

# Limited Pre-Renovation Hazardous Materials Report

Terra Linda High School Campus  
320 Nova Albion Way  
San Rafael, California

February 5, 2018

Terracon Project No. R1177466

**Prepared for:**

San Rafael City Schools  
San Rafael, California

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# Pre-Renovation Hazardous Materials Survey Report

*Terra Linda High School Campus*

*320 Nova Albion Way*

*Multiple Structures*

*San Rafael, California*

## **1. Executive Summary**

The following is a report of the limited hazardous materials pre-renovation level survey conducted by William Frieszell and Remington Caldwell, Certified Asbestos Consultants (CACs) and CDPH Certified Lead Inspector/Assessors with Terracon Consultants, Inc. (Terracon). The survey was performed between January 2-4, 2018 in multiple areas throughout the Terra Linda High School campus located 320 Nova Albion Way in San Rafael, California. The survey was performed in order to identify potential asbestos, lead, and PCB containing building components that may be impacted by the pending demolition and renovation activities scheduled to occur throughout the site.

The referenced campus consists of multiple buildings, four of which were included and sampled during the course of Terracon's survey efforts. It should be noted that the purpose of this survey was to identify materials within the affected areas that may be impacted by pending planned renovation projects scheduled to occur at the campus. Furthermore, Terra Linda High School is presently occupied and in full operation as a campus, which significantly limited the ability to perform destructive sampling during this phase of work. The structures themselves span multiple construction eras and techniques, including masonry and concrete tilt-up on concrete slab, and pre-fabricated metal buildings. The areas included in this survey are as follows:

- The Main Library Building (Including Portions of Eastern and Western Classroom Areas)
- The Classroom/Theater Building and Associated Structures
- The Cafeteria/Kitchen Building
- The Theater-Adjacent Freestanding Shed
- Exterior Common Areas

A total of eighty-eight (88) suspect asbestos containing materials (ACMs) were identified and sampled throughout the Terra Linda campus. Of the materials sampled, fourteen (14) were confirmed be positive for asbestos content upon analysis in concentrations exceeding the laboratory limit of detection. In addition, a further five (5) materials were inaccessible at the time of the survey and have been assumed to contain asbestos. Confirmed and assumed asbestos containing materials were noted to be present in multiple buildings, including the Main Library, the Classroom/Theater Building, and the Cafeteria/Kitchen Building.

Eighteen (18) painted surfaces, two (2) ceramic tile glazing compounds and five (5) bulk materials were sampled for potential lead content during the survey. Thirteen (13) of these items were found to contain lead in concentrations higher than the laboratory detection limit. Of the confirmed lead containing materials, two (2) were reported at concentrations exceeding the current regulatory

threshold of five thousand parts per million, which signifies the presence of lead based paints.

Eight (8) samples of exterior sealant compounds were sampled for potential polychlorinated biphenyl (PCB) content. PCBs were detected above the limit of detection in two (2) of the items sampled. Of the confirmed PCB containing materials, one (1) was reported in concentrations exceeding current regulatory thresholds.

## **2. Scope of Work**

The scope of the survey was as follows:

- Inspect the four (4) listed buildings of the subject school campus and limited exterior areas for the presence of suspect ACMs, lead-containing paint, polychlorinated biphenyl containing sealants and lighting ballasts as well as mercury containing light tubes.
- Collect samples of suspect ACMs following a National Emissions Standards for Hazardous Air Pollutants (NESHAPS) protocol for sample collection for a demolition survey. The extent of destructive testing was limited due to building occupancy during the 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 a written report including analytical results, regulatory requirements and conclusions.

## **3. Methods and Sampling Strategy**

### **Visual Inspection of Building Materials**

Accessible building materials on the interior and exterior of each of the four (4) listed structures were visually inspected using the methods presented in the federal Asbestos Hazard Emergency Response Act (AHERA) regulations (40 CFR, Part 763) as a guideline. AHERA was originally only applicable to schools, however State and Federal Occupational Safety and Health Administration (OSHA) and Asbestos School Hazard Abatement Reauthorization Act (ASHARA) have adopted the AHERA sampling methodology for all buildings subject to demolition or renovation.

### **Bulk Sampling of Asbestos**

Bulk samples were collected of accessible homogeneous suspect ACMs that were identified within affected areas of the subject campus. It should be noted that, due to weather events occurring during the time of Terracon's survey, the roof levels of each building were excluded from the path

of sampling.

A homogeneous material is defined as a surfacing material, thermal system insulation, or miscellaneous material that is uniform in color, texture and age of construction. Examples of homogeneous materials include:

- Pipe-insulation produced by the same manufacturer and installed during the same time period;
- Resilient flooring of identical color and pattern;
- Troweled on surfacing materials located in contiguous areas.

The survey area was visually inspected for the presence of suspect materials. As materials were identified, bulk samples were obtained with the aid of a coring device or other hand tool and placed into individual sampling bags. Each sample was given a discreet identification number and recorded on field notes as well as chain-of-custody forms. Refer to accompanying tables and appendices for details on material sample locations and results.

### **Bulk Sample Analysis - Asbestos**

Bulk samples were analyzed by EMLab P&K (EML) in Phoenix, Arizona. EML is accredited under the National Institute of Standards and Technology's National Voluntary Laboratory Accreditation Program (NVLAP).

When None Detected (ND) appears in this report, it should be interpreted as meaning no asbestos was observed in the sample material above the reliable limit of detection for the PLM method.

Note: Under EPA assessment criteria, if a single sample of a homogeneous material tests positive for asbestos, all areas of that homogeneous material are considered to be asbestos containing.

### **Bulk Sampling of Lead Paint and Suspect Bulk Materials**

Paint chip and bulk samples were collected using a hand scraper or chisel and were placed into individual plastic sampling containers. Each sample was provided a discreet sample number, which was recorded on a chain-of-custody form. The samples were transported under chain-of-custody procedures to QuanTEM Laboratories (QuanTEM) in Oklahoma City, Oklahoma. Please refer to Table III for details on sample locations and sample results. Paint chip samples were analyzed for lead content using Flame Atomic Absorption spectroscopy in accordance to EPA Method SW846-7000B. Bulk ceramic tile glazing samples were analyzed for Total Threshold Limit Concentration (TTLC) for lead by EPA Method SW-846.

### **Bulk Sampling and Analysis of Suspect PCBs**

Bulk samples 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.

#### 4. Asbestos Results

A total of eighty-eight (88) suspect asbestos containing materials (ACMs) were identified and sampled throughout the interior and exterior areas of each of the four (4) affected structures during the survey.

- Four (4) materials were identified and deemed to be associated with exterior common areas of the Terra Linda Campus
- Twenty-four (24) materials were identified within the Library Building, including limited sections of the Eastern and Western Classroom Wings
- Thirty-four (34) materials were identified within the Music/Theater Building and associated adjacent structures
- One (1) material was identified within the Theater-Adjacent Freestanding Shed
- Twenty-five (25) materials were identified within the Cafeteria/Kitchen Building

Upon laboratory analysis using polarized light microscopy techniques, a total of fourteen (14) of the materials sampled were reported to contain asbestos in concentrations exceeding the laboratory method limit of detection. These materials were collected from multiple structures, including the Main Library Building, the Music/Theater Building and the Cafeteria/Kitchen building. In addition, mostly due to restrictions associated with current campus occupancy, a further five (5) materials could not be sampled at the time of the survey and have been assumed to be asbestos containing.

- Six (6) confirmed ACMs and two (2) assumed ACMs were reported within the Main Library and Classroom Wings
- Three (3) confirmed ACMs and one (1) assumed ACM were reported within the Music/Theater building and associated restroom and storage structures
- Five (5) confirmed ACMs and two (2) assumed ACMs were reported within the Cafeteria/Kitchen building

The confirmed and assumed asbestos containing materials are listed in Table I below. It should be noted that the quantities provided below are for informational purposes only and are simple estimates based on accessible materials within the captioned structure. This document is not to be used as a contract biddable specification and all quantities should be field verified prior to final demolition.

**TABLE I**  
**ASBESTOS-CONTAINING MATERIALS**

<b>Material Description</b>	<b>General Material Locations</b>	<b>Waste Category</b>	<b>Asbestos Type</b>	<b>Estimated Quantity</b>
<b>Main Library Building</b>				
Carpet Mastic - Green with Residual Black	Material sampled within the Eastern Classroom Wing in Classroom 109 and Nursing Area 115	Cat. II	5% Chrysotile	~1,200 sf (affected)
Building Base Sealant - Grey	Material Sampled from the Library Exterior at the Building Base to Sidewalk Seam	Cat. II	2% Chrysotile	~150 lf (affected)
Storefront Window to Building Sealant - Tan	Material is Present at Storefront Windows at the Northern Exterior Area of the Library	Cat. II	<1% Chrysotile	~100 lf (affected)
Window Glazing Putty - Grey	Material is Present throughout the Eastern Exterior of the Western Classroom Ring	Cat. II	<1% Chrysotile	~50 sf (Multiple Window Frames)
Window Framing Mastic - Tan	Material is Present throughout the Eastern Exterior of the Western Classroom Ring	Cat. II	<1% Chrysotile	~80 sf (Multiple Window Frames)
Sink Undercoating Material - Black	Material Observed at Sink Area of MDF Room 314	Cat. II	<1% Chrysotile	~4 sf
Epoxy Floor Coating - Grey	Material was Observed throughout Library Building Restrooms	Cat. II	ASSUMED	~1,500 sf
Ceramic Tile Wall Systems - 4" Peach Tile with Ground and Adhering Agent	Material was Observed throughout Library Building Restrooms	Cat. II	ASSUMED	~2,200 sf
<b>Music/Theater Building</b>				
Carpet Mastic - Green	Material is Present throughout the Eastern Band Room Area	Cat. II	5% Chrysotile	~2,500 sf
Texture/Parge Coat on Concrete Wall - White	Material appears to be Limited to Eastern Band Room at East Perimeter Wall	Cat. II	<1% Chrysotile	~800 sf
Acoustical Wall Plaster System - White with Black Paint	Material appears to be Limited to the Black Box Theater Area	RACM	<1% Chrysotile	~3,000 sf
Transite Exhaust Flue	Material appears to be Limited to a Single Flue at Building Mechanical System	Cat. II	ASSUMED	~40 lf

Material Description	General Material Locations	Waste Category	Asbestos Type	Estimated Quantity
<b>Cafeteria/Kitchen Building</b>				
Thermal System Insulation - Hard Pack White 3" Elbows	Material was Observed Present on Various Pipes throughout Building Mechanical System	RACM	5% Chrysotile	~50 elbows
Thermal System Insulation - Hard Pack White 6" Elbows	Material was Observed Present on Various Pipes throughout Building Mechanical System	RACM	5% Chrysotile	~50 Elbows
Wall Plaster System - Grey with White Finish Coat	Material is Present throughout Building Wall Systems	RACM	<1% Chrysotile	~10,000 sf
Terrazzo Flooring System - Pink with Mortar Layer	Material is Present in Multiple Areas throughout Building Interior and Exterior Spaces	Cat. II	<1% Chrysotile	~3,000 sf
Metal to Concrete Framing Sealant - White	Material is Present throughout Multiple Building Entry Way Frames	Cat. II	4% Chrysotile	200 sf (Multiple Door Frames)
Flange Gasket Materials	Material was Observed Present on Various Pipes throughout Building Mechanical System	Cat. I	ASSUMED	~30 gaskets
Boiler Interior Insulation Materials	Material appears Limited to a Single Boiler Unit in the Building Mechanical Room	RACM	ASSUMED	1 boiler

NA = Not Applicable, lf = linear feet, sf = square feet, 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)

Sixty-nine (69) suspect materials were sampled throughout the Terra Linda High School campus, but were not reported to contain asbestos in detectable quantities during the survey. The non-asbestos containing materials and sampling locations are listed in Table II below.

**TABLE II  
NON-ASBESTOS CONTAINING MATERIALS**

Sample Number	Material Description	Sample Location
<b>Main Library Building</b>		
1A	Drywall Texturing Material - "Orange Peel" Style	Library Building, Interior - Storage Closet Area E6 At Entry Way



<b>Sample Number</b>	<b>Material Description</b>	<b>Sample Location</b>
1B	Drywall Texturing Material - "Orange Peel" Style	Library Building, Interior - Main Library Room E8 At Northwestern Corner
1C	Drywall Texturing Material - "Orange Peel" Style	Library Building, Interior - Main Library Room E8 At Eastern Column
1D	Drywall Texturing Material - "Orange Peel" Style	Library Building, Interior - Computer Lab Area E3 At Southwestern Corner
1E	Drywall Texturing Material - "Orange Peel" Style	Library Building, Interior - Main Corridor Area E1 At Library Entrance Way
1F	Drywall Texturing Material - "Orange Peel" Style	Library Building, Interior - Southern Break Room Area E11 At Southeastern Corner
1G	Drywall Texturing Material - "Orange Peel" Style	Library Building, Interior - Southern Break Room Area E11 At Northern Wall
2A	Drywall and Joint Compound	Library Building, Interior - Storage Closet Area E6 At Northwestern Corner
2B	Drywall and Joint Compound	Library Building, Interior - Main Library Room E8 At Eastern Column
2C	Drywall and Joint Compound	Library Building, Interior - Computer Lab Area E3 At Southwestern Corner
2D	Drywall and Joint Compound	Library Building, Interior - Southern Break Room Area E11 At Southeastern Corner
2E	Drywall and Joint Compound	Library Building, Interior - Main Library Room E8 At Northeastern Corner
3A	Cove Base Adhesive - White On 4" Grey Cove	Library Building, Interior - Storage Closet Area E6 At Northwestern Corner
3B	Cove Base Adhesive - White On 4" Grey Cove	Western Classroom Building, Interior - Classroom Area 310 At Northern Side
3C	Cove Base Adhesive - White On 4" Grey Cove	Eastern Classroom Building, Interior - Classroom Area 109 At Southwestern Corner
4A	Carpet Mastic - Yellow	Library Building, Interior - Conference Room Area E7 At Northeastern Corner
4B	Carpet Mastic - Yellow	Library Building, Interior - Main Library Room E8 At Northeastern Corner

<b>Sample Number</b>	<b>Material Description</b>	<b>Sample Location</b>
4C	Carpet Mastic - Yellow	Eastern Classroom Building, Interior - Nursing Room Area 115 At Approximate Center
5A	Floor Tile - 12" White with Tan Flecks and Yellow Mastic	Library Building, Interior - Storage Closet Area E6 At Northwestern Corner
5B	Floor Tile - 12" White with Tan Flecks and Yellow Mastic	Western Classroom Building, Interior - Classroom Area 310 At Northern Side
5C	Floor Tile - 12" White with Tan Flecks and Yellow Mastic	Library Building, Interior - Southern Break Room Area E11 At Northeastern Corner
6A	Ceiling Tile - 2'x2' White Lay-In System, Rough	Library Building, Interior - Conference Room Area E7 At Approximate Center
6B	Ceiling Tile - 2'x2' White Lay-In System, Rough	Western Classroom Building, Interior - Classroom Area 310 At Approximate Center
6C	Ceiling Tile - 2'x2' White Lay-In System, Rough	Eastern Classroom Building, Interior - Nursing Area 115 At Approximate Center
7A	Wall Treatment System - Purple Wall Covering with Adhesive	Library Building, Interior - Conference Room Area E7 At Northern Wall
7B	Wall Treatment System - Purple Wall Covering with Adhesive	Western Classroom Building, Interior - Classroom Area 312 At Northwestern Corner
7C	Wall Treatment System - Purple Wall Covering with Adhesive	Library Building, Interior - Main Library Room E8 At Northeastern Corner
8A	Floor Tile-12" White with Tan Flecks and Black Mastic	Eastern Classroom Building, Interior - Classroom Area 111 At Northwestern Corner
8B	Floor Tile-12" White with Tan Flecks and Black Mastic	Eastern Classroom Building, Interior - Classroom Area 111 At Southwestern Corner
8C	Floor Tile-12" White with Tan Flecks and Black Mastic	Eastern Classroom Building, Interior - Classroom Area 111 At Northeastern Corner
10A	Sink Undercoating Material - Grey	Eastern Classroom Building, Interior - Nursing Room Area 113 At Sink Counter
10B	Sink Undercoating Material - Grey	Eastern Classroom Building, Interior - Nursing Room Area 113 At Sink Counter
10C	Sink Undercoating Material - Grey	Library Building, Interior - Southern Break Room Area E11 At Eastern Side

<b>Sample Number</b>	<b>Material Description</b>	<b>Sample Location</b>
11A	Building Concrete Materials	Library Building, Interior - Southern Break Room Area E11 At Eastern Side
11B	Building Concrete Materials	Library Building, Interior - Main Library Room E8 At Northwestern Foundation Slab
11C	Building Concrete Materials	Library Building, Exterior - Southern Side of Building at Entry Way
12A	Window Framing Sealant - Grey	Library Building, Exterior - Main Library E8 At Northwestern Glass Frame
12B	Window Framing Sealant - Grey	Library Building, Exterior - Main Library E8 At Northeastern Glass Frame
14A	Enamel Coating on Steel Window Panels - Grey/Beige	Library Building, Exterior - Main Library E8 At Northwestern Glass Frame
15A	Exterior Paint - Textured Elastomeric	Library Building, Exterior - Southern Side of Building at Entry Way
15B	Exterior Paint - Textured Elastomeric	Library Building, Exterior - Main Library E8 At Northwestern Exterior Wall
15C	Exterior Paint - Textured Elastomeric	Western Classroom Building, Exterior - Western Wing Exterior at Eastern Wall
18A	Window Framing Mastic - White	Eastern Classroom Building, Exterior - Eastern Wing Exterior at Northwestern Window Assembly
18B	Window Framing Mastic - White	Eastern Classroom Building, Exterior - Eastern Wing Exterior at Western Window Assembly
22A	Granite Style Paint - Grey	Library Building, Interior - Southern Corridor Area E1 At Southern Wall
22B	Granite Style Paint - Grey	Eastern Classroom Building, Interior - Central Corridor Area 100 At Eastern Wall
23A	Floor Tile - 12" White with Black Speckles and Yellow Mastic	Western Classroom Building, Interior - MDF Room 314 At Southeast Corner
23B	Floor Tile - 12" White with Black Speckles and Yellow Mastic	Western Classroom Building, Interior - MDF Room 314 At Eastern Side
23C	Floor Tile - 12" White with Black Speckles and Yellow Mastic	Western Classroom Building, Interior - MDF Room 314 At Western Entry Way

Sample Number	Material Description	Sample Location
<b>Music/Theater Building</b>		
25A	Drywall and Joint Compound - Music/Theater Southeast Connector	Music/Theater Southeastern Connector, Interior - Northeastern Corner of Building
25B	Drywall and Joint Compound - Music/Theater Southeast Connector	Music/Theater Southeastern Connector, Interior - Southwestern Corner of Building
25C	Drywall and Joint Compound - Music/Theater Southeast Connector	Music/Theater Southeastern Connector, Interior - Southeastern Corner of Building
26A	Exterior Stucco Wall System - Grey (Music/Theater Southeast Connector)	Music/Theater Southeastern Connector, Exterior - Northwestern Corner of Building
26B	Exterior Stucco Wall System - Grey (Music/Theater Southeast Connector)	Music/Theater Southeastern Connector, Exterior - Western Side of Building (Inside)
26C	Exterior Stucco Wall System - Grey (Music/Theater Southeast Connector)	Music/Theater Building, Exterior - Southeastern Corner of Building
27A	Exterior Connector Seam Sealant - Grey	Music/Theater Southeastern Connector, Exterior - Northwestern Corner of Building
27B	Exterior Connector Seam Sealant - Grey	Music/Theater Southeastern Connector, Exterior - Southwestern Corner of Building
29A	Cove Base Adhesive - Tan On 4" Blue Cove	Music Theater Building, Interior -Eastern Band Room Area at Southeastern Corner
29B	Cove Base Adhesive - Tan On 4" Blue Cove	Music/Theater Building, Interior - Southern Central Band Room Office Area at Southeastern Corner
30A	Interior Plaster Wall System - Grey with Tan Smooth Coat	Music/Theater Building, Interior -Eastern Band Room Area at Southeastern Corner Column
30B	Interior Plaster Wall System - Grey with Tan Smooth Coat	Music/Theater Building, Interior - Northeastern Band Room Office Area at Western Wall
30C	Interior Plaster Wall System - Grey with Tan Smooth Coat	Music/Theater Building, Interior - Northern Sheet Music Storage Library at Eastern Wall
30D	Interior Plaster Wall System - Grey with Tan Smooth Coat	Music/Theater Building, Interior - Northwestern ASB Club Area at Northeastern Corner
30E	Interior Plaster Wall System - Grey with Tan Smooth Coat	Music/Theater Building, Interior - Northwestern ASB Club Area at Southwestern Corner

<b>Sample Number</b>	<b>Material Description</b>	<b>Sample Location</b>
30F	Interior Plaster Wall System - Grey with Tan Smooth Coat	Music/Theater Building, Interior - Northern Drama Club Area at Southwestern Corner
30G	Interior Plaster Wall System - Grey with Tan Smooth Coat	Music/Theater Building, Interior - Central Sink Counter Storage Room at Southwestern Corner
31A	Acoustical Wall Treatment Adhesive - White	Music/Theater Building, Interior -Eastern Band Room Area at Western Entry Way
31B	Acoustical Wall Treatment Adhesive - White	Music/Theater Building, Interior -Eastern Band Room Area at Western Entry Way
32A	Ceiling Tile - 2'x4' White Lay-In System, Pinhole/Fissure Pattern	Music/Theater Building, Interior - Northwestern Band Room Office Area at Southwest Chase
32B	Ceiling Tile - 2'x4' White Lay-In System, Pinhole/Fissure Pattern	Music/Theater Building, Interior - Northwestern Band Room Office Area at Southwest Chase
33A	Drywall and Joint Compound - Smooth	Music/Theater Building, Interior - 3rd From West Storage Corridor at Southwestern Corner
33B	Drywall and Joint Compound - Smooth	Music/Theater Building, Interior - Southern Central Band Room Office Area at Southeastern Corner
33C	Drywall and Joint Compound - Smooth	Music/Theater Building, Interior -Eastern Band Room Area at Northwestern Office Entry Way
34A	Drywall Texturing Material - "Orange Peel" Style	Music/Theater Building, Interior - Men's Restroom Area at Northern Wall
34B	Drywall Texturing Material - "Orange Peel" Style	Music/Theater Building, Interior - Men's Restroom Area at Southern Wall
34C	Drywall Texturing Material - "Orange Peel" Style	Music/Theater Building, Interior - Women's Restroom Area at Eastern Wall
35A	Drywall and Joint Compound - Textured	Music/Theater Building, Interior - Men's Restroom Area at Northern Entry Way
35B	Drywall and Joint Compound - Textured	Music/Theater Building, Interior - Women's Restroom Area at Northern Entry Way
36A	Wainscot Adhesive - Orange on White FRP Paneling	Music/Theater Building, Interior - Men's Restroom Area at Northern Entry Way
36B	Wainscot Adhesive - Orange on White FRP Paneling	Music/Theater Building, Interior - Women's Restroom Area at Northern Entry Way

<b>Sample Number</b>	<b>Material Description</b>	<b>Sample Location</b>
38A	Ceiling Tile - 1'x1' White, Rough Texture with Tan Adhesive	Music/Theater Building, Interior - Southwestern Theater Control Room at Northern Side
38B	Ceiling Tile - 1'x1' White, Rough Texture with Tan Adhesive	Music/Theater Building, Interior - Southwestern Theater Control Room at Southern Side
38C	Ceiling Tile - 1'x1' White, Rough Texture with Tan Adhesive	Music/Theater Building, Interior - Southwestern Band Practice Room at Approximate Center
40A	Sheet Flooring System - Pale Blue Pebble Pattern with Black Felt Layer	Music/Theater Building, Interior - Men's Restroom Area at Northern Entry Way
40B	Sheet Flooring System - Pale Blue Pebble Pattern with Black Felt Layer	Music/Theater Building, Interior - Women's Restroom Area at Northern Entry Way
41A	Floor Tile - 12" Dark Grey with Grey Flecks and Black Mastic	Music/Theater Building, Interior - Southwestern Black Box Theater Area at Southeastern Corner
41B	Floor Tile - 12" Dark Grey with Grey Flecks and Black Mastic	Music/Theater Building, Interior - Southwestern Black Box Theater Storage Area at Entry Way
41C	Floor Tile - 12" Dark Grey with Grey Flecks and Black Mastic	Music/Theater Building, Interior - Southwestern Theater Control Room at Northern Side
42A	Floor Tile - 12" Light Grey with Grey Flecks and Black Mastic	Music/Theater Building, Interior - Western Storage Corridor at Southern Entry Way
42B	Floor Tile - 12" Light Grey with Grey Flecks and Black Mastic	Music/Theater Building, Interior - Central Storage Corridor at Northern Entry Way
42C	Floor Tile - 12" Light Grey with Grey Flecks and Black Mastic	Music/Theater Building, Interior - Eastern Storage Corridor at Northern Entry Way
43A	Floor Tile - 12" Blue with Yellow Mastic	Music/Theater Building, Interior - Northwestern ASB Club Area at Northwestern Corner
43B	Floor Tile - 12" Blue with Yellow Mastic	Music/Theater Building, Interior - Northern ASB Club Storage Area at Northeastern Corner
43C	Floor Tile - 12" Blue with Yellow Mastic	Music/Theater Building, Interior - Northern Drama Club Area at Eastern Side
44A	Floor Tile - 12" White with Tan Flecks and Black Mastic	Music/Theater Building, Interior - Restroom Corridor Area at Western Entry Way
44B	Floor Tile - 12" White with Tan Flecks and Black Mastic	Music/Theater Building, Interior - Restroom Corridor Area at Southeastern Corner

<b>Sample Number</b>	<b>Material Description</b>	<b>Sample Location</b>
45A	Drywall and Joint Compound	Music/Theater Unisex Restroom Building, Interior - Western Restroom at Southeastern Corner
45B	Drywall and Joint Compound	Music/Theater Unisex Restroom Building, Interior - Eastern Restroom at Southwestern Corner
46A	Ceramic Wall Tile System - 4" Peach Tile with Grout and Mortar	Music/Theater Unisex Restroom Building, Interior - Western Restroom at Eastern Wall
46B	Ceramic Wall Tile System - 4" Peach Tile with Grout and Mortar	Music/Theater Unisex Restroom Building, Interior - Eastern Restroom at Western Wall
47A	Ceramic Floor System - 1" Grey Tile with Grout and Mortar	Music/Theater Unisex Restroom Building, Interior - Western Restroom at Southern Entry Way
47B	Ceramic Floor System - 1" Grey Tile with Grout and Mortar	Music/Theater Unisex Restroom Building, Interior - Western Restroom at Southern Entry Way
48A	Building Concrete Materials	Music/Theater Southeastern Connector, Interior - Approximate Center at Slab
48B	Building Concrete Materials	Music/Theater Building, Exterior - Southeastern Corner of Building at Perimeter Column
48C	Building Concrete Materials	Music/Theater Building, Exterior - Eastern Side of Building at Perimeter Wall System
48D	Building Concrete Materials	Music/Theater Corner Storage Building, Exterior - Southwestern Corner of Building
48E	Building Concrete Materials	Music/Theater Unisex Restroom Building, Exterior - Southeastern Corner of Building
49A	Rough Textured Elastomeric Paint - Beige	Music/Theater Unisex Restroom Building, Exterior - Southern Perimeter Wall at Western Side
49B	Rough Textured Elastomeric Paint - Beige	Music/Theater Unisex Restroom Building, Exterior - Southern Perimeter Wall at Approximate Center
49C	Rough Textured Elastomeric Paint - Beige	Music/Theater Unisex Restroom Building, Exterior - Southern Perimeter Wall at Eastern Side
51A	Pipe End Cap Sealant - White	Music/Theater Building, Interior - Southeastern Mechanical Room at Northern Side
51B	Pipe End Cap Sealant - White	Music/Theater Building, Interior - Southeastern Mechanical Room at Eastern Side

