CENTRAL FOOD PREP PARTITION WALL	MESH / PAINT	ND	
13C	HM #13 - WALL SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, INTERIORCENTRAL OFFICE AREA AT SOUTHWESTERN CORNER	DRYWALL	ND	
13C	HM #13 - WALL SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, INTERIORCENTRAL OFFICE AREA AT SOUTHWESTERN CORNER	JOINT COMPOUND	2	CHRYSOTILE ASBESTOS
13C	HM #13 - WALL SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, INTERIORCENTRAL OFFICE AREA AT SOUTHWESTERN CORNER	MESH / PAINT	ND	
14A	HM #14 - FLOOR TILE - 12" PRESS-ON STYLE FAUX MOSAIC PATTERN730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT NORTHERN PANTRY CLOSET	FLOOR TILE	ND	
14A	HM #14 - FLOOR TILE - 12" PRESS-ON STYLE FAUX MOSAIC PATTERN730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT NORTHERN PANTRY CLOSET	MASTIC	ND	
14A	HM #14 - FLOOR TILE - 12" PRESS-ON STYLE FAUX MOSAIC PATTERN730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT NORTHERN PANTRY CLOSET	WOOD UNDERLAYMENT	ND	
14B	HM #14 - FLOOR TILE - 12" PRESS-ON STYLE FAUX MOSAIC PATTERN730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT NORTHERN PANTRY CLOSET	FLOOR TILE	ND	
14B	HM #14 - FLOOR TILE - 12" PRESS-ON STYLE FAUX MOSAIC PATTERN730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT NORTHERN PANTRY CLOSET	MASTIC	ND	
14B	HM #14 - FLOOR TILE - 12" PRESS-ON STYLE FAUX MOSAIC PATTERN730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT NORTHERN PANTRY CLOSET	WOOD UNDERLAYMENT	ND	
15A	HM #15 - CERAMIC FLOOR TILE SYSTEM - 4" X 9" FAUX WOOD PATTERN WITH GROUT AND MORTAR730 STANYAN, INTERIOR SOUTHEASTERN WOMENS RESTROOM AT EN	CERAMIC TILE	ND	
15A	HM #15 - CERAMIC FLOOR TILE SYSTEM - 4" X 9" FAUX WOOD PATTERN WITH GROUT AND MORTAR730 STANYAN, INTERIOR SOUTHEASTERN WOMENS RESTROOM AT EN	GROUT	ND	
15A	HM #15 - CERAMIC FLOOR TILE SYSTEM - 4" X 9" FAUX WOOD PATTERN WITH GROUT AND MORTAR730 STANYAN, INTERIOR SOUTHEASTERN WOMENS RESTROOM AT EN	MORTAR	ND	
15B	HM #15 - CERAMIC FLOOR TILE SYSTEM - 4" X 9" FAUX WOOD PATTERN WITH GROUT AND MORTAR730 STANYAN, INTERIOR SOUTHEASTERN WOMENS RESTROOM AT EN	CERAMIC TILE	ND	
15B	HM #15 - CERAMIC FLOOR TILE SYSTEM - 4" X 9" FAUX WOOD PATTERN WITH GROUT AND MORTAR730 STANYAN, INTERIOR SOUTHEASTERN WOMENS RESTROOM AT EN	GROUT	ND	
15B	HM #15 - CERAMIC FLOOR TILE SYSTEM - 4" X 9" FAUX WOOD PATTERN WITH GROUT AND MORTAR730 STANYAN, INTERIOR SOUTHEASTERN WOMENS RESTROOM AT EN	MORTAR	ND	
16A	HM #16 - WOOD PANELING ADHESIVE - YELLOW730 STANYAN, INTERIORMAIN DINING ROOM AREA AT CENTRAL WOOD PANELED SOFFITT	DRYWALL	ND	
16A	HM #16 - WOOD PANELING ADHESIVE - YELLOW730 STANYAN, INTERIORMAIN DINING ROOM AREA AT CENTRAL WOOD PANELED SOFFITT	ADHESIVE	ND	
16A	HM #16 - WOOD PANELING ADHESIVE - YELLOW730 STANYAN, INTERIORMAIN DINING ROOM AREA AT CENTRAL WOOD PANELED SOFFITT	WOOD UNDERLAYMENT	ND	
16B	HM #16 - WOOD PANELING ADHESIVE - YELLOW730 STANYAN, INTERIORMAIN WALK UP COUNTER AREA AT WESTERN SIDE CEILING	DRYWALL	ND	
16B	HM #16 - WOOD PANELING ADHESIVE - YELLOW730 STANYAN, INTERIORMAIN WALK UP COUNTER AREA AT WESTERN SIDE CEILING	ADHESIVE	ND	
16B	HM #16 - WOOD PANELING ADHESIVE - YELLOW730 STANYAN, INTERIORMAIN WALK UP COUNTER AREA AT WESTERN SIDE CEILING	WOOD UNDERLAYMENT	ND	
17A	HM #17 - WALK-IN REFRIGERATOR INSULATION - YELLOW FOAM730 STANYAN, INTERIOR WESTERN WALK-IN REFRIGERATOR AT NORTHERN WALL	FOAM	ND	
17B	HM #17 - WALK-IN REFRIGERATOR INSULATION - YELLOW FOAM730 STANYAN, INTERIOR WESTERN WALK-IN REFRIGERATOR AT WESTERN WALL	FOAM	ND	
18A	HM #18 - BRICK WALL SYSTEM BROWN BRICK WITH BROWN MORTAR730 STANYAN, EXTERIOR NORTHWESTERN CORNER OF BUILDING AT PLANTER BOX	BRICK	ND	
18A	HM #18 - BRICK WALL SYSTEM BROWN BRICK WITH BROWN MORTAR730 STANYAN, EXTERIOR NORTHWESTERN CORNER OF BUILDING AT PLANTER BOX	MORTAR	ND	
18B	HM #18 - BRICK WALL SYSTEM BROWN BRICK WITH BROWN MORTAR730 STANYAN, EXTERIOR SOUTHWESTERN CORNER OF BUILDING AT EXTERIOR WALL SYSTEM	BRICK	ND	
18B	HM #18 - BRICK WALL SYSTEM BROWN BRICK WITH BROWN MORTAR730 STANYAN, EXTERIOR SOUTHWESTERN CORNER OF BUILDING AT EXTERIOR WALL SYSTEM	MORTAR	ND	
18C	HM #18 - BRICK WALL SYSTEM BROWN BRICK WITH BROWN MORTAR730 STANYAN, EXTERIOR SOUTHEASTERN CORNER OF BUILDING AT EXTERIOR WALL SYSTEM	BRICK	ND	
18C	HM #18 - BRICK WALL SYSTEM BROWN BRICK WITH BROWN MORTAR730 STANYAN, EXTERIOR SOUTHEASTERN CORNER OF BUILDING AT EXTERIOR WALL SYSTEM	MORTAR	ND	

19A	HM #19 - CERAMIC FLOOR TILE SYSTEM 6" GREY WITH GROUT AND MORTAR 730 STANYAN, BASEMENT NORTHWESTERN BREAK ROOM AREA AT ENTRY WAY	CERAMIC TILE	ND	
19A	HM #19 - CERAMIC FLOOR TILE SYSTEM 6" GREY WITH GROUT AND MORTAR 730 STANYAN, BASEMENT NORTHWESTERN BREAK ROOM AREA AT ENTRY WAY	MORTAR	ND	
19A	HM #19 - CERAMIC FLOOR TILE SYSTEM 6" GREY WITH GROUT AND MORTAR 730 STANYAN, BASEMENT NORTHWESTERN BREAK ROOM AREA AT ENTRY WAY	CARPET	ND	
19B	HM #19 - CERAMIC FLOOR TILE SYSTEM 6" GREY WITH GROUT AND MORTAR 730 STANYAN, BASEMENT NORTHWESTERN BREAK ROOM AREA AT APPROXIMATE CENTER	CERAMIC TILE	ND	
19B	HM #19 - CERAMIC FLOOR TILE SYSTEM 6" GREY WITH GROUT AND MORTAR 730 STANYAN, BASEMENT NORTHWESTERN BREAK ROOM AREA AT APPROXIMATE CENTER	MORTAR	ND	
19B	HM #19 - CERAMIC FLOOR TILE SYSTEM 6" GREY WITH GROUT AND MORTAR 730 STANYAN, BASEMENT NORTHWESTERN BREAK ROOM AREA AT APPROXIMATE CENTER	CARPET	ND	
20A	HM #20 - FLOOR TILE - 12" PRESS-ON TYPE, RED730 STANYAN, BASEMENT CENTRAL STORAGE ROOM AREA AT WESTERN ENTRY WAY	FLOOR TILE (RED)	ND	
20B	HM #20 - FLOOR TILE - 12" PRESS-ON TYPE, RED730 STANYAN, BASEMENT CENTRAL STORAGE ROOM AREA AT NORTHEASTERN CORNER	FLOOR TILE (RED)	ND	
20C	HM #20 - FLOOR TILE - 12" PRESS-ON TYPE, RED730 STANYAN, BASEMENT CENTRAL STORAGE ROOM AREA AT SOUTHERN CORNER	FLOOR TILE (RED)	ND	
21A	HM #21 - COVE BASE ADHESIVE TAN ON 4" BLACK COVE730 STANYAN, BASEMENTNORTHWESTERN BREAK ROOM AREA AT WESTERN WALL	BASE COVE	ND	
21A	HM #21 - COVE BASE ADHESIVE TAN ON 4" BLACK COVE730 STANYAN, BASEMENTNORTHWESTERN BREAK ROOM AREA AT WESTERN WALL	ADHESIVE	ND	
21B	HM #21 - COVE BASE ADHESIVE TAN ON 4" BLACK COVE730 STANYAN, BASEMENTNORTHWESTERN BREAK ROOM AREA AT WESTERN WALL	CINDERBLOCK	ND	
21B	HM #21 - COVE BASE ADHESIVE TAN ON 4" BLACK COVE730 STANYAN, BASEMENTNORTHWESTERN BREAK ROOM AREA AT WESTERN WALL	MORTAR	ND	
22A	HM #22 - BASEMENT WALL SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, BASEMENTCENTRAL CORRIDOR AREA AT WESTERN BREAK ROOM WALL	DRYWALL	ND	
22A	HM #22 - BASEMENT WALL SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, BASEMENTCENTRAL CORRIDOR AREA AT WESTERN BREAK ROOM WALL	JOINT COMPOUND	ND	
22A	HM #22 - BASEMENT WALL SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, BASEMENTCENTRAL CORRIDOR AREA AT WESTERN BREAK ROOM WALL	TAPE / PAINT	ND	
22B	HM #22 - BASEMENT WALL SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, BASEMENTCENTRAL CORRIDOR AREA AT WESTERN BREAK ROOM WALL	DRYWALL	ND	
22B	HM #22 - BASEMENT WALL SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, BASEMENTCENTRAL CORRIDOR AREA AT WESTERN BREAK ROOM WALL	JOINT COMPOUND	ND	
22B	HM #22 - BASEMENT WALL SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, BASEMENTCENTRAL CORRIDOR AREA AT WESTERN BREAK ROOM WALL	TAPE / PAINT	ND	
23A	HM #23 - CINDERBLOCK WALL SYSTEM BROWN CMU WITH GREY MORTAR730 STANYAN, BASEMENTMAIN BASEMENT CORRIDOR AREA AT WESTERN PERIMETER WALL	CINDERBLOCK	ND	
23A	HM #23 - CINDERBLOCK WALL SYSTEM BROWN CMU WITH GREY MORTAR730 STANYAN, BASEMENTMAIN BASEMENT CORRIDOR AREA AT WESTERN PERIMETER WALL	MORTAR	ND	
23B	HM #23 - CINDERBLOCK WALL SYSTEM BROWN CMU WITH GREY MORTAR730 STANYAN, BASEMENTMAIN BASEMENT CORRIDOR AREA AT SOUTHERNH PERIMETER WALI	CINDERBLOCK	ND	
23B	HM #23 - CINDERBLOCK WALL SYSTEM BROWN CMU WITH GREY MORTAR730 STANYAN, BASEMENTMAIN BASEMENT CORRIDOR AREA AT SOUTHERNH PERIMETER WALI	MORTAR	ND	
24A	HM #24 - CINDERBLOCK PRESSURE GROUTING MATERIAL - GREY730 STANYAN, BASEMENTMAIN BASEMENT CORRIDOR AREA AT WESTERN PERIMETER WALL	GROUT	ND	
24B	HM #24 - CINDERBLOCK PRESSURE GROUTING MATERIAL - GREY730 STANYAN, BASEMENTMAIN BASEMENT CORRIDOR AREA AT WESTERN PERIMETER WALL	GROUT	ND	
25A	HM #25 - EXTERIOR EAVE SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, EXTERIORSOUTHERN SIDE OF BUILDING AT CENTRAL EAVE	DRYWALL	ND	
25A	HM #25 - EXTERIOR EAVE SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, EXTERIORSOUTHERN SIDE OF BUILDING AT CENTRAL EAVE	JOINT COMPOUND	2	CHRYSOTILE ASBESTOS
25A	HM #25 - EXTERIOR EAVE SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, EXTERIORSOUTHERN SIDE OF BUILDING AT CENTRAL EAVE	MESH / PAINT	ND	
25B	HM #25 - EXTERIOR EAVE SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, EXTERIORSOUTHERN SIDE OF BUILDING AT SOUTHEASTERN CORNER EAVE	DRYWALL	ND	
25B	HM #25 - EXTERIOR EAVE SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, EXTERIORSOUTHERN SIDE OF BUILDING AT SOUTHEASTERN CORNER EAVE	JOINT COMPOUND	2	CHRYSOTILE ASBESTOS
25B	HM #25 - EXTERIOR EAVE SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, EXTERIORSOUTHERN SIDE OF BUILDING AT SOUTHEASTERN CORNER EAVE	MESH / PAINT	ND	
25C	HM #25 - EXTERIOR EAVE SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, EXTERIORNORTHERN SIDE OF BUILDING AT NORTHEASTERN CORNER EAVE	DRYWALL	ND	
25C	HM #25 - EXTERIOR EAVE SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, EXTERIORNORTHERN SIDE OF BUILDING AT NORTHEASTERN CORNER EAVE	JOINT COMPOUND	2	CHRYSOTILE ASBESTOS
25C	HM #25 - EXTERIOR EAVE SYSTEM DRYWALL AND JOINT COMPOUND730 STANYAN, EXTERIORNORTHERN SIDE OF BUILDING AT NORTHEASTERN CORNER EAVE	MESH / PAINT	ND	
26A	HM #26 - EXTERIOR FRAMING SEALANT - BLACK730 STANYAN, EXTERIOR SOUTHERN SIDE OF BUILDINGAT SOUTHEASTERN DOORWAY	RED SEALANT	ND	
26B	HM #26 - EXTERIOR FRAMING SEALANT - BLACK730 STANYAN, EXTERIOR SOUTHERN SIDE OF BUILDINGAT SOUTHWESTERN DOORWAY	SEALANT (BLACK)	5	CHRYSOTILE ASBESTOS
26C	HM #26 - EXTERIOR FRAMING SEALANT - BLACK730 STANYAN, EXTERIOR SOUTHERN SIDE OF BUILDINGAT SOUTHWESTERN WINDOW BANK	SEALANT (BLACK)	5	CHRYSOTILE ASBESTOS
27A	HM #27 - BUILDING CONCRETE MATERIALS730 STANYAN, INTERIOR MAIN DINING ROOM AREAAT SOUTHWESTERN ENTRY WAY	CONCRETE	ND	
27B	HM #27 - BUILDING CONCRETE MATERIALS730 STANYAN, BASEMENTMAIN BASEMENT CORRIDOR AREAAT NORTHERN SLAB	CONCRETE	ND	
27C	HM #27 - BUILDING CONCRETE MATERIALS730 STANYAN, BASEMENTMAIN BASEMENT CORRIDOR AREAAT SOUTHERN SLAB	CONCRETE	ND	
28A	HM #28 - ROOFING CLAY TILE - RED730 STANYAN, ROOF LEVEL PERIMETER ROOF FIELD AT NORTHEASTERN CORNER	CLAY TILE	ND	
28B	HM #28 - ROOFING CLAY TILE - RED730 STANYAN, ROOF LEVEL PERIMETER ROOFING FIELD AT SOUTHEASTERN CORNER	CLAY TILE	ND	
29A	HM #29 - FELT ROOFING FIELD UNDER HM#28730 STANYAN, ROOF LEVELPERIMETER ROOFING FIELDAT NORTHEASTERN CORNER	TAR LAYERS	ND	
29A	HM #29 - FELT ROOFING FIELD UNDER HM#28730 STANYAN, ROOF LEVELPERIMETER ROOFING FIELDAT NORTHEASTERN CORNER	CELLULOSE FELTS	ND	
29B	HM #29 - FELT ROOFING FIELD UNDER HM#28730 STANYAN, ROOF LEVELPERIMETER ROOFING FIELDAT SOUTHEASTERN CORNER	TAR LAYERS	ND	
29B	HM #29 - FELT ROOFING FIELD UNDER HM#28730 STANYAN, ROOF LEVELPERIMETER ROOFING FIELDAT SOUTHEASTERN CORNER	CELLULOSE FELTS	ND	
30A	HM #30 - ROOF PARAPET SYSTEM ROLLED COMPOSITE SHINGLE730 STANYAN, ROOF LEVELNORTHEN PERIMETER PARAPETAT APPROXIMATE CENTER	TAR LAYERS	ND	
30A	HM #30 - ROOF PARAPET SYSTEM ROLLED COMPOSITE SHINGLE730 STANYAN, ROOF LEVELNORTHEN PERIMETER PARAPETAT APPROXIMATE CENTER	FIBERGLASS FELT	ND	
30A	HM #30 - ROOF PARAPET SYSTEM ROLLED COMPOSITE SHINGLE730 STANYAN, ROOF LEVELNORTHEN PERIMETER PARAPETAT APPROXIMATE CENTER	SILVER PAINT W/ RED PAINT	ND	
30B	HM #30 - ROOF PARAPET SYSTEMROLLED COMPOSITE SHINGLE 730 STANYAN, ROOF LVEL WESTERN PERIMETER PARAPETAT APPROXIMATE CENTER	TAR LAYERS	ND	
30B	HM #30 - ROOF PARAPET SYSTEMROLLED COMPOSITE SHINGLE 730 STANYAN, ROOF LVEL WESTERN PERIMETER PARAPETAT APPROXIMATE CENTER	FIBERGLASS FELT	ND	
30B	HM #30 - ROOF PARAPET SYSTEMROLLED COMPOSITE SHINGLE 730 STANYAN, ROOF LVEL WESTERN PERIMETER PARAPETAT APPROXIMATE CENTER	SILVER PAINT W/ RED PAINT	ND	
30C	HM #30 - ROOF PARAPET SYSTEMROLLED COMPOSITE SHINGLE730 STANYAN, ROOF LEVEL SOUTHERN PERIMETER PARAPETAT APPROXIMATE CENTER	TAR LAYERS	ND	
30C	HM #30 - ROOF PARAPET SYSTEMROLLED COMPOSITE SHINGLE730 STANYAN, ROOF LEVEL SOUTHERN PERIMETER PARAPETAT APPROXIMATE CENTER	FIBERGLASS FELT	ND	
30C	HM #30 - ROOF PARAPET SYSTEMROLLED COMPOSITE SHINGLE730 STANYAN, ROOF LEVEL SOUTHERN PERIMETER PARAPETAT APPROXIMATE CENTER	SILVER PAINT W/ RED PAINT	ND	
31A	HM #31 - ROOFING MASTICS - BLACK / GREY730 STANYAN, ROOF LEVEL MAIN ROOFING FIELD AT CENTRAL PENETRATION	BLACK MASTIC	3	CHRYSOTILE ASBESTOS
31B	HM #31 - ROOFING MASTICS - BLACK / GREY730 STANYAN, ROOF LVEL MAIN ROOFING FIELD AREA ATCENTRAL HVAC CURB SEAL	BLACK MASTIC	ND	
31C	HM #31 - ROOFING MATICS - BLACK / GREY730 STANYAN, ROOF LEVELMAIN ROOFING FIELD AREAAT CENTRAL PATCH	BLACK MASTIC	ND	
31D	HM #31 - ROOFING MASTICS - BLACK / GREY730 STANYAN, ROOF LEVELWESTERN PERIMETER PARAPETAT APPROXIMATE CENTER PATCH	BLACK MASTIC	ND	
32A	HM #32 - ROOF FLASHING/HVAC CURBING SYSTEMS ROLLED SHINGLING730 STANYAN, ROOF LEVELNORTHERN PERIMETER PARAPETAT NORTHWESTERN FLASHING	DULL TAR MASTIC	3	CHRYSOTILE ASBESTOS