<b>Sample Number</b>	<b>Material Description</b>	<b>Sample Location</b>
51C	Pipe End Cap Sealant - White	Music/Theater Building, Interior - Southeastern Mechanical Room at Southern Side
52A	Ceiling Tile - 1'x1' Black Staple-In System, Pinhole/Fissure	Music/Theater Building, Interior - Southwestern Black Box Theater Area at Northern Side
52B	Ceiling Tile - 1'x1' Black Staple-In System, Pinhole/Fissure	Music/Theater Building, Interior - Southwestern Black Box Theater Area at Southern Side
53A	HVAC Vibration Dampening Cloth - Grey	Music/Theater Building, Interior - Southeastern Mechanical Room at Western Side
53B	HVAC Vibration Dampening Cloth - Grey	Music/Theater Building, Interior - Southeastern Mechanical Room at Western Side
54A	HVAC Ducting Insulation - Grey Cloth on Fiberglass	Music/Theater Building, Interior - Southeastern Mechanical Room at Western Side
54B	HVAC Ducting Insulation - Grey Cloth on Fiberglass	Music/Theater Building, Interior - Southeastern Mechanical Room at Southwestern Side
54C	HVAC Ducting Insulation - Grey Cloth on Fiberglass	Music/Theater Building, Interior - Southeastern Mechanical Room at Southwestern Side
55A	Window Glazing Putty - Grey	Music/Theater Building, Exterior - Northwestern Corner of Building at Window Assembly
55B	Window Glazing Putty - Grey	Music/Theater Building, Exterior - Northern Perimeter of Building at Window Assembly
55C	Window Glazing Putty - Grey	Music/Theater Building, Exterior - Northeastern Corner of Building at Window Assembly
56A	Exterior Elastomeric Paint - Beige	Music/Theater Building, Exterior - Northwestern Corner of Building at Window Assembly
56B	Exterior Elastomeric Paint - Beige	Music/Theater Building, Exterior - Northern Perimeter of Building at Window Assembly
56C	Exterior Elastomeric Paint - Beige	Music/Theater Building, Exterior - Northeastern Corner of Building at Window Assembly
57A	Window Glazing Putty - White Patch	Music/Theater Building, Exterior - Northern Perimeter of Building at West Window Assembly
57B	Window Glazing Putty - White Patch	Music/Theater Building, Exterior - Northern Perimeter of Building at West Window Assembly



<b>Sample Number</b>	<b>Material Description</b>	<b>Sample Location</b>
58A	Sink Undercoating - Grey	Music/Theater Building, Interior - Central Sink Counter Storage Room at Western Sink
58B	Sink Undercoating - Grey	Music/Theater Building, Interior - Central Sink Counter Storage Room at Western Sink
<b>Theater Adjacent Freestanding Shed</b>		
59A	Sheet Metal Wall Sealant - Grey	Freestanding Shed Structure, Interior - Southern Perimeter Wall at Approximate Center
59B	Sheet Metal Wall Sealant - Grey	Freestanding Shed Structure, Exterior - Northeastern Corner of Building
<b>Exterior Common Areas</b>		
60A	Asphaltic Paving Material - Black	Freestanding Shed Structure, Interior - Approximate Center of Shed Floor
60B	Asphaltic Paving Material - Black	Freestanding Shed Structure, Exterior - Southeastern Corner of Building
60C	Asphaltic Paving Material - Black	Music/Theater Building, Exterior - Southwestern Corner of Building
60D	Asphaltic Paving Material - Black	Music/Theater Building, Exterior - Southern Side of Building at Electrical Transformer
60E	Asphaltic Paving Material - Black	Music/Theater Building, Exterior - Southeastern Corner of Building at Connector
60F	Asphaltic Paving Material - Black	Cafeteria/Kitchen Building, Exterior - Northern Side of Building at Driveway
60G	Asphaltic Paving Material - Black	Cafeteria/Kitchen Building, Exterior - Northeastern Side of Building at Employee Parking
61A	Concrete Paving Material - Red Tinge	Exterior Amphitheater Area
61B	Concrete Paving Material - Red Tinge	Exterior Amphitheater Area
61C	Concrete Paving Material - Red Tinge	Music/Theater Building, Exterior - Northern Side of Building at Electrical Transformer

Sample Number	Material Description	Sample Location
62A	Concrete Patch Material - Grey	Exterior Amphitheater Area
62B	Concrete Patch Material - Grey	Exterior Amphitheater Area
63A	Concrete Patch Material - Beige	Exterior Amphitheater Area
63B	Concrete Patch Material - Beige	Exterior Amphitheater Area
<b>Cafeteria/Kitchen Building</b>		
64A	Drywall Texturing Material - "Orange Peel" Style	Cafeteria/Kitchen Building, Interior - Northwestern File Storage Room at Southeast Corner
64B	Drywall Texturing Material - "Orange Peel" Style	Cafeteria/Kitchen Building, Interior - Northwestern Women's Restroom at Northeast Corner
64C	Drywall Texturing Material - "Orange Peel" Style	Cafeteria/Kitchen Building, Interior - Main Cafeteria Area, Northern Wall at Western Side
64D	Drywall Texturing Material - "Orange Peel" Style	Cafeteria/Kitchen Building, Interior - Main Cafeteria Area, Northern Wall at Approximate Center
64E	Drywall Texturing Material - "Orange Peel" Style	Cafeteria/Kitchen Building, Interior - Main Cafeteria Area, Northern Wall at Eastern Side
65A	Drywall and Joint Compound - Textured	Cafeteria/Kitchen Building, Interior - Northwestern File Storage Room at Southeast Corner
65B	Drywall and Joint Compound - Textured	Cafeteria/Kitchen Building, Interior - Northwestern Women's Restroom at Northeast Corner
65C	Drywall and Joint Compound - Textured	Cafeteria/Kitchen Building, Interior - Main Cafeteria Area, Northern Wall at Approximate Center
66A	Floor Tile - 12" White with Tan Flecks and Yellow Mastic	Cafeteria/Kitchen Building, Interior - Northwestern File Storage Room at Western Side
67A	Cove Base Adhesive - White On 4" Grey/Black Cove	Cafeteria/Kitchen Building, Interior - Northwestern File Storage Room at Southern Wall
67B	Cove Base Adhesive - White On 4" Grey/Black Cove	Cafeteria/Kitchen Building, Interior - Northern Teacher's Lounge at Northwestern Corner

<b>Sample Number</b>	<b>Material Description</b>	<b>Sample Location</b>
68A	Sheet Flooring System - Blue Pebble Pattern with Yellow Mastic	Cafeteria/Kitchen Building, Interior - Northern Teacher's Lounge at Northeastern Corner
68B	Sheet Flooring System - Blue Pebble Pattern with Yellow Mastic	Cafeteria/Kitchen Building, Interior - Northern Teacher's Lounge at Southwestern Corner
68C	Sheet Flooring System - Blue Pebble Pattern with Yellow Mastic	Cafeteria/Kitchen Building, Interior - Northwestern Men's Restroom at South Entry Way
69A	Ceiling Tile - 2'x4' White Lay-In System, Hard Gypsum	Cafeteria/Kitchen Building, Interior - Northern Teacher's Lounge at Southwestern Corner
69B	Ceiling Tile - 2'x4' White Lay-In System, Hard Gypsum	Cafeteria/Kitchen Building, Interior - Northern Teacher's Lounge at Northeastern Corner
70A	Wainscot Adhesive - Orange on White FRP Paneling	Cafeteria/Kitchen Building, Interior - Northwestern Men's Restroom at South Entry Way
70B	Wainscot Adhesive - Orange on White FRP Paneling	Cafeteria/Kitchen Building, Interior - Northwestern Women's Restroom at South Entry Way
70C	Wainscot Adhesive - Orange on White FRP Paneling	Cafeteria/Kitchen Building, Interior - Northwestern Women's Restroom at Northern Wall
71A	Wall Treatment System - Purple Covering with Adhesive	Cafeteria/Kitchen Building, Interior
71B	Wall Treatment System - Purple Covering with Adhesive	Cafeteria/Kitchen Building, Interior
71C	Wall Treatment System - Purple Covering with Adhesive	Cafeteria/Kitchen Building, Interior - Northern Teacher's Lounge at Northwestern Corner
74A	Cove Base Adhesive - Tan On 6" Black Cove	Cafeteria/Kitchen Building, Interior - Northwestern Women's Restroom at Western Hall
74B	Cove Base Adhesive - Tan On 6" Black Cove	Cafeteria/Kitchen Building, Interior - Northwestern Men's Restroom at Southern Wall
76A	Thermal System Insulation - Hard Pack White On 3" Runs/Risers	Cafeteria/Kitchen Building, Interior - Northern Mechanical Room at Equipment Assembly
76B	Thermal System Insulation - Hard Pack White On 3" Runs/Risers	Cafeteria/Kitchen Building, Interior - Northern Mechanical Room at Equipment Assembly
78A	Thermal System Insulation - Hard Pack White On 6" Runs/Risers	Cafeteria/Kitchen Building, Interior - Eastern Mechanical Room at Equipment Assembly

<b>Sample Number</b>	<b>Material Description</b>	<b>Sample Location</b>
78B	Thermal System Insulation - Hard Pack White On 6" Runs/Risers	Cafeteria/Kitchen Building, Interior -Eastern Mechanical Room at Equipment Assembly
79A	Drywall and Joint Compound - Papered	Cafeteria/Kitchen Building, Interior - Northern Teacher's Lounge at Northwestern Corner
79B	Drywall and Joint Compound - Papered	Cafeteria/Kitchen Building, Interior - Northwestern Exit Corridor at Southwestern Wall
82A	Building Concrete Materials	Cafeteria/Kitchen Building, Interior - Northern Mechanical Room at Northern Perimeter Wall
82B	Building Concrete Materials	Cafeteria/Kitchen Building, Exterior - Southwestern Side of Building at Southern Perimeter Column
82C	Building Concrete Materials	Cafeteria/Kitchen Building, Interior -Eastern Mechanical Room at Eastern Entry Way Slab
83A	Building Base/Pavement Seam Sealant - Light Grey	Cafeteria/Kitchen Building, Exterior - Southwestern Corner of Building at Building Base
83B	Building Base/Pavement Seam Sealant - Light Grey	Cafeteria/Kitchen Building, Exterior - Western Side of Building at Main Walkway Area
84A	Exterior Elastomeric Paint - Beige	Cafeteria/Kitchen Building, Exterior - Northeastern Side of Building at Perimeter Wall
84B	Exterior Elastomeric Paint - Beige	Cafeteria/Kitchen Building, Exterior - South Southeastern Corner of Building at Office Perimeter
84C	Exterior Elastomeric Paint - Beige	Cafeteria/Kitchen Building, Exterior - Southwestern Corner of Building
85A	Window Glazing Putty - Grey	Cafeteria/Kitchen Building, Exterior - North Northeastern Side of Building at Window Assembly
85B	Window Glazing Putty - Grey	Cafeteria/Kitchen Building, Exterior - Southwestern Corner of Building at Window Assembly
85C	Window Glazing Putty - Grey	Cafeteria/Kitchen Building, Exterior - Southern Central Side of Building at Window Assembly
87A	Metal to Concrete Framing Sealant - Grey	Cafeteria/Kitchen Building, Exterior - Northeastern Side of Building at Teachers' Lounge Entry Way
87B	Metal to Concrete Framing Sealant - Grey	Cafeteria/Kitchen Building, Exterior - Northeastern Side of Building at Teacher's Lounge Entry Way

Sample Number	Material Description	Sample Location
88A	CMU Block System - Red Block with Grey Mortar	Cafeteria/Kitchen Building, Exterior - Northeastern Cafeteria Courtyard at Northern Wall
88B	CMU Block System - Red Block with Grey Mortar	Cafeteria/Kitchen Building, Exterior - Northeastern Cafeteria Courtyard at Eastern Wall

It should be noted that each of the structures listed was still fully occupied and operational at the time of the survey, which prevented full destructive sampling techniques. As such, it is possible that additional materials, including but not limited to, abandoned mechanical systems, subsurface vapor barrier systems, window framing rough in mastic, and various others may be present behind or beneath finishes that could not be selectively demolished during the survey. Only the materials specifically mentioned in this report have been identified and sampled by Terracon. Any other material discovered during the course of construction activities should be assumed to contain asbestos and treated accordingly until proven otherwise through appropriate sampling and analytical techniques. Allowances for the discovery of these materials should be considered during project budgeting.

## 5. Lead Results

Eighteen (18) painted surfaces, two (2) ceramic tile glazing compounds and five (5) bulk materials were sampled for potential lead content during the survey. Thirteen (13) of these items were found to contain lead in concentrations higher than the laboratory detection limit. Of the confirmed lead containing materials, two (2) were reported at concentrations exceeding the current regulatory threshold of five thousand parts per million, which signifies the presence of lead based paints. The laboratory results for lead testing are summarized in Table III below.

**TABLE III**  
**LEAD SAMPLE RESULTS**

Sample Number	Material Description and Location	Results mg/kg (ppm)
<b>Main Library Building</b>		
Pb-01	Red Paint on Steel Support Beam at Main Library 1 <sup>st</sup> Floor in Room E8	1,500
Pb-02	Beige Paint on Drywall Wall System at Main Library 1 <sup>st</sup> Floor in Storage Room E6	ND<49.1
Pb-03	Grey Building Base Seam Sealant at Main Library Exterior at Northern E8 Wall	1,730

<b>Sample Number</b>	<b>Material Description and Location</b>	<b>Results mg/kg (ppm)</b>
Pb-04	Grey Putty Window Glazing at Western Classroom Building Exterior at Eastern Wall	264
Pb-05	Blue Paint on Concrete Wall System at Main Library Exterior at Northern Wall	724
Pb-06	Beige Paint on Concrete Wall System at Main Library Exterior at Northern Wall	1,840
Pb-07	Grey Granite Textured Paint on Wood Wall Paneling at Main Library 1 <sup>st</sup> Floor in Corridor E1	ND<48.9
<b>Music/Theater Building</b>		
Pb-08	White Paint on Concrete Wall System in Music/Theater Building at Northern Drama Room Wall	977
Pb-09	Peach Glazing Compound on 4" Ceramic Wall Tile in Music/Theater Building Detached Unisex Restroom	ND<49.5
Pb-10	Grey Glazing Compound on 1" Ceramic Wall Tile in Music/Theater Building Detached Unisex Restroom	ND<49.5
Pb-11	Beige Paint on Concrete Wall System at Music/Theater Building Exterior Northeastern Side	77.5
Pb-12	Blue Paint on Concrete Wall System at Music/Theater Building Exterior Northeastern Side	ND<49.8
Pb-13	Grey Putty Window Glazing at Music/Theater Building Exterior Northeastern Side	ND<49.5
Pb-14	White Putty Window Glazing at Music/Theater Building Exterior Northwestern Side	ND<50.0
Pb-15	Beige Paint on Metal Overhang Support Column at Music/Theater Building Exterior Northern Side	23,000
<b>Exterior Common Areas</b>		
Pb-16	Blue Paint on Concrete Paving Material at Main Amphitheater Area Northern Side	ND<49.8
Pb-17	Red Paint on Concrete Paving Material at Main Amphitheater Area Northern Side	ND<49.6
<b>Theater Adjacent Freestanding Shed</b>		
Pb-18	Beige Paint on Metal Wall System at Shed Exterior Southeastern Corner	ND<49.8

Sample Number	Material Description and Location	Results mg/kg (ppm)
Pb-19	Red Paint on Metal Door System at Shed Exterior Southern Doorway	2,330
<b>Cafeteria/Kitchen Area</b>		
Pb-20	Beige Paint on Concrete Wall System at Cafeteria/Kitchen Interior Northwestern File Storage Area	595
Pb-21	White Paint on Plaster Wall System at Cafeteria/Kitchen Central Refrigerated Storage Room	1,790
Pb-22	Beige Paint on Concrete Wall System at Cafeteria/Kitchen Exterior Northeastern Corner	5,020
Pb-23	Blue Paint on Concrete Wall System at Cafeteria/Kitchen Exterior Northeastern Corner	ND<49.6
Pb-24	Grey Putty Window Glazing Cafeteria/Kitchen Exterior Southwestern Corner	ND<50.0
Pb-25	White Sealant on Concrete/Metal Framing Seam at Cafeteria/Kitchen Southern Entry Way	189

mg/kg= Milligram per kilogram, ppm = parts per million, ND< = Not Detected

## 6. PCB Results

Eight (8) samples of exterior sealant compounds were sampled for potential polychlorinated biphenyl (PCB) content. PCBs were detected above the analytical reporting limit in two (2) of the materials sampled. Of the confirmed PCB containing materials, one was reported to contain these compounds in concentrations exceeding current regulatory levels. 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-01	Window Framing Sealant - Grey Library Building, Exterior - Main Library E8 at Northern Glass Frame	2,000
PCB-02	Building Base Sealant - Grey Library Building, Exterior - Main Library E8 at Northern Exterior Wall	ND<25

Sample Number	Material Description and Location	Results (mg/Kg)
PCB-03	Window Framing Mastic - White Eastern Classroom Building, Exterior - Eastern Wing Exterior at Western Window Assembly	ND<0.50
PCB-04	Storefront Window to Building Sealant - Tan Library Building, Exterior - Main Library E8 at Northwestern Exterior Wall	5.2
PCB-05	Exterior Connector Seam Sealant - Grey Music/Theater Southeastern Connector, Exterior - Northwestern Corner of Building	ND<25
PCB-06	Building Base/Pavement Seam Sealant - Light Grey Cafeteria/Kitchen Building, Exterior - Western Side of Building at Main Walkway Area	ND<2.5
PCB-07	Window Glazing Putty - Grey Cafeteria/Kitchen Building, Exterior - Southwestern Corner of Building at Window Assembly	ND<0.50
PCB-08	Metal to Concrete Framing Sealant - White Cafeteria/Kitchen Building, Exterior - Southern Side of Building at Main Cafeteria Entry Way	ND<0.50

## 7. Conclusions and Recommendations

Based upon the survey results, Terracon concludes the following:

- Fourteen (14) of the eighty-eight (88) materials sampled during the course of the survey were reported to contain asbestos in concentrations exceeding the laboratory method limit of detection.
- Due to restrictions associated with building occupancy, a further five (5) materials could not be sampled at the time of the survey and have been assumed to be asbestos containing.
- Asbestos was reported or assumed within multiple structures, including the Main Library Building, the Music/Theater Building and the Cafeteria/Kitchen Building.
- Quantities provided are for information purposes only and are not intended to serve as the basis for any sort of contractor abatement bid.
- If additional suspect materials that have not been characterized as ACM or non-ACM in this report are discovered during construction related processes, 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 thirteen (13) of the twenty-five (25) materials sampled, including various paints, bulk materials and ceramic tile glazes. Two (2) of the painted surfaces were found to contain lead in concentrations exceeding 5,000 parts per million the threshold for lead based paint.



- Two (2) of the six (6) sealants sampled during the survey were reported to contain PCBs above the laboratory method limit of detection. Of the confirmed PCB-containing materials, one (1) was reported to contain concentrations exceeding current regulatory levels.

## 8. Regulatory Requirements

### Asbestos

Impacting materials containing greater than 0.1% asbestos either through repair, maintenance, or demolition activities triggers numerous regulations enforced by such agencies as OSHA (worker protection) and EPA (environmental exposure, transportation and disposal).

Listed below are the regulations that apply if the materials are removed:

- Any individual who contracts to provide health and safety services relating to ACMs must be certified by Cal-OSHA as either a Certified Asbestos Consultant or a Site Surveillance Technician. The activities they are certified to provide 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 abated, the materials must be abated by a Cal-OSHA registered asbestos abatement contractor. Regulation: Cal-OSHA 8 CCR 1529 (R).
- ACMs that are classified by OSHA as thermal system insulation and surfacing materials are present. Removal of these materials is considered a Class I activity according to Cal-OSHA regulations. Work practices and engineering controls for Class I work are specified in Cal-OSHA 8 CCR 1529 (g) (4-6).
- 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 ACMs greater than 1% asbestos must be manifested, transported, and disposed of as hazardous waste in accordance with the Department of Toxic Substances Control (DTSC), a division of Cal-EPA. DTSC regulates disposal of asbestos waste. DTSC issues U.S. EPA hazardous waste generator identification numbers.

### Lead

Impacting lead materials or lead-containing paint either through repair, maintenance, renovation or demolition activities triggers numerous regulations enforced by such agencies as OSHA (worker protection), EPA (environmental exposure, transportation and disposal), and Department of Public

## Health (DPH).

Listed below are the lead paint regulations that apply if the paint or ceramic tiles are removed:

- 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.
- 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 milligram per liter by STLC or TCLP.
- Federal OSHA as well as California OSHA regulates all worker exposure during construction activities that impact lead-containing paint. California 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 OSHA specified method of compliance includes respiratory protection, protective clothing and equipment, housekeeping, hygiene facilities, medical surveillance, and training, among other requirements.

## PCBs

PCBs are regulated by the EPA under 40 CFR 761. The production of PCBs have been banned since 1979 and may be present in 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. PCB containing lighting ballasts may be present in some lighting fixtures and must be verified by labeling.

All PCB containing and PCB contaminated materials must be removed and disposed prior to building demolition.

## **9. Limitations**

Terracon Consultants, Inc. warrants that the findings contained herein have been prepared in general accordance with accepted professional practices as applied by similar professionals in the community at the time of its preparation. Changes in the state of the art or in applicable regulations cannot be anticipated and have not been addressed in this report.

Every effort was made to access building materials throughout each affected building, however only limited destructive testing was completed during the survey due to occupancy restrictions. Suspect materials may be present in wall cavities, above ceilings and beneath flooring that could not be accessed at the time of the survey. In the event that additional materials not listed in this report are uncovered during demolition, these materials should be assumed hazardous and may contain asbestos until suitably proven otherwise.

It is possible that additional materials, including but not limited to, abandoned mechanical systems, subsurface vapor barrier systems, window framing rough in mastic, and various others may be present behind or beneath finishes that could not be selectively demolished during the survey. Allowances for the discovery of these materials should be considered during project budgeting.

The field and laboratory results reported herein are considered sufficient in detail and scope to determine the presence of ACMs, lead containing materials, and PCBs identified therein. Also, note that this is a survey report and not an abatement specification. This document is not appropriate for competitive bidding or for use as an asbestos, lead, or PCB abatement specification.

## **Appendix 1:**

Laboratory Results and Chains of Custody - Asbestos



Report for:

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

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Regarding: Project: R1177466; Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way,  
EML ID: 1857441

Approved by:

Dates of Analysis:  
Asbestos PLM: 01-09-2018 and 01-10-2018

Approved Signatory  
Renee Luna-Trepczynski

Service SOPs: Asbestos PLM (EPA Methods 600/R-93/116 & 600/M4-82-020, SOP EM-AS-S-1267)

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

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

Client: Terracon Consultants, Inc. - Emeryville  
C/O: William Frieszell  
Re: R1177466; Terra Linda High School, Limited  
Pre-  
Renovation Sampling, 320 Nova Albion Way,

Date of Submittal: 01-04-2018  
Date of Receipt: 01-05-2018  
Date of Report: 01-10-2018

**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116****Total Samples Submitted:** 231**Total Samples Analyzed:** 231**Total Samples with Layer Asbestos Content > 1%:** 10

**Location: 1A, Drywall Texturing Material - "Orange Peel" Style; Library Building,  
Interior; Storage Closet Area E6 At Entry Way**

Lab ID-Version‡: 8706116-1

Sample Layers	Asbestos Content
White Texture with Cream Paint	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 1B, Drywall Texturing Material - "Orange Peel" Style; Library Building,  
Interior; Main Library Room E8 At Northwestern Corner**

Lab ID-Version‡: 8706117-1

Sample Layers	Asbestos Content
White Texture with Cream Paint	ND
Brown Fibrous Material	ND
<b>Composite Non-Asbestos Content:</b>	3% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 1C, Drywall Texturing Material - "Orange Peel" Style; Library Building,  
Interior; Main Library Room E8 At Eastern Column**

Lab ID-Version‡: 8706118-1

Sample Layers	Asbestos Content
White Texture with Cream Paint	ND
<b>Sample Composite Homogeneity:</b>	Good

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

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

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

Client: Terracon Consultants, Inc. - Emeryville  
 C/O: William Frieszell  
 Re: R1177466; Terra Linda High School, Limited  
 Pre-  
 Renovation Sampling, 320 Nova Albion Way,

Date of Submittal: 01-04-2018  
 Date of Receipt: 01-05-2018  
 Date of Report: 01-10-2018

# **ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 1D, Drywall Texturing Material - "Orange Peel" Style; Library Building,  
 Interior; Computer Lab Area E3 At Southwestern Corner**

Lab ID-Version‡: 8706119-1

Sample Layers	Asbestos Content
White Texture with Cream Paint	ND
White Drywall with Brown Paper	ND
<b>Composite Non-Asbestos Content:</b>	10% Cellulose < 1% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

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

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

Client: Terracon Consultants, Inc. - Emeryville  
 C/O: William Frieszell  
 Re: R1177466; Terra Linda High School, Limited  
 Pre-  
 Renovation Sampling, 320 Nova Albion Way,

Date of Submittal: 01-04-2018  
 Date of Receipt: 01-05-2018  
 Date of Report: 01-10-2018

**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 1E, Drywall Texturing Material - "Orange Peel" Style; Library Building,  
 Interior; Main Corridor Area E1 At Library Entrance Way**

Lab ID-Version‡: 8706120-1

Sample Layers	Asbestos Content
White Texture with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 1F, Drywall Texturing Material - "Orange Peel" Style; Library Building,  
 Interior; Southern Break Room Area E11 At Southeastern Corner**

Lab ID-Version‡: 8706121-1

Sample Layers	Asbestos Content
White Texture with Cream Paint	ND
White Drywall with Brown Paper	ND
<b>Composite Non-Asbestos Content:</b>	10% Cellulose < 1% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 1G, Drywall Texturing Material - "Orange Peel" Style; Library Building,  
 Interior; Southern Break Room Area E11 At Northern Wall**

Lab ID-Version‡: 8706122-1

Sample Layers	Asbestos Content
White Texture with Cream Paint	ND
White Drywall with Brown Paper	ND
<b>Composite Non-Asbestos Content:</b>	10% Cellulose < 1% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

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Re: R1177466; Terra Linda High School, Limited  
Pre-  
Renovation Sampling, 320 Nova Albion Way,

Date of Submittal: 01-04-2018  
Date of Receipt: 01-05-2018  
Date of Report: 01-10-2018

**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 2A, Drywall And Joint Compound; Library Building, Interior; Storage Closet  
Area E6 At Northwestern Corner**

Lab ID-Version‡: 8706123-1

Sample Layers	Asbestos Content
White Compound with Cream Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose < 1% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 2B, Drywall And Joint Compound; Library Building, Interior; Main Library  
 Room E8 At Eastern Column**

Lab ID-Version‡: 8706124-1

Sample Layers	Asbestos Content
Cream Mastic	ND
White Compound with Cream Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose < 1% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 2C, Drywall And Joint Compound; Library Building, Interior; Computer Lab  
 Area E3 At Southwestern Corner**

Lab ID-Version‡: 8706125-1

Sample Layers	Asbestos Content
White Compound with Cream Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose < 1% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 2D, Drywall And Joint Compound; Library Building, Interior; Southern  
 Break Room Area E11 At Southeastern Corner**

Lab ID-Version‡: 8706126-1

Sample Layers	Asbestos Content
White Compound with Cream Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose < 1% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 2E, Drywall And Joint Compound; Library Building, Interior; Main Library  
Room E8 At Northeastern Corner**

Lab ID-Version‡: 8706127-1

Sample Layers	Asbestos Content
White Joint Compound with Cream Paint	ND
White Drywall with Brown Paper	ND
<b>Composite Non-Asbestos Content:</b>	10% Cellulose < 1% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 3A, Cove Base Adhesive - White On 4" Grey Cove; Library Building, Interior;  
 Storage Closet Area E6 At Northwestern Corner**

Lab ID-Version‡: 8706128-1

Sample Layers	Asbestos Content
Dark Gray Baseboard	ND
Off-White Adhesive	ND
White Compound with White Paint	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 3B, Cove Base Adhesive - White On 4" Grey Cove; Western Classroom  
 Building, Interior; Classroom Area 310 At Northern Side**

Lab ID-Version‡: 8706129-1

Sample Layers	Asbestos Content
Dark Gray Baseboard	ND
White Adhesive	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 3C, Cove Base Adhesive - White On 4" Grey Cove; Eastern Classroom  
 Building, Interior; Classroom Area 109 At Southwestern Corner**

Lab ID-Version‡: 8706130-1

Sample Layers	Asbestos Content
Dark Gray Baseboard	ND
Off-White Adhesive	ND
Multicolored Wallpaper	ND
<b>Composite Non-Asbestos Content:</b>	2% Cotton 2% Synthetic Fibers
<b>Sample Composite Homogeneity:</b> Poor	