32A	HM #32 - ROOF FLASHING/HVAC CURBING SYSTEMS ROLLED SHINGLING730 STANYAN, ROOF LEVELNORTHERN PERIMETER PARAPETAT NORTHWESTERN FLASHING	GLOSSY TAR LAYERS	ND	
32A	HM #32 - ROOF FLASHING/HVAC CURBING SYSTEMS ROLLED SHINGLING730 STANYAN, ROOF LEVELNORTHERN PERIMETER PARAPETAT NORTHWESTERN FLASHING	FIBERGLASS FELT	ND	
32B	HM #32 - ROOF FLASHING/HVAC CURBING SYSTEMS ROLLED SHINGLING730 STANYAN, ROOF LEVELMAIN ROOFING FIELD AREA AT WESTERN HVAC CURB	FIBERGLASS FELTS	ND	
32B	HM #32 - ROOF FLASHING/HVAC CURBING SYSTEMS ROLLED SHINGLING730 STANYAN, ROOF LEVELMAIN ROOFING FIELD AREA AT WESTERN HVAC CURB	GLOSSY TAR WITH GRAVEL	ND	
32B	HM #32 - ROOF FLASHING/HVAC CURBING SYSTEMS ROLLED SHINGLING730 STANYAN, ROOF LEVELMAIN ROOFING FIELD AREA AT WESTERN HVAC CURB	SILVER PAINT	ND	
32C	HM #32 - ROOF FLASHING/HVAC CURBING SYSTEMS ROLLED SHINGLING730 STANYAN, ROOF LEVELSOUTHERN PERIMETER PARAPETAT SOUTHEASTERN FLASHING	FIBERGLASS FELTS	ND	
32C	HM #32 - ROOF FLASHING/HVAC CURBING SYSTEMS ROLLED SHINGLING730 STANYAN, ROOF LEVELSOUTHERN PERIMETER PARAPETAT SOUTHEASTERN FLASHING	GLOSSY TAR WITH GRAVEL	ND	
32C	HM #32 - ROOF FLASHING/HVAC CURBING SYSTEMS ROLLED SHINGLING730 STANYAN, ROOF LEVELSOUTHERN PERIMETER PARAPETAT SOUTHEASTERN FLASHING	DULL TAR / MASTIC	ND	
33A	HM #33 - WALL COVERING MATERIAL - TAN730 STANYAN, INTERIORMAIN DINING ROOM AREAAT NORTHERN PERIMETER WALL	WALL COVERING MATERIAL - TAN	ND	
33B	HM #33- WALL COVERING MATERIAL - TAN730 STANYAN, INTERIORMAIN DINING ROOM AREA AT SOUTHEASTERN PERIMETER WALL	WALL COVERING MATERIAL - TAN	ND	
34A	HM #34 - DECORATIVE ROCK WALL MORTAR - GREY730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT WESTERN WALL	MORTAR	ND	
34B	HM #34 - DECORATIVE ROCK WALL MORTAR - GREY 730 STANYAN, INTERIORMAIN DINING ROOM AREAAT WESTERN WALL	MORTAR	ND	
35A	HM #35 - MAIN ROOFING FIELDTAR AND GRAVEL SYSTEM730 STANYAN, ROOF LEVEL MAIN ROOFING FIELD AREAAT WESTERN SIDE	CELLULOSE FELTS	ND	
35A	HM #35 - MAIN ROOFING FIELDTAR AND GRAVEL SYSTEM730 STANYAN, ROOF LEVEL MAIN ROOFING FIELD AREAAT WESTERN SIDE	FIBERGLASS FELTS	ND	
35A	HM #35 - MAIN ROOFING FIELDTAR AND GRAVEL SYSTEM730 STANYAN, ROOF LEVEL MAIN ROOFING FIELD AREAAT WESTERN SIDE	GLOSSY TAR W/ GRAVEL	ND	
35B	HM #35 - MAIN ROOFING FIELDTAR AND GRAVEL SYSTEM730 STANYAN, ROOF LEVELMAIN ROOFING FIELD AREA AT APPROXIMATE CENTER	CELLULOSE FELTS	ND	
35B	HM #35 - MAIN ROOFING FIELDTAR AND GRAVEL SYSTEM730 STANYAN, ROOF LEVELMAIN ROOFING FIELD AREA AT APPROXIMATE CENTER	FIBERGLASS FELTS	ND	
35B	HM #35 - MAIN ROOFING FIELDTAR AND GRAVEL SYSTEM730 STANYAN, ROOF LEVELMAIN ROOFING FIELD AREA AT APPROXIMATE CENTER	GLOSSY TAR W/ GRAVEL	ND	
35C	HM #35 - MAIN ROOFING FIELD TAR AND GRAVEL SYSTEM730 STANYAN, ROOF LEVELMAIN ROOFING FIELD AREA AT EASTERN SIDE	CELLULOSE FELTS	ND	
35C	HM #35 - MAIN ROOFING FIELD TAR AND GRAVEL SYSTEM730 STANYAN, ROOF LEVELMAIN ROOFING FIELD AREA AT EASTERN SIDE	FIBERGLASS FELTS	ND	
35C	HM #35 - MAIN ROOFING FIELD TAR AND GRAVEL SYSTEM730 STANYAN, ROOF LEVELMAIN ROOFING FIELD AREA AT EASTERN SIDE	GLOSSY TAR W/ GRAVEL	ND	
36A	HM #36- PERIMETER ROOFING FIELDCASCADING SHINGLE SYSTEMS730 STANYAN, ROOF LEVELWESTERN PERIMETER ROOFING FIELDAT APPROXIMATE CENTER	TAR WITH GRAVEL	ND	
36A	HM #36- PERIMETER ROOFING FIELDCASCADING SHINGLE SYSTEMS730 STANYAN, ROOF LEVELWESTERN PERIMETER ROOFING FIELDAT APPROXIMATE CENTER	FIBERGLASS FELT	ND	
36A	HM #36- PERIMETER ROOFING FIELDCASCADING SHINGLE SYSTEMS730 STANYAN, ROOF LEVELWESTERN PERIMETER ROOFING FIELDAT APPROXIMATE CENTER	CELLULOSE FELT	ND	
36B	HM #36- PERIMETER ROOFING FIELDCASCADING SHINGLE SYSTEMS730 STANYAN, ROOF LEVELNORTHERN PERIMETER ROOFING FIELDAT APPROXIMATE CENTER	TAR WITH GRAVEL	ND	
36B	HM #36- PERIMETER ROOFING FIELDCASCADING SHINGLE SYSTEMS730 STANYAN, ROOF LEVELNORTHERN PERIMETER ROOFING FIELDAT APPROXIMATE CENTER	FIBERGLASS FELT	ND	
36B	HM #36- PERIMETER ROOFING FIELDCASCADING SHINGLE SYSTEMS730 STANYAN, ROOF LEVELNORTHERN PERIMETER ROOFING FIELDAT APPROXIMATE CENTER	CELLULOSE FELT	ND	
36C	HM #36- PERIMETER ROOFING FIELDCASCADING SHINGLE SYSTEMS730 STANYAN, ROOF LEVELSOUTHERN PERIMETER ROOFING FIELDAT APPROXIMATE CENTER	TAR WITH GRAVEL	ND	
36C	HM #36- PERIMETER ROOFING FIELDCASCADING SHINGLE SYSTEMS730 STANYAN, ROOF LEVELSOUTHERN PERIMETER ROOFING FIELDAT APPROXIMATE CENTER	FIBERGLASS FELT	ND	
36C	HM #36- PERIMETER ROOFING FIELDCASCADING SHINGLE SYSTEMS730 STANYAN, ROOF LEVELSOUTHERN PERIMETER ROOFING FIELDAT APPROXIMATE CENTER	CELLULOSE FELT	ND	
37A	HM #37 - PLANTER BOX MOISTURE BARRIER - BLACK730 STANYAN, EXTERIORSOUTHERN SIDE OF BUILDINGAT CENTER PLANTER BOX	PLANTER BOX MOISTURE BARRIER - BLACK	25	CHRYSOTILE ASBESTOS
37B	HM #37 - PLANTER BOX MOISTURE BARRIER - BLACK730 STANYAN, EXTERIORSOUTHERN SIDE OF BUILDINGAT CENTER PLANTER BOX	PLANTER BOX MOISTURE BARRIER - BLACK	25	CHRYSOTILE ASBESTOS
37C	HM # 37 - PLANTER BOX MOISTURE BARRIER - BLACK730 STANYAN, EXTERIORSOUTHERN SIDE OF BUILDINGAT SOUTHWESTERN PLANTER BOX	PLANTER BOX MOISTURE BARRIER - BLACK	25	CHRYSOTILE ASBESTOS

APPENDIX B

ASBESTOS ANALYTICAL LABORATORY DATA

MICRO ANALYTICAL LABORATORIES, INC.

BULK ASBESTOS ANALYSIS - POLARIZED LIGHT MICROSCOPY (PLM)

1023
William Frieszell
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

PROJECT:
JOB NO. R1187355
730 STANYAN STREET
FORMER MCDONALD'S RESTAURANT
LIMITED PRE-DEMOLITION SURVEY
SAN FRANCISCO, CA

Micro Log In	**244376**
Total Samples	95
Date Sampled	05/02/2018
Date Received	05/03/2018
Date Analyzed	05/03/2018

SAMPLE IDENTIFICATION	QUANTITY (AREA %) / TYPES / LAYERS ASBESTOS INFORMATION ND = NO ASBESTOS DETECTED	DOMINANT OTHER MATERIALS
Client #: 1A Micro #: 244376-01 Analyst: EK GR **HM #1 - BRICK WALL SURFACING COMPOUND WHITE, 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT NORTHERN PERIMETER WALL**	**SURFACING COMPOUND: ND** **WALL COVERING: ND**	10 % CELLULOSE 10 % SYNTHETIC FIBERS NFM: SYNTHETIC MATERIAL, CARBONATE, ADHESIVE.
Client #: 1B Micro #: 244376-02 Analyst: EK **HM #1 - BRICK WALL SURFACING COMPOUND WHITE, 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT WESTERN PERIMETER WALL**	**SURFACING COMPOUND: ND** **WALL COVERING: ND**	10 % CELLULOSE 10 % SYNTHETIC FIBERS NFM: SYNTHETIC MATERIAL, CARBONATE, ADHESIVE.
Client #: 1C Micro #: 244376-03 Analyst: EK **HM #1 - BRICK WALL SURFACING COMPOUND WHITE, 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT SOUTHERN PERIMETER WALL**	**SURFACING COMPOUND: ND** **WALL COVERING: ND**	10 % CELLULOSE 10 % SYNTHETIC FIBERS NFM: SYNTHETIC MATERIAL, CARBONATE, ADHESIVE.
Client #: 2A Micro #: 244376-04 Analyst: EK **HM #2 - FAUX STONE CERAMIC TILE SYSTEM 12" TAN TILE WITH GROUT AND MORTAR 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT NORTHWESTERN WINDOW BOX**	**CERAMIC TILE: ND** **GROUT: ND** **MORTAR: ND** **WHITE COMPOUND: ND**	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 2B Micro #: 244376-05 Analyst: EK **HM #2 - FAUX STONE CERAMIC TILE SYSTEM 12" TAN TILE WITH GROUT AND MORTAR 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT SOUTHERN WINDOW BOX**	**CERAMIC TILE: ND** **GROUT: ND** **MORTAR: ND** **WHITE COMPOUND: ND**	NFM: ROCK FRAGMENTS, CARBONATE, BINDER

Technical Supervisor: Gamini Ranatunga, Ph.D. 5/4/2018 Date Reported

NVLAP Lab Code 101872-0. CA ELAP Certification #1037. Analyses use Polarized Light Microscopy (PLM), Micro Analytical SOP PLM-101. Basic techniques follow the EPA Interim Method for Bulk Insulation Samples (1982), and EPA-600/R93-116 (1993). The 1993 method covers all types of bulk materials and is based on the 1982 Method, with improved analytical techniques for layered samples as required for NESHAP compliance. Asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (much less than 1%) may not be reliable or reproducible by PLM. Weight % cannot be determined by PLM. Asbestos with diameter below ~1 µm may not be detected by PLM. Absence of asbestos in dust, debris, and some compact materials, including floor tiles, cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM).Interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties.Tremolite-asbestos or actinolite- asbestos may be indistinguishable by PLM from some similar, non-regulated amphiboles (e.g. the "Libby Amphiboles" richterite and winchite), and should be confirmed by TEM. The lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos; however, reliable determination of asbestos percent at this level cannot be done by PLM estimation; PLM Point Counting or TEM weight percent analysis are recommended. Only dominant non-asbestos materials (fibrous and non-fibrous) are listed. This analysis shall not be construed as conclusive for the presence of any reported materials other than asbestos, or for the absence of any non-asbestos material. Common interferences include, but are not limited to: cellulose, fibrous glass, other man-made vitreous fibers, synthetic fibers, elongate fragments of calcium sulfate, talc, wollastonite, animal hair, and other miscellaneous elongate particles. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. If more than one distinct sample is received in the same container, samples shall be marked with letters and analyzed separately. Layers within a sample are analyzed separately when feasible; if asbestos is detected, percentages are reported for individual layers. Interlayer contamination is possible among any layers in a sample. The notation ND (or "NONE DETECTED") indicates a result of "NO ASBESTOS DETECTED" in a homogeneous sample, or in a layer of a heterogeneous sample. Composite asbestos percentages from multiple layers are applicable only to wallboard / joint compound systems; compositing is based on customers' descriptions of material as "joint compound". Customers are solely responsible for identification and description of bulk materials listed on field forms. Laboratory descriptions may differ from those given by customers. Quality Control (QC): all results have been determined to be within acceptance limits prior to reporting. Reanalyzed samples are denoted by two sets of analyst initials. Unless otherwise stated herein, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. NFM = Non-fibrous materials.

MICRO ANALYTICAL LABORATORIES, INC.

BULK ASBESTOS ANALYSIS - POLARIZED LIGHT MICROSCOPY (PLM)

1023
William Frieszell
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

PROJECT:
JOB NO. R1187355
730 STANYAN STREET
FORMER MCDONALD'S RESTAURANT
LIMITED PRE-DEMOLITION SURVEY
SAN FRANCISCO, CA

Micro Log In **244376**
Total Samples 95
Date Sampled 05/02/2018
Date Received 05/03/2018
Date Analyzed 05/03/2018

SAMPLE IDENTIFICATION	QUANTITY (AREA %) / TYPES / LAYERS ASBESTOS INFORMATION ND = NO ASBESTOS DETECTED	DOMINANT OTHER MATERIALS
Client #: 3A Micro #: 244376-06 Analyst: EK HM #3 - CEILING TILE - 2' X 2' WHITE LAY-IN SYSTEM, PINHOLE/FISSURE PATTERN 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT NORTHERN SIDE	CEILING TILE: ND PAINT: ND	50 % CELLULOSE NFM: CARBONATE GLASS FRAGMENTS
Client #: 3B Micro #: 244376-07 Analyst: EK HM #3 - CEILING TILE - 2' X 2' WHITE LAY-IN SYSTEM, PINHOLE/FISSURE PATTERN 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT SOUTHERN SIDE	CEILING TILE: ND PAINT: ND	50 % CELLULOSE NFM: CARBONATE GLASS FRAGMENTS
Client #: 3C Micro #: 244376-08 Analyst: EK HM #3 - CEILING TILE - 2' X 2' WHITE LAY-IN SYSTEM, PINHOLE/FISSURE PATTERN 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT WESTERN SIDE	CEILING TILE: ND PAINT: ND	50 % CELLULOSE NFM: CARBONATE GLASS FRAGMENTS
Client #: 4A Micro #: 244376-09 Analyst: EK HM #4 - WAINSCOT ADHESIVE TAN ON FIBERBOARD DINING ROOM SYSTEM 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT NORTHERN PERIMETER WALL	ADHESIVE: ND FIBERBOARD: ND	30 % CELLULOSE NFM: SYNTHETIC MATERIAL
Client #: 4B Micro #: 244376-10 Analyst: EK HM #4 - WAINSCOT ADHESIVE TAN ON FIBERBOARD DINING ROOM SYSTEM 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT SOUTHEASTERN PERIMETER WALL	ADHESIVE: ND FIBERBOARD: ND	30 % CELLULOSE NFM: SYNTHETIC MATERIAL BINDER

Technical Supervisor: Gamini Ranatunga, Ph.D. 5/4/2018 Date Reported

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MICRO ANALYTICAL LABORATORIES, INC.

BULK ASBESTOS ANALYSIS - POLARIZED LIGHT MICROSCOPY (PLM)

1023
William Frieszell
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

PROJECT:
JOB NO. R1187355
730 STANYAN STREET
FORMER MCDONALD'S RESTAURANT
LIMITED PRE-DEMOLITION SURVEY
SAN FRANCISCO, CA

Micro Log In	**244376**
Total Samples	95
Date Sampled	05/02/2018
Date Received	05/03/2018
Date Analyzed	05/03/2018

SAMPLE IDENTIFICATION	QUANTITY (AREA %) / TYPES / LAYERS ASBESTOS INFORMATION ND = NO ASBESTOS DETECTED	DOMINANT OTHER MATERIALS
Client #: 4C Micro #: 244376-11 Analyst: EK HM #4 - WAINSCOT ADHESIVE TAN ON FIBERBOARD DINING ROOM SYSTEM 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT SOUTHEASTERN PERIMETER WALL	ADHESIVE: ND FIBERBOARD: ND	30 % CELLULOSE NFM: SYNTHETIC MATERIAL BINDER
Client #: 5A Micro #: 244376-12 Analyst: EK HM #5 - FAUX BRICK FLOOR - 4' X 9' RED CERAMIC TILE WITH GROUT AND MORTAR 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT NORTHERN SIDE OF BUILDING	CERAMIC TILE: ND GROUT: ND MORTAR: ND	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 5B Micro #: 244376-13 Analyst: EK HM #5 - FAUX BRICK FLOOR - 4' X 9' RED CERAMIC TILE WITH GROUT AND MORTAR 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT SOUTHERN SIDE OF BUILDING	CERAMIC TILE: ND GROUT: ND MORTAR: ND	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 5C Micro #: 244376-14 Analyst: EK HM #5 - FAUX BRICK FLOOR - 4' X 9' RED CERAMIC TILE WITH GROUT AND MORTAR 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT SOUTHEASTERN OF BUILDING	CERAMIC TILE: ND GROUT: ND MORTAR: ND	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 6A Micro #: 244376-15 Analyst: EK HM #6 - CERAMIC TILE COVE SYSTEM - 5" RED TILE WITH 730 STANYAN, INTERIOR FOOD COUNTER AREA AT NORTHERN SIDE PERIMETER WALL	CERAMIC TILE: ND GROUT: ND MORTAR: ND	NFM: ROCK FRAGMENTS, CARBONATE, BINDER

Technical Supervisor: Gamini Ranatunga, Ph.D. 5/4/2018 Date Reported

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BULK ASBESTOS ANALYSIS - POLARIZED LIGHT MICROSCOPY (PLM)

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Emeryville, CA 94608

PROJECT:
JOB NO. R1187355
730 STANYAN STREET
FORMER MCDONALD'S RESTAURANT
LIMITED PRE-DEMOLITION SURVEY
SAN FRANCISCO, CA

Micro Log In **244376**
Total Samples 95
Date Sampled 05/02/2018
Date Received 05/03/2018
Date Analyzed 05/03/2018

SAMPLE IDENTIFICATION	QUANTITY (AREA %) / TYPES / LAYERS ASBESTOS INFORMATION ND = NO ASBESTOS DETECTED	DOMINANT OTHER MATERIALS
Client #: 6B Micro #: 244376-16 Analyst: EK GR HM #6 - CERAMIC TILE COVE SYSTEM - 5" RED TILE WITH 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT SOUTHWESTERN DEMISING WALL	CERAMIC TILE: ND GROUT: ND MORTAR: ND ADHESIVE: ND	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 7A Micro #: 244376-17 Analyst: EK HM #7 - WAINSCOT ADHESIVE BROWN ON FULL HEIGHT WHITE FRP 730 STANYAN, INTERIOR MAIN FOOD PREPARTION AREA AT NORTHERN PERIMETER WALL	ADHESIVE: ND WRAP: ND	20 % CELLULOSE 20 % FIBROUS GLASS NFM: SYNTHETIC MATERIAL, CARBONATE.
Client #: 7B Micro #: 244376-18 Analyst: EK HM #7 - WAINSCOT ADHESIVE BROWN ON FULL HEIGHT WHITE FRP 730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT SOUTHERN PARTITION WALL	ADHESIVE: ND WRAP: ND	20 % CELLULOSE 20 % FIBROUS GLASS NFM: SYNTHETIC MATERIAL, CARBONATE.
Client #: 7C Micro #: 244376-19 Analyst: EK HM #7 - WAINSCOT ADHESIVE BROWN ON FULL HEIGHT WHITE FRP 730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT CENTRAL SOFFITT	ADHESIVE: ND WRAP: ND	20 % CELLULOSE 20 % FIBROUS GLASS NFM: SYNTHETIC MATERIAL, CARBONATE.
Client #: 8A Micro #: 244376-20 Analyst: EK GR HM #8 - CERAMIC WALL TILE SYSTEM 4" WHITE TILE WITH GROUT AND MASTIC 730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT SOUTHERN PARTITION WALL	CERAMIC TILE: ND GROUT: ND ADHESIVE: ND PAPER BACKING: ND	10 % CELLULOSE NFM: SYNTHETIC MATERIAL CLAY

Technical Supervisor: _____ 5/4/2018
Gamini Ranatunga, Ph.D. Date Reported

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BULK ASBESTOS ANALYSIS - POLARIZED LIGHT MICROSCOPY (PLM)

1023
William Frieszell
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1466 66th Street
Emeryville, CA 94608

PROJECT:
JOB NO. R1187355
730 STANYAN STREET
FORMER MCDONALD'S RESTAURANT
LIMITED PRE-DEMOLITION SURVEY
SAN FRANCISCO, CA

Micro Log In **244376**
Total Samples 95
Date Sampled 05/02/2018
Date Received 05/03/2018
Date Analyzed 05/03/2018

SAMPLE IDENTIFICATION	QUANTITY (AREA %) / TYPES / LAYERS ASBESTOS INFORMATION ND = NO ASBESTOS DETECTED	DOMINANT OTHER MATERIALS
Client #: 8B Micro #: 244376-21 Analyst: EK **HM #8 - CERAMIC WALL TILE SYSTEM** **4" WHITE TILE WITH GROUT AND MASTIC** **730 STANYAN, INTERIOR** **MAIN FOOD PREPARATION AREA** **AT NORTHERN PARTITION WALL**	**CERAMIC TILE: ND** **GROUT: ND** **MORTAR: ND**	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 8C Micro #: 244376-22 Analyst: EK **HM #8 - CERAMIC WALL TILE SYSTEM** **4" WHITE TILE WITH GROUT AND MASTIC** **730 STANYAN, INTERIOR** **MAIN FOOD PREPARATION AREA** **AT EASTERN PARTITION WALL**	**CERAMIC TILE: ND** **ADHESIVE: ND** **DRYWALL / PAPER BACKING: ND**	20 % CELLULOSE NFM: 'GYPSUM' (CALCIUM SULFATE), CARBONATE.
Client #: 9A Micro #: 244376-23 Analyst: EK **HM #9 - CERAMIC FLOOR TILE SYSTEM** **9" RED WITH GROUT AND MORTAR** **730 STANYAN, INTERIOR** **MAIN FOOD PREPARATION AREA** **AT SOUTHWESTERN SIDE**	**CERAMIC TILE: ND** **GROUT: ND** **MORTAR: ND**	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 9B Micro #: 244376-24 Analyst: EK **HM #9 - CERAMIC FLOOR TILE SYSTEM** **9" RED WITH GROUT AND MORTAR** **730 STANYAN, INTERIOR** **MAIN FOOD PREPARATION AREA** **AT EASTERN SIDE**	**CERAMIC TILE: ND** **GROUT: ND** **MORTAR: ND**	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 10A Micro #: 244376-25 Analyst: EK **HM #10 - CERAMIC WALL TILE SYSTEM** **24" TAN TILE WITH GROUT AND MORTAR** **730 STANYAN, INTERIOR** **SOUTHEASTERN WOMEN'S RESTROOM** **AT NORTHERN PARTITION**	**CERAMIC TILE: ND** **GROUT: ND** **MORTAR: ND**	NFM: ROCK FRAGMENTS, CARBONATE, BINDER

Technical Supervisor: _____ 5/4/2018
Gamini Ranatunga, Ph.D. Date Reported

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BULK ASBESTOS ANALYSIS - POLARIZED LIGHT MICROSCOPY (PLM)

1023
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Emeryville, CA 94608

PROJECT:
JOB NO. R1187355
730 STANYAN STREET
FORMER MCDONALD'S RESTAURANT
LIMITED PRE-DEMOLITION SURVEY
SAN FRANCISCO, CA

Micro Log In	**244376**
Total Samples	95
Date Sampled	05/02/2018
Date Received	05/03/2018
Date Analyzed	05/03/2018

SAMPLE IDENTIFICATION	QUANTITY (AREA %) / TYPES / LAYERS ASBESTOS INFORMATION ND = NO ASBESTOS DETECTED	DOMINANT OTHER MATERIALS
Client #: 10B Micro #: 244376-26 Analyst: EK **HM #10 - CERAMIC WALL TILE SYSTEM 24" TAN TILE WITH GROUT AND MORTAR 730 STANYAN, INTERIOR SOUTHEASTERN WOMEN'S RESTROOM AT WESTERN WALL**	**CERAMIC TILE: ND** **GROUT: ND** **MORTAR: ND**	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 11A Micro #: 244376-27 Analyst: EK **HM #11 - WALL SYSTEM - GREEN BOARD AND JOINT COMPOUND 730 STANYAN, INTERIOR MAIN DINING ROOM AREA, SOUTHERN PERIMETER WALL AT WESTERN SIDE**	**DRYWALL: ND** **JOINT COMPOUND: ND** **ADHESIVE / TAPE: ND**	20 % CELLULOSE NFM:
Client #: 11B Micro #: 244376-28 Analyst: EK **HM #11 - WALL SYSTEM - GREEN BOARD AND JOINT COMPOUND 730 STANYAN, INTERIOR MAIN DINING ROOM AREA, SOUTHERN PERIMETER WALL AT CENTER SIDE**	**DRYWALL: ND** **JOINT COMPOUND: ND** **ADHESIVE / TAPE: ND**	20 % CELLULOSE NFM:
Client #: 11C Micro #: 244376-29 Analyst: EK **HM #11 - WALL SYSTEM - GREEN BOARD AND JOINT COMPOUND 730 STANYAN, INTERIOR MAIN DINING ROOM AREA, SOUTHERN PERIMETER WALL AT EASTERN SIDE**	**DRYWALL: ND** **JOINT COMPOUND: ND** **ADHESIVE / TAPE: ND**	20 % CELLULOSE NFM:
Client #: 12A Micro #: 244376-30 Analyst: EK **HM #12 - CEILING TILE - 4' X 4' GLUED SYSTEM KITCHEN SLIP FREE TYPE 730 STANYAN, INTERIOR CENTRAL OFFICE AREA AT NORTHWESTERN CORNER**	**CEILING TILE: ND** **MASTIC (BROWN): ND** **DRYWALL: ND**	20 % CELLULOSE NFM: 'GYPSUM' (CALCIUM SULFATE), CARBONATE.

Technical Supervisor: _____ 5/4/2018
Gamini Ranatunga, Ph.D. Date Reported

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SAN FRANCISCO, CA

Micro Log In **244376**
Total Samples 95
Date Sampled 05/02/2018
Date Received 05/03/2018
Date Analyzed 05/03/2018

SAMPLE IDENTIFICATION	QUANTITY (AREA %) / TYPES / LAYERS ASBESTOS INFORMATION ND = NO ASBESTOS DETECTED	DOMINANT OTHER MATERIALS
Client #: 12B Micro #: 244376-31 Analyst: EK HM #12 - CEILING TILE - 4' X 4' GLUED SYSTEM KITCHEN SLIP FREE TYPE 730 STANYAN, INTERIOR CENTRAL OFFICE AREA AT NORTHEASTERN CORNER	CEILING TILE: ND MASTIC (BROWN): ND DRYWALL: ND	20 % CELLULOSE NFM: 'GYPSUM' (CALCIUM SULFATE), CARBONATE.
Client #: 12C Micro #: 244376-32 Analyst: EK HM #12 - CEILING TILE - 4' X 4' GLUED SYSTEM KITCHEN SLIP FREE TYPE 730 STANYAN, INTERIOR CENTRAL OFFICE AREA AT SOUTHWESTERN CORNER	CEILING TILE: ND MASTIC (BROWN): ND DRYWALL: ND	20 % CELLULOSE NFM: 'GYPSUM' (CALCIUM SULFATE), CARBONATE.
Client #: 13A Micro #: 244376-33 Analyst: EK GR HM #13 - WALL SYSTEM DRYWALL AND JOINT COMPOUND 730 STANYAN, INTERIOR CENTRAL OFFICE AREA AT NORTHEASTERN CORNER	DRYWALL: ND JOINT COMPOUND: ND MESH / PAINT: ND	20 % CELLULOSE 10 % FIBROUS GLASS NFM: "GYPSUM' (CALCIUM SULFATE) SYNTHETIC MATERIAL ROCK FRAGMENTS
Client #: 13B Micro #: 244376-34 Analyst: EK GR HM #13 - WALL SYSTEM DRYWALL AND JOINT COMPOUND 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT CENTRAL FOOD PREP PARTITION WALL	COMPOSITE DW & JC: <1% CHRYSOTILE ASBESTOS DRYWALL: ND JOINT COMPOUND: 2% CHRYSOTILE ASBESTOS MESH / PAINT: ND	20 % CELLULOSE 10 % FIBROUS GLASS NFM: "GYPSUM' (CALCIUM SULFATE) SYNTHETIC MATERIAL ROCK FRAGMENTS
Client #: 13C Micro #: 244376-35 Analyst: EK HM #13 - WALL SYSTEM DRYWALL AND JOINT COMPOUND 730 STANYAN, INTERIOR CENTRAL OFFICE AREA AT SOUTHWESTERN CORNER	COMPOSITE DW & JC: <1% CHRYSOTILE ASBESTOS DRYWALL: ND JOINT COMPOUND: 2% CHRYSOTILE ASBESTOS MESH / PAINT: ND	20 % CELLULOSE 10 % FIBROUS GLASS NFM: "GYPSUM' (CALCIUM SULFATE) SYNTHETIC MATERIAL ROCK FRAGMENTS

Technical Supervisor: Gamini Ranatunga, Ph.D. 5/4/2018 Date Reported

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MICRO ANALYTICAL LABORATORIES, INC.

BULK ASBESTOS ANALYSIS - POLARIZED LIGHT MICROSCOPY (PLM)

1023
William Frieszell
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

PROJECT:
JOB NO. R1187355
730 STANYAN STREET
FORMER MCDONALD'S RESTAURANT
LIMITED PRE-DEMOLITION SURVEY
SAN FRANCISCO, CA

Micro Log In	**244376**
Total Samples	95
Date Sampled	05/02/2018
Date Received	05/03/2018
Date Analyzed	05/03/2018

SAMPLE IDENTIFICATION	QUANTITY (AREA %) / TYPES / LAYERS ASBESTOS INFORMATION ND = NO ASBESTOS DETECTED	DOMINANT OTHER MATERIALS
Client #: 14A Micro #: 244376-36 Analyst: EK HM #14 - FLOOR TILE - 12" PRESS-ON STYLE FAUX MOSAIC PATTERN 730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT NORTHERN PANTRY CLOSET	FLOOR TILE: ND MASTIC: ND WOOD UNDERLAYMENT: ND	20 % CELLULOSE NFM: SYNTHETIC MATERIAL, CARBONATE, ADHESIVE.
Client #: 14B Micro #: 244376-37 Analyst: EK HM #14 - FLOOR TILE - 12" PRESS-ON STYLE FAUX MOSAIC PATTERN 730 STANYAN, INTERIOR MAIN FOOD PREPARATION AREA AT NORTHERN PANTRY CLOSET	FLOOR TILE: ND MASTIC: ND WOOD UNDERLAYMENT: ND	20 % CELLULOSE NFM: SYNTHETIC MATERIAL, CARBONATE, ADHESIVE.
Client #: 15A Micro #: 244376-38 Analyst: EK HM #15 - CERAMIC FLOOR TILE SYSTEM - 4" X 9" FAUX WOOD PATTERN WITH GROUT AND MORTAR 730 STANYAN, INTERIOR SOUTHEASTERN WOMENS RESTROOM AT ENTRY WAY	CERAMIC TILE: ND GROUT: ND MORTAR: ND	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 15B Micro #: 244376-39 Analyst: EK HM #15 - CERAMIC FLOOR TILE SYSTEM - 4" X 9" FAUX WOOD PATTERN WITH GROUT AND MORTAR 730 STANYAN, INTERIOR SOUTHEASTERN WOMENS RESTROOM AT ENTRY WAY	CERAMIC TILE: ND GROUT: ND MORTAR: ND	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 16A Micro #: 244376-40 Analyst: EK HM #16 - WOOD PANELING ADHESIVE - YELLOW 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT CENTRAL WOOD PANELED SOFFITT	DRYWALL: ND ADHESIVE: ND WOOD UNDERLAYMENT: ND	40 % CELLULOSE NFM: SYNTHETIC MATERIAL

Technical Supervisor: _____ 5/4/2018
Gamini Ranatunga, Ph.D. Date Reported

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BULK ASBESTOS ANALYSIS - POLARIZED LIGHT MICROSCOPY (PLM)

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1466 66th Street
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PROJECT:
JOB NO. R1187355
730 STANYAN STREET
FORMER MCDONALD'S RESTAURANT
LIMITED PRE-DEMOLITION SURVEY
SAN FRANCISCO, CA

Micro Log In **244376**
Total Samples 95
Date Sampled 05/02/2018
Date Received 05/03/2018
Date Analyzed 05/03/2018

SAMPLE IDENTIFICATION	QUANTITY (AREA %) / TYPES / LAYERS ASBESTOS INFORMATION ND = NO ASBESTOS DETECTED	DOMINANT OTHER MATERIALS
Client #: 16B Micro #: 244376-41 Analyst: EK HM #16 - WOOD PANELING ADHESIVE - YELLOW 730 STANYAN, INTERIOR MAIN WALK UP COUNTER AREA AT WESTERN SIDE CEILING	DRYWALL: ND ADHESIVE: ND WOOD UNDERLAYMENT: ND	20 % CELLULOSE NFM: 'GYPSUM' (CALCIUM SULFATE), CARBONATE.
Client #: 17A Micro #: 244376-42 Analyst: EK HM #17 - WALK-IN REFRIGERATOR INSULATION - YELLOW FOAM 730 STANYAN, INTERIOR WESTERN WALK-IN REFRIGERATOR AT NORTHERN WALL	FOAM: ND	NFM: SYNTHETIC MATERIAL
Client #: 17B Micro #: 244376-43 Analyst: EK HM #17 - WALK-IN REFRIGERATOR INSULATION - YELLOW FOAM 730 STANYAN, INTERIOR WESTERN WALK-IN REFRIGERATOR AT WESTERN WALL	FOAM: ND	NFM: SYNTHETIC MATERIAL
Client #: 18A Micro #: 244376-44 Analyst: EK HM #18 - BRICK WALL SYSTEM BROWN BRICK WITH BROWN MORTAR 730 STANYAN, EXTERIOR NORTHWESTERN CORNER OF BUILDING AT PLANTER BOX	BRICK: ND MORTAR: ND	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 18B Micro #: 244376-45 Analyst: EK HM #18 - BRICK WALL SYSTEM BROWN BRICK WITH BROWN MORTAR 730 STANYAN, EXTERIOR SOUTHWESTERN CORNER OF BUILDING AT EXTERIOR WALL SYSTEM	BRICK: ND MORTAR: ND	NFM: ROCK FRAGMENTS, CARBONATE, BINDER

Technical Supervisor: Gamini Ranatunga, Ph.D. 5/4/2018 Date Reported

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BULK ASBESTOS ANALYSIS - POLARIZED LIGHT MICROSCOPY (PLM)

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PROJECT:
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730 STANYAN STREET
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LIMITED PRE-DEMOLITION SURVEY
SAN FRANCISCO, CA

Micro Log In **244376**
Total Samples 95
Date Sampled 05/02/2018
Date Received 05/03/2018
Date Analyzed 05/03/2018

SAMPLE IDENTIFICATION	QUANTITY (AREA %) / TYPES / LAYERS ASBESTOS INFORMATION ND = NO ASBESTOS DETECTED	DOMINANT OTHER MATERIALS
Client #: 18C Micro #: 244376-46 Analyst: EK HM #18 - BRICK WALL SYSTEM BROWN BRICK WITH BROWN MORTAR 730 STANYAN, EXTERIOR SOUTHEASTERN CORNER OF BUILDING AT EXTERIOR WALL SYSTEM	BRICK: ND MORTAR: ND	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 19A Micro #: 244376-47 Analyst: EK HM #19 - CERAMIC FLOOR TILE SYSTEM 6" GREY WITH GROUT AND MORTAR 730 STANYAN, BASEMENT NORTHWESTERN BREAK ROOM AREA AT ENTRY WAY	CERAMIC TILE: ND MORTAR: ND CARPET: ND	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 19B Micro #: 244376-48 Analyst: EK HM #19 - CERAMIC FLOOR TILE SYSTEM 6" GREY WITH GROUT AND MORTAR 730 STANYAN, BASEMENT NORTHWESTERN BREAK ROOM AREA AT APPROXIMATE CENTER	CERAMIC TILE: ND MORTAR: ND CARPET: ND	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 20A Micro #: 244376-49 Analyst: EK GR HM #20 - FLOOR TILE - 12" PRESS-ON TYPE, RED 730 STANYAN, BASEMENT CENTRAL STORAGE ROOM AREA AT WESTERN ENTRY WAY	FLOOR TILE (RED): ND	NFM: CARBONATE SYNTHETIC MATERIAL OPAQUES
Client #: 20B Micro #: 244376-50 Analyst: EK HM #20 - FLOOR TILE - 12" PRESS-ON TYPE, RED 730 STANYAN, BASEMENT CENTRAL STORAGE ROOM AREA AT NORTHEASTERN CORNER	FLOOR TILE (RED): ND	NFM: CARBONATE SYNTHETIC MATERIAL OPAQUES

Technical Supervisor: Gamini Ranatunga, Ph.D. 5/4/2018 Date Reported

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PROJECT:
JOB NO. R1187355
730 STANYAN STREET
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SAN FRANCISCO, CA

Micro Log In **244376**
Total Samples 95
Date Sampled 05/02/2018
Date Received 05/03/2018
Date Analyzed 05/03/2018

SAMPLE IDENTIFICATION	QUANTITY (AREA %) / TYPES / LAYERS ASBESTOS INFORMATION ND = NO ASBESTOS DETECTED	DOMINANT OTHER MATERIALS
Client #: 20C Micro #: 244376-51 Analyst: EK **HM #20 - FLOOR TILE - 12" PRESS-ON TYPE, RED** **730 STANYAN, BASEMENT** **CENTRAL STORAGE ROOM** **AREA AT SOUTHERN CORNER**	**FLOOR TILE (RED): ND**	NFM: CARBONATE SYNTHETIC MATERIAL OPAQUES
Client #: 21A Micro #: 244376-52 Analyst: EK **HM #21 - COVE BASE ADHESIVE** **TAN ON 4" BLACK COVE** **730 STANYAN, BASEMENT** **NORTHWESTERN BREAK ROOM** **AREA AT WESTERN WALL**	**BASE COVE: ND** **ADHESIVE: ND**	5 % CELLULOSE NFM: SYNTHETIC MATERIAL
Client #: 21B Micro #: 244376-53 Analyst: EK **HM #21 - COVE BASE ADHESIVE** **TAN ON 4" BLACK COVE** **730 STANYAN, BASEMENT** **NORTHWESTERN BREAK ROOM** **AREA AT WESTERN WALL**	**CINDERBLOCK: ND** **MORTAR: ND**	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 22A Micro #: 244376-54 Analyst: EK **HM #22 - BASEMENT WALL SYSTEM** **DRYWALL AND JOINT COMPOUND** **730 STANYAN, BASEMENT** **CENTRAL CORRIDOR AREA AT** **WESTERN BREAK ROOM WALL**	**DRYWALL: ND** **JOINT COMPOUND: ND** **TAPE / PAINT: ND**	NFM: 'GYPSUM' (CALCIUM SULFATE), CARBONATE.
Client #: 22B Micro #: 244376-55 Analyst: EK **HM #22 - BASEMENT WALL SYSTEM** **DRYWALL AND JOINT COMPOUND** **730 STANYAN, BASEMENT** **CENTRAL CORRIDOR AREA AT** **WESTERN BREAK ROOM WALL**	**DRYWALL: ND** **JOINT COMPOUND: ND** **TAPE / PAINT: ND**	NFM: 'GYPSUM' (CALCIUM SULFATE), CARBONATE.

Technical Supervisor: Gamini Ranatunga, Ph.D. 5/4/2018 Date Reported

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SAN FRANCISCO, CA

Micro Log In **244376**
Total Samples 95
Date Sampled 05/02/2018
Date Received 05/03/2018
Date Analyzed 05/03/2018

SAMPLE IDENTIFICATION	QUANTITY (AREA %) / TYPES / LAYERS ASBESTOS INFORMATION ND = NO ASBESTOS DETECTED	DOMINANT OTHER MATERIALS
Client #: 23A Micro #: 244376-56 Analyst: EK HM #23 - CINDERBLOCK WALL SYSTEM BROWN CMU WITH GREY MORTAR 730 STANYAN, BASEMENT MAIN BASEMENT CORRIDOR AREA AT WESTERN PERIMETER WALL	CINDERBLOCK: ND MORTAR: ND	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 23B Micro #: 244376-57 Analyst: EK HM #23 - CINDERBLOCK WALL SYSTEM BROWN CMU WITH GREY MORTAR 730 STANYAN, BASEMENT MAIN BASEMENT CORRIDOR AREA AT SOUTHERNH PERIMETER WALL	CINDERBLOCK: ND MORTAR: ND	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 24A Micro #: 244376-58 Analyst: EK HM #24 - CINDERBLOCK PRESSURE GROUTING MATERIAL - GREY 730 STANYAN, BASEMENT MAIN BASEMENT CORRIDOR AREA AT WESTERN PERIMETER WALL	GROUT: ND	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 24B Micro #: 244376-59 Analyst: EK HM #24 - CINDERBLOCK PRESSURE GROUTING MATERIAL - GREY 730 STANYAN, BASEMENT MAIN BASEMENT CORRIDOR AREA AT WESTERN PERIMETER WALL	GROUT: ND	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 25A Micro #: 244376-60 Analyst: EK GR HM #25 - EXTERIOR EAVE SYSTEM DRYWALL AND JOINT COMPOUND 730 STANYAN, EXTERIOR SOUTHERN SIDE OF BUILDING AT CENTRAL EAVE	COMPOSITE DW & JC: <1% CHRYSOTILE ASBESTOS DRYWALL: ND JOINT COMPOUND: 2% CHRYSOTILE ASBESTOS MESH / PAINT: ND	20 % CELLULOSE 10 % FIBROUS GLASS NFM: "GYPSUM" (CALCIUM SULFATE) CARBONATE SYNTHETIC MATERIAL

Technical Supervisor: _____ 5/4/2018
Gamini Ranatunga, Ph.D. Date Reported

NVLAP Lab Code 101872-0. CA ELAP Certification #1037. Analyses use Polarized Light Microscopy (PLM), Micro Analytical SOP PLM-101. Basic techniques follow the EPA Interim Method for Bulk Insulation Samples (1982), and EPA-600/R93-116 (1993). The 1993 method covers all types of bulk materials and is based on the 1982 Method, with improved analytical techniques for layered samples as required for NESHAP compliance. Asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (much less than 1%) may not be reliable or reproducible by PLM. Weight % cannot be determined by PLM. Asbestos with diameter below ~1 μm may not be detected by PLM. Absence of asbestos in dust, debris, and some compact materials, including floor tiles, cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM).Interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties.Tremolite-asbestos or actinolite- asbestos may be indistinguishable by PLM from some similar, non-regulated amphiboles (e.g. the "Libby Amphiboles" richterite and winchite), and should be confirmed by TEM. The lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos; however, reliable determination of asbestos percent at this level cannot be done by PLM estimation; PLM Point Counting or TEM weight percent analysis are recommended. Only dominant non-asbestos materials (fibrous and non-fibrous) are listed. This analysis shall not be construed as conclusive for the presence of any reported materials other than asbestos, or for the absence of any non-asbestos material. Common interferences include, but are not limited to: cellulose, fibrous glass, other man-made vitreous fibers, synthetic fibers, elongate fragments of calcium sulfate, talc, wollastonite, animal hair, and other miscellaneous elongate particles. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. If more than one distinct sample is received in the same container, samples shall be marked with letters and analyzed separately. Layers within a sample are analyzed separately when feasible; if asbestos is detected, percentages are reported for individual layers. Interlayer contamination is possible among any layers in a sample. The notation ND (or "NONE DETECTED") indicates a result of "NO ASBESTOS DETECTED" in a homogeneous sample, or in a layer of a heterogeneous sample. Composite asbestos percentages from multiple layers are applicable only to wallboard / joint compound systems; compositing is based on customers' descriptions of material as "joint compound". Customers are solely responsible for identification and description of bulk materials listed on field forms. Laboratory descriptions may differ from those given by customers. Quality Control (QC): all results have been determined to be within acceptance limits prior to reporting. Reanalyzed samples are denoted by two sets of analyst initials. Unless otherwise stated herein, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced except in full, without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed. NFM = Non-fibrous materials.