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 4A, Carpet Mastic - Yellow; Library Building, Interior; Conference Room  
Area E7 At Northeastern Corner**

Lab ID-Version‡: 8706131-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
<b>Composite Non-Asbestos Content:</b>	5% Synthetic Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 4B, Carpet Mastic - Yellow; Library Building, Interior; Main Library Room  
 E8 At Northeastern Corner**

Lab ID-Version‡: 8706132-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
White Compound	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Synthetic Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 4C, Carpet Mastic - Yellow; Eastern Classroom Building, Interior; Nursing  
 Room Area 115 At Approximate Center**

Lab ID-Version‡: 8706133-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Synthetic Fibers
<b>Sample Composite Homogeneity:</b>	Good

**Location: 5A, Floor Tile - 12" White With Tan Flecks And Yellow Mastic; Library  
 Building, Interior; Storage Closet Area E6 At Northwestern Corner**

Lab ID-Version‡: 8706134-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 5B, Floor Tile - 12" White With Tan Flecks And Yellow Mastic; Western  
 Classroom Building, Interior; Classroom Area 310 At Northern Side**

Lab ID-Version‡: 8706135-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
<b>Sample Composite Homogeneity:</b>	Moderate

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 5C, Floor Tile - 12" White With Tan Flecks And Yellow Mastic; Library Building, Interior; Southern Break Room Area E11 At Northeastern Corner**

Lab ID-Version‡: 8706136-1

Sample Layers	Asbestos Content
White Non-Fibrous Material	ND
White Floor Tile	ND
Yellow Mastic	ND
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 6A, Ceiling Tile - 2'x2' White Lay-In System, Rough; Library Building, Interior; Conference Room Area E7 At Approximate Center**

Lab ID-Version‡: 8706137-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
<b>Composite Non-Asbestos Content:</b>	75% Glass Fibers < 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 6B, Ceiling Tile - 2'x2' White Lay-In System, Rough; Western Classroom Building, Interior; Classroom Area 310 At Approximate Center**

Lab ID-Version‡: 8706138-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
<b>Composite Non-Asbestos Content:</b>	75% Glass Fibers < 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 6C, Ceiling Tile - 2'x2' White Lay-In System, Rough; Eastern Classroom Building, Interior; Nursing Area 115 At Approximate Center**

Lab ID-Version‡: 8706139-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
<b>Composite Non-Asbestos Content:</b>	75% Glass Fibers < 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 7A, Wall Treatment System - Purple Wall Covering With Adhesive; Library Building, Interior; Conference Room Area E7 At Northern Wall**

Lab ID-Version‡: 8706140-1

Sample Layers	Asbestos Content
Multicolored Wallpaper	ND
Transparent Adhesive	ND
White Drywall with Brown Paper	ND
<b>Composite Non-Asbestos Content:</b>	10% Cellulose 2% Cotton 2% Synthetic Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 7B, Wall Treatment System - Purple Wall Covering With Adhesive; Western Classroom Building, Interior; Classroom Area 312 At Northwestern Corner**

Lab ID-Version‡: 8706141-1

Sample Layers	Asbestos Content
Multicolored Wallpaper	ND
Cream Adhesive	ND
<b>Composite Non-Asbestos Content:</b>	5% Cotton 5% Synthetic Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 7C, Wall Treatment System - Purple Wall Covering With Adhesive; Library Building, Interior; Main Library Room E8 At Northeastern Corner**

Lab ID-Version‡: 8706142-1

Sample Layers	Asbestos Content
Multicolored Wallpaper	ND
Cream Adhesive	ND
White Compound with White Paint	ND
<b>Composite Non-Asbestos Content:</b>	5% Cotton 5% Synthetic Fibers
<b>Sample Composite Homogeneity:</b>	Poor

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 8A, Floor Tile-12" White With Tan Flecks And Black Mastic; Eastern  
Classroom Building, Interior; Classroom Area 111 At Northwestern Corner**

Lab ID-Version‡: 8706143-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Black Mastic	ND
Gray Cementitious Material	ND
<b>Sample Composite Homogeneity:</b> Poor	

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 8B, Floor Tile-12" White With Tan Flecks And Black Mastic; Eastern Classroom Building, Interior; Classroom Area 111 At Southwestern Corner**

Lab ID-Version‡: 8706144-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Black Mastic	ND
Gray Cementitious Material	ND
<b>Sample Composite Homogeneity:</b> Poor	

**Location: 8C, Floor Tile-12" White With Tan Flecks And Black Mastic; Eastern Classroom Building, Interior; Classroom Area 111 At Northeastern Corner**

Lab ID-Version‡: 8706145-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Black Mastic	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 9A, Carpet Mastic - Green With Residual Black; Eastern Classroom Building, Interior; Nursing Room Area 115 At Eastern Side**

Lab ID-Version‡: 8706146-1

Sample Layers	Asbestos Content
Green Mastic	ND
Black Mastic	5% Chrysotile
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose < 1% Synthetic Fibers
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 9B, Carpet Mastic - Green With Residual Black; Eastern Classroom Building, Interior; Classroom Area 109 At Northwestern Corner**

Lab ID-Version‡: 8706147-1

Sample Layers	Asbestos Content
Green Mastic	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Synthetic Fibers
<b>Sample Composite Homogeneity:</b> Good	

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 9C, Carpet Mastic - Green With Residual Black; Eastern Classroom Building,  
 Interior; Classroom Area 109 At Southwestern Corner**

Lab ID-Version‡: 8706148-1

Sample Layers	Asbestos Content
Green Mastic	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Synthetic Fibers
<b>Sample Composite Homogeneity:</b>	Good

**Location: 10A, Sink Undercoating Material - Grey; Eastern Classroom Building, Interior;  
 Nursing Room Area 113 At Sink Counter**

Lab ID-Version‡: 8706149-1

Sample Layers	Asbestos Content
Gray Sink Undercoating	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

**Location: 10B, Sink Undercoating Material - Grey; Eastern Classroom Building, Interior;  
 Nursing Room Area 113 At Sink Counter**

Lab ID-Version‡: 8706150-1

Sample Layers	Asbestos Content
Gray Sink Undercoating	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

**Location: 10C, Sink Undercoating Material - Grey; Library Building, Interior; Southern  
 Break Room Area E11 At Eastern Side**

Lab ID-Version‡: 8706151-1

Sample Layers	Asbestos Content
Gray Sink Undercoating	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 11A, Building Concrete Materials; Library Building, Interior; Southern Break  
 Room Area E11 At Eastern Side**

Lab ID-Version‡: 8706152-1

Sample Layers	Asbestos Content
White Compound	ND
Gray Concrete	ND
Brown Fibrous Material	ND
<b>Composite Non-Asbestos Content:</b>	3% Cellulose
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 11B, Building Concrete Materials; Library Building, Interior; Main Library  
 Room E8 At Northwestern Foundation Slab**

Lab ID-Version‡: 8706153-1

Sample Layers	Asbestos Content
Gray Concrete with White Paint	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 11C, Building Concrete Materials; Library Building, Exterior; Southern Side  
 Of Building At Entry Way**

Lab ID-Version‡: 8706154-1

Sample Layers	Asbestos Content
Gray Concrete with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 12A, Window Framing Sealant - Grey; Library Building, Exterior; Main  
 Library E8 At Northwestern Glass Frame**

Lab ID-Version‡: 8706155-1

Sample Layers	Asbestos Content
Gray Sealant	ND
<b>Sample Composite Homogeneity:</b>	Good

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Date of Report: 01-10-2018

**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 12B, Window Framing Sealant - Grey; Library Building, Exterior; Main Library E8 At Norhteastern Glass Frame**

Lab ID-Version‡: 8706156-1

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

**Location: 13A, Building Base Sealant-Grey; Library Building, Exterior; Main Library E8 At Northwestern Exterior Wall**

Lab ID-Version‡: 8706157-1

Sample Layers	Asbestos Content
Gray Sealant	2% Chrysotile
Sample Composite Homogeneity: Good	

**Location: 13B, Building Base Sealant-Grey; Library Building, Exterior; Main Library E8 At Northeastern Exterior Wall**

Lab ID-Version‡: 8706158-1

Sample Layers	Asbestos Content
Gray Sealant	2% Chrysotile
Sample Composite Homogeneity: Good	

**Location: 14A, Enamel Coating On Steel Window Panels - Grey/Beige; Library Building, Exterior; Main Library E8 At Northwestern Glass Frame**

Lab ID-Version‡: 8706159-1

Sample Layers	Asbestos Content
Brown/Gray Coating	ND
Sample Composite Homogeneity: Good	

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Client: Terracon Consultants, Inc. - Emeryville  
C/O: William Frieszell  
Re: R1177466; Terra Linda High School, Limited  
Pre-  
Renovation Sampling, 320 Nova Albion Way,

Date of Submittal: 01-04-2018  
Date of Receipt: 01-05-2018  
Date of Report: 01-10-2018

**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 15A, Exterior Paint - Textured Elastomeric; Library Building, Exterior;  
Southern Side Of Building At Entry Way**

Lab ID-Version‡: 8706160-1

Sample Layers	Asbestos Content
Multicolored Paint Layers	ND
Sample Composite Homogeneity:	Good

**Location: 15B, Exterior Paint - Textured Elastomeric; Library Building, Exterior; Main  
Library E8 At Northwestern Exterior Wall**

Lab ID-Version‡: 8706161-1

Sample Layers	Asbestos Content
Multicolored Paint Layers	ND
Sample Composite Homogeneity:	Good

**Location: 15C, Exterior Paint - Textured Elastomeric; Western Classroom Building,  
Exterior; Western Wing Exterior At Eastern Wall**

Lab ID-Version‡: 8706162-1

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

**Location: 16A, Window Glazing Putty - Grey; Western Classroom Building, Exterior;  
Western Wing Exterior At Eastern Window Assembly**

Lab ID-Version‡: 8706163-1

Sample Layers	Asbestos Content
White Window Glazing	< 1% Chrysotile
Sample Composite Homogeneity:	Good

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 16B, Window Glazing Putty - Grey; Western Classroom Building, Exterior;  
 Western Wing Exterior At Northeastern Window Assembly**

Lab ID-Version‡: 8706164-1

Sample Layers	Asbestos Content
Light Gray Window Glazing	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 17A, Window Framing Mastic - Tan; Western Classroom Building, Exterior;  
 Western Wing Exterior At Eastern Window Assembly**

Lab ID-Version‡: 8706165-1

Sample Layers	Asbestos Content
Tan Mastic with Multilayered Paint	< 1% Chrysotile
<b>Sample Composite Homogeneity:</b> Good	

**Location: 17B, Window Framing Mastic - Tan; Western Classroom Building, Exterior;  
 Western Wing Exterior At Northeastern Window Assembly**

Lab ID-Version‡: 8706166-1

Sample Layers	Asbestos Content
Tan Mastic with Multilayered Paint	< 1% Chrysotile
<b>Sample Composite Homogeneity:</b> Good	

**Location: 18A, Window Framing Mastic - White; Eastern Classroom Building, Exterior;  
 Eastern Wing Exterior At Northwestern Window Assembly**

Lab ID-Version‡: 8706167-1

Sample Layers	Asbestos Content
White Mastic with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b> Good	

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 18B, Window Framing Mastic - White; Eastern Classroom Building, Exterior;  
 Eastern Wing Exterior At Western Window Assembly**

Lab ID-Version‡: 8706168-1

Sample Layers	Asbestos Content
White Mastic with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 19A, Storefront Window To Building Sealant - Tan; Library Building,  
 Exterior; Main Library E8 At Northwestern Exterior Wall**

Lab ID-Version‡: 8706169-1

Sample Layers	Asbestos Content
Tan Sealant with Multilayered Paint	< 1% Chrysotile
<b>Sample Composite Homogeneity:</b>	Good

**Location: 19B, Storefront Window To Building Sealant - Tan; Library Building, Exterior;  
 Main Library E8 At Northeastern Exterior Wall**

Lab ID-Version‡: 8706170-1

Sample Layers	Asbestos Content
Tan Sealant with Multilayered Paint	< 1% Chrysotile
<b>Sample Composite Homogeneity:</b>	Good

**Location: 22A, Granite Style Paint - Grey; Library Building, Interior; Southern  
 Corridor Area E1 At Southern Wall**

Lab ID-Version‡: 8706171-1

Sample Layers	Asbestos Content
Brown Fibrous Material with Multicolored Surface	ND
<b>Composite Non-Asbestos Content:</b>	90% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 22B, Granite Style Paint - Grey; Eastern Classroom Building, Interior; Central  
 Corridor Area 100 At Eastern Wall**

Lab ID-Version‡: 8706172-1

Sample Layers	Asbestos Content
Brown Fibrous Material with Multicolored Surface	ND
<b>Composite Non-Asbestos Content:</b>	90% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

**Location: 23A, Floor Tile - 12" White With Black Speckles And Yellow Mastic; Western  
 Classroom Building, Interior; MDF Room 314 At Southeast Corner**

Lab ID-Version‡: 8706173-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 23B, Floor Tile - 12" White With Black Speckles And Yellow Mastic; Western  
 Classroom Building, Interior; MDF Room 314 At Eastern Side**

Lab ID-Version‡: 8706174-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
Gray Cementitious Material	ND
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 23C, Floor Tile - 12" White With Black Speckles And Yellow Mastic; Western  
 Classroom Building, Interior; MDF Room 314 At Western Entry Way**

Lab ID-Version‡: 8706175-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
<b>Sample Composite Homogeneity:</b>	Moderate

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 24A, Sink Undercoating Material - Black; Western Classroom Building,  
 Interior; MDF Room 314 At Eastern Sink**

Lab ID-Version‡: 8706176-1

Sample Layers	Asbestos Content
Black Sink Undercoating	< 1% Chrysotile
<b>Sample Composite Homogeneity:</b>	Good

**Location: 24B, Sink Undercoating Material - Black; Western Classroom Building,  
 Interior; MDF Room 314 At Eastern Sink**

Lab ID-Version‡: 8706177-1

Sample Layers	Asbestos Content
Black Sink Undercoating	< 1% Chrysotile
<b>Sample Composite Homogeneity:</b>	Good

**Location: 25A, Drywall And Joint Compound - Music/Theater Southeast Connector;  
 Music/Theater Southeastern Connector, Interior; Northeastern Corner Of Building**

Lab ID-Version‡: 8706178-1

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

**Location: 25B, Drywall And Joint Compound - Music/Theater Southeast Connector;  
 Music/Theater Southeastern Connector, Interior; Southwestern Corner Of Building**

Lab ID-Version‡: 8706179-1

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

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 25C, Drywall And Joint Compound - Music/Theater Southeast Connector;  
 Music/Theater Southeastern Connector, Interior; Southeastern Corner Of Building**

Lab ID-Version‡: 8706180-1

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

**Location: 26A, Exterior Stucco Wall System - Grey (Music/Theater Southeast Connector)  
 ; Music/Theater Southeastern Connector, Exterior; Northwestern Corner Of Building**

Lab ID-Version‡: 8706181-1

Sample Layers	Asbestos Content
White Stucco with Blue Paint	ND
Gray Cementitious Material	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 26B, Exterior Stucco Wall System - Grey (Music/Theater Southeast Connector)  
 ; Music/Theater Southeastern Connector, Exterior; Western Side Of Building (Inside)**

Lab ID-Version‡: 8706182-1

Sample Layers	Asbestos Content
White Stucco with White Paint	ND
Gray Cementitious Material	ND
<b>Sample Composite Homogeneity:</b>	Moderate

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 26C, Exterior Stucco Wall System - Grey (Music/Theater Southeast Connector)  
; Music/Theater Building, Exterior' Southeastern Corner Of Building**

Lab ID-Version‡: 8706183-1

Sample Layers	Asbestos Content
White Stucco with White Paint	ND
Gray Cementitious Material	ND
<b>Sample Composite Homogeneity:</b>	Moderate

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 27A, Exterior Connector Seam Sealant - Grey; Music/Theater Southeastern  
 Connector, Exterior; Northwestern Corner Of Building**

Lab ID-Version‡: 8706184-1

Sample Layers	Asbestos Content
Gray Sealant	ND
White Compound with Blue Paint	ND
Silver Non-Fibrous Material	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 27B, Exterior Connector Seam Sealant - Grey; Music/Theater Southeastern  
 Connector, Exterior; Southwestern Corner Of Building**

Lab ID-Version‡: 8706185-1

Sample Layers	Asbestos Content
Gray Sealant	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 28A, Carpet Mastic - Green; Music/Theater Building, Interior; Eastern Band  
 Room Area At Southeastern Corner**

Lab ID-Version‡: 8706186-1

Sample Layers	Asbestos Content
Blue Carpet	ND
Yellow Mastic	ND
<b>Composite Non-Asbestos Content:</b> 90% Synthetic Fibers	
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 28B, Carpet Mastic - Green; Music/Theater Building, Interior; Eastern Band  
 Room Area At Western Entry Way**

Lab ID-Version‡: 8706187-1

Sample Layers	Asbestos Content
Green Mastic	ND
Black Mastic	5% Chrysotile
<b>Sample Composite Homogeneity:</b> Moderate	

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 28C, Carpet Mastic - Green; Music/Theater Building, Interior; Northeastern Band Room Office Area At Southeast Corner**

Lab ID-Version‡: 8706188-1

Sample Layers	Asbestos Content
Green Mastic	ND
White Compound with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 29A, Cove Base Adhesive - Tan On 4" Blue Cove; Music Theater Building, Interior; Eastern Band Room Area At Southeastern Corner**

Lab ID-Version‡: 8706189-1

Sample Layers	Asbestos Content
Blue Baseboard	ND
Yellow Mastic	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 29B, Cove Base Adhesive - Tan On 4" Blue Cove; Music/Theater Building, Interior; Southern Central Band Room Office Area At Southeastern Corner**

Lab ID-Version‡: 8706190-1

Sample Layers	Asbestos Content
Blue Baseboard	ND
White Mastic	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 30A, Interior Plaster Wall System - Grey With Tan Smooth Coat; Music/Theater Building, Interior; Eastern Band Room Area At Southeastern Corner Column**

Lab ID-Version‡: 8706191-1

Sample Layers	Asbestos Content
White Skim Coat with Multilayered Paint	ND
Gray Base Coat	ND
<b>Sample Composite Homogeneity:</b> Moderate	

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 30B, Interior Plaster Wall System - Grey With Tan Smooth Coat; Music/  
Theater Building, Interior; Northeastern Band Room Office Area At Western Wall**

Lab ID-Version‡: 8706192-1

Sample Layers	Asbestos Content
White Skim Coat with Multilayered Paint	ND
Gray Base Coat	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 30C, Interior Plaster Wall System - Grey With Tan Smooth Coat; Music/  
Theater Building, Interior; Northern Sheet Music Storage Library At Eastern Wall**

Lab ID-Version‡: 8706193-1

Sample Layers	Asbestos Content
Gray Plaster with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 30D, Interior Plaster Wall System - Grey With Tan Smooth Coat; Music/  
Theater Building, Interior; Northwestern ASB Club Area At Northeastern Corner**

Lab ID-Version‡: 8706194-1

Sample Layers	Asbestos Content
White Skim Coat with Multilayered Paint	ND
Gray Base Coat	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 30E, Interior Plaster Wall System - Grey With Tan Smooth Coat; Music/  
Theater Building, Interior; Northwestern ASB Club Area At Southwestern Corner**

Lab ID-Version‡: 8706195-1

Sample Layers	Asbestos Content
White Skim Coat with Multilayered Paint	ND
Gray Base Coat	ND
<b>Sample Composite Homogeneity:</b> Moderate	

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Pre-Renovation Sampling, 320 Nova Albion Way,

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 30F, Interior Plaster Wall System - Grey With Tan Smooth Coat; Music/Theater Building, Interior; Northern Drama Club Area At Southwestern Corner**

Lab ID-Version‡: 8706196-1

Sample Layers	Asbestos Content
White Skim Coat with Multilayered Paint	ND
Gray Base Coat	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 30G, Interior Plaster Wall System - Grey With Tan Smooth Coat; Music/Theater Building, Interior; Central Sink Counter Storage Room At Southwestern Corner**

Lab ID-Version‡: 8706197-1

Sample Layers	Asbestos Content
White Skim Coat with Multilayered Paint	ND
Gray Base Coat	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 31A, Acoustical Wall Treatment Adhesive - White; Music/Theater Building, Interior; Eastern Band Room Area At Western Entry Way**

Lab ID-Version‡: 8706198-1

Sample Layers	Asbestos Content
White Adhesive	ND
Gray Foam	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 31B, Acoustical Wall Treatment Adhesive - White; Music/Theater Building, Interior; Eastern Band Room Area At Western Entry Way**

Lab ID-Version‡: 8706199-1

Sample Layers	Asbestos Content
White Adhesive	ND
Gray Foam	ND
<b>Sample Composite Homogeneity:</b> Moderate	

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 C/O: William Frieszell  
 Re: R1177466; Terra Linda High School, Limited  
 Pre-  
 Renovation Sampling, 320 Nova Albion Way,

Date of Submittal: 01-04-2018  
 Date of Receipt: 01-05-2018  
 Date of Report: 01-10-2018

**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 32A, Ceiling Tile - 2'x4' White Lay-In System, Pinhole/Fissure Pattern; Music/  
 Theater Building, Interior; Northwestern Band Room Office Area At Southwest Chase**

Lab ID-Version‡: 8706200-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
<b>Composite Non-Asbestos Content:</b>	60% Cellulose 5% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Good

**Location: 32B, Ceiling Tile - 2'x4' White Lay-In System, Pinhole/Fissure Pattern; Music/  
 Theater Building, Interior; Northwestern Band Room Office Area At Southwest Chase**

Lab ID-Version‡: 8706201-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
<b>Composite Non-Asbestos Content:</b>	60% Cellulose 5% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Good

**Location: 33A, Drywall And Joint Compound - Smooth; Music/Theater Building,  
 Interior; 3rd From West Storage Corridor At Southwestern Corner**

Lab ID-Version‡: 8706202-1

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

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# **ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 33B, Drywall And Joint Compound - Smooth; Music/Theater Building,  
 Interior; Southern Central Band Room Office Area At Southeastern Corner**

Lab ID-Version‡: 8706203-1

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

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 33C, Drywall And Joint Compound - Smooth; Music/Theater Building,  
 Interior; Eastern Band Room Area At Northwestern Office Entry Way**

Lab ID-Version‡: 8706204-1

Sample Layers	Asbestos Content
White Joint Compound	ND
White Drywall with Brown Paper	ND
<b>Composite Non-Asbestos Content:</b>	10% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 34A, Drywall Texturing Material - "Orange Peel" Style; Music/Theater  
 Building, Interior; Men's Restroom Area At Northern Wall**

Lab ID-Version‡: 8706205-1

Sample Layers	Asbestos Content
White Texture with White Paint	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 34B, Drywall Texturing Material - "Orange Peel" Style; Music/Theater  
 Building, Interior; Men's Restroom Area At Southern Wall**

Lab ID-Version‡: 8706206-1

Sample Layers	Asbestos Content
White Texture with White Paint	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 34C, Drywall Texturing Material - "Orange Peel" Style; Music/Theater  
 Building, Interior; Women's Restroom Area At Eastern Wall**

Lab ID-Version‡: 8706207-1

Sample Layers	Asbestos Content
White Texture with White Paint	ND
<b>Sample Composite Homogeneity:</b>	Good

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 35A, Drywall And Joint Compound - Textured; Music/Theater Building,  
 Interior; Men's Restroom Area At Northern Entry Way**

Lab ID-Version‡: 8706208-1

Sample Layers	Asbestos Content
White Compound	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown/Green Paper	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 35B, Drywall And Joint Compound - Textured; Music/Theater Building,  
 Interior; Women's Restroom Area At Northern Entry Way**

Lab ID-Version‡: 8706209-1

Sample Layers	Asbestos Content
White Mastic	ND
White Joint Compound with White Paint	ND
White Drywall with Brown/Green Paper	ND
<b>Composite Non-Asbestos Content:</b>	10% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 36A, Wainscot Adhesive - Orange On White FRP Paneling; Music/Theater  
 Building, Interior; Men's Restroom Area At Northern Entry Way**

Lab ID-Version‡: 8706210-1

Sample Layers	Asbestos Content
Yellow Adhesive	ND
White Texture with White Paint	ND
<b>Sample Composite Homogeneity:</b>	Moderate

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# **ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 36B, Wainscot Adhesive - Orange On White FRP Paneling; Music/Theater  
 Building, Interior; Women's Restroom Area At Northern Entry Way**

Lab ID-Version‡: 8706211-1

Sample Layers	Asbestos Content
Yellow Adhesive	ND
White Texture with White Paint	ND
<b>Sample Composite Homogeneity:</b>	Moderate

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 37A, Parge/Texture Patch Coat On Concrete Wall - White; Music/Theater  
 Building, Interior; Eastern Band Room Area At Southeastern Perimeter Wall**

Lab ID-Version‡: 8706212-1

Sample Layers	Asbestos Content
White Texture with White Paint	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 37B, Parge/Texture Patch Coat On Concrete Wall - White; Music/Theater  
 Building, Interior; Eastern Band Room Area At Eastern Perimeter Wall**

Lab ID-Version‡: 8706213-1

Sample Layers	Asbestos Content
White Texture with Multilayered Paint	< 1% Chrysotile
<b>Sample Composite Homogeneity:</b> Good	

**Location: 37C, Parge/Texture Patch Coat On Concrete Wall - White; Music/Theater  
 Building, Interior; Eastern Band Room Area At Northeastern Perimeter Wall**

Lab ID-Version‡: 8706214-1

Sample Layers	Asbestos Content
White Texture with Multilayered Paint	< 1% Chrysotile
<b>Sample Composite Homogeneity:</b> Good	

**Location: 38A, Ceiling Tile - 1'x1' White, Rough Texture With Tan Adhesive; Music/  
 Theater Building, Interior; Southwestern Theater Control Room At Northern Side**

Lab ID-Version‡: 8706215-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
<b>Composite Non-Asbestos Content:</b>	40% Cellulose 40% Glass Fibers
<b>Sample Composite Homogeneity:</b> Good	

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 38B, Ceiling Tile - 1'x1' White, Rough Texture With Tan Adhesive; Music/Theater Building, Interior; Southwestern Theater Control Room At Southern Side**

Lab ID-Version‡: 8706216-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
<b>Composite Non-Asbestos Content:</b>	40% Cellulose 40% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Good

**Location: 38C, Ceiling Tile - 1'x1' White, Rough Texture With Tan Adhesive; Music/Theater Building, Interior; Southwestern Band Practice Room At Approximate Center**

Lab ID-Version‡: 8706217-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
<b>Composite Non-Asbestos Content:</b>	40% Cellulose 40% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Good

**Location: 39A, Acoustical Wall Plaster System - White With Black Paint; Music/Theater Building, Interior; Southwestern Black Box Theater Area At Northeastern Corner**

Lab ID-Version‡: 8706218-1

Sample Layers	Asbestos Content
White Plaster with Multilayered Paint	< 1% Chrysotile
<b>Sample Composite Homogeneity:</b>	Good

**Location: 39B, Acoustical Wall Plaster System - White With Black Paint; Music/Theater Building, Interior; Southwestern Black Box Theater At Northern Wall**

Lab ID-Version‡: 8706219-1

Sample Layers	Asbestos Content
White Plaster with Multilayered Paint	< 1% Chrysotile
<b>Sample Composite Homogeneity:</b>	Good

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 39C, Acoustical Wall Plaster System - White With Black Paint; Music/Theater Building, Interior; Southwestern Black Box Theater Area At Northwestern Corner**

Lab ID-Version‡: 8706220-1

Sample Layers	Asbestos Content
White Plaster with Multilayered Paint	< 1% Chrysotile
<b>Sample Composite Homogeneity:</b>	Good

**Location: 39D, Acoustical Wall Plaster System - White With Black Paint; Music/Theater Building, Interior; Southwestern Black Box Theater Area At Southwestern Corner**

Lab ID-Version‡: 8706221-1

Sample Layers	Asbestos Content
White Plaster with Multilayered Paint	< 1% Chrysotile
<b>Sample Composite Homogeneity:</b>	Good

**Location: 39E, Acoustical Wall Plaster System - White With Black Paint; Music/Theater Building, Interior; Southwestern Black Box Theater Area At Eastern Wall**

Lab ID-Version‡: 8706222-1

Sample Layers	Asbestos Content
White Plaster with Multilayered Paint	< 1% Chrysotile
<b>Sample Composite Homogeneity:</b>	Good

**Location: 40A, Sheet Flooring System - Pale Blue Pebble Pattern With Black Felt Layer; Music/Theater Building, Interior; Men's Restroom Area At Northern Entry Way**

Lab ID-Version‡: 8706223-1

Sample Layers	Asbestos Content
Blue Sheet Flooring with Fibrous Backing	ND
Black/Yellow Mastic	ND
Brown Felt	ND
<b>Composite Non-Asbestos Content:</b>	35% Cellulose < 1% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 40B, Sheet Flooring System - Pale Blue Pebble Pattern With Black Felt Layer;  
 Music/Theater Building, Interior; Women's Restroom Area At Northern Entry Way**

Lab ID-Version‡: 8706224-1

Sample Layers	Asbestos Content
Blue Sheet Flooring with Fibrous Backing	ND
Black/Yellow Mastic	ND
Brown Felt	ND
<b>Composite Non-Asbestos Content:</b>	35% Cellulose < 1% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 41A, Floor Tile - 12" Dark Grey With Grey Flecks And Black Mastic; Music/  
 Theater Building, Interior; Southwestern Black Box Theater Area At Southeastern  
 Corner**

Lab ID-Version‡: 8706225-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Black Mastic	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 41B, Floor Tile - 12" Dark Grey With Grey Flecks And Black Mastic; Music/  
 Theater Building, Interior; Southwestern Black Box Theater Storage Area At Entry Way**

Lab ID-Version‡: 8706226-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Black Mastic	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 41C, Floor Tile - 12" Dark Grey With Grey Flecks And Black Mastic; Music/  
Theater Building, Interior; Southwestern Theater Control Room At Northern Side**

Lab ID-Version‡: 8706227-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Black Mastic	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 42A, Floor Tile - 12" Light Grey With Grey Flecks And Black Mastic; Music/  
 Theater Building, Interior; Western Storage Corridor At Southern Entry Way**

Lab ID-Version‡: 8706228-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Black Mastic	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 42B, Floor Tile - 12" Light Grey With Grey Flecks And Black Mastic; Music/  
 Theater Building, Interior; Central Storage Corridor At Northern Entry Way**

Lab ID-Version‡: 8706229-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Black Mastic	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 42C, Floor Tile - 12" Light Grey With Grey Flecks And Black Mastic; Music/  
 Theater Building, Interior; Eastern Storage Corridor At Northern Entry Way**

Lab ID-Version‡: 8706230-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Black Mastic	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 43A, Floor Tile - 12" Blue With Yellow Mastic; Music/Theater Building,  
 Interior; Northwestern ASB Club Area At Northwestern Corner**

Lab ID-Version‡: 8706231-1

Sample Layers	Asbestos Content
Purple Floor Tile	ND
Yellow Mastic	ND
<b>Sample Composite Homogeneity:</b>	Moderate

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 43B, Floor Tile - 12" Blue With Yellow Mastic; Music/Theater Building,  
 Interior; Northern ASB Club Storage Area At Northeastern Corner**

Lab ID-Version‡: 8706232-1

Sample Layers	Asbestos Content
Purple Floor Tile	ND
Yellow Mastic	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 43C, Floor Tile - 12" Blue With Yellow Mastic; Music/Theater Building,  
 Interior; Northern Drama Club Area At Eastern Side**

Lab ID-Version‡: 8706233-1

Sample Layers	Asbestos Content
Purple Floor Tile	ND
Yellow Mastic	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 44A, Floor Tile - 12" White With Tan Flecks And Black Mastic; Music/  
 Theater Building, Interior; Restroom Corridor Area At Western Entry Way**

Lab ID-Version‡: 8706234-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 44B, Floor Tile - 12" White With Tan Flecks And Black Mastic; Music/Theater  
 Building, Interior; Restroom Corridor Area At Southeastern Corner**

Lab ID-Version‡: 8706235-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
White Compound	ND
Gray Cementitious Material	ND
<b>Sample Composite Homogeneity:</b>	Poor

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 C/O: William Frieszell  
 Re: R1177466; Terra Linda High School, Limited  
 Pre-  
 Renovation Sampling, 320 Nova Albion Way,

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 Date of Report: 01-10-2018

### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 45A, Drywall And Joint Compound; Music/Theater Unisex Restroom Building,  
 Interior; Western Restroom At Southeastern Corner**

Lab ID-Version‡: 8706236-1

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

**Location: 45B, Drywall And Joint Compound; Music/Theater Unisex Restroom Building,  
 Interior; Eastern Restroom At Southwestern Corner**

Lab ID-Version‡: 8706237-1

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

**Location: 46A, Ceramic Wall Tile System - 4" Peach Tile With Grout And Mortar;  
 Music/Theater Unisex Restroom Building, Interior; Western Restroom At Eastern Wall**

Lab ID-Version‡: 8706238-1

Sample Layers	Asbestos Content
White Grout	ND
White Ceramic Tile	ND
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b>	Moderate

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# **ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 46B, Ceramic Wall Tile System - 4" Peach Tile With Grout And Mortar;  
 Music/Theater Unisex Restroom Building, Interior; Eastern Restroom At Western Wall**

Lab ID-Version‡: 8706239-1

Sample Layers	Asbestos Content
White Grout	ND
White Ceramic Tile	ND
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b> Moderate	

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 47A, Ceramic Floor System - 1" Grey Tile With Grout And Mortar; Music/  
 Theater Unisex Restroom Building, Interior; Western Restroom At Southern Entry Way**

Lab ID-Version‡: 8706240-1

Sample Layers	Asbestos Content
White Grout	ND
Light Gray Tile	ND
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 47B, Ceramic Floor System - 1" Grey Tile With Grout And Mortar; Music/  
 Theater Unisex Restroom Building, Interior; Western Restroom At Southern Entry Way**

Lab ID-Version‡: 8706241-1

Sample Layers	Asbestos Content
White Grout	ND
Light Gray Tile	ND
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 48A, Building Concrete Materials; Music/Theater Southeastern Connector,  
 Interior; Approximate Center At Slab**

Lab ID-Version‡: 8706242-1

Sample Layers	Asbestos Content
Gray Concrete	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 48B, Building Concrete Materials; Music.Theater Building, Exterior -  
 Southeastern Corner Of Building At Perimeter Column**

Lab ID-Version‡: 8706243-1

Sample Layers	Asbestos Content
Gray Concrete with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b> Good	

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 48C, Building Concrete Materials; Music/Theater Building, Exterior; Eastern Side Of Building At Perimeter Wall System**

Lab ID-Version‡: 8706244-1

Sample Layers	Asbestos Content
Gray Concrete with Multilayered Paint	ND
Sample Composite Homogeneity:	Good

**Location: 48D, Building Concrete Materials; Music/Theater Corner Storage Building, Exterior; Southwestern Corenr Of Building**

Lab ID-Version‡: 8706245-1

Sample Layers	Asbestos Content
Gray Concrete with Multilayered Paint	ND
Sample Composite Homogeneity:	Good

**Location: 48E, Building Concrete Materials; Music/Theater Unisex Restroom Building, Exterior; Southeastern Corner Of Building**

Lab ID-Version‡: 8706246-1

Sample Layers	Asbestos Content
Gray Concrete with Multilayered Paint	ND
Sample Composite Homogeneity:	Good

**Location: 49A, Rough Textured Elastomeric Paint - Beige; Music/Theater Unisex Restroom Building, Exterior; Southern Perimeter Wall At Western Side**

Lab ID-Version‡: 8706247-1

Sample Layers	Asbestos Content
Beige Paint with Light Gray Cementitious Material	ND
Sample Composite Homogeneity:	Moderate

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 49B, Rough Textured Elastomeric Paint - Beige; Music/Theater Unisex  
 Restroom Building, Exterior; Southern Perimeter Wall At Approximate Center**

Lab ID-Version‡: 8706248-1

Sample Layers	Asbestos Content
Beige Paint with Light Gray Cementitious Material	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 49C, Rough Textured Elastomeric Paint - Beige; Music/Theater Unisex  
 Restroom Building, Exterior; Southern Perimeter Wall At Eastern Side**

Lab ID-Version‡: 8706249-1

Sample Layers	Asbestos Content
Beige Paint with Light Gray Cementitious Material	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 51A, Pipe End Cap Sealant - White; Music/Theater Building, Interior;  
 Southeastern Mechanical Room At Northern Side**

Lab ID-Version‡: 8706250-1

Sample Layers	Asbestos Content
White Sealant	ND
Yellow Insulation	ND
<b>Composite Non-Asbestos Content:</b>	10% Glass Fibers 10% Wollastonite
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 51B, Pipe End Cap Sealant - White; Music/Theater Building, Interior;  
 Southeastern Mechanical Room At Eastern Side**

Lab ID-Version‡: 8706251-1

Sample Layers	Asbestos Content
White Sealant	ND
Yellow Insulation	ND
<b>Composite Non-Asbestos Content:</b>	40% Glass Fibers 7% Wollastonite
<b>Sample Composite Homogeneity:</b>	Moderate

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 51C, Pipe End Cap Sealant - White; Music/Theater Building, Interior;  
 Southeastern Mechanical Room At Southern Side**

Lab ID-Version‡: 8706252-1

Sample Layers	Asbestos Content
White Sealant	ND
Yellow Insulation	ND
<b>Composite Non-Asbestos Content:</b>	40% Glass Fibers 7% Wollastonite
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 52A, Ceiling Tile - 1'x1' Black Staple-In System, Pinhole/Fissure; Music/  
 Theater Building, Interior; Southwestern Black Box Theater Area At Northern Side**

Lab ID-Version‡: 8706253-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with Black Surface	ND
<b>Composite Non-Asbestos Content:</b>	40% Cellulose 40% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 52B, Ceiling Tile - 1'x1' Black Staple-In System, Pinhole/Fissure; Music/  
 Theater Building, Interior; Southwestern Black Box Theater Area At Southern Side**

Lab ID-Version‡: 8706254-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with Black Surface	ND
<b>Composite Non-Asbestos Content:</b>	40% Cellulose 40% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 53A, HVAC Vibration Dampening Cloth - Grey; Music/Theater Building,  
 Interior; Southeastern Mechanical Room At Western Side**

Lab ID-Version‡: 8706255-1

Sample Layers	Asbestos Content
Black Semi-Fibrous Material	ND
<b>Composite Non-Asbestos Content:</b>	30% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Good

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 53B, HVAC Vibration Dampening Cloth - Grey; Music/Theater Building,  
 Interior; Southeastern Mechanical Room At Western Side**

Lab ID-Version‡: 8706256-1

Sample Layers	Asbestos Content
Black Semi-Fibrous Material	ND
<b>Composite Non-Asbestos Content:</b>	30% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Good

**Location: 54A, HVAC Ducting Insulation - Grey Cloth On Fiberglass; Music/Theater  
 Building, Interior; Southeastern Mechanical Room At Western Side**

Lab ID-Version‡: 8706257-1

Sample Layers	Asbestos Content
Off-White Wrap with Gray Paint	ND
Yellow Insulation	ND
<b>Composite Non-Asbestos Content:</b>	40% Cotton 40% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 54B, HVAC Ducting Insulation - Grey Cloth On Fiberglass; Music/Theater  
 Building, Interior; Southeastern Mechanical Room At Southwestern Side**

Lab ID-Version‡: 8706258-1

Sample Layers	Asbestos Content
Off-White Wrap with Gray Paint	ND
Yellow Insulation	ND
<b>Composite Non-Asbestos Content:</b>	40% Cotton 40% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 54C, HVAC Ducting Insulation - Grey Cloth On Fiberglass; Music/Theater  
 Building, Interior; Southeastern Mechanical Room At Southwestern Side**

Lab ID-Version‡: 8706259-1

Sample Layers	Asbestos Content
Off-White Wrap with Gray Paint	ND
Yellow Insulation	ND
<b>Composite Non-Asbestos Content:</b>	70% Glass Fibers 15% Cotton
<b>Sample Composite Homogeneity:</b>	Moderate

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 55A, Window Glazing Putty - Grey; Music/Theater Building, Exterior;  
Northwestern Corner Of Building At Window Assembly**

Lab ID-Version‡: 8706260-1

Sample Layers	Asbestos Content
Gray Window Glazing	ND
Sample Composite Homogeneity:	Good

**Location: 55B, Window Glazing Putty - Grey; Music/Theater Building, Exterior;  
Northern Perimeter Of Building At Window Assembly**

Lab ID-Version‡: 8706261-1

Sample Layers	Asbestos Content
Gray Window Glazing	ND
Sample Composite Homogeneity:	Good

**Location: 55C, Window Glazing Putty - Grey; Music/Theater Building, Exterior;  
Northeastern Corner Of Building At Window Assembly**

Lab ID-Version‡: 8706262-1

Sample Layers	Asbestos Content
Gray Window Glazing	ND
Sample Composite Homogeneity:	Good

**Location: 56A, Exterior Elastomeric Paint - Beige; Music/Theater Building, Exterior;  
Northwestern Corner Of Building At Window Assembly**

Lab ID-Version‡: 8706263-1

Sample Layers	Asbestos Content
Multicolored Paint Layers	ND
Sample Composite Homogeneity:	Moderate

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 56B, Exterior Elastomeric Paint - Beige; Music/Theater Building, Exterior;  
Northern Perimeter Of Building At Window Assembly**

Lab ID-Version‡: 8706264-1

Sample Layers	Asbestos Content
Multicolored Paint Layers	ND
Sample Composite Homogeneity:	Moderate

**Location: 56C, Exterior Elastomeric Paint - Beige; Music/Theater Building, Exterior;  
Northeastern Corner Of Building At Window Assembly**

Lab ID-Version‡: 8706265-1

Sample Layers	Asbestos Content
Multicolored Paint Layers	ND
Sample Composite Homogeneity:	Moderate

**Location: 57A, Window Glazing Putty - White Patch; Music/Theater Building, Exterior;  
Northern Perimeter Of Building At West Window Assembly**

Lab ID-Version‡: 8706266-1

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

**Location: 57B, Window Glazing Putty - White Patch; Music/Theater Building, Exterior;  
Northern Perimeter Of Building At West Window Assembly**

Lab ID-Version‡: 8706267-1

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

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 58A, Sink Undercoating - Grey; Music/Theater Building, Interior; Central  
 Sink Counter Storage Room At Western Sink**

Lab ID-Version‡: 8706268-1

Sample Layers	Asbestos Content
Gray Sink Undercoating	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

**Location: 58B, Sink Undercoating - Grey; Music/Theater Building, Interior; Central  
 Sink Counter Storage Room At Western Sink**

Lab ID-Version‡: 8706269-1

Sample Layers	Asbestos Content
Gray Sink Undercoating	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

**Location: 59A, Sheet Metal Wall Sealant - Grey; Freestanding Shed Structure, Interior;  
 Southern Perimeter Wall At Approximate Center**

Lab ID-Version‡: 8706270-1

Sample Layers	Asbestos Content
Gray Sealant	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 59B, Sheet Metal Wall Sealant - Grey; Freestanding Shed Structure, Exterior;  
 Northeastern Corner Of Building**

Lab ID-Version‡: 8706271-1

Sample Layers	Asbestos Content
Gray Sealant	ND
<b>Sample Composite Homogeneity:</b>	Good

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 60A, Asphaltic Paving Material - Black; Freestanding Shed Structure, Interior;  
Approximate Center Of Shed Floor**

Lab ID-Version‡: 8706272-1

Sample Layers	Asbestos Content
Black Asphalt	ND
Sample Composite Homogeneity: Moderate	

**Location: 60B, Asphaltic Paving Material - Black; Freestanding Shed Structure, Exterior;  
Southeastern Corner Of Building**

Lab ID-Version‡: 8706273-1

Sample Layers	Asbestos Content
Black Asphalt	ND
Sample Composite Homogeneity: Moderate	

**Location: 60C, Asphaltic Paving Material - Black; Music/Theater Building, Exterior;  
Southwestern Corner Of Building**

Lab ID-Version‡: 8706274-1

Sample Layers	Asbestos Content
Black Asphalt	ND
Sample Composite Homogeneity: Moderate	

**Location: 60D, Asphaltic Paving Material - Black; Music/Theater Building, Exterior;  
Southern Side Of Building At Electrical Transformer**

Lab ID-Version‡: 8706275-1

Sample Layers	Asbestos Content
Black Asphalt	ND
Sample Composite Homogeneity: Moderate	

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 60E, Asphaltic Paving Material - Black; Music/Theater Building, Exterior;  
Southeastern Corner Of Building At Connector**

Lab ID-Version‡: 8706276-1

Sample Layers	Asbestos Content
Black Asphalt	ND
Sample Composite Homogeneity: Moderate	

**Location: 60F, Asphaltic Paving Material - Black; Cafeteria/Kitchen Building, Exterior;  
Northern Side Of Building At Driveway**

Lab ID-Version‡: 8706277-1

Sample Layers	Asbestos Content
Black Asphalt	ND
Sample Composite Homogeneity: Moderate	

**Location: 60G, Asphaltic Paving Material - Black; Cafeteria/Kitchen Building, Exterior -  
Northeastern Side Of Building At Employee Parking**

Lab ID-Version‡: 8706278-1

Sample Layers	Asbestos Content
Black Asphalt	ND
Sample Composite Homogeneity: Moderate	

**Location: 61A, Concrete Paving Material - Red Tinge; Exterior Amphitheater Area;  
Northern Side Of Space At Stairway To Class Building**

Lab ID-Version‡: 8706279-1

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

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 61B, Concrete Paving Material - Red Tinge; Exterior Amphitheater Area;  
 Approximate Center Of Space**

Lab ID-Version‡: 8706280-1

Sample Layers	Asbestos Content
Gray Concrete	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 61C, Concrete Paving Material - Red Tinge; Music/Theater Building, Exterior;  
 Northern Side Of Building At Electrical Transformer**

Lab ID-Version‡: 8706281-1

Sample Layers	Asbestos Content
Gray Concrete	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 62A, Concrete Patch Material - Grey; Exterior Amphitheater Area;  
 Northwestern Corner Bleacher Area**

Lab ID-Version‡: 8706282-1

Sample Layers	Asbestos Content
Light Gray Concrete	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 62B, Concrete Patch Material - Grey; Exterior Amphitheater Area;  
 Southwestern Corner Bleacher Area**

Lab ID-Version‡: 8706283-1

Sample Layers	Asbestos Content
Light Gray Concrete	ND
<b>Sample Composite Homogeneity:</b> Good	

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 63A, Concrete Patch Material - Beige; Exterior Amphitheater Area;  
Northeastern Corner Bleacher Area**

Lab ID-Version‡: 8706284-1

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

**Location: 63B, Concrete Patch Material - Beige; Exterior Amphitheater Area;  
Southeastern Corner Bleacher Area**

Lab ID-Version‡: 8706285-1

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

**Location: 64A, Drywall Texturing Material - "Orange Peel" Style; Cafeteria/Kitchen  
Building, Interior; Northwestern File Storage Room At Southeast Corner**

Lab ID-Version‡: 8706286-1

Sample Layers	Asbestos Content
White Texture with Cream Paint	ND
Sample Composite Homogeneity: Good	

**Location: 64B, Drywall Texturing Material - "Orange Peel" Style; Cafeteria/Kitchen  
Building, Interior; Northwestern Women's Restroom At Northeast Corner**

Lab ID-Version‡: 8706287-1

Sample Layers	Asbestos Content
White Texture with Cream Paint	ND
Sample Composite Homogeneity: Good	

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 64C, Drywall Texturing Material - "Orange Peel" Style; Cafeteria/Kitchen  
 Building, Interior; Main Cafeteria Area, Northern Wall At Western Side**

Lab ID-Version‡: 8706288-1

Sample Layers	Asbestos Content
White Texture with Cream Paint	ND
Brown Paper	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 64D, Drywall Texturing Material - "Orange Peel" Style; Cafeteria/Kitchen  
 Building, Interior; Main Cafeteria Area, Northern Wall At Approximate Center**

Lab ID-Version‡: 8706289-1

Sample Layers	Asbestos Content
White Texture with Cream Paint	ND
Brown Paper	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 64E, Drywall Texturing Material - "Orange Peel" Style; Cafeteria/Kitchen  
 Building, Interior; Main Cafeteria Area, Northern Wall At Eastern Side**

Lab ID-Version‡: 8706290-1

Sample Layers	Asbestos Content
White Texture with Cream Paint	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 65A, Drywall And Joint Compound - Textured; Cafeteria/Kitchen Building,  
 Interior; Northwestern File Storage Room At Southeast Corner**

Lab ID-Version‡: 8706291-1

Sample Layers	Asbestos Content
White Texture with Cream Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose < 1% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 65B, Drywall And Joint Compound - Textured; Cafeteria/Kitchen Building,  
 Interior; Norhtwestern Women's Restroom At Northeast Corner**

Lab ID-Version‡: 8706292-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
White Texture with White Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown/Green Paper	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose < 1% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 65C, Drywall And Joint Compound - Textured; Cafeteria/Kitchen Building,  
 Interior; Main Cafeteria Area, Northern Wall At Approximate Center**

Lab ID-Version‡: 8706293-1

Sample Layers	Asbestos Content
White Texture with Cream Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose < 1% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 66A, Floor Tile - 12" White With Tan Flecks And Yellow Mastic; Cafeteria/  
 Kitchen Building, Interior - Northwestern File Storage Room At Western Side**

Lab ID-Version‡: 8706294-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
<b>Sample Composite Homogeneity:</b>	Moderate

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 67A, Cove Base Adhesive - White On 4" Grey/Black Cove; Cafeteria/Kitchen  
Building, Interior; Northwestern File Storage Room At Southern Wall**

Lab ID-Version‡: 8706295-1

Sample Layers	Asbestos Content
Black Baseboard	ND
White Adhesive	ND
<b>Sample Composite Homogeneity:</b>	Moderate

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 67B, Cove Base Adhesive - White On 4" Grey/Black Cove; Cafeteria/Kitchen Building, Interior; Northern Teacher's Lounge At Northwestern Corner**

Lab ID-Version‡: 8706296-1

Sample Layers	Asbestos Content
White Adhesive	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 68A, Sheet Flooring System - Blue Pebble Pattern With Yellow Mastic; Cafeteria/Kitchen Building, Interior; Northern Teacher's Lounge At Northeastern Corner**

Lab ID-Version‡: 8706297-1

Sample Layers	Asbestos Content
Blue Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Gray Cementitious Material	ND
<b>Composite Non-Asbestos Content:</b>	7% Cellulose
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 68B, Sheet Flooring System - Blue Pebble Pattern With Yellow Mastic; Cafeteria/Kitchen Building, Interior; Northern Teacher's Lounge At Southwestern Corner**

Lab ID-Version‡: 8706298-1

Sample Layers	Asbestos Content
Blue Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
<b>Composite Non-Asbestos Content:</b>	8% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 68C, Sheet Flooring System - Blue Pebble Pattern With Yellow Mastic;  
Cafeteria/Kitchen Building, Interior; Northwestern Men's Restroom At South Entry  
Way**

Lab ID-Version‡: 8706299-1

Sample Layers	Asbestos Content
Blue Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Gray Flooring Leveler	ND
<b>Composite Non-Asbestos Content:</b>	8% Cellulose
<b>Sample Composite Homogeneity:</b>	Poor

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 69A, Ceiling Tile - 2'x4' White Lay-In System, Hard Gypsum; Cafeteria/  
 Kitchen Building, Interior; Northern Teacher's Lounge At Southwestern Corner**

Lab ID-Version‡: 8706300-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
<b>Composite Non-Asbestos Content:</b>	35% Glass Fibers 25% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 69B, Ceiling Tile - 2'x4' White Lay-In System, Hard Gypsum; Cafeteria/  
 Kitchen Building, Interior; Northern Teacher's Lounge At Northeastern Corner**

Lab ID-Version‡: 8706301-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
<b>Composite Non-Asbestos Content:</b>	35% Glass Fibers 25% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 70A, Wainscot Adhesive - Orange On White FRP Paneling; Cafeteria/Kitchen  
 Building, Interior; Northwestern Men's Restroom At South Entry Way**

Lab ID-Version‡: 8706302-1

Sample Layers	Asbestos Content
White Adhesive	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 70B, Wainscot Adhesive - Orange On White FRP Paneling; Cafeteria/Kitchen  
 Building, Interior; Northwestern Women's Restroom At South Entry Way**

Lab ID-Version‡: 8706303-1

Sample Layers	Asbestos Content
White Adhesive	ND
<b>Sample Composite Homogeneity:</b>	Good

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 70C, Wainscot Adhesive - Orange On White FRP Paneling; Cafeteria/Kitchen Building, Interior; Northwestern Women's Restroom At Northern Wall**

Lab ID-Version‡: 8706304-1

Sample Layers	Asbestos Content
Orange Adhesive	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 71A, Wall Treatment System - Purple Covering With Adhesive; Cafeteria/Kitchen Building, Interior; Northern Teacher's Lounge At Northeastern Corner**

Lab ID-Version‡: 8706305-1

Sample Layers	Asbestos Content
Pink Wallpaper with Semi-Transparent Adhesive	ND
<b>Composite Non-Asbestos Content:</b>	15% Synthetic Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 71B, Wall Treatment System - Purple Covering With Adhesive; Cafeteria/Kitchen Building, Interior; Northern Teacher's Lounge At Southwestern Corner**

Lab ID-Version‡: 8706306-1

Sample Layers	Asbestos Content
Pink Wallpaper with Semi-Transparent Adhesive	ND
<b>Composite Non-Asbestos Content:</b>	15% Synthetic Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 71C, Wall Treatment System - Purple Covering With Adhesive; Cafeteria/Kitchen Building, Interior; Northern Teacher's Lounge At Northwestern Corner**

Lab ID-Version‡: 8706307-1

Sample Layers	Asbestos Content
White Adhesive	ND
Pink Wallpaper with Semi-Transparent Adhesive	ND
<b>Composite Non-Asbestos Content:</b>	12% Synthetic Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 74A, Cove Base Adhesive - Tan On 6" Black Cove; Cafeteria/Kitchen Building,  
 Interior; Northwestern Women's Restroom At Western Hall**

Lab ID-Version‡: 8706308-1

Sample Layers	Asbestos Content
Tan Adhesive	ND
Yellow Adhesive	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 74B, Cove Base Adhesive - Tan On 6" Black Cove; Cafeteria/Kitchen Building,  
 Interior; Northwestern Men's Restroom At Southern Wall**

Lab ID-Version‡: 8706309-1

Sample Layers	Asbestos Content
Black Baseboard	ND
Tan Adhesive	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 75A, Thermal System Insulation - Hard Pack White 3" Elbows; Cafeteria/  
 Kitchen Building, Interior; Northern Mechanical Room At Equipment Assembly**

Lab ID-Version‡: 8706310-1

Sample Layers	Asbestos Content
White Pipe Insulation with Gray Surface	5% Chrysotile
<b>Composite Non-Asbestos Content:</b>	10% Glass Fibers 5% Cotton
<b>Sample Composite Homogeneity:</b>	Good

**Location: 75B, Thermal System Insulation - Hard Pack White 3" Elbows; Cafeteria/  
 Kitchen Building, Interior; Northern Mechanical Room At Equipment Assembly**

Lab ID-Version‡: 8706311-1

Sample Layers	Asbestos Content
White Pipe Insulation with Gray Surface	5% Chrysotile
<b>Composite Non-Asbestos Content:</b>	10% Glass Fibers 5% Cotton
<b>Sample Composite Homogeneity:</b>	Good

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 76A, Thermal System Insulation - Hard Pack White On 3" Runs/Risers;  
 Cafeteria/Kitchen Building, Interior; Northern Mechanical Room At Equipment  
 Assembly**

Lab ID-Version‡: 8706312-1

Sample Layers	Asbestos Content
Off-White Wrap with Gray Paint	ND
White Insulation	ND
<b>Composite Non-Asbestos Content:</b>	25% Cotton
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 76B, Thermal System Insulation - Hard Pack White On 3" Runs/Risers;  
 Cafeteria/Kitchen Building, Interior; Northern Mechanical Room At Equipment  
 Assembly**

Lab ID-Version‡: 8706313-1

Sample Layers	Asbestos Content
Off-White Wrap with Gray Paint	ND
White Insulation	ND
<b>Composite Non-Asbestos Content:</b>	25% Cotton
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 77A, Thermal System Insulation - Hard Pack White 6" Elbows; Cafeteria  
 Kitchen Building, Interior; Eastern Mechanical Room At Equipment Assembly**

Lab ID-Version‡: 8706314-1

Sample Layers	Asbestos Content
Off-White Wrap with Gray Paint	ND
White Insulation	5% Chrysotile
<b>Composite Non-Asbestos Content:</b>	10% Cotton 8% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