MICRO ANALYTICAL LABORATORIES, INC.

BULK ASBESTOS ANALYSIS - POLARIZED LIGHT MICROSCOPY (PLM)

1023
William Frieszell
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

PROJECT:
JOB NO. R1187355
730 STANYAN STREET
FORMER MCDONALD'S RESTAURANT
LIMITED PRE-DEMOLITION SURVEY
SAN FRANCISCO, CA

Micro Log In **244376**
Total Samples 95
Date Sampled 05/02/2018
Date Received 05/03/2018
Date Analyzed 05/03/2018

SAMPLE IDENTIFICATION	QUANTITY (AREA %) / TYPES / LAYERS ASBESTOS INFORMATION ND = NO ASBESTOS DETECTED	DOMINANT OTHER MATERIALS
Client #: 25B Micro #: 244376-61 Analyst: EK HM #25 - EXTERIOR EAVE SYSTEM DRYWALL AND JOINT COMPOUND 730 STANYAN, EXTERIOR SOUTHERN SIDE OF BUILDING AT SOUTHEASTERN CORNER EAVE	COMPOSITE DW & JC: <1% CHRYSOTILE ASBESTOS DRYWALL: ND JOINT COMPOUND: 2% CHRYSOTILE ASBESTOS MESH / PAINT: ND	20 % CELLULOSE 10 % FIBROUS GLASS NFM: "GYPSUM' (CALCIUM SULFATE) CARBONATE SYNTHETIC MATERIAL
Client #: 25C Micro #: 244376-62 Analyst: EK HM #25 - EXTERIOR EAVE SYSTEM DRYWALL AND JOINT COMPOUND 730 STANYAN, EXTERIOR NORTHERN SIDE OF BUILDING AT NORTHEASTERN CORNER EAVE	COMPOSITE DW & JC: <1% CHRYSOTILE ASBESTOS DRYWALL: ND JOINT COMPOUND: 2% CHRYSOTILE ASBESTOS MESH / PAINT: ND	20 % CELLULOSE 10 % FIBROUS GLASS NFM: "GYPSUM' (CALCIUM SULFATE) CARBONATE SYNTHETIC MATERIAL
Client #: 26A Micro #: 244376-63 Analyst: EK HM #26 - EXTERIOR FRAMING SEALANT - BLACK 730 STANYAN, EXTERIOR SOUTHERN SIDE OF BUILDING AT SOUTHEASTERN DOORWAY	RED SEALANT: ND (NO SEALANT (BLACK) IN THE SAMPLE)	NFM: SYNTHETIC MATERIAL BINDER
Client #: 26B Micro #: 244376-64 Analyst: EK GR HM #26 - EXTERIOR FRAMING SEALANT - BLACK 730 STANYAN, EXTERIOR SOUTHERN SIDE OF BUILDING AT SOUTHWESTERN DOORWAY	SEALANT (BLACK): 5% CHRYSOTILE ASBESTOS	10 % POLYETHYLENE NFM: SYNTHETIC MATERIAL BINDER
Client #: 26C Micro #: 244376-65 Analyst: EK HM #26 - EXTERIOR FRAMING SEALANT - BLACK 730 STANYAN, EXTERIOR SOUTHERN SIDE OF BUILDING AT SOUTHWESTERN WINDOW BANK	SEALANT (BLACK): 5% CHRYSOTILE ASBESTOS	10 % POLYETHYLENE NFM: SYNTHETIC MATERIAL BINDER

Technical Supervisor: Gamini Ranatunga, Ph.D. 5/4/2018 Date Reported

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PROJECT:
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SAN FRANCISCO, CA

Micro Log In **244376**
Total Samples 95
Date Sampled 05/02/2018
Date Received 05/03/2018
Date Analyzed 05/03/2018

SAMPLE IDENTIFICATION	QUANTITY (AREA %) / TYPES / LAYERS ASBESTOS INFORMATION ND = NO ASBESTOS DETECTED	DOMINANT OTHER MATERIALS
Client #: 27A Micro #: 244376-66 Analyst: EK HM #27 - BUILDING CONCRETE MATERIALS 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT SOUTHWESTERN ENTRY WAY	CONCRETE: ND	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 27B Micro #: 244376-67 Analyst: EK HM #27 - BUILDING CONCRETE MATERIALS 730 STANYAN, BASEMENT MAIN BASEMENT CORRIDOR AREA AT NORTHERN SLAB	CONCRETE: ND	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 27C Micro #: 244376-68 Analyst: EK HM #27 - BUILDING CONCRETE MATERIALS 730 STANYAN, BASEMENT MAIN BASEMENT CORRIDOR AREA AT SOUTHERN SLAB	CONCRETE: ND	NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 28A Micro #: 244376-69 Analyst: EK HM #28 - ROOFING CLAY TILE - RED 730 STANYAN, ROOF LEVEL PERIMETER ROOF FIELD AT NORTHEASTERN CORNER	CLAY TILE: ND	NFM: BINDER, OTHER, MISCELLANEOUS.
Client #: 28B Micro #: 244376-70 Analyst: EK HM #28 - ROOFING CLAY TILE - RED 730 STANYAN, ROOF LEVEL PERIMETER ROOFING FIELD AT SOUTHEASTERN CORNER	CLAY TILE: ND	NFM: BINDER, OTHER, MISCELLANEOUS.

Technical Supervisor: Gamini Ranatunga, Ph.D. 5/4/2018 Date Reported

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SAN FRANCISCO, CA

Micro Log In **244376**
Total Samples 95
Date Sampled 05/02/2018
Date Received 05/03/2018
Date Analyzed 05/03/2018

SAMPLE IDENTIFICATION	QUANTITY (AREA %) / TYPES / LAYERS ASBESTOS INFORMATION ND = NO ASBESTOS DETECTED	DOMINANT OTHER MATERIALS
Client #: 29A Micro #: 244376-71 Analyst: EK HM #29 - FELT ROOFING FIELD UNDER HM#28 730 STANYAN, ROOF LEVEL PERIMETER ROOFING FIELD AT NORTHEASTERN CORNER	TAR LAYERS: ND CELLULOSE FELTS: ND	30 % CELLULOSE NFM: RESILIENT ORGANICALLY BOUND MATERIALS, MISC. PARTICLES
Client #: 29B Micro #: 244376-72 Analyst: EK HM #29 - FELT ROOFING FIELD UNDER HM#28 730 STANYAN, ROOF LEVEL PERIMETER ROOFING FIELD AT SOUTHEASTERN CORNER	TAR LAYERS: ND CELLULOSE FELTS: ND	30 % CELLULOSE NFM: RESILIENT ORGANICALLY BOUND MATERIALS, MISC. PARTICLES
Client #: 30A Micro #: 244376-73 Analyst: EK GR HM #30 - ROOF PARAPET SYSTEM ROLLED COMPOSITE SHINGLE 730 STANYAN, ROOF LEVEL NORTHEN PERIMETER PARAPET AT APPROXIMATE CENTER	TAR LAYERS: ND FIBERGLASS FELT: ND SILVER PAINT W/ RED PAINT: ND	20 % FIBROUS GLASS 3 % POLYETHYLENE NFM: RESILIENT ORGANICALLY BOUND MATERIALS, MISC. PARTICLES
Client #: 30B Micro #: 244376-74 Analyst: EK HM #30 - ROOF PARAPET SYSTEM ROLLED COMPOSITE SHINGLE 730 STANYAN, ROOF LVEL WESTERN PERIMETER PARAPET AT APPROXIMATE CENTER	TAR LAYERS: ND FIBERGLASS FELT: ND SILVER PAINT W/ RED PAINT: ND	20 % FIBROUS GLASS 3 % POLYETHYLENE NFM: RESILIENT ORGANICALLY BOUND MATERIALS, MISC. PARTICLES
Client #: 30C Micro #: 244376-75 Analyst: EK HM #30 - ROOF PARAPET SYSTEM ROLLED COMPOSITE SHINGLE 730 STANYAN, ROOF LEVEL SOUTHERN PERIMETER PARAPET AT APPROXIMATE CENTER	TAR LAYERS: ND FIBERGLASS FELT: ND SILVER PAINT W/ RED PAINT: ND	20 % FIBROUS GLASS 3 % POLYETHYLENE NFM: RESILIENT ORGANICALLY BOUND MATERIALS, MISC. PARTICLES

Technical Supervisor: _____ 5/4/2018
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Micro Log In	**244376**
Total Samples	95
Date Sampled	05/02/2018
Date Received	05/03/2018
Date Analyzed	05/03/2018

SAMPLE IDENTIFICATION	QUANTITY (AREA %) / TYPES / LAYERS ASBESTOS INFORMATION ND = NO ASBESTOS DETECTED	DOMINANT OTHER MATERIALS
Client #: 31A Micro #: 244376-76 Analyst: EK GR HM #31 - ROOFING MASTICS - BLACK / GREY 730 STANYAN, ROOF LEVEL MAIN ROOFING FIELD AT CENTRAL PENETRATION	BLACK MASTIC: 3% CHRYSOTILE ASBESTOS	8 % CELLULOSE NFM: TAR/ASPHALT, BINDER
Client #: 31B Micro #: 244376-77 Analyst: EK HM #31 - ROOFING MASTICS - BLACK / GREY 730 STANYAN, ROOF LVEL MAIN ROOFING FIELD AREA AT CENTRAL HVAC CURB SEAL	BLACK MASTIC: ND	5 % CELLULOSE NFM: TAR/ASPHALT, BINDER
Client #: 31C Micro #: 244376-78 Analyst: EK HM #31 - ROOFING MATICS - BLACK / GREY 730 STANYAN, ROOF LEVEL MAIN ROOFING FIELD AREA AT CENTRAL PATCH	BLACK MASTIC: ND	5 % CELLULOSE NFM: TAR/ASPHALT, BINDER
Client #: 31D Micro #: 244376-79 Analyst: EK HM #31 - ROOFING MASTICS - BLACK / GREY 730 STANYAN, ROOF LEVEL WESTERN PERIMETER PARAPET AT APPROXIMATE CENTER PATCH	BLACK MASTIC: ND	5 % CELLULOSE NFM: TAR/ASPHALT, BINDER
Client #: 32A Micro #: 244376-80 Analyst: EK GR HM #32 - ROOF FLASHING/HVAC CURBING SYSTEMS ROLLED SHINGLING 730 STANYAN, ROOF LEVEL NORTHERN PERIMETER PARAPET AT NORTHWESTERN FLASHING	DULL TAR MASTIC: 3% CHRYSOTILE ASBESTOS GLOSSY TAR LAYERS: ND FIBERGLASS FELT: ND	20 % FIBROUS GLASS NFM: TAR/ASPHALT, BINDER

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Micro Log In **244376**
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Client #: 32B Micro #: 244376-81 Analyst: LR GR HM #32 - ROOF FLASHING/HVAC CURBING SYSTEMS ROLLED SHINGLING 730 STANYAN, ROOF LEVEL MAIN ROOFING FIELD AREA AT WESTERN HVAC CURB	FIBERGLASS FELTS: ND GLOSSY TAR WITH GRAVEL: ND SILVER PAINT: ND DULL TAR / MASTIC: ND	10 % CELLULOSE 25 % FIBROUS GLASS NFM: TAR/ASPHALT, BINDER
Client #: 32C Micro #: 244376-82 Analyst: LR HM #32 - ROOF FLASHING/HVAC CURBING SYSTEMS ROLLED SHINGLING 730 STANYAN, ROOF LEVEL SOUTHERN PERIMETER PARAPET AT SOUTHEASTERN FLASHING	FIBERGLASS FELTS: ND GLOSSY TAR WITH GRAVEL: ND DULL TAR / MASTIC: ND GLUE: ND	5 % CELLULOSE 25 % FIBROUS GLASS NFM: TAR/ASPHALT, BINDER
Client #: 33A Micro #: 244376-83 Analyst: LR HM #33 - WALL COVERING MATERIAL - TAN 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT NORTHERN PERIMETER WALL	ND	40 % CELLULOSE 30 % SYNTHETIC FIBERS NFM: SYNTHETIC MATERIAL
Client #: 33B Micro #: 244376-84 Analyst: LR HM #33- WALL COVERING MATERIAL - TAN 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT SOUTHEASTERN PERIMETER WALL	ND	40 % CELLULOSE 30 % SYNTHETIC FIBERS NFM: SYNTHETIC MATERIAL
Client #: 34A Micro #: 244376-85 Analyst: LR HM #34 - DECORATIVE ROCK WALL MORTAR - GREY 730 STANYAN, INTERIOR MAIN DINING ROOM AREA AT WESTERN WALL	MORTAR: ND	2 % CELLULOSE NFM: ROCK FRAGMENTS, CARBONATE, BINDER

Technical Supervisor: _____ 5/4/2018
Gamini Ranatunga, Ph.D. Date Reported

NVLAP Lab Code 101872-0. CA ELAP Certification #1037. Analyses use Polarized Light Microscopy (PLM), Micro Analytical SOP PLM-101. Basic techniques follow the EPA Interim Method for Bulk Insulation Samples (1982), and EPA-600/R93-116 (1993). The 1993 method covers all types of bulk materials and is based on the 1982 Method, with improved analytical techniques for layered samples as required for NESHAP compliance. Asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (much less than 1%) may not be reliable or reproducible by PLM. Weight % cannot be determined by PLM. Asbestos with diameter below ~1 μm may not be detected by PLM. Absence of asbestos in dust, debris, and some compact materials, including floor tiles, cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM).Interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties.Tremolite-asbestos or actinolite- asbestos may be indistinguishable by PLM from some similar, non-regulated amphiboles (e.g. the "Libby Amphiboles" richterite and winchite), and should be confirmed by TEM. The lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos; however, reliable determination of asbestos percent at this level cannot be done by PLM estimation; PLM Point Counting or TEM weight percent analysis are recommended. Only dominant non-asbestos materials (fibrous and non-fibrous) are listed. This analysis shall not be construed as conclusive for the presence of any reported materials other than asbestos, or for the absence of any non-asbestos material. Common interferences include, but are not limited to: cellulose, fibrous glass, other man-made vitreous fibers, synthetic fibers, elongate fragments of calcium sulfate, talc, wollastonite, animal hair, and other miscellaneous elongate particles. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. If more than one distinct sample is received in the same container, samples shall be marked with letters and analyzed separately. Layers within a sample are analyzed separately when feasible; if asbestos is detected, percentages are reported for individual layers. Interlayer contamination is possible among any layers in a sample. The notation ND (or "NONE DETECTED") indicates a result of "NO ASBESTOS DETECTED" in a homogeneous sample, or in a layer of a heterogeneous sample. Composite asbestos percentages from multiple layers are applicable only to wallboard / joint compound systems; compositing is based on customers' descriptions of material as "joint compound". Customers are solely responsible for identification and description of bulk materials listed on field forms. Laboratory descriptions may differ from those given by customers. Quality Control (QC): all results have been determined to be within acceptance limits prior to reporting. Reanalyzed samples are denoted by two sets of analyst initials. Unless otherwise stated herein, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced except in full, without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed. NFM = Non-fibrous materials.

MICRO ANALYTICAL LABORATORIES, INC.

BULK ASBESTOS ANALYSIS - POLARIZED LIGHT MICROSCOPY (PLM)

1023
William Frieszell
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

PROJECT:
JOB NO. R1187355
730 STANYAN STREET
FORMER MCDONALD'S RESTAURANT
LIMITED PRE-DEMOLITION SURVEY
SAN FRANCISCO, CA

Micro Log In **244376**
Total Samples 95
Date Sampled 05/02/2018
Date Received 05/03/2018
Date Analyzed 05/03/2018

SAMPLE IDENTIFICATION	QUANTITY (AREA %) / TYPES / LAYERS ASBESTOS INFORMATION ND = NO ASBESTOS DETECTED	DOMINANT OTHER MATERIALS
Client #: 34B Micro #: 244376-86 Analyst: LR **HM #34 - DECORATIVE ROCK WALL MORTAR - GREY** **730 STANYAN, INTERIOR** **MAIN DINING ROOM AREA** **AT WESTERN WALL**	**MORTAR: ND**	2 % CELLULOSE NFM: ROCK FRAGMENTS, CARBONATE, BINDER
Client #: 35A Micro #: 244376-87 Analyst: LR **HM #35 - MAIN ROOFING FIELD** **TAR AND GRAVEL SYSTEM** **730 STANYAN, ROOF LEVEL** **MAIN ROOFING FIELD AREA** **AT WESTERN SIDE**	**CELLULOSE FELTS: ND** **FIBERGLASS FELTS: ND** **GLOSSY TAR W/ GRAVEL: ND**	20 % CELLULOSE 20 % FIBROUS GLASS NFM: TAR/ASPHALT, BINDER
Client #: 35B Micro #: 244376-88 Analyst: LR **HM #35 - MAIN ROOFING FIELD** **TAR AND GRAVEL SYSTEM** **730 STANYAN, ROOF LEVEL** **MAIN ROOFING FIELD AREA** **AT APPROXIMATE CENTER**	**CELLULOSE FELTS: ND** **FIBERGLASS FELTS: ND** **GLOSSY TAR W/ GRAVEL: ND**	10 % CELLULOSE 25 % FIBROUS GLASS NFM: TAR/ASPHALT, BINDER
Client #: 35C Micro #: 244376-89 Analyst: LR **HM #35 - MAIN ROOFING FIELD** **TAR AND GRAVEL SYSTEM** **730 STANYAN, ROOF LEVEL** **MAIN ROOFING FIELD AREA** **AT EASTERN SIDE**	**CELLULOSE FELTS: ND** **FIBERGLASS FELTS: ND** **GLOSSY TAR W/ GRAVEL: ND**	5 % CELLULOSE 25 % FIBROUS GLASS NFM: TAR/ASPHALT, BINDER
Client #: 36A Micro #: 244376-90 Analyst: LR **HM #36- PERIMETER ROOFING FIELD** **CASCADING SHINGLE SYSTEMS** **730 STANYAN, ROOF LEVEL** **WESTERN PERIMETER ROOFING FIELD** **AT APPROXIMATE CENTER**	**TAR WITH GRAVEL: ND** **FIBERGLASS FELT: ND** **CELLULOSE FELT: ND**	20 % CELLULOSE 20 % FIBROUS GLASS NFM: TAR/ASPHALT, BINDER

Technical Supervisor: _____ 5/4/2018
Gamini Ranatunga, Ph.D. Date Reported

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BULK ASBESTOS ANALYSIS - POLARIZED LIGHT MICROSCOPY (PLM)

1023
William Frieszell
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

PROJECT:
JOB NO. R1187355
730 STANYAN STREET
FORMER MCDONALD'S RESTAURANT
LIMITED PRE-DEMOLITION SURVEY
SAN FRANCISCO, CA

Micro Log In **244376**
Total Samples 95
Date Sampled 05/02/2018
Date Received 05/03/2018
Date Analyzed 05/03/2018