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# **ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 77B, Thermal System Insulation - Hard Pack White 6" Elbows; Cafeteria  
 Kitchen Building, Interior; Eastern Mechanical Room At Equipment Assembly**

Lab ID-Version‡: 8706315-1

Sample Layers	Asbestos Content
Off-White Wrap with Gray Paint	ND
White Insulation	5% Chrysotile
<b>Composite Non-Asbestos Content:</b>	10% Cotton 8% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

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Client: Terracon Consultants, Inc. - Emeryville  
 C/O: William Frieszell  
 Re: R1177466; Terra Linda High School, Limited  
 Pre-  
 Renovation Sampling, 320 Nova Albion Way,

Date of Submittal: 01-04-2018  
 Date of Receipt: 01-05-2018  
 Date of Report: 01-10-2018

### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 78A, Thermal System Insulation - Hard Pack White On 6" Runs/Risers;  
 Cafeteria/Kitchen Building, Interior; Eastern Mechanical Room At Equipment Assembly**

Lab ID-Version‡: 8706316-1

Sample Layers	Asbestos Content
Off-White Wrap with Gray Paint	ND
White Insulation	ND
<b>Composite Non-Asbestos Content:</b>	25% Cotton
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 78B, Thermal System Insulation - Hard Pack White On 6" Runs/Risers;  
 Cafeteria/Kitchen Building, Interior; Eastern Mechanical Room At Equipment Assembly**

Lab ID-Version‡: 8706317-1

Sample Layers	Asbestos Content
Off-White Wrap with Gray Paint	ND
White Insulation	ND
<b>Composite Non-Asbestos Content:</b>	25% Cotton
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 79A, Drywall And Joint Compound - Papered; Cafeteria/Kitchen Building,  
 Interior; Nothern Teacher's Lounge At Northwestern Corner**

Lab ID-Version‡: 8706318-1

Sample Layers	Asbestos Content
Cream Adhesive	ND
White Compound	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose < 1% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

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Pre-  
Renovation Sampling, 320 Nova Albion Way,

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Date of Receipt: 01-05-2018  
Date of Report: 01-10-2018

**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 79B, Drywall And Joint Compound - Papered; Cafeteria/Kitchen Building,  
Interior; Northwestern Exit Corridor At Southwestern Wall**

Lab ID-Version‡: 8706319-1

Sample Layers	Asbestos Content
Cream Adhesive	ND
White Compound with White Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose < 1% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

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 Pre-  
 Renovation Sampling, 320 Nova Albion Way,

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 80A, Wall Plaster System - Grey With White Finish Coat; Cafeteria/Kitchen  
 Building, Interior; Northern Mechanical Room At Western Wall**

Lab ID-Version‡: 8706320-1

Sample Layers	Asbestos Content
White Plaster with Tan Surface	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 80B, Wall Plaster System - Grey With White Finish Coat; Cafeteria/Kitchen  
 Building, Interior; Eastern Mechanical Room At Western Wall Center**

Lab ID-Version‡: 8706321-1

Sample Layers	Asbestos Content
Tan Skim Coat	ND
Light Gray Base Coat	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 80C, Wall Plaster System - Grey With White Finish Coat; Cafeteria/Kitchen  
 Building, Interior; Northern Entry Storage Area At Western Wall**

Lab ID-Version‡: 8706322-1

Sample Layers	Asbestos Content
Tan Skim Coat with White Paint	ND
Light Gray Base Coat	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 80D, Wall Plaster System - Grey With White Finish Coat; Cafeteria/Kitchen  
 Building, Interior; Eastern Women's Restroom Vestibule Area At North Wall**

Lab ID-Version‡: 8706323-1

Sample Layers	Asbestos Content
White Skim Coat with Multilayered Paint	< 1% Chrysotile
Light Gray Base Coat	ND
<b>Sample Composite Homogeneity:</b> Moderate	

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Client: Terracon Consultants, Inc. - Emeryville  
 C/O: William Frieszell  
 Re: R1177466; Terra Linda High School, Limited  
 Pre-  
 Renovation Sampling, 320 Nova Albion Way,

Date of Submittal: 01-04-2018  
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 Date of Report: 01-10-2018

### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 80E, Wall Plaster System - Grey With White Finish Coat; Cafeteria/Kitchen  
 Building, Interior; Eastern Women's Restroom Area At West Wall**

Lab ID-Version‡: 8706324-1

Sample Layers	Asbestos Content
White Skim Coat with Multilayered Paint	< 1% Chrysotile
Light Gray Base Coat	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 80F, Wall Plaster System - Grey With White Finish Coat; Cafeteria/Kitchen  
 Building, Interior; Central Refrigerator Storage Area At Northeast Entry**

Lab ID-Version‡: 8706325-1

Sample Layers	Asbestos Content
Tan Skim Coat with Multilayered Paint	ND
Light Gray Base Coat	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 80G, Wall Plaster System - Grey With White Finish Coat; Cafeteria/Kitchen  
 Building, Interior; Central Kitchen Storage Area At Eastern Wall**

Lab ID-Version‡: 8706326-1

Sample Layers	Asbestos Content
Tan Skim Coat with Multilayered Paint	ND
Light Gray Base Coat	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 81A, Terrazzo Flooring System - Pink With Mortar Layer; Cafeteria/Kitchen  
 Building, Interior; Main Kitchen Area At Southwestern Corner**

Lab ID-Version‡: 8706327-1

Sample Layers	Asbestos Content
Pink Flooring (Terrazo)	< 1% Chrysotile
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b> Moderate	

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 81B, Terrazzo Flooring System - Pink With Mortar Layer; Cafeteria/Kitchen  
 Building, Interior; Southeastern Kitchen Storage Area At West Entry Way**

Lab ID-Version‡: 8706328-1

Sample Layers	Asbestos Content
Pink Flooring (Terrazo)	< 1% Chrysotile
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 81C, Terrazzo Flooring System - Pink With Mortar Layer; Cafeteria/Kitchen  
 Building, Interior; Western Side Of Building At Main Cafeteria Entry**

Lab ID-Version‡: 8706329-1

Sample Layers	Asbestos Content
Pink Flooring (Terrazo)	< 1% Chrysotile
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 82A, Building Concrete Materials; Cafeteria/Kitchen Building, Interior;  
 Northern Mechanical Room At Northern Perimeter Wall**

Lab ID-Version‡: 8706330-1

Sample Layers	Asbestos Content
Gray Concrete	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 82B, Building Concrete Materials; Cafeteria/Kitchen Building, Exterior -  
 Southwestern Side Of Building At Southern Perimeter Column**

Lab ID-Version‡: 8706331-1

Sample Layers	Asbestos Content
Gray Concrete with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b> Good	

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Pre-  
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Date of Report: 01-10-2018

**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 82C, Building Concrete Materials; Cafeteria/Kitchen Building, Interior -  
Eastern Mechanical Room At Eastern Entry Way Slab**

Lab ID-Version‡: 8706332-1

Sample Layers	Asbestos Content
Gray Concrete with Off-White Paint	ND
Sample Composite Homogeneity: Moderate	

**Location: 83A, Building Base/Pavement Seam Sealant - Light Grey; Cafeteria/Kitchen  
Building, Exterior; Southwestern Corner Of Building At Building Base**

Lab ID-Version‡: 8706333-1

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

**Location: 83B, Building Base/Pavement Seam Sealant - Light Grey; Cafeteria/Kitchen  
Building, Exterior; Western Side Of Building At Main Walkway Area**

Lab ID-Version‡: 8706334-1

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

**Location: 84A, Exterior Elastomeric Paint - Beige; Cafeteria/Kitchen Building, Exterior;  
Northeastern Side Of Building At Perimeter Wall**

Lab ID-Version‡: 8706335-1

Sample Layers	Asbestos Content
Multicolored Paint Layers	ND
Sample Composite Homogeneity: Moderate	

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Renovation Sampling, 320 Nova Albion Way,

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Date of Report: 01-10-2018

**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 84B, Exterior Elastomeric Paint - Beige; Cafeteria/Kitchen Building, Exterior;  
South Southeastern Corner Of Building At Office Perimeter**

Lab ID-Version‡: 8706336-1

Sample Layers	Asbestos Content
Multicolored Paint Layers	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 84C, Exterior Elastomeric Paint - Beige; Cafeteria/Kitchen Building, Exterior;  
Southwestern Corner Of Building**

Lab ID-Version‡: 8706337-1

Sample Layers	Asbestos Content
Multicolored Paint Layers	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 85A, Window Glazing Putty - Grey; Cafeteria/Kitchen Building, Exterior;  
North Northeastern Side Of Building At Window Assembly**

Lab ID-Version‡: 8706338-1

Sample Layers	Asbestos Content
Off-White Window Putty	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 85B, Window Glazing Putty - Grey; Cafeteria/Kitchen Building, Exterior;  
Southwestern Corner Of Building At Window Assembly**

Lab ID-Version‡: 8706339-1

Sample Layers	Asbestos Content
Gray Window Putty	ND
<b>Sample Composite Homogeneity:</b>	Good

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**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Location: 85C, Window Glazing Putty - Grey; Cafeteria/Kitchen Building, Exterior;  
 Southern Central Side Of Building At Window Assembly**

Lab ID-Version‡: 8706340-1

Sample Layers	Asbestos Content
Gray Window Putty	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 86A, Metal To Concrete Framing Sealant - White; Cafeteria/Kitchen Building,  
 Exterior; Southern Side Of Building At Main Cafeteria Entry Way**

Lab ID-Version‡: 8706341-1

Sample Layers	Asbestos Content
Tan Sealant with Multilayered Paint	4% Chrysotile
<b>Sample Composite Homogeneity:</b> Good	

**Location: 86B, Metal To Concrete Framing Sealant - White; Cafeteria/Kitchen Building,  
 Exterior; Western Side Of Building At Southern Cafeteria Entry Way**

Lab ID-Version‡: 8706342-1

Sample Layers	Asbestos Content
Tan Sealant with Multilayered Paint	4% Chrysotile
White Sealant with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 87A, Metal To Concrete Framing Sealant - Grey; Cafeteria/Kitchen Building,  
 Exterior; Northeastern Side Of Building At Teachers Lounge Entry Way**

Lab ID-Version‡: 8706343-1

Sample Layers	Asbestos Content
White Sealant with Multilayered Paint	ND
Gray Sealant with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b> Poor	

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### ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

**Location: 87B, Metal To Concrete Framing Sealant - Grey; Cafeteria/Kitchen Building, Exterior; Northeastern Side Of Building At Teacher's Lounge Entry Way**

Lab ID-Version‡: 8706344-1

Sample Layers	Asbestos Content
White Sealant with Off-White Paint	ND
Gray Sealant with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b> Poor	

**Location: 88A, CMU Block System - Red Block With Grey Mortar; Cafeteria/Kitchen Building, Exterior; Northeastern Cafeteria Courtyard At Northern Wall**

Lab ID-Version‡: 8706345-1

Sample Layers	Asbestos Content
Brown Block with Multilayered Paint	ND
Gray Mortar with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b> Poor	

**Location: 88B, CMU Block System - Red Block With Grey Mortar; Cafeteria/Kitchen Building, Exterior; Northeastern Cafeteria Courtyard At Eastern Wall**

Lab ID-Version‡: 8706346-1

Sample Layers	Asbestos Content
Brown Block with Multilayered Paint	ND
Gray Mortar with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b> Poor	

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# Terracon

1466 66th Street, Emeryville, California



001857441

## ACM BULK SAMPLE DATA SHEET

\* PLM Analysis  
Stop Analysis at First Positive

Page 1 of 19

X Analyze All Samples

Point Count Analysis (400-point)

✓ PM - W. Frieszell wfrieszell@terracon.com	PM - K. Se Karin@arguany.com	KCS@arguany.com
PM - T. Katchee Ted@arguany.com	PM - S. Steiner steff@arguany.com	PM - W. Frieszell wfrieszell@terracon.com

Project Name/Address	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California					
RGA Project Number	R1177466	Sampled By	W. Frieszell	Sampling Date	January 2-4, 2018	
Laboratory	EMTab	X Other	Turn Around Time	5 Day	X	Other (Specify)

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

HM# 1	Material Description: <b>Drywall Texturing Material - "Orange Peel" Style</b>	
Sample ID	Sample Location & Material Location	Quantity:
1 A	Library Building, Interior - Storage Closet Area E6 at Entry Way	
1 B	Library Building, Interior - Main Library Room E8 at Northwestern Corner	
1 C	Library Building, Interior - Main Library Room E8 at Eastern Column	
1 D	Library Building, Interior - Computer Lab Area E3 at Southwestern Corner	
1 E	Library Building, Interior - Main Corridor Area E1 at Library Entrance Way	
1 F	Library Building, Interior - Southern Break Room Area E11 at Southeastern Corner	
1 G	Library Building, Interior - Southern Break Room Area E11 at Northern Wall	
Material Location:		
HM# 2	Material Description: <b>Drywall and Joint Compound</b>	
Sample ID	Sample Locations	Quantity:
2 A	Library Building, Interior - Storage Closet Area E6 at Northwestern Corner	
2 B	Library Building, Interior - Main Library Room E8 at Eastern Column	
2 C	Library Building, Interior - Computer Lab Area E3 at Southwestern Corner	
2 D	Library Building, Interior - Southern Break Room Area E11 at Southeastern Corner	
2 E	Library Building, Interior - Main Library Room E8 at Northeastern Corner	
Material Location:		
HM# 3	Material Description: <b>Cove Base Adhesive - White on 4" Grey Cove</b>	
Sample ID	Sample Location & Material Location	Quantity:
3 A	Library Building, Interior - Storage Closet Area E6 at Northwestern Corner	
3 B	Western Classroom Building, Interior - Classroom Area 310 at Northern Side	
3 C	Eastern Classroom Building, Interior - Classroom Area 109 at Southwestern Corner	
Material Location:		
HM# 4	Material Description: <b>Carpet Mastic - Yellow</b>	
Sample ID	Sample Location & Material Location	Quantity:
4 A	Library Building, Interior - Conference Room Area E7 at Northeastern Corner	
4 B	Library Building, Interior - Main Library Room E8 at Northeastern Corner	
4 C	Eastern Classroom Building, Interior - Nursing Room Area 115 at Approximate Center	
Material Location:		

Relinquished By:	NAME: William Frieszell	SIGNATURE: <i>William Frieszell</i>	COMPANY: Terracon Consultants	DATE: January 4, 2018
Received By:				
Relinquished By:	Fedex 1003	Kinell 1174		1/5/18
Received By:				

# Terracon

1466 66th Street, Emeryville, Calif



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## ACM BULK SAMPLE DATA SHEET

\* PLM Analysis

Page 2 of 19

Stop Analysis at First Positive

X Analyze All Samples

Point Count Analysis (400-point)

✓ PM - W. Frieszell wfrieszell@terracon.com	PM - R. Karin Karin@raenv.com	DPH (Signature)
PM - T. Katchee Ted@terracon.com	PM - S. Steiner sloft@raenv.com	PM - W. Frieszell wfrieszell@terracon.com

Project Name/Address	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California					
RGA Project Number	R1177466	Sampled By	W. Frieszell	Sampling Date	January 2-4, 2018	
Laboratory	EMLab	X Other		Turn Around Time	5 Day	X Other (Specify)

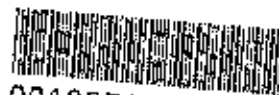
\*\*\*FAX OR E-MAIL REPORT TO: SEE ABOVE PROJECT MANAGER (PM)\*\*\*

HM# 5	Material Description: Floor Tile - 12" White with Tan Flecks and Yellow Mastic	
Sample ID	Sample Location & Material Location	Quantity:
5 A	Library Building, Interior - Storage Closet Area E6 at Northwestern Corner	
5 B	Western Classroom Building, Interior - Classroom Area 310 at Northern Side	
5 C	Library Building, Interior - Southern Break Room Area E11 at Northeastern Corner	
Material Location:		
HM# 6	Material Description: Ceiling Tile - 2'x2' White Lay-in System, Rough	
Sample ID	Sample Location & Material Location	Quantity:
6 A	Library Building, Interior - Conference Room Area E7 at Approximate Center	
6 B	Western Classroom Building, Interior - Classroom Area 310 at Approximate Center	
6 C	Eastern Classroom Building, Interior - Nursing Room Area 115 at Approximate Center	
Material Location:		
HM# 7	Material Description: Wall Treatment System - Purple Wall Covering with Adhesive	
Sample ID	Sample Locations	Quantity:
7 A	Library Building, Interior - Conference Room Area E7 at Northern Wall	
7 B	Western Classroom Building, Interior - Classroom Area 312 at Northwestern Corner	
7 C	Library Building, Interior - Main Library Room E8 at Northeastern Corner	
Material Location:		
HM# 8	Material Description: Floor Tile - 12" White with Tan Flecks and Black Mastic	
Sample ID	Sample Location & Material Location	Quantity:
8 A	Eastern Classroom Building, Interior - Classroom Area 111 at Northwestern Corner	
8 B	Eastern Classroom Building, Interior - Classroom Area 111 at Southwestern Corner	
8 C	Eastern Classroom Building, Interior - Classroom Area 111 at Northeastern Corner	
Material Location:		
HM# 9	Material Description: Carpet Mastic - Green with Residual Black	
Sample ID	Sample Location & Material Location	Quantity:
9 A	Eastern Classroom Building, Interior - Nursing Room Area 115 at Eastern Side	
9 B	Eastern Classroom Building, Interior - Classroom Area 109 at Northwestern Corner	
9 C	Eastern Classroom Building, Interior - Classroom Area 109 at Southwestern Corner	
Material Location:		

Relinquished By:	NAME: William Frieszell	SIGNATURE: <i>William Frieszell</i>	COMPANY: Terracon Consultants	DATE: January 4, 2018
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Received By:				

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## ACM BULK SAMPLE DATA SHEET

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<input checked="" type="checkbox"/> PM - W. Frieszell wfrieszell@terracon.com	<input type="checkbox"/> PM - K. Korin@terracon.com
<input type="checkbox"/> PM - T. Kattchee TKattchee@terracon.com	<input type="checkbox"/> PM - S. Steiner ssteiner@terracon.com
<input type="checkbox"/> PM - W. Frieszell wfrieszell@terracon.com	

Project Name/Address	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California					
RGA Project Number	RI177466	Sampled By	W. Frieszell	Sampling Date	January 2-4, 2018	
Laboratory	EMLab	<input checked="" type="checkbox"/> Other	Turn Around Time	5 Day	<input checked="" type="checkbox"/> Other (Specify)	

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

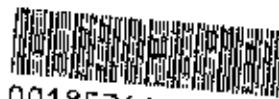
HM# 10	Material Description: Sink Undercoating Material - Grey	
Sample ID	Sample Location & Material Location	Quantity:
10 A	Eastern Classroom Building, Interior - Nursing Room Area 113 at Sink Counter	
10 B	Eastern Classroom Building, Interior - Nursing Room Area 113 at Sink Counter	
10 C	Library Building, Interior - Southern Break Room Area E11 at Eastern Side	
Material Location:		
HM# 11	Material Description: Building Concrete Materials	
Sample ID	Sample Location & Material Location	Quantity:
11 A	Library Building, Interior - Southern Break Room Area E11 at Eastern Side	
11 B	Library Building, Interior - Main Library Room E8 at Northwestern Foundation Slab	
11 C	Library Building, Exterior - Southern Side of Building at Entry Way	
Material Location:		
HM# 12	Material Description: Window Framing Sealant - Grey	
Sample ID	Sample Locations	Quantity:
12 A	Library Building, Exterior - Main Library E8 at Northwestern Glass Frame	
12 B	Library Building, Exterior - Main Library E8 at Northeastern Glass Frame	
12 C		
Material Location:		
HM# 13	Material Description: Building Base Sealant - Grey	
Sample ID	Sample Location & Material Location	Quantity:
13 A	Library Building, Exterior - Main Library E8 at Northwestern Exterior Wall	
13 B	Library Building, Exterior - Main Library E8 at Northeastern Exterior Wall	
13 C		
Material Location:		
HM# 14	Material Description: Enamel Coating on Steel Window Panels - Grey/Beige	
Sample ID	Sample Location & Material Location	Quantity:
14 A	Library Building, Exterior - Main Library E8 at Northwestern Glass Frame	
14 B		
14 C		
Material Location:		

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Relinquished By:	Fedex 1000	R. G. Frieszell		1/5/18
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✓ PM - W. Frieszell wfrieszell@terracon.com	PM - K. Korin@terracon.com
PM - T. Katchee Tedd@terracon.com	PM - S. Steiner steff@terracon.com
	PM - W. Frieszell wfrieszell@terracon.com

Project Name/Address	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California						
RGA Project Number	R1177466	Sampled By	W. Frieszell	Sampling Date	January 2-4, 2018		
Laboratory	EMLab	X Other	Turn Around Time	5 Day	X	Other (Specify)	

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

HM# 15	Material Description: Exterior Paint - Textured Elastomeric	
Sample ID	Sample Location & Material Location	Quantity:
15 A	Library Building, Exterior - Southern Side of Building at Entry Way	
15 B	Library Building, Exterior - Main Library E8 at Northwestern Exterior Wall	
15 C	Western Classroom Building, Exterior - Western Wing Exterior at Eastern Wall	
Material Location:		
HM# 16	Material Description: Window Glazing Putty - Grey	
Sample ID	Sample Location & Material Location	Quantity:
16 A	Western Classroom Building, Exterior - Western Wing Exterior at Eastern Window Assembly	
16 B	Western Classroom Building, Exterior - Western Wing Exterior at Northeastern Window Assembly	
C		
Material Location:		
HM# 17	Material Description: Window Framing Mastic - Tan	
Sample ID	Sample Locations	Quantity:
17 A	Western Classroom Building, Exterior - Western Wing Exterior at Eastern Window Assembly	
17 B	Western Classroom Building, Exterior - Western Wing Exterior at Northeastern Window Assembly	
C		
Material Location:		
HM# 18	Material Description: Window Framing Mastic - White	
Sample ID	Sample Location & Material Location	Quantity:
18 A	Eastern Classroom Building, Exterior - Eastern Wing Exterior at Northwestern Window Assembly	
18 B	Eastern Classroom Building, Exterior - Eastern Wing Exterior at Western Window Assembly	
C		
Material Location:		
HM# 19	Material Description: Storefront Window to Building Sealant - Tan	
Sample ID	Sample Location & Material Location	Quantity:
19 A	Library Building, Exterior - Main Library E8 at Northwestern Exterior Wall	
19 B	Library Building, Exterior - Main Library E8 at Northeastern Exterior Wall	
C		
Material Location:		

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<input checked="" type="checkbox"/> PM - W. Frieszell w.frieszell@terracon.com	PM - K. S. Karin@terracon.com
PM - T. Kitchee Tedd@terracon.com	PM - S. Steiner s.steiner@terracon.com
	PM - W. Frieszell w.frieszell@terracon.com

Project Name/Address	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California					
RGA Project Number	R1177466	Sampled By	W. Frieszell	Sampling Date	January 2-4, 2018	
Laboratory	EMLab	<input checked="" type="checkbox"/> Other	Turn Around Time	5 Day	<input checked="" type="checkbox"/> Other (Specify)	

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

HM# 20	Material Description: <b>Epoxy Floor Coating - Grey</b>	
Sample ID	Sample Location & Material Location	Quantity:
A	*****INACCESSIBLE - ASSUMED*****	
B		
C		
Material Location:	Main Library Building at Restrooms	
HM# 21	Material Description: <b>Ceramic Wall Tile System - 4" Peach Tile with Grout and Adhering Agent</b>	
Sample ID	Sample Location & Material Location	Quantity:
A	*****INACCESSIBLE - ASSUMED*****	
B		
C		
Material Location:	Main Library Building at Restrooms	
HM# 22	Material Description: <b>Granite Style Paint - Grey</b>	
Sample ID	Sample Locations	Quantity:
22 A	Library Building, Interior - Southern Corridor Area E1 at Southern Wall	
22 B	Eastern Classroom Building, Interior - Central Corridor Area 100 at Eastern Wall	
C		
Material Location:		
HM# 23	Material Description: <b>Floor Tile - 12" White with Black Speckles and Yellow Mastic</b>	
Sample ID	Sample Location & Material Location	Quantity:
23 A	Western Classroom Building, Interior - MDF Room 314 at Southeast Corner	
23 B	Western Classroom Building, Interior - MDF Room 314 at Eastern Side	
23 C	Western Classroom Building, Interior - MDF Room 314 at Western Entry Way	
Material Location:		
HM# 24	Material Description: <b>Sink Undercoating Material - Black</b>	
Sample ID	Sample Location & Material Location	Quantity:
24 A	Western Classroom Building, Interior - MDF Room 314 at Eastern Sink	
24 B	Western Classroom Building, Interior - MDF Room 314 at Eastern Sink	
C		
Material Location:		

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✓ PM - W. Frieszell wfrieszell@terracon.com	PM - K. Kuntz kkuntz@terracon.com	Ken@terracon.com
PM - T. Katchee Tkd@terracon.com	PM - S. Steiner ssteiner@terracon.com	PM - W. Frieszell wfrieszell@terracon.com

Project Name/Address	Teria Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California					
RGA Project Number	R1177466	Sampled By	W. Frieszell	Sampling Date	January 2-4, 2018	
Laboratory	EMLab	X Other	Turn Around Time	5 Day	X	Other (Specify)

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

HM# 25	Material Description: Drywall and Joint Compound - Music/Theater Southeast Connector		
Sample ID	Sample Location & Material Location	Quantity:	
25 A	Music/Theater Southeastern Connector, Interior - Northeastern Corner of Building		
25 B	Music/Theater Southeastern Connector, Interior - Southwestern Corner of Building		
25 C	Music/Theater Southeastern Connector, Interior - Southeastern Corner of Building		
Material Location:			
HM# 26	Material Description: Exterior Stucco Wall System - Grey (Music/Theater Southeast Connector)		
Sample ID	Sample Location & Material Location	Quantity:	
26 A	Music/Theater Southeastern Connector, Exterior - Northwestern Corner of Building		
26 B	Music/Theater Southeastern Connector, Exterior - Western Side of Building (Inside)		
26 C	Music/Theater Building, Exterior - Southeastern Corner of Building		
Material Location:			
HM# 27	Material Description: Exterior Connector Seam Sealant - Grey		
Sample ID	Sample Locations	Quantity:	
27 A	Music/Theater Southeastern Connector, Exterior - Northwestern Corner of Building		
27 B	Music/Theater Southeastern Connector, Exterior - Southwestern Corner of Building		
C			
Material Location:			
HM# 28	Material Description: Carpet Mastic - Green		
Sample ID	Sample Location & Material Location	Quantity:	
28 A	Music/Theater Building, Interior - Eastern Band Room Area at Southeastern Corner		
28 B	Music/Theater Building, Interior - Eastern Band Room Area at Western Entry Way		
28 C	Music/Theater Building, Interior - Northeastern Band Room Office Area at Southeast Corner		
Material Location:			
HM# 29	Material Description: Cove Base Adhesive - Tan on 4" Blue Cove		
Sample ID	Sample Location & Material Location	Quantity:	
29 A	Music/Theater Building, Interior - Eastern Band Room Area at Southeastern Corner		
29 B	Music/Theater Building, Interior - Southern Central Band Room Office Area at Southeastern Corner		
C			
Material Location:			

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<input checked="" type="checkbox"/> PM - W. Frieszell wfrieszell@terracon.com	PM - K. Kunze
PM - T. Kattelie Tedk@gacny.com	PM - S. Steiner steif@gacny.com
	PM - W. Frieszell wfrieszell@terracon.com

Project Name/Address		Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California			
RGA Project Number		R1177466		Sampled By	W. Frieszell
Laboratory	EMLab	X	Other	Turn Around Time	5 Day
					X Other (Specify)