SAMPLE IDENTIFICATION	QUANTITY (AREA %) / TYPES / LAYERS ASBESTOS INFORMATION ND = NO ASBESTOS DETECTED	DOMINANT OTHER MATERIALS
Client #: 36B Micro #: 244376-91 Analyst: LR HM #36- PERIMETER ROOFING FIELD CASCADING SHINGLE SYSTEMS 730 STANYAN, ROOF LEVEL NORTHERN PERIMETER ROOFING FIELD AT APPROXIMATE CENTER	TAR WITH GRAVEL: ND FIBERGLASS FELT: ND CELLULOSE FELT: ND	20 % CELLULOSE 20 % FIBROUS GLASS NFM: TAR/ASPHALT, BINDER
Client #: 36C Micro #: 244376-92 Analyst: LR HM #36- PERIMETER ROOFING FIELD CASCADING SHINGLE SYSTEMS 730 STANYAN, ROOF LEVEL SOUTHERN PERIMETER ROOFING FIELD AT APPROXIMATE CENTER	TAR WITH GRAVEL: ND FIBERGLASS FELT: ND CELLULOSE FELT: ND	20 % CELLULOSE 20 % FIBROUS GLASS NFM: TAR/ASPHALT, BINDER
Client #: 37A Micro #: 244376-93 Analyst: LR HM #37 - PLANTER BOX MOISTURE BARRIER - BLACK 730 STANYAN, EXTERIOR SOUTHERN SIDE OF BUILDING AT CENTER PLANTER BOX	25% CHRYSOTILE ASBESTOS	5 % CELLULOSE NFM: TAR/ASPHALT, BINDER
Client #: 37B Micro #: 244376-94 Analyst: LR HM #37 - PLANTER BOX MOISTURE BARRIER - BLACK 730 STANYAN, EXTERIOR SOUTHERN SIDE OF BUILDING AT CENTER PLANTER BOX	25% CHRYSOTILE ASBESTOS	5 % CELLULOSE NFM: TAR/ASPHALT, BINDER
Client #: 37C Micro #: 244376-95 Analyst: LR GR HM # 37 - PLANTER BOX MOISTURE BARRIER - BLACK 730 STANYAN, EXTERIOR SOUTHERN SIDE OF BUILDING AT SOUTHWESTERN PLANTER BOX	25% CHRYSOTILE ASBESTOS	5 % CELLULOSE NFM: TAR/ASPHALT, BINDER

Technical Supervisor: Gamini Ranatunga, Ph.D. 5/4/2018 Date Reported

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Terracon

1466 66th Street, Emeryville, California

ACM BULK SAMPLE DATA SHEET

✓	PM - W. Frieszell wmfrieszell@terracon.com		PM - K. Schroeter Karin@rgaenv.com		PM - K. Pilgrim Ken@rgaenv.com
	PM - T. Kattchee Tedd@rgaenv.com		PM - S. Steiner steff@rgaenv.com		PM - W. Frieszell wmfrieszell@terracon.com

* PLM Analysis
___ Stop Analysis at First Positive
_X_ Analyze All Samples
___ Point Count Analysis (400-point)

244376

Project Name/Address	730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San Francisco, CA							
Terracon Project Number	R1187355	Sampled By	W. Frieszell / R. Caldwell		Sampling Date	May 2, 2018		
Laboratory	MAL	X	Other		Turn Around Time	3-5 Day	X	Other (Specify)

***FAX OR E-MAIL REPORT TO: *SEE ABOVE PROJECT MANAGER (PM)* ***

	HM# 1	Material Description: Brick Wall Surfacing Compound - White	
	Sample ID	Sample Location & Material Location	Quantity:
1	1 A	730 Stanyan, Interior - Main Dining Room Area at Northern Perimeter Wall	
2	1 B	730 Stanyan, Interior - Main Dining Room Area at Western Perimeter Wall	
3	1 C	730 Stanyan, Interior - Main Dining Room Area at Southern Perimeter Wall	
	Material Location:		

	HM# 2	Material Description: Faux Stone Ceramic Tile System - 12" Tan Tile with Grout and Mortar	
	Sample ID	Sample Location & Material Location	Quantity:
4	2 A	730 Stanyan, Interior - Main Dining Room Area at Northwestern Window Box	
5	2 B	730 Stanyan, Interior - Main Dining Room Area at Southern Window Box	
	C		
	Material Location:		

	HM# 3	Material Description: Ceiling Tile - 2'x2' White Lay-in System, Pinhole/Fissure Pattern	
	Sample ID	Sample Locations	Quantity:
6	3 A	730 Stanyan, Interior - Main Dining Room Area at Northern Side	
7	3 B	730 Stanyan, Interior - Main Dining Room Area at Southern Side	
8	3 C	730 Stanyan, Interior - Main Dining Room Area at Western Side	
	Material Location:		

	HM# 4	Material Description: Wainscot Adhesive - Tan on Fiberboard Dining Room System	
	Sample ID	Sample Location & Material Location	Quantity:
9	4 A	730 Stanyan, Interior - Main Dining Room Area at Northern Perimeter Wall	
10	4 B	730 Stanyan, Interior - Main Dining Room Area at Southern Perimeter Wall	
11	4 C	730 Stanyan, Interior - Main Dining Room Area at Southeastern Perimeter Wall	
	Material Location:		

	HM# 5	Material Description: Faux Brick Floor - 4 'x 9' Red Ceramic Tile with Grout and Mortar	
	Sample ID	Sample Location & Material Location	Quantity:
12	5 A	730 Stanyan, Interior - Main Dining Room Area at Northern Side of Building	
13	5 B	730 Stanyan, Interior - Main Dining Room Area at Southern Side of Building	
14	5 C	730 Stanyan, Interior - Main Dining Room Area at Southeastern Corner	
	Material Location:		

	NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By:	William Frieszell	William Frieszell	Terracon Consultants	May 2, 2018
Received By:	Heidi Santos			MAY 0 2 2018
Relinquished By:				
Received By:	AMV	MV	MAL	5/3/18 931

Terracon

1466 66th Street, Emeryville, California

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	PM - T. Kattchee Tedd@rgaenv.com		PM - S. Steiner steff@rgaenv.com		PM - W. Frieszell wmfrieszell@terracon.com

* PLM Analysis
___ Stop Analysis at First Positive
_X_ Analyze All Samples
___ Point Count Analysis (400-point)

244376

Project Name/Address	730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San Francisco, CA							
Terracon Project Number	R1187355	Sampled By	W. Frieszell / R. Caldwell	Sampling Date	May 2, 2018			
Laboratory	MAL	X	Other		Turn Around Time	3-5 Day	X	Other (Specify)

***FAX OR E-MAIL REPORT TO: *SEE ABOVE PROJECT MANAGER (PM)* ***

HM# 6	**Material Description: Ceramic Tile Cove System - 5" Red Tile with**	
Sample ID	**Sample Location & Material Location**	**Quantity:**
15 6 A	730 Stanyan, Interior - Food Counter Area at Northern Side Perimeter Wall	
16 6 B	730 Stanyan, Interior - Main Dining Room Area at Southwestern Demising Wall	
6 C		
Material Location:		

HM# 7	**Material Description: Wainscot Adhesive - Brown on Full Height White FRP**	
Sample ID	**Sample Location & Material Location**	**Quantity:**
17 7 A	730 Stanyan, Interior - Main Food Preparation Area at Northern Perimeter Wall	
18 7 B	730 Stanyan, Interior - Main Food Preparation Area at Southern Partition Wall	
19 7 C	730 Stanyan, Interior - Main Food Preparation Area at Central Soffitt	
Material Location:		

HM# 8	**Material Description: Ceramic Wall Tile System - 4" White Tile with Grout and Mastic**	
Sample ID	**Sample Locations**	**Quantity:**
20 8 A	730 Stanyan, Interior - Main Food Preparation Area at Southern Partition Wall	
21 8 B	730 Stanyan, Interior - Main Food Preparation Area at Northern Perimeter Wall	
22 8 C	730 Stanyan, Interior - Main Food Preparation Area at Eastern Wall	
Material Location:		

HM# 9	**Material Description: Ceramic Floor Tile System - 9" Red with Grout and Mortar**	
Sample ID	**Sample Location & Material Location**	**Quantity:**
23 9 A	730 Stanyan, Interior - Main Food Preparation Area at Southwestern Side	
24 9 B	730 Stanyan, Interior - Main Food Preparation Area at Eastern Office Corridor	
9 C		
Material Location:		

HM# 10	**Material Description: Ceramic Wall Tile System - 24" Tan Tile with Grout and Mortar**	
Sample ID	**Sample Location & Material Location**	**Quantity:**
25 10 A	730 Stanyan, Interior - Southeastern Women's Restroom at Northern Partition	
26 10 B	730 Stanyan, Interior - Southeastern Women's Restroom at Western Wall	
10 C		
Material Location:		

	NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By:	William Frieszell	William Frieszell	Terracon Consultants	May 2, 2018
Received By:	Heidi Santos			MAY 0 2 2018
Relinquished By:				
Received By:			MAL	5/3/18 931

Terracon

1466 66th Street, Emeryville, California

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	PM - T. Kattchee Tedd@rgaenv.com		PM - S. Steiner steff@rgaenv.com		PM - W. Frieszell wmfrieszell@terracon.com

* PLM Analysis
___ Stop Analysis at First Positive
_X_ Analyze All Samples
___ Point Count Analysis (400-point)

244376

Project Name/Address	730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San Francisco, CA								
Terracon Project Number	R1187355	Sampled By	W. Frieszell / R. Caldwell		Sampling Date	May 2, 2018			
Laboratory	MAL	X	Other		Turn Around Time	3-5 Day	X	Other (Specify)	

***FAX OR E-MAIL REPORT TO: *SEE ABOVE PROJECT MANAGER (PM)* ***

HM# 11	**Material Description: Wall System - Green Board and Joint Compound**	
Sample ID	**Sample Location & Material Location**	**Quantity:**
27 11 A	730 Stanyan, Interior - Main Dining Room Area, Southern Perimeter Wall at Western Side	
28 11 B	730 Stanyan, Interior - Main Dining Room Area, Southern Perimeter Wall at Center	
29 11 C	730 Stanyan, Interior - Main Dining Room Area, Southern Perimeter Wall at Eastern Side	
Material Location:		
HM# 12	**Material Description: Ceiling Tile - 4'x'4 Glued System, Kitchen Slip Free Type**	
Sample ID	**Sample Location & Material Location**	**Quantity:**
30 12 A	730 Stanyan, Interior - Main Food Preparation Area at Northwestern Corner	
31 12 B	730 Stanyan, Interior - Main Food Preparation Area at Northeastern Corner	
32 12 C	730 Stanyan, Interior - Main Food Preparation Area at Southwestern Corner	
Material Location:		
HM# 13	**Material Description: Wall System - Drywall and Joint Compound**	
Sample ID	**Sample Locations**	**Quantity:**
33 13 A	730 Stanyan, Interior - Central Office Area at Northeastern Corner	
34 13 B	730 Stanyan, Interior - Main Dining Room Area at Central Food Prep Partition Wall	
35 13 C	730 Stanyan, Interior - Central Office Area at Southwestern Corner	
Material Location:		
HM# 14	**Material Description: Floor Tile - 12" Press-on Style, Faux Mosaic Pattern**	
Sample ID	**Sample Location & Material Location**	**Quantity:**
36 14 A	730 Stanyan, Interior - Main Food Preparation Area at Northern Pantry Closet	
37 14 B	730 Stanyan, Interior - Main Food Preparation Area at Northern Pantry Closet	
C		
Material Location:		
HM# 15	**Material Description: Ceramic Floor Tile System - 4"x9" Faux Wood Pattern with Grout and Mortar**	
Sample ID	**Sample Location & Material Location**	**Quantity:**
38 15 A	730 Stanyan, Interior - Southeastern Women's Restroom at Entry Way	
39 15 B	730 Stanyan, Interior - Southeastern Women's Restroom at Entry Way	
C		
Material Location:		

	NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By:	William Frieszell		Terracon Consultants	May 2, 2018
Received By:	Heidi Santos			MAY 0 2 2018
Relinquished By:				
Received By:				5/3/18 931

Terracon
1466 66th Street, Emeryville, California

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ACM BULK SAMPLE DATA SHEET

* PLM Analysis
___ Stop Analysis at First Positive
_X_ Analyze All Samples
___ Point Count Analysis (400-point)

2443760

Project Name/Address	730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San Francisco, CA								
Terracon Project Number	R1187355		Sampled By	W. Frieszell / R. Caldwell		Sampling Date	May 2, 2018		
Laboratory	MAL	X	Other		Turn Around Time	3-5 Day	X	Other (Specify)	

***FAX OR E-MAIL REPORT TO: *SEE ABOVE PROJECT MANAGER (PM)* ***

HM# 16	Material Description: Wood Paneling Adhesive - Yellow	
Sample ID	**Sample Location & Material Location**	**Quantity:**
40 16 A	730 Stanyan, Interior - Main Dining Room Area at Central Wood Paneled Soffitt	
41 16 B	730 Stanyan, Interior - Main Walk Up Counter Area at Western Side Ceiling	
C		
Material Location:		

HM# 17	Material Description: Walk-in Refrigerator Insulation - Yellow Foam	
Sample ID	**Sample Location & Material Location**	**Quantity:**
42 17 A	730 Stanyan, Interior - Western Walk-in Refrigerator at Northern Wall	
43 17 B	730 Stanyan, Interior - Western Walk-in Refrigerator at Western Wall	
C		
Material Location:		

HM# 18	Material Description: Brick Wall System - Brown Brick with Brown Mortar	
Sample ID	**Sample Locations**	**Quantity:**
44 18 A	730 Stanyan, Exterior - Northwestern Corner of Building at Planter Box	
45 18 B	730 Stanyan, Exterior - Southwestern Corner of Building at Exterior Wall System	
46 18 C	730 Stanyan, Exterior - Southeastern Corner of Building at Exterior Wall System	
Material Location:		

HM# 19	Material Description: Ceramic Floor Tile System - 6" Grey with Grout and Mortar	
Sample ID	**Sample Location & Material Location**	**Quantity:**
47 19 A	730 Stanyan, Basement - Northwestern Breakroom Area at Entry Way	
48 19 B	730 Stanyan, Basement - Northwestern Breakroom Area at Approximate Center	
C		
Material Location:		

HM# 20	Material Description: Floor Tile - 12" Press-on Type, Red	
Sample ID	**Sample Location & Material Location**	**Quantity:**
49 20 A	730 Stanyan, Basement - Central Storage Room Area at Western Entry Way	
50 20 B	730 Stanyan, Basement - Central Storage Room Area at Northeastern Corner	
51 20 C	730 Stanyan, Basement - Central Storage Room Area at Southern Side	
Material Location:		

	NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By:	William Frieszell	William Frieszell	Terracon Consultants	May 2, 2018
Received By:	Heidi Santos			MAY 0 2 2018
Relinquished By:				
Received By:	[illegible]	[illegible]	MAL	5/3/18 9:31

Terracon

1466 66th Street, Emeryville, California

ACM BULK SAMPLE DATA SHEET

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_X_ Analyze All Samples
___ Point Count Analysis (400-point)

244376

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Project Name/Address	730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San Francisco, CA						
Terracon Project Number	R1187355	Sampled By	W. Frieszell / R. Caldwell	Sampling Date	May 2, 2018		
Laboratory	MAL	X	Other	Turn Around Time	3-5 Day	X	Other (Specify)

***FAX OR E-MAIL REPORT TO: *SEE ABOVE PROJECT MANAGER (PM)* ***

HM# 21	Material Description: Cove Base Adhesive - Tan on 4" Black Cove	
Sample ID	Sample Location & Material Location	Quantity:
52 21 A	730 Stanyan, Basement - Northwestern Breakroom Area at Western Wall	
53 21 B	730 Stanyan, Basement - Northwestern Breakroom Area at Southern Wall	
C		
Material Location:		

HM# 22	Material Description: Basement Wall System - Drywall and Joint Compound	
Sample ID	Sample Location & Material Location	Quantity:
54 22 A	730 Stanyan, Basement - Central Corridor Area at Western Breakroom Wall	
55 22 B	730 Stanyan, Basement - Central Corridor Area at Western Breakroom Wall	
C		
Material Location:		

HM# 23	Material Description: Cinderblock Wall System - Brown CMU with Grey Mortar	
Sample ID	Sample Locations	Quantity:
56 23 A	730 Stanyan, Basement - Main Basement Corridor Area at Western Perimeter Wall	
57 23 B	730 Stanyan, Basement - Main Basement Corridor Area at Southern Perimeter Wall	
C		
Material Location:		

HM# 24	Material Description: Cinderblock Pressure Grouting Material - Grey	
Sample ID	Sample Location & Material Location	Quantity:
58 24 A	730 Stanyan, Basement - Main Basement Corridor Area at Western Perimeter Wall	
59 24 B	730 Stanyan, Basement - Main Basement Corridor Area at Western Perimeter Wall	
C		
Material Location:		

HM# 25	Material Description: Exterior Eave System - Drywall and Joint Compound	
Sample ID	Sample Location & Material Location	Quantity:
60 25 A	730 Stanyan, Exterior - Southern Side of Building at Central Eave	
61 25 B	730 Stanyan, Exterior - Southern Side of Building at Southeastern Corner Eave	
62 25 C	730 Stanyan, Exterior - Northern Side of Building at Northeastern Corner Eave	
Material Location:		

	NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By:	William Frieszell	William Frieszell	Terracon Consultants	May 2, 2018
Received By:	Heidi Santos			MAY 02 2018
Relinquished By:	MW	MW	MW	5/3/18 9:37
Received By:				

Terracon

1466 66th Street, Emeryville, California

ACM BULK SAMPLE DATA SHEET

* PLM Analysis — Page 6 of 8

___ Stop Analysis at First Positive

_X_ Analyze All Samples

___ Point Count Analysis (400-point)

244376

✓	PM - W. Frieszell wmfrieszell@terracon.com		PM - K. Schroeter Karin@rgaenv.com		PM - K. Pilgrim Ken@rgaenv.com
	PM - T. Kattchee Tedd@rgaenv.com		PM - S. Steiner steff@rgaenv.com		PM - W. Frieszell wmfrieszell@terracon.com

Project Name/Address	730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San Francisco, CA							
Terracon Project Number	R1187355	Sampled By	W. Frieszell / R. Caldwell		Sampling Date	May 2, 2018		
Laboratory	MAL	X	Other		Turn Around Time	3-5 Day	X	Other (Specify)

FAX OR E-MAIL REPORT TO: *SEE ABOVE PROJECT MANAGER (PM) *

HM# 26	Material Description: Exterior Framing Sealant - Black	
Sample ID	Sample Location & Material Location	Quantity:
63 26 A	730 Stanyan, Exterior - Southern Side of Building at Southeastern Doorway	
64 26 B	730 Stanyan, Exterior - Southern Side of Building at Southwestern Doorway	
65 26 C	730 Stanyan, Exterior - Southern Side of Building at Southwestern Window Bank	
Material Location:		

HM# 27	Material Description: Building Concrete Materials	
Sample ID	Sample Location & Material Location	Quantity:
66 27 A	730 Stanyan, Interior - Main Dining Room Area at Southwestern Entry Way	
67 27 B	730 Stanyan, Basement - Main Basement Corridor Area at Northern Slab	
68 27 C	730 Stanyan, Basement - Main Basement Corridor Area at Southern Slab	
Material Location:		

HM# 28	Material Description: Roofing Clay Tile - Red	
Sample ID	Sample Locations	Quantity:
69 28 A	730 Stanyan, Roof Level - Perimeter Roofing Field at Northeastern Corner	
70 28 B	730 Stanyan, Roof Level - Perimeter Roofing Field at Southeastern Corner	
C		
Material Location:		

HM# 29	Material Description: Felt Roofing Field under HM#28	
Sample ID	Sample Location & Material Location	Quantity:
71 29 A	730 Stanyan, Roof Level - Perimeter Roofing Field at Northeastern Corner	
72 29 B	730 Stanyan, Roof Level - Perimeter Roofing Field at Southeastern Corner	
C		
Material Location:		

HM# 30	Material Description: Roof Parapet System - Rolled Composite Shingle	
Sample ID	Sample Location & Material Location	Quantity:
73 30 A	730 Stanyan, Roof Level - Northern Perimeter Parapet at Approximate Center	
74 30 B	730 Stanyan, Roof Level - Western Perimeter Parapet at Approximate Center	
75 30 C	730 Stanyan, Roof Level - Southern Perimeter Parapet at Approximate Center	
Material Location:		

	NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By:	William Frieszell	William Frieszell	Terracon Consultants	May 2, 2018
Received By:	~~Heidi Santos~~			MAY 0 2 2018
Relinquished By:				
Received By:				5/3/18 931

Terracon
1466 66th Street, Emeryville, California

ACM BULK SAMPLE DATA SHEET

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	PM - T. Kattchee Tedd@rgaenv.com		PM - S. Steiner steff@rgaenv.com		PM - W. Frieszell wmfrieszell@terracon.com

* PLM Analysis
___ Stop Analysis at First Positive
_X_ Analyze All Samples
___ Point Count Analysis (400-point)

244376

Project Name/Address	730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San Francisco, CA								
Terracon Project Number	R1187355	Sampled By	W. Frieszell / R. Caldwell		Sampling Date	May 2, 2018			
Laboratory	MAL	X	Other		Turn Around Time	3-5 Day	X	Other (Specify)	

***FAX OR E-MAIL REPORT TO: *SEE ABOVE PROJECT MANAGER (PM)* ***

	HM# 31	Material Description: Roofing Mastics - Black/Grey	
	Sample ID	Sample Location & Material Location	Quantity:
76	31 A	730 Stanyan, Roof Level - Main Roofing Field Area at Central Penetration	
77	31 B	730 Stanyan, Roof Level - Main Roofing Field Area at Central HVAC Curb Seal	
78	31 C	730 Stanyan, Roof Level - Main Roofing Field Area at Central Patch	
79	31 D	730 Stanyan, Roof Level - Western Perimeter Parapet at Approximate Center Patch	
	Material Location:		