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

HM# 30	<b>Material Description: Interior Plaster Wall System - Grey with Tan Smooth Coat</b>	
Sample ID	Sample Location & Material Location	Quantity
30 A	Music/Theater Building, Interior - Eastern Band Room Area at Southeastern Corner Column	
30 B	Music/Theater Building, Interior - Northeastern Band Room Office Area at Western Wall	
30 C	Music/Theater Building, Interior - Northern Sheet Music Storage Library at Eastern Wall	
30 D	Music/Theater Building, Interior - Northwestern ASB Club Area at Northeastern Corner	
30 E	Music/Theater Building, Interior - Northwestern ASB Club Area at Southwestern Corner	
30 F	Music/Theater Building, Interior - Northern Drama Club Area at Southwestern Corner	
30 G	Music/Theater Building, Interior - Central Sink Counter Storage Room at Southwestern Corner	
Material Location:		
HM# 31	<b>Material Description: Acoustical Wall Treatment Adhesive - White</b>	
Sample ID	Sample Location & Material Location	Quantity
31 A	Music/Theater Building, Interior - Eastern Band Room Area at Western Entry Way	
31 B	Music/Theater Building, Interior - Eastern Band Room Area at Western Entry Way	
C		
Material Location:		
HM# 32	<b>Material Description: Ceiling Tile - 2'x4' White Lay-in System, Pinhole/Fissure Pattern</b>	
Sample ID	Sample Locations	Quantity
32 A	Music/Theater Building, Interior - Northwestern Band Room Office Area at Southwest Chaso	
32 B	Music/Theater Building, Interior - Northwestern Band Room Office Area at Southwest Chaso	
C		
Material Location:		
HM# 33	<b>Material Description: Drywall and Joint Compound - Smooth</b>	
Sample ID	Sample Location & Material Location	Quantity
33 A	Music/Theater Building, Interior - 3rd From West Storage Corridor at Southwestern Corner	
33 B	Music/Theater Building, Interior - Southern Central Band Room Office Area at Southeastern Corner	
33 C	Music/Theater Building, Interior - Eastern Band Room Area at Northwestern Office Entry Way	
Material Location:		

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<input checked="" type="checkbox"/> PM - W. Frieszell wfrieszell@terracon.com	PM - K. Schreiner Kschreiner@terracon.com	PM - K. Phipps Khipps@terracon.com
PM - T. Kutschee TKutschee@terracon.com	PM - S. Steiner ssteiner@terracon.com	PM - W. Frieszell wfrieszell@terracon.com

Project Name/Address	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California					
RGA Project Number	RI177466	Sampled By	W. Frieszell	Sampling Date	January 2-4, 2018	
Laboratory	EMLab	<input checked="" type="checkbox"/> Other	Turn Around Time	5 Day	<input checked="" type="checkbox"/> Other (Specify)	

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

HM# 34	Material Description: Drywall Texturing Material - "Orange Peel" Style		
Sample ID	Sample Location & Material Location	Quantity:	
34 A	Music/Theater Building, Interior - Men's Restroom Area at Northern Wall		
34 B	Music/Theater Building, Interior - Men's Restroom Area at Southern Wall		
34 C	Music/Theater Building, Interior - Women's Restroom Area at Eastern Wall		
Material Location:			
HM# 35	Material Description: Drywall and Joint Compound - Textured		
Sample ID	Sample Location & Material Location	Quantity:	
35 A	Music/Theater Building, Interior - Men's Restroom Area at Northern Entry Way		
35 B	Music/Theater Building, Interior - Women's Restroom Area at Northern Entry Way		
C			
Material Location:			
HM# 36	Material Description: Wainscot Adhesive - Orange on White FRP Paneling		
Sample ID	Sample Locations	Quantity:	
36 A	Music/Theater Building, Interior - Men's Restroom Area at Northern Entry Way		
36 B	Music/Theater Building, Interior - Women's Restroom Area at Northern Entry Way		
C			
Material Location:			
HM# 37	Material Description: Parge/Texture Patch Coat on Concrete Wall - White		
Sample ID	Sample Location & Material Location	Quantity:	
37 A	Music/Theater Building, Interior - Eastern Band Room Area at Southeastern Perimeter Wall		
37 B	Music/Theater Building, Interior - Eastern Band Room Area at Eastern Perimeter Wall		
37 C	Music/Theater Building, Interior - Eastern Band Room Area at Northeastern Perimeter Wall		
Material Location:			
HM# 38	Material Description: Ceiling Tile - 1'x1' White, Rough Texture with Tan Adhesive		
Sample ID	Sample Location & Material Location	Quantity:	
38 A	Music/Theater Building, Interior - Southwestern Theater Control Room at Northern Side		
38 B	Music/Theater Building, Interior - Southwestern Theater Control Room at Southern Side		
38 C	Music/Theater Building, Interior - Southwestern Band Practice Room at Approximate Center		
Material Location:			

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PM - T. Kaitchee TKaitchee@terracon.com	PM - S. Steiner ssteiner@terracon.com
	PM - W. Frieszell w.frieszell@terracon.com

Project Name/Address	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California					
RGA Project Number	RI177466	Sampled By	W. Frieszell	Sampling Date	January 2-4, 2018	
Laboratory	BMLab	X Other		Turn Around Time	5 Day	X Other (Specify)

HM# 39	Material Description: Acoustical Wall Plaster System - White with Black Paint		
Sample ID	Sample Location & Material Location	Quantity:	
39 A	Music/Theater Building, Interior - Southwestern Black Box Theater Area at Northeastern Corner		
39 B	Music/Theater Building, Interior - Southwestern Black Box Theater Area at Northern Wall		
39 C	Music/Theater Building, Interior - Southwestern Black Box Theater Area at Northwestern Corner		
39 D	Music/Theater Building, Interior - Southwestern Black Box Theater Area at Southwestern Corner		
39 E	Music/Theater Building, Interior - Southwestern Black Box Theater Area at Eastern Wall		
Material Location:			
HM# 40	Material Description: Sheet Flooring System - Pale Blue Pebble Pattern with Black Felt Layer		
Sample ID	Sample Location & Material Location	Quantity:	
40 A	Music/Theater Building, Interior - Men's Restroom Area at Northern Entry Way		
40 B	Music/Theater Building, Interior - Women's Restroom Area at Northern Entry Way		
Material Location:			
HM# 41	Material Description: Floor Tile - 12" Dark Grey with Grey Flecks and Black Mastic		
Sample ID	Sample Locations	Quantity:	
41 A	Music/Theater Building, Interior - Southwestern Black Box Theater Area at Southeastern Corner		
41 B	Music/Theater Building, Interior - Southwestern Black Box Theater Storage Area at Entry Way		
41 C	Music/Theater Building, Interior - Southwestern Theater Control Room at Northern Side		
Material Location:			
HM# 42	Material Description: Floor Tile - 12" Light Grey with Grey Flecks and Black Mastic		
Sample ID	Sample Location & Material Location	Quantity:	
42 A	Music/Theater Building, Interior - Western Storage Corridor at Southern Entry Way		
42 B	Music/Theater Building, Interior - Central Storage Corridor at Northern Entry Way		
42 C	Music/Theater Building, Interior - Eastern Storage Corridor at Northern Entry Way		
Material Location:			
HM# 43	Material Description: Floor Tile - 12" Blue with Yellow Mastic		
Sample ID	Sample Location & Material Location	Quantity:	
43 A	Music/Theater Building, Interior - Northwestern ASB Club Area at Northwestern Corner		
43 B	Music/Theater Building, Interior - Northern ASB Club Storage Area at Northeastern Corner		
43 C	Music/Theater Building, Interior - Northern Drama Club Area at Eastern Side		
Material Location:			

Relinquished By:	NAME: William Frieszell	SIGNATURE: <i>William Frieszell</i>	COMPANY: Terracon Consultants	DATE: January 4, 2018
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✓ PM - W. Frieszell wfrieszell@terracon.com	PM - K. Sc Kerlin@terracon.com
PM - T. Kattelle TKattelle@terracon.com	PM - S. Steiner sstey@terracon.com
	PM - W. Frieszell wfrieszell@terracon.com

Project Name/Address	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California					
RGA Project Number	R1177466	Sampled By	W. Frieszell/R. Caldwell	Sampling Date	January 2-4, 2018	
Laboratory	BMLab	X Other		Turn Around Time	5 Day	X Other (Specify)

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

HM# 44	<b>Material Description: Floor Tile - 12" White with Tan Flecks and Black Mastic</b>		
Sample ID	<b>Sample Location &amp; Material Location</b>		<b>Quantity:</b>
44 A	Music/Theater Building, Interior - Restroom Corridor Area at Western Entry Way		
44 B	Music/Theater Building, Interior - Restroom Corridor Area at Southeastern Corner		
C			
Material Location:			
HM# 45	<b>Material Description: Drywall and Joint Compound</b>		
Sample ID	<b>Sample Location &amp; Material Location</b>		<b>Quantity:</b>
45 A	Music/Theater Unisex Restroom Building, Interior - Western Restroom at Southeastern Corner		
45 B	Music/Theater Unisex Restroom Building, Interior - Eastern Restroom at Southwestern Corner		
C			
Material Location:			
HM# 46	<b>Material Description: Ceramic Wall Tile System - 4" Peach Tile with Grout and Mortar</b>		
Sample ID	<b>Sample Locations</b>		<b>Quantity:</b>
46 A	Music/Theater Unisex Restroom Building, Interior - Western Restroom at Eastern Wall		
46 B	Music/Theater Unisex Restroom Building, Interior - Eastern Restroom at Western Wall		
Material Location:			
HM# 47	<b>Material Description: Ceramic Floor Tile System - 1" Grey Tile with Grout and Mortar</b>		
Sample ID	<b>Sample Location &amp; Material Location</b>		<b>Quantity:</b>
47 A	Music/Theater Unisex Restroom Building, Interior - Western Restroom at Southern Entry Way		
47 B	Music/Theater Unisex Restroom Building, Interior - Western Restroom at Southern Entry Way		
Material Location:			
HM# 48	<b>Material Description: Building Concrete Materials</b>		
Sample ID	<b>Sample Location &amp; Material Location</b>		<b>Quantity:</b>
48 A	Music/Theater Southeastern Connector, Interior - Approximate Center at Slab		
48 B	Music/Theater Building, Exterior - Southeastern Corner of Building at Perimeter Column		
48 C	Music/Theater Building, Exterior - Eastern Side of Building at Perimeter Wall System		
48 D	Music/Theater Corner Storage Building, Exterior - Southwestern Corner of Building		
48 E	Music/Theater Unisex Restroom Building, Exterior - Southeastern Corner of Building		
Material Location:			

Relinquished By:	NAME: William Frieszell	SIGNATURE: <i>William Frieszell</i>	COMPANY: Terracon Consultants	DATE: January 4, 2018
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<input checked="" type="checkbox"/> PM - W. Frieszell wfrieszell@terracon.com	<input type="checkbox"/> PM - Karl
<input type="checkbox"/> PM - T. Katchee Ted@terracon.com	<input type="checkbox"/> PM - S. Steiner steff@terracon.com
<input type="checkbox"/> PM - W. Frieszell wfrieszell@terracon.com	

Project Name/Address	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California					
RGA Project Number	R1177466	Sampled By	W. Frieszell/R. Caldwell	Sampling Date	January 2-4, 2018	
Laboratory	BMLab	<input checked="" type="checkbox"/> Other	Turn Around Time	5 Day	<input checked="" type="checkbox"/> Other (Specify)	

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

HM# 49	Material Description: <b>Rough Textured Elastomeric Paint - Beige</b>		
Sample ID	Sample Location & Material Location	Quantity:	
49 A	Music/Theater Unisex Restroom Building, Exterior - Southern Perimeter Wall at Western Side		
49 B	Music/Theater Unisex Restroom Building, Exterior - Southern Perimeter Wall at Approximate Center		
49 C	Music/Theater Unisex Restroom Building, Exterior - Southern Perimeter Wall at Eastern Side		
Material Location:			
HM# 50	Material Description: <b>Transite Exhaust Flue</b>		
Sample ID	Sample Location & Material Location	Quantity: 40 lf	
A	*****ACM - ASSUMED*****		
B			
C			
Material Location:			
HM# 51	Material Description: <b>Pipe End Cap Sealant - White</b>		
Sample ID	Sample Locations	Quantity:	
51 A	Music/Theater Building, Interior - Southeastern Mechanical Room at Northern Side		
51 B	Music/Theater Building, Interior - Southeastern Mechanical Room at Eastern Side		
51 C	Music/Theater Building, Interior - Southeastern Mechanical Room at Southern Side		
Material Location:			
HM# 52	Material Description: <b>Ceiling Tile - 1'x1' Black Staple-in System, Pinhole/Fissure</b>		
Sample ID	Sample Location & Material Location	Quantity:	
52 A	Music/Theater Building, Interior - Southwestern Black Box Theater Area at Northern Side		
52 B	Music/Theater Building, Interior - Southwestern Black Box Theater Area at Southern Side		
C			
Material Location:			
HM# 53	Material Description: <b>HVAC Vibration Dampening Cloth - Grey</b>		
Sample ID	Sample Location & Material Location	Quantity:	
53 A	Music/Theater Building, Interior - Southeastern Mechanical Room at Western Side		
53 B	Music/Theater Building, Interior - Southeastern Mechanical Room at Western Side		
C			
Material Location:			

Relinquished By:	NAME: William Frieszell	SIGNATURE: <i>William Frieszell</i>	COMPANY: Terracon Consultants	DATE: January 4, 2018
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Relinquished By:	Fedex 1000	SIGNATURE: <i>KGi FPH</i>		1/5/18
Received By:				



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001857441

## ACM BULK SAMPLE DATA SHEET

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☐ Point Count Analysis (400-point)

<input checked="" type="checkbox"/> PM - W. Frieszell wfrieszell@terracon.com	PM - K. S. Kario kario@terracon.com
PM - T. Katchee Ted@terracon.com	PM - S. Steiner steiner@terracon.com
	PM - W. Frieszell wfrieszell@terracon.com

Project Name/Address	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California					
RGA Project Number	R1177466	Sampled By	W. Frieszell/R. Caldwell	Sampling Date	January 2-4, 2018	
Laboratory	EMLab	<input checked="" type="checkbox"/> Other	Turn Around Time	5 Day	<input checked="" type="checkbox"/> Other (Specify)	

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

HM# 54	<b>Material Description: HVAC Ducting Insulation - Grey Cloth on Fiberglass</b>	
Sample ID	Sample Location & Material Location	Quantity
54 A	Music/Theater Building, Interior - Southeastern Mechanical Room at Western Side	
54 B	Music/Theater Building, Interior - Southeastern Mechanical Room at Southwestern Side	
54 C	Music/Theater Building, Interior - Southeastern Mechanical Room at Southwestern Side	
Material Location:		
HM# 55	<b>Material Description: Window Glazing Putty - Grey</b>	
Sample ID	Sample Location & Material Location	Quantity
55 A	Music/Theater Building, Exterior - Northwestern Corner of Building at Window Assembly	
55 B	Music/Theater Building, Exterior - Northern Perimeter of Building at Window Assembly	
55 C	Music/Theater Building, Exterior - Northeastern Corner of Building at Window Assembly	
Material Location:		
HM# 56	<b>Material Description: Exterior Elastomeric Paint - Beige</b>	
Sample ID	Sample Locations	Quantity
56 A	Music/Theater Building, Exterior - Northwestern Corner of Building at Window Assembly	
56 B	Music/Theater Building, Exterior - Northern Perimeter of Building at Window Assembly	
56 C	Music/Theater Building, Exterior - Northeastern Corner of Building at Window Assembly	
Material Location:		
HM# 57	<b>Material Description: Window Glazing Putty - White Patch</b>	
Sample ID	Sample Location & Material Location	Quantity
57 A	Music/Theater Building, Exterior - Northern Perimeter of Building at West Window Assembly	
57 B	Music/Theater Building, Exterior - Northern Perimeter of Building at West Window Assembly	
57 C		
Material Location:		
HM# 58	<b>Material Description: Sink Undercoating - Grey</b>	
Sample ID	Sample Location & Material Location	Quantity
58 A	Music/Theater Building, Interior - Central Sink Counter Storage Room at Western Sink	
58 B	Music/Theater Building, Interior - Central Sink Counter Storage Room at Western Sink	
58 C		
Material Location:		

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Received By:				
Relinquished By:	Fedex 1000	K. Griffith		1/5/18
Received By:				

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Point Count Analysis (400-point)

✓ PM - W. Frieszell w.frieszell@terracon.com	PM - K. Schreier Karin@terracon.com	Ken@terracon.com
PM - T. Kattrose Todd@terracon.com	PM - S. Steiner steiner@terracon.com	PM - W. Frieszell w.frieszell@terracon.com

Project Name/Address	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California					
RGA Project Number	R1177466	Sampled By	W. Frieszell/R. Caldwell	Sampling Date	January 24, 2018	
Laboratory	EMLab	X Other	Turn Around Time	5 Day	X	Other (Specify)

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

HM# 59	Material Description: <b>Sheet Metal Wall Sealant - Grey</b>	
Sample ID	Sample Location & Material Location	Quantity:
59 A	Freestanding Shed Structure, Interior - Southern Perimeter Wall at Approximate Center	
59 B	Freestanding Shed Structure, Exterior - Northeastern Corner of Building	
C		
Material Location:		
HM# 60	Material Description: <b>Asphaltic Paving Material - Black</b>	
Sample ID	Sample Location & Material Location	Quantity:
60 A	Freestanding Shed Structure, Interior - Approximate Center of Shed Floor	
60 B	Freestanding Shed Structure, Exterior - Southeastern Corner of Building	
60 C	Music/Theater Building, Exterior - Southwestern Corner of Building	
60 D	Music/Theater Building, Exterior - Southern Side of Building at Electrical Transformer	
60 E	Music/Theater Building, Exterior - Southeastern Corner of Building at Connector	
60 F	Cafeteria/Kitchen Building, Exterior - Northern Side of Building at Driveway	
60 G	Cafeteria/Kitchen Building, Exterior - Northeastern Side of Building at Employee Parking	
Material Location:		
HM# 61	Material Description: <b>Concrete Paving Material - Red Tinge</b>	
Sample ID	Sample Location & Material Location	Quantity:
61 A	Exterior Amphitheater Area - Northern Side of Space at Stairway to Class Building	
61 B	Exterior Amphitheater Area - Approximate Center of Space	
61 C	Music/Theater Building, Exterior - Northern Side of Building at Electrical Transformer	
Material Location:		
HM# 62	Material Description: <b>Concrete Patch Material - Grey</b>	
Sample ID	Sample Location & Material Location	Quantity:
62 A	Exterior Amphitheater Area - Northwestern Corner Bleacher Area	
62 B	Exterior Amphitheater Area - Southwestern Corner Bleacher Area	
C		
Material Location:		

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Relinquished By:	Fedex 1000	K. Griffith		1/5/18
Received By:				

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## ACM BULK SAMPLE DATA SHEET

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✓ PM - W. Frieszell wfrieszell@terracon.com	PM - K. Schroeder Karin@terracon.com	Karin@terracon.com
PM - T. Kattchee TKattchee@terracon.com	PM - S. Steiner ssteiner@terracon.com	PM - W. Frieszell wfrieszell@terracon.com

Project Name/Address	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California					
RGA Project Number	R1177466	Sampled By	W. Frieszell/R. Caldwell	Sampling Date	January 2-4, 2018	
Laboratory	BMLab	X Other	Turn Around Time	5 Day	X	Other (Specify)

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

HM# 63	<b>Material Description: Concrete Patch Material - Beige</b>	
Sample ID	Sample Location & Material Location	Quantity:
63 A	Exterior Amphitheater Area - Northeastern Corner Bleacher Area	
63 B	Exterior Amphitheater Area - Southeastern Corner Bleacher Area	
Material Location:		
HM# 64	<b>Material Description: Drywall Texturing Material - "Orange Peel" Style</b>	
Sample ID	Sample Location & Material Location	Quantity:
64 A	Cafeteria/Kitchen Building, Interior - Northwestern File Storage Room at Southeast Corner	
64 B	Cafeteria/Kitchen Building, Interior - Northwestern Women's Restroom at Northeast Corner	
64 C	Cafeteria/Kitchen Building, Interior - Main Cafeteria Area, Northern Wall at Western Side	
64 D	Cafeteria/Kitchen Building, Interior - Main Cafeteria Area, Northern Wall at Approximate Center	
64 E	Cafeteria/Kitchen Building, Interior - Main Cafeteria Area, Northern Wall at Eastern Side	
Material Location:		
HM# 65	<b>Material Description: Drywall and Joint Compound - Textured</b>	
Sample ID	Sample Locations	Quantity:
65 A	Cafeteria/Kitchen Building, Interior - Northwestern File Storage Room at Southeast Corner	
65 B	Cafeteria/Kitchen Building, Interior - Northwestern Women's Restroom at Northeast Corner	
65 C	Cafeteria/Kitchen Building, Interior - Main Cafeteria Area, Northern Wall at Approximate Center	
Material Location:		
HM# 66	<b>Material Description: Floor Tile - 12" White with Tan Flecks and Yellow Mastic</b>	
Sample ID	Sample Location & Material Location	Quantity:
66 A	Cafeteria/Kitchen Building, Interior - Northwestern File Storage Room at Western Side	
B		
Material Location:		
HM# 67	<b>Material Description: Cove Base Adhesive - White on 4" Grey/Black Cove</b>	
Sample ID	Sample Location & Material Location	Quantity:
67 A	Cafeteria/Kitchen Building, Interior - Northwestern File Storage Room at Southern Wall	
67 B	Cafeteria/Kitchen Building, Interior - Northern Teacher's Lounge at Northwestern Corner	
C		
Material Location:		

Relinquished By:	NAME: William Frieszell	SIGNATURE: <i>William Frieszell</i>	COMPANY: Terracon Consultants	DATE: January 4, 2018
Received By:				
Relinquished By:	Fedex 1000	Karin Frieszell		1/5/18
Received By:				

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## ACM BULK SAMPLE DATA SHEET

\* PLM Analysis

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<input checked="" type="checkbox"/> PM - W. Frieszell wfrieszell@terracon.com	PM - K. Schaefer Karin@terracon.com	Ken@terracon.com
PM - T. Katchee Ted@terracon.com	PM - S. Steiner steini@terracon.com	PM - W. Frieszell wfrieszell@terracon.com

Project Name/Address	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California						
RGA Project Number	R1177466	Sampled By	W. Frieszell/R. Caldwell	Sampling Date	January 2-4, 2018		
Laboratory	EMLab	<input checked="" type="checkbox"/> Other	Turn Around Time	5 Day	<input checked="" type="checkbox"/> Other (Specify)		

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

HM# 68	<b>Material Description: Sheet Flooring System - Blue Pebble Pattern with Yellow Mastic</b>		
Sample ID	Sample Location & Material Location	Quantity:	
68 A	Cafeteria/Kitchen Building, Interior - Northern Teacher's Lounge at Northeastern Corner		
68 B	Cafeteria/Kitchen Building, Interior - Northern Teacher's Lounge at Southwestern Corner		
68 C	Cafeteria/Kitchen Building, Interior - Northwestern Men's Restroom at South Entry Way		
Material Location:			
HM# 69	<b>Material Description: Ceiling Tile - 2'x4' White Lay-in System, Hard Gypsum</b>		
Sample ID	Sample Location & Material Location	Quantity:	
69 A	Cafeteria/Kitchen Building, Interior - Northern Teacher's Lounge at Southwestern Corner		
69 B	Cafeteria/Kitchen Building, Interior - Northern Teacher's Lounge at Northeastern Corner		
69 C			
Material Location:			
HM# 70	<b>Material Description: Wainscot Adhesive - Orange on White FRP Paneling</b>		
Sample ID	Sample Locations	Quantity:	
70 A	Cafeteria/Kitchen Building, Interior - Northwestern Men's Restroom at South Entry Way		
70 B	Cafeteria/Kitchen Building, Interior - Northwestern Women's Restroom at South Entry Way		
70 C	Cafeteria/Kitchen Building, Interior - Northwestern Women's Restroom at Northern Wall		
Material Location:			
HM# 71	<b>Material Description: Wall Treatment System - Purple Covering with Adhesive</b>		
Sample ID	Sample Location & Material Location	Quantity:	
71 A	Cafeteria/Kitchen Building, Interior - Northern Teacher's Lounge at Northeastern Corner		
71 B	Cafeteria/Kitchen Building, Interior - Northern Teacher's Lounge at Southwestern Corner		
71 C	Cafeteria/Kitchen Building, Interior - Northern Teacher's Lounge at Northwestern Corner		
Material Location:			
HM# 72	<b>Material Description: Flange Gasket Materials</b>		
Sample ID	Sample Location & Material Location	Quantity: ~30 gaskets	
A	***** INACCESSIBLE - ASSUMED *****		
B			
C			
Material Location:			

Relinquished By:	NAME: William Frieszell	SIGNATURE: <i>William Frieszell</i>	COMPANY: Terracon Consultants	DATE: January 4, 2018
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Received By:				

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<input checked="" type="checkbox"/> PM - W. Frieszell wfrieszell@terracon.com	PM - K. ... K...@terracon.com	K...@terracon.com
PM - T. Katchee TK...@terracon.com	PM - S. Steiner ssteiner@terracon.com	PM - W. Frieszell wfrieszell@terracon.com

Project Name/Address	Teria Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California					
RGA Project Number	RI177465	Sampled By	W. Frieszell/R. Caldwell	Sampling Date	January 2-4, 2018	
Laboratory	EMI Lab	<input checked="" type="checkbox"/> Other	Turn Around Time	5 Day	<input checked="" type="checkbox"/> Other (Specify)	

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

HM# 73	Material Description: <b>Boiler Interior Insulation Materials</b>	
Sample ID	Sample Location & Material Location	Quantity: 1 Boiler
A	***** INACCESSIBLE - ASSUMED *****	
B		
C		
Material Location:		
HM# 74	Material Description: <b>Cove Base Adhesive - Tan on 6" Black Cove</b>	
Sample ID	Sample Location & Material Location	Quantity:
74 A	Cafeteria/Kitchen Building, Interior - Northwestern Women's Restroom at Western Wall	
74 B	Cafeteria/Kitchen Building, Interior - Northwestern Men's Restroom at Southern Wall	
C		
Material Location:		
HM# 75	Material Description: <b>Thermal System Insulation - Hard Pack White 3" Elbows</b>	
Sample ID	Sample Locations	Quantity: ~50 Elbows
75 A	Cafeteria/Kitchen Building, Interior - Northern Mechanical Room at Equipment Assembly	
75 B	Cafeteria/Kitchen Building, Interior - Northern Mechanical Room at Equipment Assembly	
C		
Material Location:		
HM# 76	Material Description: <b>Thermal System Insulation - Hard Pack White on 3" Runs/Risers</b>	
Sample ID	Sample Location & Material Location	Quantity:
76 A	Cafeteria/Kitchen Building, Interior - Northern Mechanical Room at Equipment Assembly	
76 B	Cafeteria/Kitchen Building, Interior - Northern Mechanical Room at Equipment Assembly	
C		
Material Location:		
HM# 77	Material Description: <b>Thermal System Insulation - Hard Pack White 6" Elbows</b>	
Sample ID	Sample Location & Material Location	Quantity:
77 A	Cafeteria/Kitchen Building, Interior - Eastern Mechanical Room at Equipment Assembly	
77 B	Cafeteria/Kitchen Building, Interior - Eastern Mechanical Room at Equipment Assembly	
C		
Material Location:		

Relinquished By:	NAME: William Frieszell	SIGNATURE: <i>William Frieszell</i>	COMPANY: Terracon Consultants	DATE: January 4, 2018
Received By:				
Relinquished By:	FedEx 1000	R. Griffith		1/5/18
Received By:				

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Point Count Analysis (400-point)

✓ PM - W. Frieszell wfrieszell@terracon.com	PM - K. Schroeder Kschroeder@terracon.com	Kent@terracon.com
PM - T. Kallio TKallio@terracon.com	PM - S. Steiner ssteiner@terracon.com	PM - W. Frieszell wfrieszell@terracon.com

Project Name/Address	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California					
RGA Project Number	R1177466	Sampled By	W. Frieszell/R. Caldwell	Sampling Date	January 2-4, 2018	
Laboratory	BMLab	X Other	Turn Around Time	5 Day	X	Other (Specify)

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

HM# 78	Material Description: Thermal System Insulation - Hard Pack White on 6" Runs/Risers		
Sample ID	Sample Location & Material Location	Quantity:	
78 A	Cafeteria/Kitchen Building, Interior - Eastern Mechanical Room at Equipment Assembly		
78 B	Cafeteria/Kitchen Building, Interior - Eastern Mechanical Room at Equipment Assembly		
C			
Material Location:			
HM# 79	Material Description: Drywall and Joint Compound - Papered		
Sample ID	Sample Location & Material Location	Quantity:	
79 A	Cafeteria/Kitchen Building, Interior - Northern Teacher's Lounge at Northwestern Corner		
79 B	Cafeteria/Kitchen Building, Interior - Northwestern Exit Corridor at Southwestern Wall		
C			
Material Location:			
HM# 80	Material Description: Wall Plaster System - Grey with White Finish Coat		
Sample ID	Sample Locations	Quantity:	
80 A	Cafeteria/Kitchen Building, Interior - Northern Mechanical Room at Western Wall		
80 B	Cafeteria/Kitchen Building, Interior - Eastern Mechanical Room at Western Wall Center		
80 C	Cafeteria/Kitchen Building, Interior - Northern Entry Storage Area at Western Wall		
80 D	Cafeteria/Kitchen Building, Interior - Eastern Women's Restroom Vestibule Area at North Wall		
80 E	Cafeteria/Kitchen Building, Interior - Eastern Women's Restroom Area at West Wall		
80 F	Cafeteria/Kitchen Building, Interior - Central Refrigerator Storage Area at Northeast Entry		
80 G	Cafeteria/Kitchen Building, Interior - Central Kitchen Storage Area at Eastern Wall		
Material Location:			
HM# 81	Material Description: Terrazzo Flooring System - Pink with Mortar Layer		
Sample ID	Sample Location & Material Location	Quantity:	
81 A	Cafeteria/Kitchen Building, Interior - Main Kitchen Area at Southwestern Corner		
81 B	Cafeteria/Kitchen Building, Interior - Southeastern Kitchen Storage Area at West Entry Way		
81 C	Cafeteria/Kitchen Building, Exterior - Western Side of Building at Main Cafeteria Entry		
Material Location:			

Relinquished By:	NAME: William Frieszell	SIGNATURE: [Signature]	COMPANY: Terracon Consultants	DATE: January 4, 2018
Received By:				
Relinquished By:	Fedex 1000	[Signature]		1/5/18
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## ACM BULK SAMPLE DATA SHEET

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<input checked="" type="checkbox"/> PM - W. Frieszell wfrieszell@terracon.com	PM - K. Sch... Karin@terracon.com	Ken@terracon.com
PM - T. Katchee Ted@terracon.com	PM - S. Steiner steff@terracon.com	PM - W. Frieszell wfrieszell@terracon.com

Project Name/Address	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California					
RGA Project Number	RTT77466	Sampled By	W. Frieszell/R. Caldwell	Sampling Date	January 2-4, 2018	
Laboratory	EMI Lab	<input checked="" type="checkbox"/> Other	Turn Around Time	3 Day	<input checked="" type="checkbox"/> Other (Specify)	

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

HM# 82	Material Description: Building Concrete Materials	
Sample ID	Sample Location & Material Location	Quantity
82 A	Cafeteria/Kitchen Building, Interior - Northern Mechanical Room at Northern Perimeter Wall	
82 B	Cafeteria/Kitchen Building, Exterior - Southwestern Side of Building at Southern Perimeter Column	
82 C	Cafeteria/Kitchen Building, Interior - Eastern Mechanical Room at Eastern Entry Way Slab	
Material Location:		
HM# 83	Material Description: Building Base/Pavement Seam Sealant - Light Grey	
Sample ID	Sample Location & Material Location	Quantity
83 A	Cafeteria/Kitchen Building, Exterior - Southwestern Corner of Building at Building Base	
83 B	Cafeteria/Kitchen Building, Exterior - Western Side of Building at Main Walkway Area	
C		
Material Location:		
HM# 84	Material Description: Exterior Elastomeric Paint - Beige	
Sample ID	Sample Locations	Quantity
84 A	Cafeteria/Kitchen Building, Exterior - Northeastern Side of Building at Perimeter Wall	
84 B	Cafeteria/Kitchen Building, Exterior - South Southeastern Corner of Building at Office Perimeter	
84 C	Cafeteria/Kitchen Building, Exterior - Southwestern Corner of Building	
Material Location:		
HM# 85	Material Description: Window Glazing Putty - Grey	
Sample ID	Sample Location & Material Location	Quantity
85 A	Cafeteria/Kitchen Building, Exterior - North Northeastern Side of Building at Window Assembly	
85 B	Cafeteria/Kitchen Building, Exterior - Southwestern Corner of Building at Window Assembly	
85 C	Cafeteria/Kitchen Building, Exterior - Southern Central Side of Building at Window Assembly	
Material Location:		
HM# 86	Material Description: Metal to Concrete Framing Sealant - White	
Sample ID	Sample Location & Material Location	Quantity
86 A	Cafeteria/Kitchen Building, Exterior - Southern Side of Building at Main Cafeteria Entry Way	
86 B	Cafeteria/Kitchen Building, Exterior - Western Side of Building at Southern Cafeteria Entry Way	
C		
Material Location:		

Relinquished By:	NAME: William Frieszell	SIGNATURE:	COMPANY: Terracon Consultants	DATE: January 4, 2018
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Relinquished By:	Fedex 1000	KGin Afish		1/5/18
Received By:				



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<input checked="" type="checkbox"/> PM - W. Frieszell wfrieszell@terracon.com	<input type="checkbox"/> PM - K. Schroeder Kath@terracon.com	<input type="checkbox"/> Ken@terracon.com
<input type="checkbox"/> PM - T. Katchee TKedd@terracon.com	<input type="checkbox"/> PM - S. Steiner steff@terracon.com	<input type="checkbox"/> PM - W. Frieszell wfrieszell@terracon.com

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☐ Point Count Analysis (400-point)

Project Name/Address		Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California					
RGA Project Number		RI177466		Sampled By		W. Frieszell/R. Caldwell	
Laboratory		EMI Lab		Turn Around Time		5 Day	
		<input checked="" type="checkbox"/> Other				<input checked="" type="checkbox"/> Other (Specify)	

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

HM#	87	Material Description: Metal to Concrete Framing Sealant - Grey	
Sample ID		Sample Location & Material Location	Quantity:
87	A	Cafeteria/Kitchen Building, Exterior - Northeastern Side of Building at Teacher's Lounge Entry Way	
87	B	Cafeteria/Kitchen Building, Exterior - Northeastern Side of Building at Teacher's Lounge Entry Way	
	C		
Material Location:			
HM#	88	Material Description: CMU Block System - Red Block with Grey Mortar	
Sample ID		Sample Location & Material Location	Quantity:
88	A	Cafeteria/Kitchen Building, Exterior - Northeastern Cafeteria Courtyard at Northern Wall	
88	B	Cafeteria/Kitchen Building, Exterior - Northeastern Cafeteria Courtyard at Eastern Wall	
	C		
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:			

Relinquished By:	NAME: William Frieszell	SIGNATURE: <i>William Frieszell</i>	COMPANY: Terracon Consultants	DATE: January 4, 2018
Received By:				
Relinquished By:	Fedex 1000	K. G. Frieszell		1/5/18
Received By:				



## **Appendix 2:**

Laboratory Results and Chains of Custody - Lead



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Environmental Chemistry Analysis Report

**Quantem Set ID:** 289323  
**Date Received:** 01/05/18  
**Received By:** Katie Davis  
**Date Sampled:**  
**Time Sampled:**  
**Analyst:** CR  
**Date of Report:** 01/08/18

**Client:** RGA Environmental  
1466 66th Street  
Emeryville, CA 94608

**Acct. No.:** C018

**Project:** Terra Linda High School, Limited Pre-Renovat  
**Location:** N/A  
**Project No.:** R1177466

AIHA ID: 101352

Quantem ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	Pb-01	Paint	Lead	1,500	56.4	ppm	01/05/18 14:40	P EPA 7000B (1)
002	Pb-02	Paint	Lead	<49.1	49.1	ppm	01/05/18 14:40	P EPA 7000B (1)
003	Pb-03	Bulk	Lead	1,730	49.7	mg/kg	01/08/18 11:05	B EPA 7000B (1)
004	Pb-04	Bulk	Lead	264	49.4	mg/kg	01/08/18 11:05	B EPA 7000B (1)
005	Pb-05	Paint	Lead	724	50	ppm	01/05/18 14:40	P EPA 7000B (1)
006	Pb-06	Paint	Lead	1,840	49.9	ppm	01/05/18 14:40	P EPA 7000B (1)
007	Pb-07	Paint	Lead	<48.9	48.9	ppm	01/05/18 14:40	P EPA 7000B (1)
008	Pb-08	Paint	Lead	977	49.7	ppm	01/05/18 14:40	P EPA 7000B (1)
009	Pb-09	Bulk	Lead	<49.5	49.5	mg/kg	01/08/18 11:05	B EPA 7000B (1)
010	Pb-10	Bulk	Lead	<49.5	49.5	mg/kg	01/08/18 11:05	B EPA 7000B (1)
011	Pb-11	Paint	Lead	77.5	49.7	ppm	01/05/18 14:40	P EPA 7000B (1)
012	Pb-12	Paint	Lead	<49.8	49.8	ppm	01/05/18 14:40	P EPA 7000B (1)
013	Pb-13	Bulk	Lead	<49.5	49.5	mg/kg	01/08/18 11:05	B EPA 7000B (1)
014	Pb-14	Bulk	Lead	<50.0	50	mg/kg	01/08/18 11:05	B EPA 7000B (1)
015	Pb-15	Paint	Lead	23,000	48.8	ppm	01/05/18 14:40	P EPA 7000B (1)
016	Pb-16	Paint	Lead	<49.8	49.8	ppm	01/05/18 14:40	P EPA 7000B (1)
017	Pb-17	Bulk	Lead	<49.6	49.6	mg/kg	01/08/18 11:05	B EPA 7000B (1)

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. Quantem is not responsible for user-supplied data used in calculations.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Environmental Chemistry Analysis Report

**QuanTEM Set ID:** 289323  
**Date Received:** 01/05/18  
**Received By:** Katie Davis  
**Date Sampled:**  
**Time Sampled:**  
**Analyst:** CR  
**Date of Report:** 01/08/18

**Client:** RGA Environmental  
1466 66th Street  
Emeryville, CA 94608

**Acct. No.:** C018

**Project:** Terra Linda High School, Limited Pre-Renovat

**Location:** N/A

**Project No.:** R1177466

AIHA ID: 101352

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
018	Pb-18	Paint	Lead	<49.8	49.8	ppm	01/05/18 14:40	P EPA 7000B (1)
019	Pb-19	Paint	Lead	2,330	49.8	ppm	01/05/17 14:40	P EPA 7000B (1)
020	Pb-20	Paint	Lead	595	49.7	ppm	01/05/18 14:40	P EPA 7000B (1)
021	Pb-21	Paint	Lead	1,790	49.6	ppm	01/05/18 14:40	P EPA 7000B (1)
022	Pb-22	Paint	Lead	5,020	50	ppm	01/05/18 14:40	P EPA 7000B (1)
023	Pb-23	Paint	Lead	<49.6	49.6	ppm	01/05/18 14:40	P EPA 7000B (1)
024	Pb-24	Bulk	Lead	<50.0	50	mg/kg	01/08/18 11:05	B EPA 7000B (1)
025	Pb-25	Bulk	Lead	189	49.7	mg/kg	01/08/18 11:05	B EPA 7000B (1)

Authorized Signature:

Cherry Rossen, Technical Manager

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. QuanTEM is not responsible for user-supplied data used in calculations.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified

# Supplemental Report

## QAQC Results

**QA ID:** 15925

**Test:** Lead

**Date:** 1/5/2018

**Matrix:** Paint

**Lab Number:** 289323

**Approved By:** Cherry Rossen

**Date Approved:** 1/5/2018

### Notes:

### Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0
Matrix Blank	0

### Standards Data:

Standard	Low Limit	Obtained	High Limit
CCV	4.5	5.1	5.5
FCV	4.5	5	5.5
ICV	0.9	1	1.1
RLVS	0.05	0.1	0.15

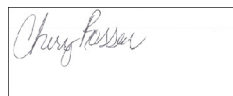
### Duplicate Data:

Sample Number	Result	Duplicate	% RPD
289323-018	0.065	0.064	0.6

### Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-P1	0.000	2.012	1.937	96.3	1.827	90.8	5.9
289323-018	0.065	2.000	2.198	106.7			

Authorized Signature:



Cherry Rossen, Technical Manager

# Supplemental Report

## QAQC Results

**QA ID:** 15926

**Test:** Lead

**Date:** 1/8/2018

**Matrix:** Bulk

**Lab Number:** 289323

**Approved By:** Cherry Rossen

**Date Approved:** 1/8/2018

### Notes:

### Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0
Matrix Blank	0

### Standards Data:

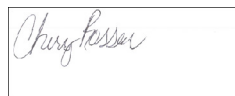
Standard	Low Limit	Obtained	High Limit
CCV	4.5	5.1	5.5
FCV	4.5	5.1	5.5
ICV	0.9	1.1	1.1
RLVS	0.08	0.17	0.24

### Duplicate Data:

### Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-B1	0.000	2.411	2.231	92.5	2.486	103.1	10.8
289323-009	0.037	2.000	2.015	98.9			

Authorized Signature:



Cherry Rossen, Technical Manager

289323

**Terracon**1466 66<sup>th</sup> Street, Emeryville, California**LEAD PAINT  
SAMPLE DATA SHEET**

\* Lead Analysis

— Flame AA (EPA 7420)

— TTLC

Page 1 of 4

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	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California						
RGA Project Number	RII77466	Sampled By	W. Frieszell	Sampling Date	January 2-5, 2018		
Laboratory	QuanTEM	X	Other	Turn Around Time	48 hour	X	Other (Specify)

Sample ID	Paint Description and Sample Location						Condition (I/F/P)
Pb-01	Paint Color:	Red	Substrate:	Steel	Component:	Support Beam	I
	Bldg:	Main Library	Unit:	1 <sup>st</sup> Floor	Room:	Room E8	
Pb-02	Paint Color:	Beige	Substrate:	Drywall	Component:	Wall System	I
	Bldg:	Main Library	Unit:	1 <sup>st</sup> Floor	Room:	Storage E6	
Pb-03	Paint Color:	Grey	Substrate:	Sealant	Component:	Building Base Seal	F
	Bldg:	Main Library	Unit:	Exterior	Room:	E8 Wall	
Pb-04	Paint Color:	Grey	Substrate:	Window Putty	Component:	Window Glazing	F
	Bldg:	Western Classroom	Unit:	Exterior	Room:	Eastern Side	
Pb-05	Paint Color:	Blue	Substrate:	Concrete	Component:	Exterior Wall	I
	Bldg:	Main Library	Unit:	Exterior	Room:	Northern Wall	
Pb-06	Paint Color:	Beige	Substrate:	Concrete	Component:	Exterior Wall	I
	Bldg:	Main Library	Unit:	Exterior	Room:	Northern Wall	
Pb-07	Paint Color:	Grey "Granite"	Substrate:	Wood	Component:	Wall Paneling	I
	Bldg:	Main Library	Unit:	1 <sup>st</sup> Floor	Room:	Corridor E1	

NAME:

SIGNATURE:

COMPANY:

DATE:

Relinquished By:	William Frieszell	<i>William Frieszell</i>	Terracon Consultants	January 4, 2018
Received By:	Heidi Santos			JAN 14 2018
Relinquished By:				
Received By:	Katie Davis	<i>Katie Davis</i>		1/5/18 9:45



289323

**Terracon**1466 66<sup>th</sup> Street, Emeryville, California**LEAD PAINT  
SAMPLE DATA SHEET**\* Lead Analysis  
— Flame AA (EPA 7420)  
— TTLCPage 2 of 4

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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	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California						
RGA Project Number	R1177466	Sampled By	W. Frieszell	Sampling Date	January 2-5, 2018		
Laboratory	QuanTEM	X	Other	Turn Around Time	48 hour	X	Other (Specify)

Sample ID	Paint Description and Sample Location						Condition (I/F/P)
Pb-08	Paint Color:	White	Substrate:	Concrete	Component:	Wall System	I
	Bldg:	Music/Theater	Unit:	Interior	Room:	N. Drama Room	
Pb-09	Paint Color:	Peach	Substrate:	4" Ceramic	Component:	Wall Tile	I
	Bldg:	Music/Theater Unisex Restroom	Unit:	Interior	Room:	West Restroom	
Pb-10	Paint Color:	Grey	Substrate:	1" Ceramic	Component:	Floor Tile	I
	Bldg:	Music/Theater Unisex Restroom	Unit:	Interior	Room:	East Restroom	
Pb-11	Paint Color:	Beige	Substrate:	Concrete	Component:	Exterior Wall System	I
	Bldg:	Music/Theater	Unit:	Exterior	Room:	NE. Corner	
Pb-12	Paint Color:	Blue	Substrate:	Concrete	Component:	Exterior Wall System	I
	Bldg:	Music/Theater	Unit:	Exterior	Room:	NE. Corner	
Pb-13	Paint Color:	Grey	Substrate:	Window Putty	Component:	Window Glazing	F
	Bldg:	Music/Theater	Unit:	Exterior	Room:	NE. Corner	
Pb-14	Paint Color:	White	Substrate:	Window Putty	Component:	Window Glazing	F
	Bldg:	Music/Theater	Unit:	Exterior	Room:	NW. Corner	

NAME:

SIGNATURE:

COMPANY:

DATE:

Relinquished By:	William Frieszell	<i>Will Frieszell</i>	Terracon Consultants	January 4, 2018
Received By:	Heidi Santos			JAN 04 2018
Relinquished By:				
Received By:				

289 323

**Terracon**1466 66<sup>th</sup> Street, Emeryville, California**LEAD PAINT  
SAMPLE DATA SHEET**

\* Lead Analysis

\_\_\_ Flame AA (EPA 7420)

\_\_\_ TTLC

Page 3 of 4

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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	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California						
RGA Project Number	R1177466	Sampled By	W. Frieszell	Sampling Date	January 2-5, 2018		
Laboratory	QuanTEM	X	Other	Turn Around Time	48 hour	X	Other (Specify)

Sample ID	Paint Description and Sample Location						Condition (I/F/P)
Pb-15	Paint Color:	Beige	Substrate:	Metal	Component:	Overhang Support	I
	Bldg:	Music/Theater	Unit:	Exterior	Room:	Northern Side	
Pb-16	Paint Color:	Blue	Substrate:	Concrete	Component:	Amphitheater Paving	I
	Bldg:	Exterior	Unit:	Amphitheater	Room:	North Side	
Pb-17	Paint Color:	Red	Substrate:	Concrete	Component:	Amphitheater Paving	I
	Bldg:	Exterior	Unit:	Amphitheater	Room:	Center	
Pb-18	Paint Color:	Beige	Substrate:	Metal	Component:	Exterior Wall	I
	Bldg:	Freestanding Shed	Unit:	Exterior	Room:	Southeast Corner	
Pb-19	Paint Color:	Red	Substrate:	Metal	Component:	Door	I
	Bldg:	Freestanding Shed	Unit:	Interior	Room:	South Entry	
Pb-20	Paint Color:	Beige	Substrate:	Concrete	Component:	Interior Wall System	I
	Bldg:	Cafeteria/Kitchen	Unit:	Interior	Room:	NW. File Storage	
Pb-21	Paint Color:	White	Substrate:	Plaster	Component:	Wall System	I
	Bldg:	Cafeteria/Kitchen	Unit:	Interior	Room:	Central Refrigerator Storage	

NAME:

SIGNATURE:

COMPANY:

DATE:

Relinquished By:	William Frieszell	<i>William Frieszell</i>	Terracon Consultants	January 4, 2018
Received By:	Heidi Santos			JAN 04 2018
Relinquished By:				
Received By:				



289323

# Terracon

1466 66<sup>th</sup> Street, Emeryville, California

## LEAD PAINT SAMPLE DATA SHEET

\* Lead Analysis

\_\_\_ Flame AA (EPA 7420)

\_\_\_ TTLC

Page 4 of 4

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	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California						
RGA Project Number	R1177466	Sampled By	W. Frieszell	Sampling Date	January 2-5, 2018		
Laboratory	QuanTEM	X	Other	Turn Around Time	48 hour	X	Other (Specify)

Sample ID	Paint Description and Sample Location						Condition (I/F/P)
Pb-22	Paint Color:	Beige	Substrate:	Concrete	Component:	Exterior Wall	I
	Bldg:	Cafeteria/ Kitchen	Unit:	Exterior	Room:	Northeastern Side	
Pb-23	Paint Color:	Blue	Substrate:	Concrete	Component:	Exterior Wall	I
	Bldg:	Cafeteria/ Kitchen	Unit:	Exterior	Room:	Southeastern Side	
Pb-24	Paint Color:	Grey	Substrate:	Window Putty	Component:	Window Glazing	F
	Bldg:	Cafeteria/ Kitchen	Unit:	Exterior	Room:	Southwestern Side	
Pb-25	Paint Color:	White	Substrate:	Sealant	Component:	Concrete/Metal Frame Seal	I
	Bldg:	Cafeteria/ Kitchen	Unit:	Exterior	Room:	Southern Cafeteria Entry	
	Paint Color:		Substrate:		Component:		
	Bldg:		Unit:		Room:		
	Paint Color:		Substrate:		Component:		
	Bldg:		Unit:		Room:		
	Paint Color:		Substrate:		Component:		
	Bldg:		Unit:		Room:		

NAME:

SIGNATURE:

COMPANY:

DATE:

Relinquished By:	William Frieszell	<i>William Frieszell</i>	Terracon Consultants	January 4, 2018
Received By:	Heidi Santos			JAN 04 2018
Relinquished By:				
Received By:				

## **Appendix 3:**

### Laboratory Results and Chains of Custody - PCBs



# McC Campbell Analytical, Inc.

"When Quality Counts"

## Analytical Report

**WorkOrder:** 1801240

**Report Created for:** Terracon

1466 66th Street  
Emeryville, CA 94608

**Project Contact:** William Frieszell

**Project P.O.:**

**Project:** R1177466; Terra Linda High School

**Project Received:** 01/05/2018

Analytical Report reviewed & approved for release on 01/10/2018 by:

Jennifer Lagerbom  
Project Manager

*The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.*





## Glossary of Terms & Qualifier Definitions

**Client:** Terracon  
**Project:** R1177466; Terra Linda High School  
**WorkOrder:** 1801240

### 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)



## **Glossary of Terms & Qualifier Definitions**

**Client:** Terracon  
**Project:** R1177466; Terra Linda High School  
**WorkOrder:** 1801240

### **Analytical Qualifiers**

S	Surrogate spike recovery outside accepted recovery limits
a4	Reporting limits raised due to the sample's matrix prohibiting a full volume extraction.
c1	Surrogate recovery outside of the control limits due to the dilution of the sample.
h4	Sulfuric acid permanganate (EPA 3665) cleanup



## Analytical Report

**Client:** Terracon  
**Date Received:** 1/5/18 10:11  
**Date Prepared:** 1/5/18  
**Project:** R1177466; Terra Linda High School

**WorkOrder:** 1801240  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8082  
**Unit:** mg/kg

### Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-01	1801240-001A	Solid	01/04/2018	GC20 01091872.D	151215
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Aroclor1016	ND		500	1,000	01/10/2018 06:19
Aroclor1221	ND		500	1,000	01/10/2018 06:19
Aroclor1232	ND		500	1,000	01/10/2018 06:19
Aroclor1242	ND		500	1,000	01/10/2018 06:19
Aroclor1248	ND		500	1,000	01/10/2018 06:19
Aroclor1254	2000		500	1,000	01/10/2018 06:19
Aroclor1260	ND		500	1,000	01/10/2018 06:19
PCBs, total	2000		500	1,000	01/10/2018 06:19
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>		
Decachlorobiphenyl	1555	S	70-130		01/10/2018 06:19
<u>Analyst(s):</u> CK	<u>Analytical Comments:</u> h4,a4,c1				

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-02	1801240-002A	Solid	01/04/2018	GC20 01091865.D	151215
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Aroclor1016	ND		25	50	01/10/2018 04:27
Aroclor1221	ND		25	50	01/10/2018 04:27
Aroclor1232	ND		25	50	01/10/2018 04:27
Aroclor1242	ND		25	50	01/10/2018 04:27
Aroclor1248	ND		25	50	01/10/2018 04:27
Aroclor1254	ND		25	50	01/10/2018 04:27
Aroclor1260	ND		25	50	01/10/2018 04:27
PCBs, total	ND		25	50	01/10/2018 04:27
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>		
Decachlorobiphenyl	191	S	70-130		01/10/2018 04:27
<u>Analyst(s):</u> CK	<u>Analytical Comments:</u> h4,a4,c1				



## Analytical Report

**Client:** Terracon  
**Date Received:** 1/5/18 10:11  
**Date Prepared:** 1/5/18  
**Project:** R1177466; Terra Linda High School

**WorkOrder:** 1801240  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8082  
**Unit:** mg/kg

### Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-03	1801240-003A	Solid	01/04/2018	GC20 01091869.D	151215
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Aroclor1016	ND		0.50	1	01/10/2018 05:31
Aroclor1221	ND		0.50	1	01/10/2018 05:31
Aroclor1232	ND		0.50	1	01/10/2018 05:31
Aroclor1242	ND		0.50	1	01/10/2018 05:31
Aroclor1248	ND		0.50	1	01/10/2018 05:31
Aroclor1254	ND		0.50	1	01/10/2018 05:31
Aroclor1260	ND		0.50	1	01/10/2018 05:31
PCBs, total	ND		0.50	1	01/10/2018 05:31
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
Decachlorobiphenyl	103		70-130		01/10/2018 05:31
<u>Analyst(s):</u> CK		<u>Analytical Comments:</u> h4,a4			

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-04	1801240-004A	Solid	01/04/2018	GC20 01091868.D	151215
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Aroclor1016	ND		1.0	2	01/10/2018 05:15
Aroclor1221	ND		1.0	2	01/10/2018 05:15
Aroclor1232	ND		1.0	2	01/10/2018 05:15
Aroclor1242	ND		1.0	2	01/10/2018 05:15
Aroclor1248	ND		1.0	2	01/10/2018 05:15
Aroclor1254	5.2		1.0	2	01/10/2018 05:15
Aroclor1260	ND		1.0	2	01/10/2018 05:15
PCBs, total	5.2		1.0	2	01/10/2018 05:15
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
Decachlorobiphenyl	84		70-130		01/10/2018 05:15
<u>Analyst(s):</u> CK		<u>Analytical Comments:</u> h4,a4			



## Analytical Report

**Client:** Terracon  
**Date Received:** 1/5/18 10:11  
**Date Prepared:** 1/5/18  
**Project:** R1177466; Terra Linda High School

**WorkOrder:** 1801240  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8082  
**Unit:** mg/kg

### Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-05	1801240-005A	Solid	01/04/2018	GC20 01091867.D	151215
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Aroclor1016	ND		25	50	01/10/2018 04:59
Aroclor1221	ND		25	50	01/10/2018 04:59
Aroclor1232	ND		25	50	01/10/2018 04:59
Aroclor1242	ND		25	50	01/10/2018 04:59
Aroclor1248	ND		25	50	01/10/2018 04:59
Aroclor1254	ND		25	50	01/10/2018 04:59
Aroclor1260	ND		25	50	01/10/2018 04:59
PCBs, total	ND		25	50	01/10/2018 04:59
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>		
Decachlorobiphenyl	142	S	70-130		01/10/2018 04:59
<u>Analyst(s):</u> CK		<u>Analytical Comments:</u> h4,a4,c1			

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-06	1801240-006A	Solid	01/04/2018	GC20 01091866.D	151215
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Aroclor1016	ND		2.5	5	01/10/2018 04:43
Aroclor1221	ND		2.5	5	01/10/2018 04:43
Aroclor1232	ND		2.5	5	01/10/2018 04:43
Aroclor1242	ND		2.5	5	01/10/2018 04:43
Aroclor1248	ND		2.5	5	01/10/2018 04:43
Aroclor1254	ND		2.5	5	01/10/2018 04:43
Aroclor1260	ND		2.5	5	01/10/2018 04:43
PCBs, total	ND		2.5	5	01/10/2018 04:43
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
Decachlorobiphenyl	90		70-130		01/10/2018 04:43
<u>Analyst(s):</u> CK		<u>Analytical Comments:</u> h4,a4			

(Cont.)