	HM# 32	Material Description: Roof Flashing/HVAC Curbing Systems - Rolled Shingling	
	Sample ID	Sample Location & Material Location	Quantity:
80	32 A	730 Stanyan, Roof Level - Northern Perimeter Parapet at Northwestern Flashing	
81	32 B	730 Stanyan, Roof Level - Main Roofing Field Area at Western HVAC Curb	
82	32 C	730 Stanyan, Roof Level - Southern Perimeter Parapet at Southeastern Flashing	
	Material Location:		

	HM# 33	Material Description: Wall Covering Material - Tan	
	Sample ID	Sample Locations	Quantity:
83	33 A	730 Stanyan, Interior - Main Dining Room Area at Northern Perimeter Wall	
84	33 B	730 Stanyan, Interior - Main Dining Room Area at Southeastern Perimeter Wall	
	Material Location:		

	HM# 34	Material Description: Decorative Rock Wall Mortar - Grey	
	Sample ID	Sample Location & Material Location	Quantity:
85	34 A	730 Stanyan, Interior - Main Dining Room Area at Western Wall	
86	34 B	730 Stanyan, Interior - Main Dining Room Area at Western Wall	
	C		
	Material Location:		

	HM# 35	Material Description: Main Roofing Field - Tar and Gravel System	
	Sample ID	Sample Location & Material Location	Quantity:
87	35 A	730 Stanyan, Roof Level - Main Roofing Field Area at Western Side	
88	35 B	730 Stanyan, Roof Level - Main Roofing Field Area at Approximate Center	
89	35 C	730 Stanyan, Roof Level - Main Roofing Field Area at Eastern Side	
	Material Location:		

	NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By:	William Frieszell	William Frieszell	Terracon Consultants	May 2, 2018
Received By:	Heidi Santos			MAY 0 2 2018
Relinquished By:				
Received By:			MAL	5/3/18 932

Terracon

1466 66th Street, Emeryville, California

✓	PM - W. Frieszell wmfrieszell@terracon.com		PM - K. Schroeter Karin@rgaenv.com		PM - K. Pilgrim Ken@rgaenv.com
	PM - T. Kattchee Tedd@rgaenv.com		PM - S. Steiner steff@rgaenv.com		PM - W. Frieszell wmfrieszell@terracon.com

ACM BULK SAMPLE DATA SHEET

* PLM Analysis
___ Stop Analysis at First Positive
_X_ Analyze All Samples
___ Point Count Analysis (400-point)

244376

Project Name/Address	730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San Francisco, CA								
Terracon Project Number	R1187355	Sampled By	W. Frieszell / R. Caldwell		Sampling Date	May 2, 2018			
Laboratory	MAL	X	Other		Turn Around Time	3-5 Day	X	Other (Specify)	

***FAX OR E-MAIL REPORT TO: *SEE ABOVE PROJECT MANAGER (PM)* ***

HM# 36	Material Description: Perimeter Roofing Field - Cascading Shingle Systems	
Sample ID	Sample Location & Material Location	Quantity:
90 36 A	730 Stanyan, Roof Level - Western Perimeter Roofing Field at Approximate Center	
91 36 B	730 Stanyan, Roof Level - Northern Perimeter Roofing Field at Approximate Center	
92 36 C	730 Stanyan, Roof Level - Southern Perimeter Roofing Field at Approximate Center	
Material Location:		

HM# 37	Material Description: Planter Box Moisture Barrier - Black	
Sample ID	Sample Location & Material Location	Quantity:
93 37 A	730 Stanyan, Exterior - Southern Side of Building at Central Planter Box	
94 37 B	730 Stanyan, Exterior - Southern Side of Building at Central Planter Box	
95 37 C	730 Stanyan, Exterior - Southern Side of Building at Southwestern Planter Box	
Material Location:		

HM#	Material Description:	
Sample ID	Sample Locations	Quantity:
A		
B		
C		
Material Location:		

HM#	Material Description:	
Sample ID	Sample Location & Material Location	Quantity:
A		
B		
C		
Material Location:		

HM#	Material Description:	
Sample ID	Sample Location & Material Location	Quantity:
A		
B		
C		
Material Location:		

	NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By:	William Frieszell	William Frieszell	Terracon Consultants	May 2, 2018
Received By:	Heidi Santos			MAY 0 2 2018
Relinquished By:				
Received By:			MAL	5/3/18 932

MICRO ANALYTICAL LABORATORIES, INC.

BULK ASBESTOS ANALYSIS - PLM POINT COUNT

1023
William Frieszell
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

PROJECT:
JOB NO. R1187355
730 STANYAN STREET
FORMER MCDONALD'S RESTAURANT
LIMITED PRE-DEMOLITION SURVEY
SAN FRANCISCO, CA

Micro Log In **244516**
Total Samples 6
Date Sampled 05/02/2018
Date Received 05/03/2018
Date Analyzed 05/09/2018

SAMPLE INFORMATION	ASBESTOS INFORMATION QUANTITY (AREA %) / TYPES / LAYERS / DISTINCT SAMPLES	DOMINANT OTHER MATERIALS
Client #: 13A Micro #: 244516-01 Analyst: LR HM #13 - WALL SYSTEM DRYWALL AND JOINT COMPOUND 730 STANYAN, INTERIOR CENTRAL OFFICE AREA AT NORTHEASTERN CORNER (REANALYSIS OF PLM 244376-33) Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	ND (ANALYSIS OF SHEETROCK AND JOINT COMPOUND COMPOSITE)	2 % CELLULOSE 5 % FIBROUS GLASS Matrix Type: 'GYPSUM' (CALCIUM SULFATE), CARBONATE.
Client #: 13B Micro #: 244516-02 Analyst: LR HM #13 - WALL SYSTEM DRYWALL AND JOINT COMPOUND MAIN DINING ROOM AREA 730 STANYAN, INTERIOR AT CENTRAL FOOD PREP PARTITION WALL (REANALYSIS OF PLM 244376-34) Asb. / Total Pts. Matrix Removed Sensitivity 2 / 400 0% 0.250%	0.50 % CHRYSOTILE ASBESTOS (ANALYSIS OF SHEETROCK AND JOINT COMPOUND COMPOSITE)	5 % FIBROUS GLASS Matrix Type: 'GYPSUM' (CALCIUM SULFATE), CARBONATE.
Client #: 13C Micro #: 244516-03 Analyst: GR HM #13 - WALL SYSTEM DRYWALL AND JOINT COMPOUND 730 STANYAN, INTERIOR CENTRAL OFFICE AREA AT SOUTHWESTERN CORNER (REANALYSIS OF PLM 244376-35) Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	< 0.25% CHRYSOTILE ASBESTOS (ANALYSIS OF SHEETROCK AND JOINT COMPOUND COMPOSITE) CHRYSOTILE ASBESTOS WAS OBSERVED DURING SCANNING BUT NO POINTS WERE COUNTABLE (ASBESTOS IS BELOW THE DETECTION LIMIT OF THE METHOD).	3 % CELLULOSE 2 % FIBROUS GLASS Matrix Type: "GYPSUM" (CALCIUM SULFATE) SYNTHETIC MATERIAL CARBONATE
Client #: 25A Micro #: 244516-04 Analyst: GR HM #25 - EXTERIOR EAVE SYSTEM DRYWALL AND JOINT COMPOUND 730 STANYAN, EXTERIOR SOUTHERN SIDE OF BUILDING AT CENTRAL EAVE (REANALYSIS OF PLM 244376-60) Asb. / Total Pts. Matrix Removed Sensitivity 1 / 400 0% 0.250%	0.25% CHRYSOTILE ASBESTOS (ANALYSIS OF SHEETROCK AND JOINT COMPOUND COMPOSITE)	5 % CELLULOSE 2 % FIBROUS GLASS Matrix Type: "GYPSUM" (CALCIUM SULFATE) SYNTHETIC MATERIAL CARBONATE
Client #: 25B Micro #: 244516-05 Analyst: RB HM #25 - EXTERIOR EAVE SYSTEM DRYWALL AND JOINT COMPOUND 730 STANYAN, EXTERIOR SOUTHERN SIDE OF BUILDING AT SOUTHEASTERN CORNER EAVE (REANALYSIS OF PLM 244376-61) Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	< 0.25% CHRYSOTILE ASBESTOS (ANALYSIS OF SHEETROCK AND JOINT COMPOUND COMPOSITE) CHRYSOTILE ASBESTOS WAS OBSERVED DURING SCANNING BUT NO POINTS WERE COUNTABLE (ASBESTOS IS BELOW THE DETECTION LIMIT OF THE METHOD).	3 % CELLULOSE Matrix Type: "GYPSUM" (CALCIUM SULFATE) CARBONATE

Technical Supervisor: Gamini Ranatunga, Ph.D. 5/10/2018 Date Reported

Analyses use Polarized Light Microscopy (PLM), Micro Analytical SOP PLM-101,Rev.1/4/2013 for building materials (based on EPA-600/R93-116 (1993)), and California ARB 435 (1991) for applicable soil, rock, or aggregate samples. NOTES: Weight % cannot be determined by PLM estimation or point counts. Asbestos fibers with diameter below ~1 μm may not be detected by PLM. The absence of asbestos in dust or debris (including wipe or microvacuum), and in some compact materials, including floor tiles, cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM). Only dominant non-asbestos materials are indicated. This report must not be interpreted as a conclusive identification of non-asbestos (fibrous or not). Quantities of non-asbestos fibers are estimated, not point counted. Preparation (all samples): grinding, milling; teasing bundles apart; drying, if needed, by hotplate. Acid dissolution, ashing, or other matrix reduction techniques may be applied to some samples; residue asbestos % is corrected for amount of matrix removed. Various sample interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties. Notes are made if point counting is used; otherwise, asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (<<1%) may not be reliable or reproducible by PLM. Lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos by weight; however, reliable determination of asbestos weight percent at this level cannot be done by PLM, and TEM is recommended. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. Composite asbestos percentages on multilayered samples are applicable only to layered wall systems (wallboard, joint compound, and related materials); compositing is based on clients' descriptions of a material as "joint compound". Clients are solely responsible for identification and description of bulk materials listed on field forms. Laboratory sample descriptions may differ from descriptions given by the client. Quality Control (QC): all results have been determined to be within acceptance limits prior to reporting. Samples that were reanalyzed are denoted by two sets of analyst initials. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced except in full, without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed. ND = NO ASBESTOS DETECTED.

MICRO ANALYTICAL LABORATORIES, INC.

BULK ASBESTOS ANALYSIS - PLM POINT COUNT

1023
William Frieszell
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

PROJECT:
JOB NO. R1187355
730 STANYAN STREET
FORMER MCDONALD'S RESTAURANT
LIMITED PRE-DEMOLITION SURVEY
SAN FRANCISCO, CA

Micro Log In **244516**
Total Samples 6
Date Sampled 05/02/2018
Date Received 05/03/2018
Date Analyzed 05/10/2018

SAMPLE INFORMATION	ASBESTOS INFORMATION QUANTITY (AREA %) / TYPES / LAYERS / DISTINCT SAMPLES	DOMINANT OTHER MATERIALS
Client #: 25C Micro #: 244516-06 Analyst: LR HM #25 - EXTERIOR EAVE SYSTEM DRYWALL AND JOINT COMPOUND 730 STANYAN, EXTERIOR NORTHERN SIDE OF BUILDING AT NORTHEASTERN CORNER EAVE (REANALYSIS OF PLM 244376-62) Asb. / Total Pts. Matrix Removed Sensitivity 0 / 400 0% 0.250%	< 0.25 % CHRYSOTILE ASBESTOS (ANALYSIS OF SHEETROCK AND JOINT COMPOUND COMPOSITE) CHRYSOTILE ASBESTOS WAS OBSERVED DURING SCANNING BUT NO POINTS WERE COUNTABLE (ASBESTOS IS BELOW THE DETECTION LIMIT OF THE METHOD).	2 % CELLULOSE 3 % FIBROUS GLASS Matrix Type: 'GYPSUM' (CALCIUM SULFATE), CARBONATE.

Technical Supervisor: _____ 5/10/2018
Gamini Ranatunga, Ph.D. Date Reported

Analyses use Polarized Light Microscopy (PLM), Micro Analytical SOP PLM-101,Rev.1/4/2013 for building materials (based on EPA-600/R93-116 (1993)), and California ARB 435 (1991) for applicable soil, rock, or aggregate samples. NOTES: Weight % cannot be determined by PLM estimation or point counts. Asbestos fibers with diameter below ~1 μm may not be detected by PLM. The absence of asbestos in dust or debris (including wipe or microvacuum), and in some compact materials, including floor tiles, cannot be conclusively established by PLM, and should be confirmed by Transmission Electron Microscopy (TEM). Only dominant non-asbestos materials are indicated. This report must not be interpreted as a conclusive identification of non-asbestos (fibrous or not). Quantities of non-asbestos fibers are estimated, not point counted. Preparation (all samples): grinding, milling; teasing bundles apart; drying, if needed, by hotplate. Acid dissolution, ashing, or other matrix reduction techniques may be applied to some samples; residue asbestos % is corrected for amount of matrix removed. Various sample interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties. Notes are made if point counting is used; otherwise, asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (<<1%) may not be reliable or reproducible by PLM. Lower quantitation limit (reporting limit) of PLM estimation is 1%. The Cal-OSHA definition of asbestos-containing construction material is 0.1% asbestos by weight; however, reliable determination of asbestos weight percent at this level cannot be done by PLM, and TEM is recommended. Sample heterogeneity is indicated by listing more than one distinct layer or material on the report. Composite asbestos percentages on multilayered samples are applicable only to layered wall systems (wallboard, joint compound, and related materials); compositing is based on clients' descriptions of a material as "joint compound". Clients are solely responsible for identification and description of bulk materials listed on field forms. Laboratory sample descriptions may differ from descriptions given by the client. Quality Control (QC): all results have been determined to be within acceptance limits prior to reporting. Samples that were reanalyzed are denoted by two sets of analyst initials. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced except in full, without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed. ND = NO ASBESTOS DETECTED.

Terracon

1466 66th Street, Emeryville, California

244516
400 pt ct.

ACM BULK SAMPLE DATA SHEET

* PLM Analysis
___ Stop Analysis at First Positive
X Analyze All Samples
___ Point Count Analysis (400-point)

244376

✓	PM - W. Frieszell wmfrieszell@terracon.com		PM - K. Schroeter Karin@rgaenv.com		PM - K. Pilgrim Ken@rgaenv.com
	PM - T. Kattchee Tedd@rgaenv.com		PM - S. Steiner steff@rgaenv.com		PM - W. Frieszell wmfrieszell@terracon.com

Project Name/Address	730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San Francisco, CA							
Terracon Project Number	RI187355	Sampled By	W. Frieszell / R. Caldwell		Sampling Date	May 2, 2018		
Laboratory	MAL	X	Other		Turn Around Time	3-5 Day	X	Other (Specify)

***FAX OR E-MAIL REPORT TO: *SEE ABOVE PROJECT MANAGER (PM)* ***

HM# 11	Material Description: Wall System - Green Board and Joint Compound	
Sample ID	Sample Location & Material Location	Quantity:
27 11 A	730 Stanyan, Interior - Main Dining Room Area, Southern Perimeter Wall at Western Side	
28 11 B	730 Stanyan, Interior - Main Dining Room Area, Southern Perimeter Wall at Center	
29 11 C	730 Stanyan, Interior - Main Dining Room Area, Southern Perimeter Wall at Eastern Side	
Material Location:		

HM# 12	Material Description: Ceiling Tile - 4'x'4 Glued System, Kitchen Slip Free Type	
Sample ID	Sample Location & Material Location	Quantity:
30 12 A	730 Stanyan, Interior - Main Food Preparation Area at Northwestern Corner	
31 12 B	730 Stanyan, Interior - Main Food Preparation Area at Northeastern Corner	
32 12 C	730 Stanyan, Interior - Main Food Preparation Area at Southwestern Corner	
Material Location:		

HM# 13	Material Description: Wall System - Drywall and Joint Compound	
Sample ID	Sample Locations	Quantity:
1 33 13 A	730 Stanyan, Interior - Central Office Area at Northeastern Corner	
2 34 13 B	730 Stanyan, Interior - Main Dining Room Area at Central Food Prep Partition Wall	
3 35 13 C	730 Stanyan, Interior - Central Office Area at Southwestern Corner	
Material Location:		

HM# 14	Material Description: Floor Tile - 12" Press-on Style, Faux Mosaic Pattern	
Sample ID	Sample Location & Material Location	Quantity:
36 14 A	730 Stanyan, Interior - Main Food Preparation Area at Northern Pantry Closet	
37 14 B	730 Stanyan, Interior - Main Food Preparation Area at Northern Pantry Closet	
C		
Material Location:		

HM# 15	Material Description: Ceramic Floor Tile System - 4"x9" Faux Wood Pattern with Grout and Mortar	
Sample ID	Sample Location & Material Location	Quantity:
38 15 A	730 Stanyan, Interior - Southeastern Women's Restroom at Entry Way	
39 15 B	730 Stanyan, Interior - Southeastern Women's Restroom at Entry Way	
C		
Material Location:		

	NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By:	William Frieszell		Terracon Consultants	May 2, 2018
Received By:	Heidi Santos			MAY 0 2 2018
Relinquished By:	MV	MV	MV	5/3/18 931
Received By:				

Terracon 244516

1466 66th Street, Emeryville, California 400 pt ct.

✓	PM - W. Frieszell wmfrieszell@terracon.com		PM - K. Schroeter Karin@rgaenv.com		PM - K. Pilgrim Ken@rgaenv.com
	PM - T. Kattchee Tedd@rgaenv.com		PM - S. Steiner steff@rgaenv.com		PM - W. Frieszell wmfrieszell@terracon.com

ACM BULK SAMPLE DATA SHEET

* PLM Analysis

___ Stop Analysis at First Positive

_X_ Analyze All Samples

___ Point Count Analysis (400-point)

244376

Project Name/Address	730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San Francisco, CA								
Terracon Project Number	R1187355		Sampled By	W. Frieszell / R. Caldwell		Sampling Date	May 2, 2018		
Laboratory	MAL	X	Other		Turn Around Time	3-5 Day	X	Other (Specify)	

*****FAX OR E-MAIL REPORT TO:** ***SEE ABOVE PROJECT MANAGER (PM)*** ***

HM# 21	**Material Description: Cove Base Adhesive - Tan on 4" Black Cove**	
Sample ID	**Sample Location & Material Location**	**Quantity:**
52 21 A	730 Stanyan, Basement - Northwestern Breakroom Area at Western Wall	
53 21 B	730 Stanyan, Basement - Northwestern Breakroom Area at Southern Wall	
C		
Material Location:		

HM# 22	**Material Description: Basement Wall System - Drywall and Joint Compound**	
Sample ID	**Sample Location & Material Location**	**Quantity:**
54 22 A	730 Stanyan, Basement - Central Corridor Area at Western Breakroom Wall	
55 22 B	730 Stanyan, Basement - Central Corridor Area at Western Breakroom Wall	
C		
Material Location:		

HM# 23	**Material Description: Cinderblock Wall System - Brown CMU with Grey Mortar**	
Sample ID	**Sample Locations**	**Quantity:**
56 23 A	730 Stanyan, Basement - Main Basement Corridor Area at Western Perimeter Wall	
57 23 B	730 Stanyan, Basement - Main Basement Corridor Area at Southern Perimeter Wall	
C		
Material Location:		

HM# 24	**Material Description: Cinderblock Pressure Grouting Material - Grey**	
Sample ID	**Sample Location & Material Location**	**Quantity:**
58 24 A	730 Stanyan, Basement - Main Basement Corridor Area at Western Perimeter Wall	
59 24 B	730 Stanyan, Basement - Main Basement Corridor Area at Western Perimeter Wall	
C		
Material Location:		

HM# 25	**Material Description: Exterior Eave System - Drywall and Joint Compound**	
Sample ID	**Sample Location & Material Location**	**Quantity:**
60 25 A	730 Stanyan, Exterior - Southern Side of Building at Central Eave	
61 25 B	730 Stanyan, Exterior - Southern Side of Building at Southeastern Corner Eave	
062 25 C	730 Stanyan, Exterior - Northern Side of Building at Northeastern Corner Eave	
Material Location:		

	NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By:	William Frieszell	Will Frieszell	Terracon Consultants	May 2, 2018
Received By:	Heidi Santos			MAY 02 2018
Relinquished By:	MW	MW	MW	
Received By:				5/3/18 931

APPENDIX C

LEAD ANALYTICAL LABORATORY DATA

MICRO ANALYTICAL LABORATORIES, INC.

EPA SW-846 LEAD-TTLC

1023
William Frieszell
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

PROJECT:

JOB NO. RII87355
730 STANYAN STREET
SAN FRANCISCO, CA

Micro Log In 244364
Total Samples 8
Date Sampled 05/02/2018
Date Received 05/02/2018
Date Analyzed 05/03/2018

Sample ID	Lead Concentration, ppm	RDL, ppm	Comments
Client PB-01 Micro 244364-01 TAN - 12" CERAMIC WINDOW BOX TILE 730 STANYAN GROUND FLOOR - MAIN DINING ROOM	< 9.7	9.7	
Client PB-02 Micro 244364-02 RED - 4" X 9" FAUX BRICK CERAMIC FLOOR TILE - 730 STANYAN GROUND FLOOR - MAIN DINING ROOM	< 8.5	8.5	
Client PB-03 Micro 244364-03 RED - 5" CERAMIC COVE BASE TILE 730 STANYAN GROUND FLOOR - MAIN DINING ROOM	< 8.4	8.4	
Client PB-04 Micro 244364-04 RED - 9" CERAMIC FLOOR TILE 730 STANYAN - GROUND FLOOR MAIN FOOD PREPARATION AREA	< 7.9	7.9	
Client PB-05 Micro 244364-05 WHITE - 4" CERAMIC WALL TILE 730 STANYAN - GROUND FLOOR MAIN FOOD PREPARATION AREA	3100	200	

Technical Supervisor: _____ 5/3/2018 Analyst: BL
Tess Tagorda, Chemistry Supervisor Date Reported

AIHA-LAP LLC ELLAP Accredited Laboratory, ID #101768. Samples are analyzed by **Flame Atomic Absorption Spectrometry** (FLAA) using SOP 23-Soil (in accordance with EPA Methods 3050B for Acid Digestion (SW 846, 3rd edition, 2007) and 7420 for Analysis (SW-846, 3rd edition, 2007)). **NOTE: Water samples are analyzed by FLAA in accordance with Method 3111B (Standard Methods for the Examination of Water and Wastewater, 18th edition).** Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. Note: due to software limitations, the number of reported significant figures does not necessarily reflect the uncertainty of the analysis. This report must not be reproduced except in full without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed. Unit explanations: mg = milligrams; kg = kilograms; ppm = parts per million. **L = liters.** RDL = Report Detection Limit. Note: mg / Kg is the same as ppm for solids, and mg/L is the same as ppm for water.

MICRO ANALYTICAL LABORATORIES, INC.

EPA SW-846 LEAD-TTLC

1023
William Frieszell
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

PROJECT:

JOB NO. RII87355
730 STANYAN STREET
SAN FRANCISCO, CA

Micro Log In 244364
Total Samples 8
Date Sampled 05/02/2018
Date Received 05/02/2018
Date Analyzed 05/03/2018

Sample ID	Lead Concentration, ppm	RDL, ppm	Comments
Client PB-06 Micro 244364-06 TAN - 24" CERAMIC WALL TILE 730 STANYAN - GROUND FLOOR SOUTHWESTERN MEN'S ROOM	< 7.0	7.0	
Client PB-07 Micro 244364-07 TAN - 4"X9" FAUX WOOD CERAMIC FLOOR TILE 730 STANYAN - GROUND FLOOR SOUTHEAST MEN'S RESTROOM	< 8.1	8.1	
Client PB-08 Micro 244364-08 GREY - 6" CERAMIC FLOOR TILE 730 STANYAN - BASEMENT LEVEL NORTHWESTERN BREAK ROOM	< 6.4	6.4	

Technical Supervisor: _____ 5/3/2018 Analyst: BL
Tess Tagorda, Chemistry Supervisor Date Reported

AIHA-LAP LLC ELLAP Accredited Laboratory, ID #101768. Samples are analyzed by **Flame Atomic Absorption Spectrometry** (FLAA) using SOP 23-Soil (in accordance with EPA Methods 3050B for Acid Digestion (SW 846, 3rd edition, 2007) and 7420 for Analysis (SW-846, 3rd edition, 2007)). **NOTE: Water samples are analyzed by FLAA in accordance with Method 3111B (Standard Methods for the Examination of Water and Wastewater, 18th edition).** Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. Note: due to software limitations, the number of reported significant figures does not necessarily reflect the uncertainty of the analysis. This report must not be reproduced except in full without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed. Unit explanations: mg = milligrams; kg = kilograms; ppm = parts per million. **L = liters.** RDL = Report Detection Limit. Note: mg / Kg is the same as ppm for solids, and mg/L is the same as ppm for water.

2443364 (TTLC)

Terracon

1466 66th Street, Emeryville, California

LEAD PAINT
SAMPLE DATA SHEET

* Lead Analysis
__ Flame AA (EPA 7420)
__ TTLC

	PM - S. Steiner Steff@rgaenv.com Fax: 510 899.7051		PM - K. Schroeter Karin@rgaenv.com Fax: 510.899.7063		PM - K. Pilgrim Ken@rgaenv.com Fax: 510.899.7053
	PM - T. Kattchee Tedd@rgaenv.com Fax: 510.899.7070	✓	PM - W. Frieszell wmfrieszell@terracon.com		PM - M. Bryant marlin.bryant@rgaenv.com Fax: 510.899.7062

Project Name/Address	730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San Francisco, CA							
Terracon Project Number	R1187355	Sampled By	W. Frieszell / R. Caldwell		Sampling Date	May 2, 2018		
Laboratory	MAL	X	Other		Turn Around Time	3-5 Day	X	Other (Specify)

Sample ID	Paint Description and Sample Location						Condition (I/F/P)
Pb-01	**Paint Color:**	Tan	**Substrate:**	12" Ceramic	**Component:**	Window Box Tile	I
	Bldg:	730 Stanyan	**Unit:**	Ground Floor	**Room:**	Main Dining Room	
Pb-02	**Paint Color:**	Red	**Substrate:**	4"x9" Faux Brick Ceramic	**Component:**	Floor Tile	I
	Bldg:	730 Stanyan	**Unit:**	Ground Floor	**Room:**	Main Dining Room	
Pb-03	**Paint Color:**	Red	**Substrate:**	5" Ceramic	**Component:**	Cove Base Tile	I
	Bldg:	730 Stanyan	**Unit:**	Ground Floor	**Room:**	Main Dining Room	
Pb-04	**Paint Color:**	Red	**Substrate:**	9" Ceramic	**Component:**	Floor Tile	I
	Bldg:	730 Stanyan	**Unit:**	Ground Floor	**Room:**	Main Food Preparation Area	
Pb-05	**Paint Color:**	White	**Substrate:**	4" Ceramic	**Component:**	Wall Tile	I
	Bldg:	730 Stanyan	**Unit:**	Ground Floor	**Room:**	Main Food Preparation Area	
Pb-06	**Paint Color:**	Tan	**Substrate:**	24" Ceramic	**Component:**	Wall Tile	I
	Bldg:	730 Stanyan	**Unit:**	Ground Floor	**Room:**	Southwestern Men's Room	
Pb-07	**Paint Color:**	Tan	**Substrate:**	4"x9" Faux Wood Ceramic	**Component:**	Floor Tile	I
	Bldg:	730 Stanyan	**Unit:**	Ground Floor	**Room:**	Southeast Men's Restroom	

	NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By:	**William Frieszell**		**Terracon Consultants**	**May 2, 2018**
Received By:	Stephanie Silapasay		MAL	5/2/18
Relinquished By:				
Received By:				

Terracon

1466 66th Street, Emeryville, California

	PM - S. Steiner Steff@rgaenv.com Fax: 510 899.7051		PM - K. Schroeter Karin@rgaenv.com Fax: 510.899.7063		PM - K. Pilgrim Ken@rgaenv.com Fax: 510.899.7053
	PM - T. Kattchee Tedd@rgaenv.com Fax: 510.899.7070	✓	PM - W. Frieszell wmfrieszell@terracon.com		PM - M. Bryant marlin.bryant@rgaenv.com Fax: 510.899.7062

LEAD PAINT
SAMPLE DATA SHEET

* Lead Analysis
__ Flame AA (EPA 7420)
__ TTLC

Project Name/Address	730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San Francisco, CA								
Terracon Project Number	R1187355	Sampled By	W. Frieszell / R. Caldwell		Sampling Date	May 2, 2018			
Laboratory	MAL	X	Other		Turn Around Time	3-5 Day	X	Other (Specify)	

Sample ID	Paint Description and Sample Location						Condition (I/F/P)
Pb-08	**Paint Color:**	Grey	**Substrate:**	6" Ceramic	**Component:**	Floor Tile	I
	Bldg:	730 Stanyan	**Unit:**	Basement Level	**Room:**	Northwestern Breakroom	
PCB-09	**Paint Color:**	White	**Substrate:**	Drywall	**Component:**	Wall System	I
	Bldg:	730 Stanyan	**Unit:**	Basement Level	**Room:**	Main Basement Area	
PCB-10	**Paint Color:**	White	**Substrate:**	Cinderblock	**Component:**	Wall System	I
	Bldg:	730 Stanyan	**Unit:**	Basement Level	**Room:**	Central Basement Corridor	
Pb-11	**Paint Color:**	Red	**Substrate:**	Wood	**Component:**	Roofing Parapet Cap	P
	Bldg:	730 Stanyan	**Unit:**	Roof Level	**Room:**	Southwestern Corner	
Pb-12	**Paint Color:**	Brown	**Substrate:**	Brick	**Component:**	Exterior Wall System	I
	Bldg:	730 Stanyan	**Unit:**	Exterior	**Room:**	Southern Side	
	Paint Color:		**Substrate:**		**Component:**		
	Bldg:		**Unit:**		**Room:**		
	Paint Color:		**Substrate:**		**Component:**		
	Bldg:		**Unit:**		**Room:**		

	NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By:	**William Frieszell**	William Frieszell	**Terracon Consultants**	**May 2, 2018**
Received By:	Stephanie Silapasay		MAL	5/2/18
Relinquished By:				
Received By:				

MICRO ANALYTICAL LABORATORIES, INC.

LEAD IN PAINT - FLAME AAS (SW846)

1023
William Frieszell
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

PROJECT:
JOB NO. RII87355
730 STANYAN STREET
SAN FRANCISCO, CA

Micro Log In 244365
Total Samples 4
Date Sampled 05/02/2018
Date Received 05/02/2018
Date Analyzed 05/02/2018

Sample ID	Lead Concentration Weight Percent	mg/kg (ppm)	RDL
Client: PB-09 Lab: 244365-01 WHITE - DRYWALL WALL SYSTEM 730 STANYAN - BASEMENT LEVEL MAIN BASEMENT AREA	< 0.0046 %	< 45	0.00455 % 45 mg/kg
Client: PB-10 Lab: 244365-02 WHITE - CINDERBLOCK WALL SYSTEM 730 STANYAN - BASEMENT LEVEL CENTRAL BASEMENT CORRIDOR	< 0.0081 %	< 81	0.00806 % 81 mg/kg
Client: PB-11 Lab: 244365-03 RED - WOOD ROOFING PARAPET CAP 730 STANYAN - ROOF LEVEL SOUTHWESTERN CORNER	< 0.0069 %	< 69	0.00694 % 69 mg/kg
Client: PB-12 Lab: 244365-04 BROWN - BRICK EXTERIOR WALL SYSTEM 730 STANYAN - EXTERIOR SOUTHERN SIDE	< 0.0073 %	< 73	0.0073 % 73 mg/kg

Technical Supervisor: _____ 5/2/2018
Tess Tagorda, Chemistry Supervisor Date Reported

Analyst: TLN

AIHA-LAP LLC ELLAP Accredited Laboratory, ID #101768. Samples are analyzed by Flame Atomic Absorption Spectrometry (AAS) using SOP 23-Paint. This SOP is based on U.S. EPA SW-846 Method 7420 for instrumental analysis, and on USEPA SW846, 3rd edition for nitric acid and hydrogen peroxide digestion. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. Note: due to software limitations, the number of reported significant figures does not necessarily reflect the uncertainty of the analysis. If the amount of sample available for analysis is lower than advisable for this method, detection limits and uncertainty will be higher. This report must not be reproduced except in full, without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed. Unit explanations: mg = milligrams; kg = kilograms; ppm = parts per million. N/A = Not Applicable. RDL = Report Detection Limit.

244365 (paint)

Terracon

1466 66th Street, Emeryville, California

	PM - S. Steiner Steff@rgaenv.com Fax: 510 899.7051		PM - K. Schroeter Karin@rgaenv.com Fax: 510.899.7063		PM - K. Pilgrim Ken@rgaenv.com Fax: 510.899.7053
	PM - T. Kattchee Tedd@rgaenv.com Fax: 510.899.7070	✓	PM - W. Frieszell wmfrieszell@terracon.com		PM - M. Bryant marlin.bryant@rgaenv.com Fax: 510.899.7062

LEAD PAINT
SAMPLE DATA SHEET

* Lead Analysis
__ Flame AA (EPA 7420)
__ TTLC

Project Name/Address	730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San Francisco, CA							
Terracon Project Number	R1187355	Sampled By	W. Frieszell / R. Caldwell		Sampling Date	May 2, 2018		
Laboratory	MAL	X	Other		Turn Around Time	3-5 Day	X	Other (Specify)

Sample ID	Paint Description and Sample Location						Condition (I/F/P)
Pb-08	**Paint Color:**	Grey	**Substrate:**	6" Ceramic	**Component:**	Floor Tile	I
	Bldg:	730 Stanyan	**Unit:**	Basement Level	**Room:**	Northwestern Breakroom	
PCB-09	**Paint Color:**	White	**Substrate:**	Drywall	**Component:**	Wall System	I
	Bldg:	730 Stanyan	**Unit:**	Basement Level	**Room:**	Main Basement Area	
PCB-10	**Paint Color:**	White	**Substrate:**	Cinderblock	**Component:**	Wall System	I
	Bldg:	730 Stanyan	**Unit:**	Basement Level	**Room:**	Central Basement Corridor	
Pb-11	**Paint Color:**	Red	**Substrate:**	Wood	**Component:**	Roofing Parapet Cap	P
	Bldg:	730 Stanyan	**Unit:**	Roof Level	**Room:**	Southwestern Corner	
Pb-12	**Paint Color:**	Brown	**Substrate:**	Brick	**Component:**	Exterior Wall System	I
	Bldg:	730 Stanyan	**Unit:**	Exterior	**Room:**	Southern Side	
	Paint Color:		**Substrate:**		**Component:**		
	Bldg:		**Unit:**		**Room:**		
	Paint Color:		**Substrate:**		**Component:**		
	Bldg:		**Unit:**		**Room:**		

	NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By:	William Frieszell	William Frieszell	Terracon Consultants	May 2, 2018
Received By:	Stephanie Silapsay		MAL	5/2/18
Relinquished By:				
Received By:				

APPENDIX D

PCB ANALYTICAL LABORATORY DATA

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder:	1805353
Report Created for:	Terracon 1466 66th Street Emeryville, CA 94608
Project Contact:	William Frieszell
Project P.O.:	
Project:	R1187355; 730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San
Project Received:	05/03/2018

Analytical Report reviewed & approved for release on 05/10/2018 by:

Yen Cao

Project Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Terracon
Project: R1187355; 730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San Fr
WorkOrder: 1805353

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

j1	See attached narrative

McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Case Narrative

Client: Terracon
Work Order: 1805353

Project: R1187355; 730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San Francisco, CA
May 10, 2018

[WO# 1805353-001A] Retention times based off front detector. Unknown peaks pattern between 4.50 and 5.50 minutes. Unknown peaks at 6.50 and 8.34 minutes. Peaks pattern and individual peaks do not match any analytes from 8081, chlordane, toxaphene and the arochlors.

McCampbell Analytical, Inc.
"When Quality Counts"

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Terracon	**WorkOrder:**	1805353
Date Received:	5/3/18 9:47	**Extraction Method:**	SW3550B
Date Prepared:	5/7/18	**Analytical Method:**	SW8082
Project:	R1187355; 730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San	**Unit:**	mg/kg

Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-01 A	**1805353-001A**	**Solid**	**05/02/2018**	**GC40 05081813.d**	**157824**

Analytes	Result	RL	DF	Date Analyzed
Aroclor1016	ND	0.050	1	05/08/2018 13:09
Aroclor1221	ND	0.050	1	05/08/2018 13:09
Aroclor1232	ND	0.050	1	05/08/2018 13:09
Aroclor1242	ND	0.050	1	05/08/2018 13:09
Aroclor1248	ND	0.050	1	05/08/2018 13:09
Aroclor1254	ND	0.050	1	05/08/2018 13:09
Aroclor1260	ND	0.050	1	05/08/2018 13:09
PCBs, total	ND	0.050	1	05/08/2018 13:09

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	91	70-130	05/08/2018 13:09

Analyst(s): KX Analytical Comments: j1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-01 B	**1805353-002A**	**Solid**	**05/02/2018**	**GC40 05081814.d**	**157824**

Analytes	Result	RL	DF	Date Analyzed
Aroclor1016	ND	0.050	1	05/08/2018 13:22
Aroclor1221	ND	0.050	1	05/08/2018 13:22
Aroclor1232	ND	0.050	1	05/08/2018 13:22
Aroclor1242	ND	0.050	1	05/08/2018 13:22
Aroclor1248	ND	0.050	1	05/08/2018 13:22
Aroclor1254	ND	0.050	1	05/08/2018 13:22
Aroclor1260	ND	0.050	1	05/08/2018 13:22
PCBs, total	ND	0.050	1	05/08/2018 13:22

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	104	70-130	05/08/2018 13:22

Analyst(s): KX

McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Terracon	**WorkOrder:**	1805353
Date Prepared:	5/7/18	**BatchID:**	157824
Date Analyzed:	5/8/18	**Extraction Method:**	SW3550B
Instrument:	GC40	**Analytical Method:**	SW8082
Matrix:	Soil	**Unit:**	mg/kg
Project:	R1187355; 730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San	**Sample ID:**	MB/LCS/LCSD-157824

QC Summary Report for SW8082

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
Aroclor1016	ND	0.050	-	-	-
Aroclor1221	ND	0.050	-	-	-
Aroclor1232	ND	0.050	-	-	-
Aroclor1242	ND	0.050	-	-	-
Aroclor1248	ND	0.050	-	-	-
Aroclor1254	ND	0.050	-	-	-
Aroclor1260	ND	0.050	-	-	-
PCBs, total	ND	0.050	-	-	-
Surrogate Recovery					
Decachlorobiphenyl	0.0420		0.050	84	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aroclor1016	0.151	0.148	0.15	101	99	70-130	1.74	20
Aroclor1260	0.128	0.123	0.15	85	82	70-130	4.29	20
Surrogate Recovery								
Decachlorobiphenyl	0.0429	0.0421	0.050	86	84	70-130	1.85	20

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1805353 **ClientCode: RGAE**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☐ Detection Summary ☐ Dry-Weight

Report to:
William Frieszell
Terracon
1466 66th Street
Emeryville, CA 94608
(510) 547-7771 FAX: (510) 547-1983

Email: wmfrieszell@terracon.com
cc/3rd Party:
PO:
Project: R1187355; 730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-

Bill to:
Anita G. Ilsley
Terracon
1466 66th Street
Emeryville, CA 94608
anita.ilsley@rgaenv.com

Requested TAT: 5 days;

Date Received: 05/03/2018
Date Logged: 05/07/2018

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1805353-001	PCB-01 A	Solid	5/2/2018 00:00	☐	A											
1805353-002	PCB-01 B	Solid	5/2/2018 00:00	☐	A											

Test Legend:

1	8082_PCB_Solid	2		3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: TERRACON
Client Contact: William Frieszell
Contact's Email: wmfrieszell@terracon.com

Project: R1187355; 730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San Francisco, CA
Comments:

Work Order: 1805353
QC Level: LEVEL 2
Date Logged: 5/7/2018

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1805353-001A	PCB-01 A	Solid	SW8082 (PCBs Only)	1	Plastic Baggie, Extra Small	☐	5/2/2018	5 days		☐	
1805353-002A	PCB-01 B	Solid	SW8082 (PCBs Only)	1	Plastic Baggie, Extra Small	☐	5/2/2018	5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

1805353

Terracon
1466 66th Street, Emeryville, California

PCB BULK SAMPLE DATA SHEET

PCB ANALYSIS Page 1 of 1

	PM - S. Steiner Steff@rgaenv.com		PM - K. Schroeter Karin@rgaenv.com		PM - K. Pilgrim Ken@rgaenv.com
	PM - T. Kattchee Tedd@rgaenv.com	✓	PM - W. Frieszell wmfrieszell@terracon.com		

Project Name/Address	730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San Francisco, CA								
Terracon Project Number	R1187355		Sampled By	W. Frieszell / R. Caldwell		Sampling Date	May 2, 2018		
Laboratory	McCampbell	X	Other		Turn Around Time	5 Day	X	Other (Specify)	

***FAX OR E-MAIL REPORT TO: *SEE ABOVE PROJECT MANAGER (PM)* ***

PCB# 01	Material Description: Exterior Framing Sealant - Black	
Sample ID	**Sample Location & Material Location**	**Quantity:**
PCB-01 A	730 Stanyan, Exterior - Southern Side of Building at Southwestern Doorway	
PCB-01 B	730 Stanyan, Exterior - Southern Side of Building at Southwestern Window Bank	
C		
Material Location:		

PCB#	Material Description:	
Sample ID	**Sample Location & Material Location**	**Quantity:**
A		
B		
C		
Material Location:		

PCB#	Material Description:	
Sample ID	**Sample Locations**	**Quantity:**
A		
B		
C		
Material Location:		

PCB#	Material Description:	
Sample ID	**Sample Location & Material Location**	**Quantity:**
A		
B		
C		
Material Location:		

PCB#	Material Description:	
Sample ID	**Sample Location & Material Location**	**Quantity:**
A		
B		
C		
Material Location:		

	NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By:	William Frieszell	William Frieszell	Terracon Consultants	May 2, 2018
Received By:	Heidi Santos			MAY 0 2 2018
Relinquished By:				
Received By:	Agustina V.	Agustina V.	MAY	5/3/18 0947