## Analytical Report

**Client:** Terracon  
**Date Received:** 1/5/18 10:11  
**Date Prepared:** 1/5/18  
**Project:** R1177466; Terra Linda High School

**WorkOrder:** 1801240  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8082  
**Unit:** mg/kg

### Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-07	1801240-007A	Solid	01/04/2018	GC20 01091871.D	151215

Analytes	Result	RL	DF	Date Analyzed
Aroclor1016	ND	0.50	1	01/10/2018 06:03
Aroclor1221	ND	0.50	1	01/10/2018 06:03
Aroclor1232	ND	0.50	1	01/10/2018 06:03
Aroclor1242	ND	0.50	1	01/10/2018 06:03
Aroclor1248	ND	0.50	1	01/10/2018 06:03
Aroclor1254	ND	0.50	1	01/10/2018 06:03
Aroclor1260	ND	0.50	1	01/10/2018 06:03
PCBs, total	ND	0.50	1	01/10/2018 06:03

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	96	70-130	01/10/2018 06:03

Analyst(s): CK

Analytical Comments: h4,a4

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-08	1801240-008A	Solid	01/04/2018	GC20 01091870.D	151215

Analytes	Result	RL	DF	Date Analyzed
Aroclor1016	ND	0.50	1	01/10/2018 05:48
Aroclor1221	ND	0.50	1	01/10/2018 05:48
Aroclor1232	ND	0.50	1	01/10/2018 05:48
Aroclor1242	ND	0.50	1	01/10/2018 05:48
Aroclor1248	ND	0.50	1	01/10/2018 05:48
Aroclor1254	ND	0.50	1	01/10/2018 05:48
Aroclor1260	ND	0.50	1	01/10/2018 05:48
PCBs, total	ND	0.50	1	01/10/2018 05:48

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	99	70-130	01/10/2018 05:48

Analyst(s): CK

Analytical Comments: h4,a4



## Quality Control Report

**Client:** Terracon  
**Date Prepared:** 1/4/18 - 1/5/18  
**Date Analyzed:** 1/8/18 - 1/10/18  
**Instrument:** GC20  
**Matrix:** Soil  
**Project:** R1177466; Terra Linda High School

**WorkOrder:** 1801240  
**BatchID:** 151215  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8082  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-151215  
1801275-001AMS/MSD

### 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	0.0484	0.050	97	70-130
--------------------	--------	-------	----	--------

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aroclor1016	0.130	0.135	0.15	87	90	70-130	3.58	20
Aroclor1260	0.137	0.154	0.15	91	103	70-130	11.8	20

#### Surrogate Recovery

Decachlorobiphenyl	0.0414	0.0470	0.050	83	94	70-130	12.7	20
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Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Aroclor1016	0.130	0.128	0.15	ND	86	86	70-130	0	20
Aroclor1260	0.134	0.140	0.15	ND	89	93	70-130	4.42	20

#### Surrogate Recovery

Decachlorobiphenyl	0.0427	0.0451	0.050		85	90	70-130	5.47	20
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# McC Campbell Analytical, Inc.



1534 Willow Pass Rd  
Pittsburg, CA 94565-1701  
(925) 252-9262

# CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 1801240

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: R1177466; Terra Linda High School

## Bill to:

Anita G. Ilsley

Terracon

1466 66th Street

Emeryville, CA 94608

anita.ilsley@rgaenv.com

Requested TAT: 5 days;

Date Received: 01/05/2018

Date Logged: 01/05/2018

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
1801240-001	PCB-01	Solid	1/4/2018 00:00	<input type="checkbox"/>	A											
1801240-002	PCB-02	Solid	1/4/2018 00:00	<input type="checkbox"/>	A											
1801240-003	PCB-03	Solid	1/4/2018 00:00	<input type="checkbox"/>	A											
1801240-004	PCB-04	Solid	1/4/2018 00:00	<input type="checkbox"/>	A											
1801240-005	PCB-05	Solid	1/4/2018 00:00	<input type="checkbox"/>	A											
1801240-006	PCB-06	Solid	1/4/2018 00:00	<input type="checkbox"/>	A											
1801240-007	PCB-07	Solid	1/4/2018 00:00	<input type="checkbox"/>	A											
1801240-008	PCB-08	Solid	1/4/2018 00:00	<input type="checkbox"/>	A											

## Test Legend:

1	8082_PCB_Solid
5	
9	

2	
6	
10	

3	
7	
11	

4	
8	
12	

Prepared by: Kena Ponce

## 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.



McC Campbell 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:** R1177466; Terra Linda High School

**Comments:**

**Work Order:** 1801240  
**QC Level:** LEVEL 2  
**Date Logged:** 1/5/2018

☐ 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
1801240-001A	PCB-01	Solid	SW8082 (PCBs Only)	1	Plastic Baggie, Extra Small	<input type="checkbox"/>	1/4/2018	5 days		<input type="checkbox"/>	
1801240-002A	PCB-02	Solid	SW8082 (PCBs Only)	1	Plastic Baggie, Extra Small	<input type="checkbox"/>	1/4/2018	5 days		<input type="checkbox"/>	
1801240-003A	PCB-03	Solid	SW8082 (PCBs Only)	1	Plastic Baggie, Extra Small	<input type="checkbox"/>	1/4/2018	5 days		<input type="checkbox"/>	
1801240-004A	PCB-04	Solid	SW8082 (PCBs Only)	1	Plastic Baggie, Extra Small	<input type="checkbox"/>	1/4/2018	5 days		<input type="checkbox"/>	
1801240-005A	PCB-05	Solid	SW8082 (PCBs Only)	1	Plastic Baggie, Extra Small	<input type="checkbox"/>	1/4/2018	5 days		<input type="checkbox"/>	
1801240-006A	PCB-06	Solid	SW8082 (PCBs Only)	1	Plastic Baggie, Extra Small	<input type="checkbox"/>	1/4/2018	5 days		<input type="checkbox"/>	
1801240-007A	PCB-07	Solid	SW8082 (PCBs Only)	1	Plastic Baggie, Extra Small	<input type="checkbox"/>	1/4/2018	5 days		<input type="checkbox"/>	
1801240-008A	PCB-08	Solid	SW8082 (PCBs Only)	1	Plastic Baggie, Extra Small	<input type="checkbox"/>	1/4/2018	5 days		<input type="checkbox"/>	

**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.

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	

1801240

Project Name/Address	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California					
RGA Project Number	RI177466	Sampled By	W. Frieszell/ R.Caldwell	Sampling Date	January 2-4, 2018	
Laboratory	McC Campbell	X Other	Turn Around Time	5 Day	X	Other (Specify)

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

<b>PCB# 01</b>	<b>Material Description: Window Framing Sealant - Grey</b>	
<b>Sample ID</b>	<b>Sample Location &amp; Material Location</b>	<b>Quantity:</b>
PCB-01 A	Library Building, Exterior - Main Library E8 at Northern Glass Frame	
B		
C		
Material Location:		
<b>PCB# 02</b>	<b>Material Description: Building Base Sealant - Grey</b>	
<b>Sample ID</b>	<b>Sample Location &amp; Material Location</b>	<b>Quantity:</b>
PCB-02 A	Library Building, Exterior - Main Library E8 at Northern Exterior Wall	
B		
C		
Material Location:		
<b>PCB# 03</b>	<b>Material Description: Window Framing Mastic - White</b>	
<b>Sample ID</b>	<b>Sample Locations</b>	<b>Quantity:</b>
PCB-03 A	Eastern Classroom Building, Exterior - Eastern Wing Exterior at Western Window Assembly	
B		
C		
Material Location:		
<b>PCB# 04</b>	<b>Material Description: Storefront Window to Building Sealant - Tan</b>	
<b>Sample ID</b>	<b>Sample Location &amp; Material Location</b>	<b>Quantity:</b>
PCB-04 A	Library Building, Exterior - Main Library E8 at Northwestern Exterior Wall	
B		
C		
Material Location:		
<b>PCB# 05</b>	<b>Material Description: Exterior Connector Seam Sealant - Grey</b>	
<b>Sample ID</b>	<b>Sample Location &amp; Material Location</b>	<b>Quantity:</b>
PCB-05 A	Music/Theater Southeastern Connector, Exterior - Northwestern Corner of Building	
B		
C		
Material Location:		

NAME:

SIGNATURE:

COMPANY:

DATE:

Relinquished By:	William Frieszell	<i>Will Frieszell</i>	Terracon Consultants	January 4, 2018
Received By:	Heidi Santos			JAN 04 2018
Relinquished By:	<i>Feder</i>			
Received By:	<i>Kenn</i>	<i>Kena Ponco</i>	<i>MP</i>	1/5/18 1011

TRK# 6822 2396 4899  
[0201]



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	Terra Linda High School, Limited Pre-Renovation Sampling, 320 Nova Albion Way, San Rafael, California						
RGA Project Number	R1177466	Sampled By	W. Frieszell/ R.Caldwell	Sampling Date	January 2-4, 2018		
Laboratory	McC Campbell	<input checked="" type="checkbox"/> Other	Turn Around Time	5 Day	<input checked="" type="checkbox"/> Other (Specify)		

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

<b>PCB# 06</b>	<b>Material Description: Building Base/Pavement Seam Sealant - Light Grey</b>		
<b>Sample ID</b>	<b>Sample Location &amp; Material Location</b>	<b>Quantity:</b>	
PCB-06 A	Cafeteria/Kitchen Building, Exterior - Western Side of Building at Main Walkway Area		
B			
C			
Material Location:			
<b>PCB# 07</b>	<b>Material Description: Window Glazing Putty - Grey</b>		
<b>Sample ID</b>	<b>Sample Location &amp; Material Location</b>	<b>Quantity:</b>	
PCB-07 A	Cafeteria/Kitchen Building, Exterior - Southwestern Corner of Building at Window Assembly		
B			
C			
Material Location:			
<b>PCB# 08</b>	<b>Material Description: Metal to Concrete Framing Sealant - White</b>		
<b>Sample ID</b>	<b>Sample Locations</b>	<b>Quantity:</b>	
PCB-08 A	Cafeteria/Kitchen Building, Exterior - Southern Side of Building at Main Cafeteria Entry Way		
B			
C			
Material Location:			
<b>PCB#</b>	<b>Material Description:</b>		
<b>Sample ID</b>	<b>Sample Location &amp; Material Location</b>	<b>Quantity:</b>	
A			
B			
C			
Material Location:			
<b>PCB#</b>	<b>Material Description:</b>		
<b>Sample ID</b>	<b>Sample Location &amp; Material Location</b>	<b>Quantity:</b>	
A			
B			
C			
Material Location:			

NAME:

SIGNATURE:

COMPANY:

DATE:

Relinquished By:	William Frieszell	<i>Will Frieszell</i>	Terracon Consultants	January 4, 2018
Received By:	Heidi Santos			JAN 04 2018
Relinquished By:	Tedd			
Received By:	Kelna Ponce	<i>Kelna Ponce</i>	MAT	1/5/18 1611



## Sample Receipt Checklist

Client Name: **Terracon**  
Project: **R1177466; Terra Linda High School**  
WorkOrder No: **1801240** Matrix: Solid  
Carrier: FedEx

Date and Time Received: **1/5/2018 10:11**  
Date Logged: **1/5/2018**  
Received by: **Kena Ponce**  
Logged by: **Kena Ponce**

### Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
COC agrees with Quote?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

### Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

### Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Sample/Temp Blank temperature	Temp:		NA <input checked="" type="checkbox"/>
Water - VOA vials have zero headspace / no bubbles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Samples Received on Ice?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	

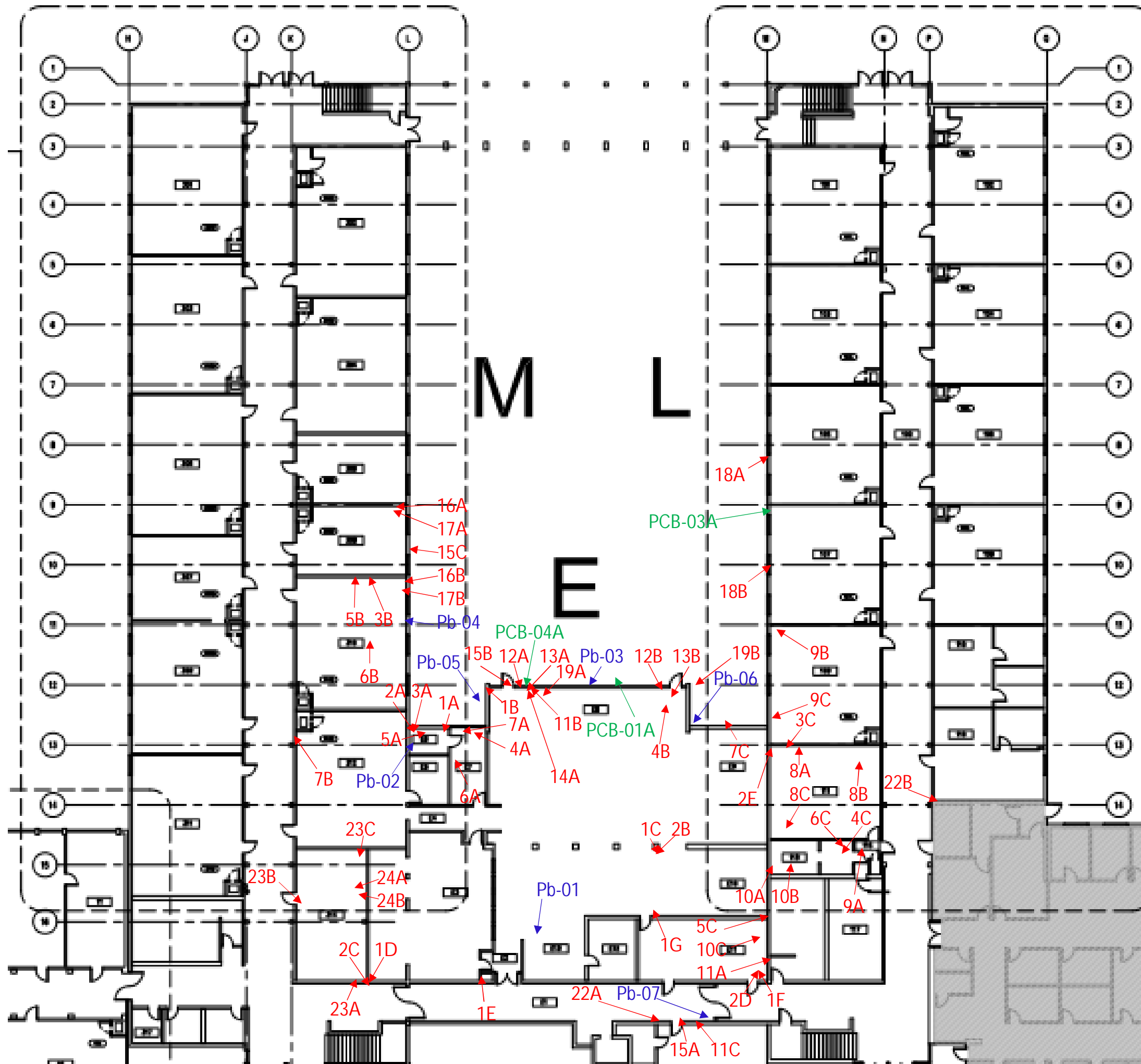
### UCMR Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments: Method SW8082 (PCBs Only) was received with temperature condition not met.

## **Appendix 4:** Sample Location Diagrams





Terra Linda  
High School  
Campus

Limited Pre-Renovation  
Hazardous Materials  
Survey

320 Nova Albion Way  
San Rafael, California

Date	Drafted By
January 2018	WMF

Project Number	Checked By
R1177466	KMS

Sheet Name
Main School Hall/Library - 1 <sup>st</sup> Floor Sample Locations

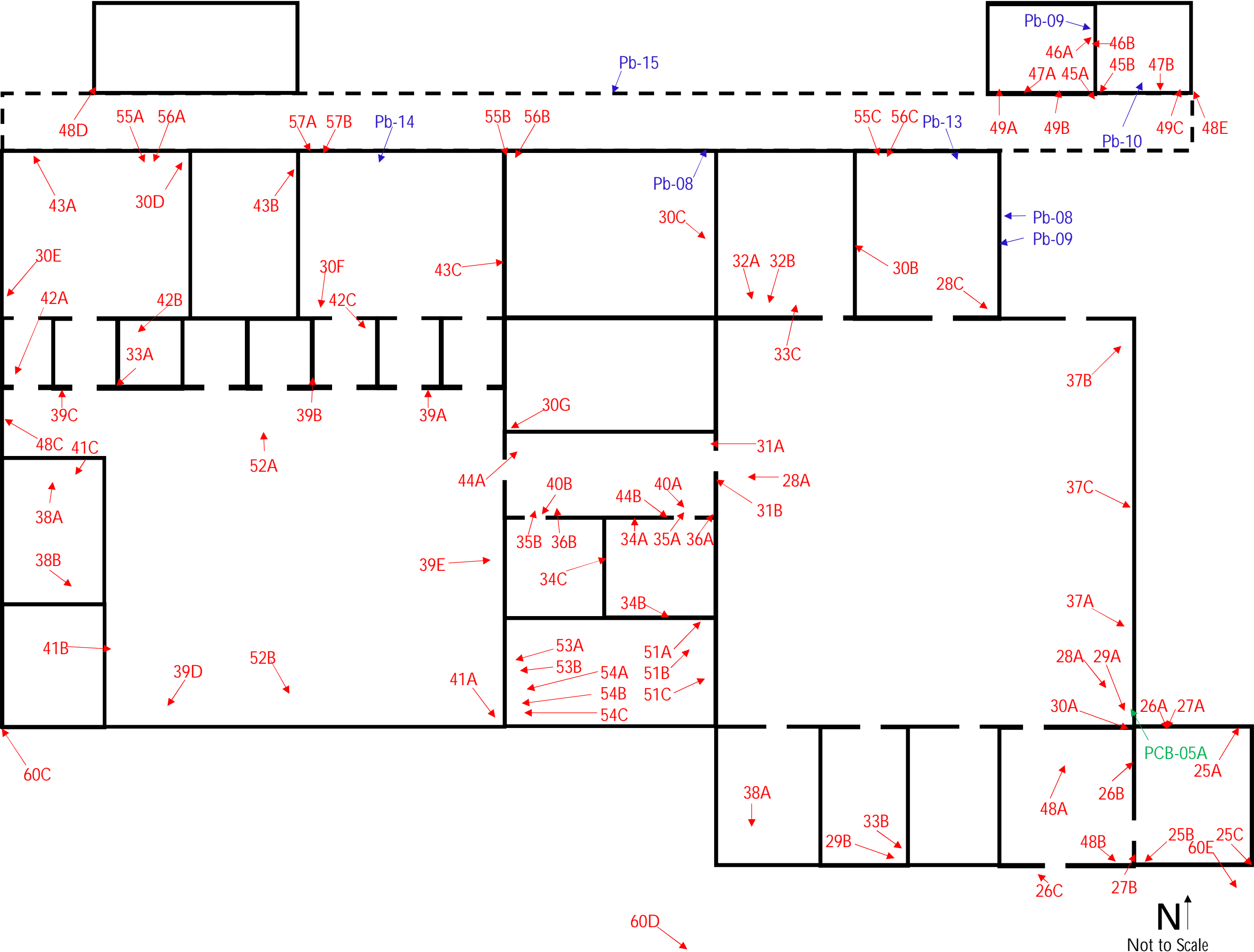
Sheet Number
Figure 1

Terra Linda  
High School  
Campus

Limited Pre-Renovation  
Hazardous Materials  
Survey

320 Nova Albion Way  
San Rafael, California

<u>Date</u> January 2018	<u>Drafted By</u> WMF
<u>Project Number</u> R1177466	<u>Checked By</u> SPS
<u>Sheet Name</u> Music/Theater Buildings - Sample Locations	
<u>Sheet Number</u> Figure 2	

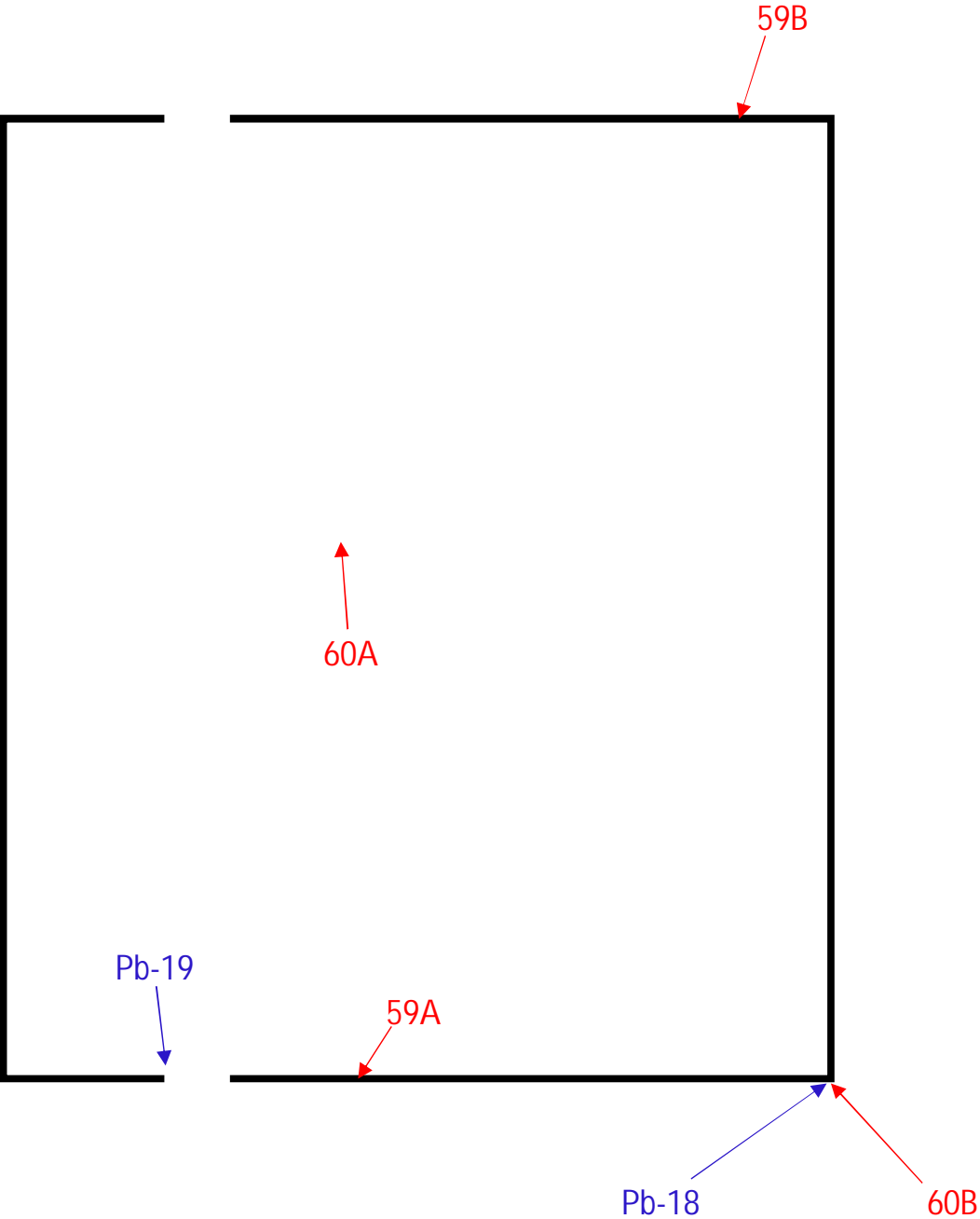


Terra Linda  
High School  
Campus

Limited Pre-Renovation  
Hazardous Materials  
Survey

320 Nova Albion Way  
San Rafael, California

<u>Date</u> January 2018	<u>Drafted By</u> WMF
<u>Project Number</u> R1177466	<u>Checked By</u> SPS
<u>Sheet Name</u> Freestanding Shed - Sample Locations	
<u>Sheet Number</u> Figure 3	



↑  
**N**  
Not to Scale

Terra Linda  
High School  
Campus

Limited Pre-Renovation  
Hazardous Materials  
Survey

320 Nova Albion Way  
San Rafael, California



↑  
**N**  
Not to Scale

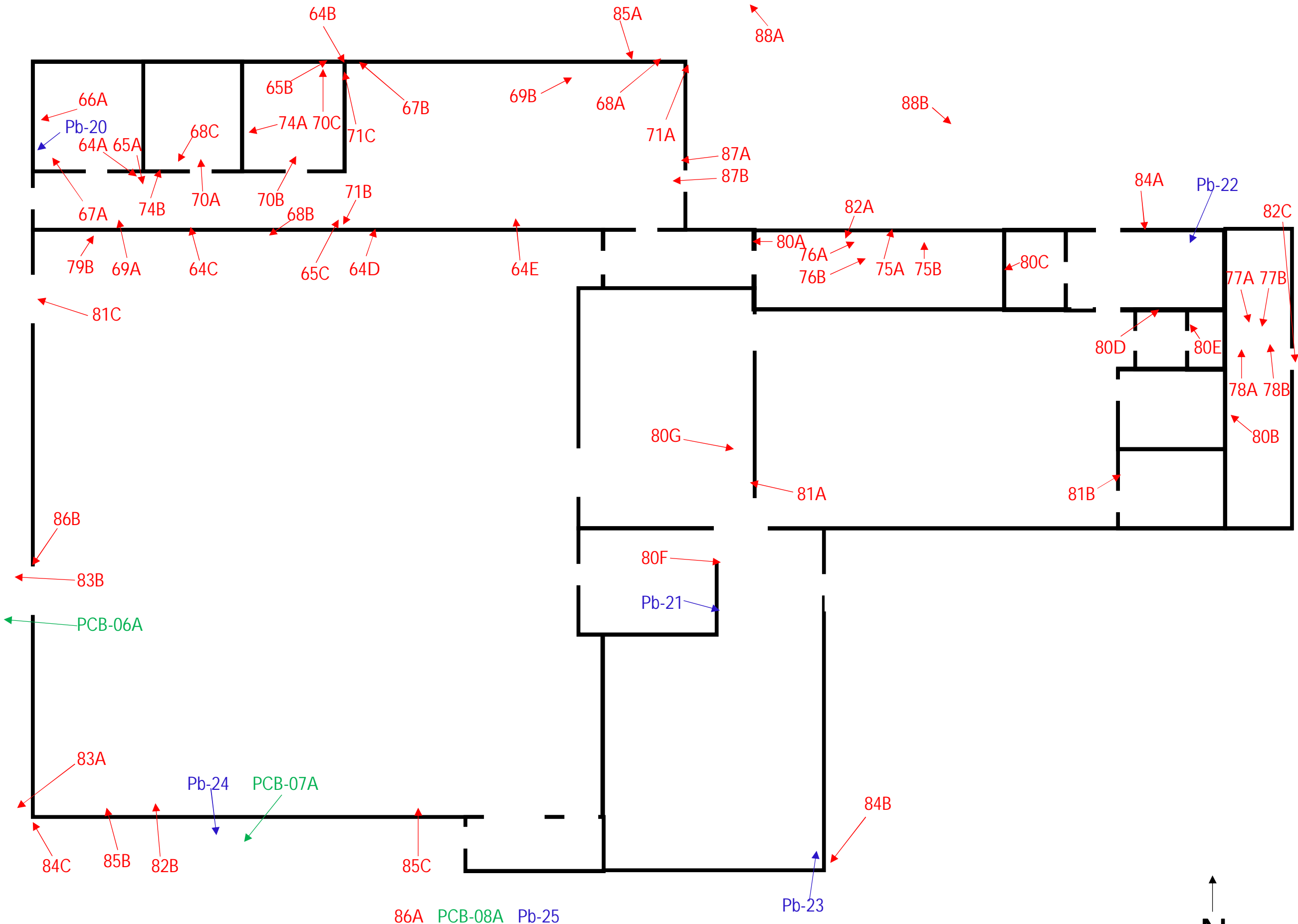
<u>Date</u> January 2018	<u>Drafted By</u> WMF
<u>Project Number</u> R1177466	<u>Checked By</u> SPS
<u>Sheet Name</u> Common Exterior Areas - Sample Locations	
<u>Sheet Number</u> Figure 4	

Terra Linda  
High School  
Campus

Limited Pre-Renovation  
Hazardous Materials  
Survey

320 Nova Albion Way  
San Rafael, California

<u>Date</u> January 2018	<u>Drafted By</u> WMF
<u>Project Number</u> R1177466	<u>Checked By</u> SPS
<u>Sheet Name</u> Cafeteria/Kitchen Building - Sample Locations	
<u>Sheet Number</u> Figure 5	



N  
Not to Scale

## **Appendix 5:** Site Inspector 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

Expiration  
Date



Inspector/Assessor

12/11/2018



24923

William M. Frieszell

ID # 23815



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

**Remington R Caldwell**

Name

Certification No. **97-2180**

Expires on **05/06/18**



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

State of California Department of Public Health

Lead-Related  
Construction  
Certificate

Certificate  
Type

Expiration  
Date



Inspector/Assessor	10/25/2018
Project Monitor	10/25/2018



Remington R. Caldwell

ID #: 15307