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	**Terracon**	Date and Time Received	**5/3/2018 09:47**
Project:	**R1187355; 730 Stanyan Street, Former McDonald's Restaurant, Limited Pre-Demolition Survey, San Francisco, CA**	Date Logged:	**5/7/2018**
		Received by:	Agustina Venegas
WorkOrder №:	**1805353** Matrix: Solid	Logged by:	Agustina Venegas
Carrier:	FedEx		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐	
Chain of custody signed when relinquished and received?	Yes	☑	No	☐	
Chain of custody agrees with sample labels?	Yes	☑	No	☐	
Sample IDs noted by Client on COC?	Yes	☑	No	☐	
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐	
Sampler's name noted on COC?	Yes	☑	No	☐	
COC agrees with Quote?	Yes	☐	No	☐	NA ☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA ☑
Shipping container/cooler in good condition?	Yes	☑	No	☐	
Samples in proper containers/bottles?	Yes	☑	No	☐	
Sample containers intact?	Yes	☑	No	☐	
Sufficient sample volume for indicated test?	Yes	☑	No	☐	

Sample Preservation and Hold Time (HT) Information

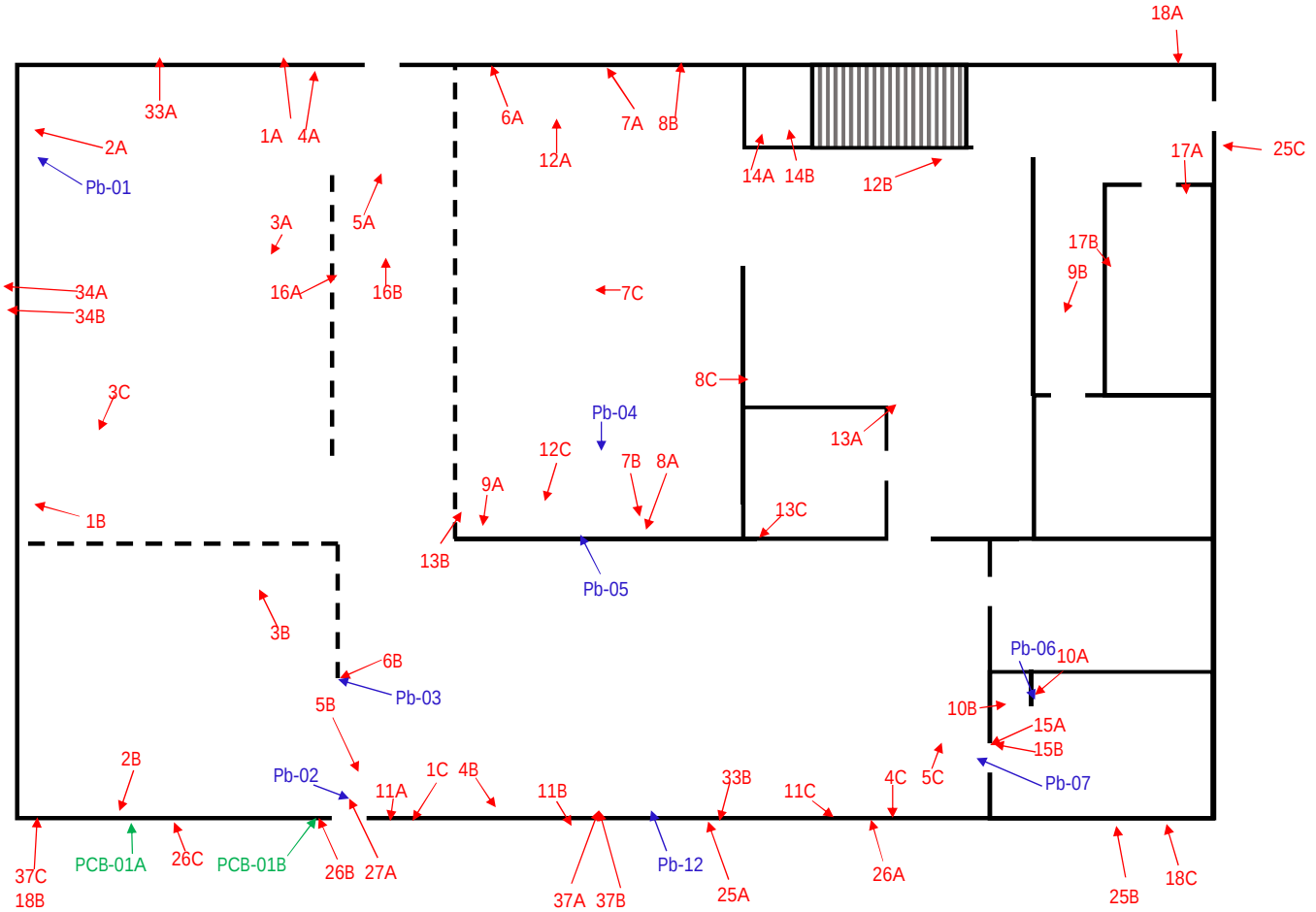
All samples received within holding time?	Yes	☑	No	☐	NA ☐
Samples Received on Ice?	Yes	☐	No	☑	
Sample/Temp Blank temperature	Temp:				NA ☑
Water - VOA vials have zero headspace / no bubbles?	Yes	☐	No	☐	NA ☑
Sample labels checked for correct preservation?	Yes	☑	No	☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes	☐	No	☐	NA ☑
UCMR Samples:					
pH tested and acceptable upon receipt (200.8: ≤2; 525.3: ≤4; 530: ≤7; 541: <3; 544: <6.5 & 7.5)?	Yes	☐	No	☐	NA ☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L)?	Yes	☐	No	☐	NA ☑

Comments:

APPENDIX E

SAMPLE LOCATION DIAGRAMS

Other Hazardous Materials
4' Ballasts: 47 Ballasts
4' Mercury Tubes: 84



N
Not to Scale

Terracon

Former McDonald's Restaurant

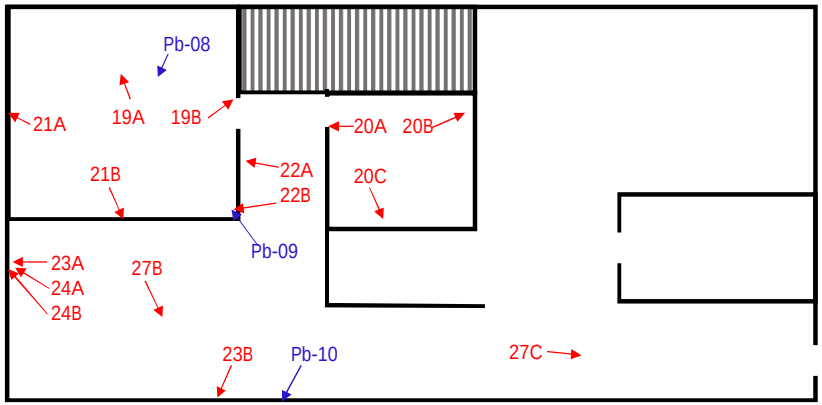
Pre-Demolition Hazardous Materials Survey

730 Stanyan Street
San Francisco, California

Date	Drafted By
May 2018	WMF
Project Number	**Checked By**
R1187355	SPS

Sheet Name
Ground Floor - Sample Location Diagram

Sheet Number
Figure 1



Other Hazardous Materials
4' Ballasts: 15
4' Mercury Tubes: 20

N
Not to Scale

Terracon

Former McDonald's Restaurant

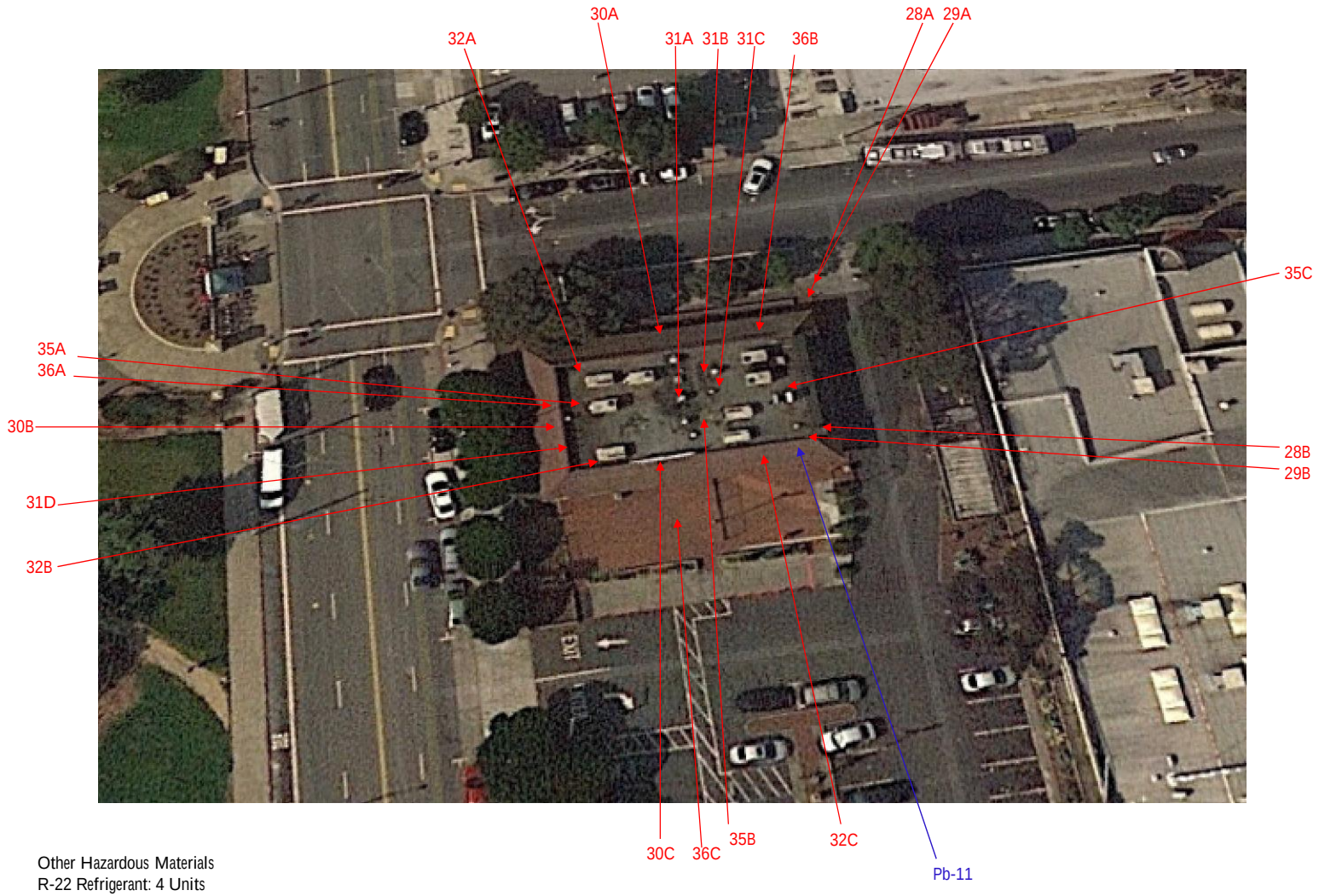
Pre-Demolition Hazardous Materials Survey

730 Stanyan Street
San Francisco, California

Date	Drafted By
May 2018	WMF
Project Number	**Checked By**
R1187355	SPS

Sheet Name
Basement - Sample Location Diagram

Sheet Number
Figure 2



Other Hazardous Materials
R-22 Refrigerant: 4 Units
Unknown Refrigerant: 4 Units
4' Ballasts: 20
4' Mercury Tubes: 40

N
Not to Scale

Terracon

Former McDonald's Restaurant

Pre-Demolition Hazardous Materials Survey

730 Stanyan Street
San Francisco, California

Date	Drafted By
May 2018	WMF
Project Number	**Checked By**
R1187355	SPS

Sheet Name
Roof - Sample Location Diagram

Sheet Number
Figure 3

APPENDIX F

LICENSES AND CERTIFICATIONS

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

William M Frieszell
Name

Certification No. **12-4853**

Expires on **02/15/19**

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

State of California Department of Public Health

Lead-Related Construction Certificate

Certificate Type

Inpsector/Assessor

Expiration Date

12/11/2018

William M. Frieszell

ID #: 23815

ABIH®

american board of industrial hygiene®

organized to improve the practice of industrial hygiene
proclaims that

William M. Frieszell

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

COMPREHENSIVE PRACTICE
of
INDUSTRIAL HYGIENE

and has the right to use the designations

CERTIFIED INDUSTRIAL HYGIENIST

CIH

Certificate Number	**10471 CP**
Awarded:	**November 27, 2013**
Expiration Date:	**June 1, 2019**

Mark B Fenn
Chair ABIH

Lynn C. O'Donnell
Executive Director ABIH

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

Remington R Caldwell
Name

Certification No. **97-2180**

Expires on **05/06/19**

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

State of California Department of Public Health

Lead-Related Construction Certificate

Certificate Type	Expiration Date
Inspector/Assessor	10/25/2018
Project Monitor	10/25/2018

Remington R. Caldwell

ID #: 15307

APPENDIX G

PHOTOGRAPHS

Photo 1 Caption: HMs 30/35 - Main Roofing Field and Parapet

Photo 2 Caption: HMs 28/29 - Clay Tile Roofing Field with Felt Layer

Photo 3 Caption: HMs 31/32 - Roof Curbing with ACM Roof Mastic

Photo 4 Caption: Main Roofing Field with ACM Roof Mastics

Photo 5 Caption: ACM Roofing Mastics on Main Roofing Field

Photo 6 Caption: HM 36 - Perimeter Roofing Field System

Photo 7 Caption: Tan Wall Covering, Perimeter Greenboard

Photo 8 Caption: HM 2 - Faux Stone Ceramic Tile System

Photo 9 Caption: HM 3 - Lay-in Ceiling Tile System

Photo 10 Caption: HMs 5/6 - Ceramic Tile Cove and Flooring Systems

Photo 11 Caption: HM 16 - Wood Paneling Adhesive

Photo 12 Caption: Ceramic Flooring System

Photo 13 Caption: HM 34 - Decorative Rock Wall Mortar

Photo 14 Caption: HM 33 - Tan wall Covering

Photo 15 Caption: Ceramic Flooring System

Photo 16 Caption: HMs 10/15 - Restroom Ceramic Tile Systems

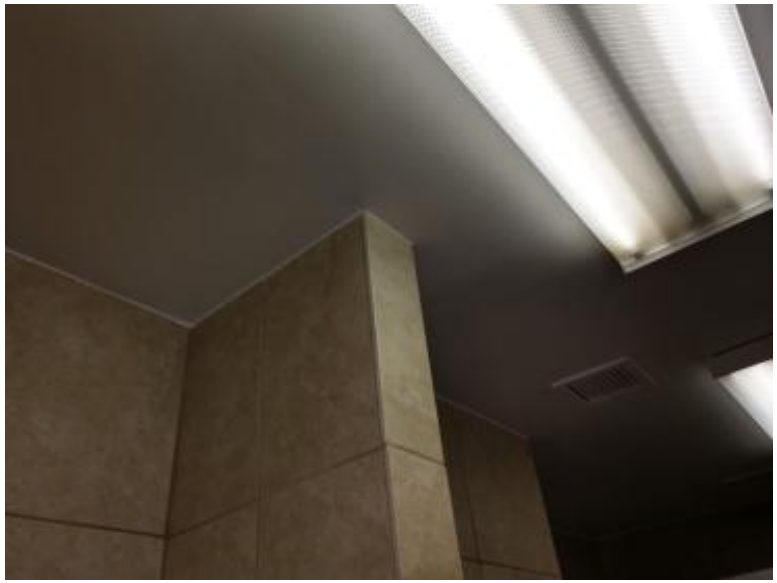


Photo 17 Caption: HM 15 - Restroom Ceramic Wall Tile

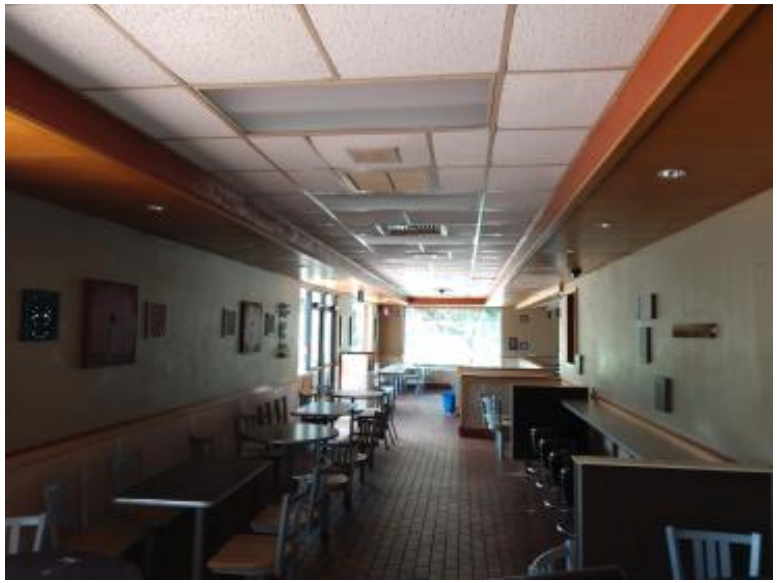


Photo 18 Caption: General Interior Conditions

Photo 19 Caption: HM 12 - 4’ Glued on Ceiling Tiles

Photo 20 Caption: General Site Conditions

Photo 21 Caption: HM 9 - 9” Ceramic Floor Tile

Photo 22 Caption: HM 7 - FRP Wainscot System

Photo 23 Caption: General Wall System

Photo 24 Caption: HM 8 - Ceramic Wall Tile System

Photo 25 Caption: Ceramic Wall Tile System

Photo 26 Caption: HM 17 - Refrigerator Foam Insulation

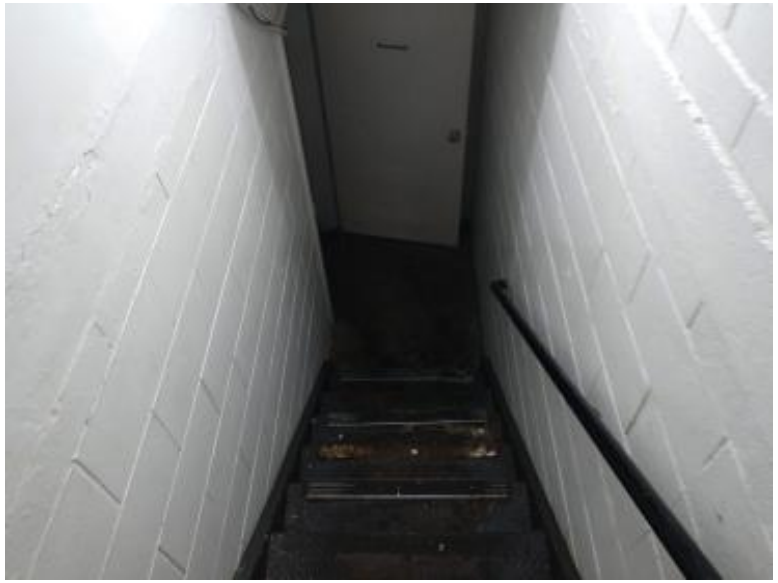


Photo 27 Caption: General Basement Level Wall Systems

Photo 28 Caption: HM 20 - Red Press on Floor Tile

Photo 29 Caption: General Basement Conditions

Photo 30 Caption: HM 19 - White Ceramic Floor Tile System

Photo 31 Caption: HMs 23/24 - Cinderblock Wall Systems

Photo 32 Caption: Basement Level Wall Systems

Photo 33 Caption: HM 13 - Drywall Wall System (ACM)

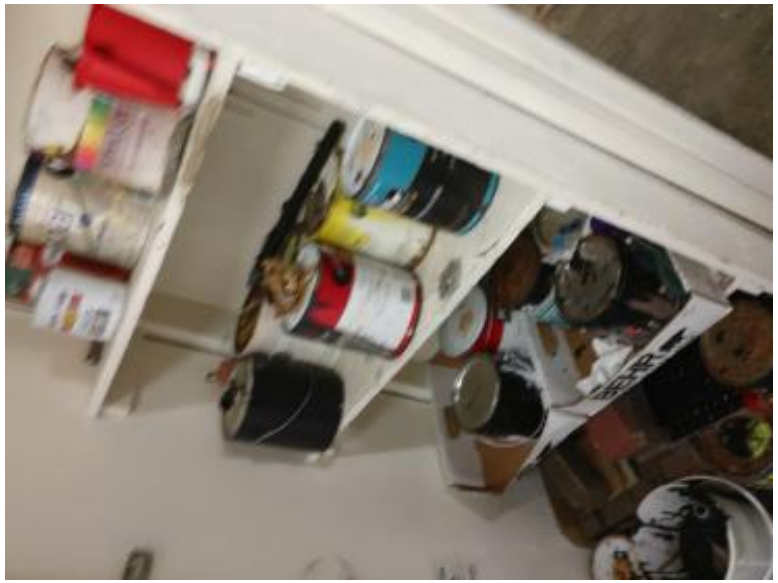


Photo 34 Caption: Abandoned Paints/Chemicals

Photo 35 Caption: Abandoned Maintenance Supplies

Photo 36 Caption: Select Universal Wastes

Photo 37 Caption: Planter Box Moisture Barrier (ACM)

Photo 38 Caption: HM 25 - Exterior ACM Eave System

Photo 39 Caption: HM 18 - Exterior Brick Wall System

Photo 40 Caption: General Exterior Conditions